

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035925.D
 Acq On : 31 May 2023 10:49
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 31 11:17:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 11:13:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	200285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64252	18.052	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.100%#		
35) Dibromofluoromethane	5.385	113	48633	19.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.760%#		
50) Toluene-d8	8.646	98	176348	19.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.300%#		
62) 4-Bromofluorobenzene	11.079	95	68755	18.948	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41717	15.662	ug/l	98
3) Chloromethane	1.294	50	48030	17.489	ug/l	94
4) Vinyl Chloride	1.373	62	44023	16.688	ug/l	100
5) Bromomethane	1.617	94	28443	17.992	ug/l	95
6) Chloroethane	1.690	64	26118	17.719	ug/l	99
7) Trichlorofluoromethane	1.885	101	63373	16.008	ug/l	97
8) Diethyl Ether	2.135	74	26874	18.485	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	38921	16.587	ug/l	99
10) Methyl Iodide	2.452	142	44816	18.828	ug/l	99
11) Tert butyl alcohol	3.001	59	56828	91.687	ug/l	96
12) 1,1-Dichloroethene	2.318	96	37797	17.186	ug/l	96
13) Acrolein	2.239	56	52817	85.932	ug/l	99
14) Allyl chloride	2.666	41	78914	18.162	ug/l	98
15) Acrylonitrile	3.068	53	130539	92.075	ug/l	100
16) Acetone	2.391	43	129438	90.081	ug/l	98
17) Carbon Disulfide	2.513	76	89985	17.664	ug/l	99
18) Methyl Acetate	2.702	43	102330	18.444	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	153943	18.154	ug/l	99
20) Methylene Chloride	2.788	84	48276	14.582	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	44173	18.219	ug/l	97
22) Diisopropyl ether	3.757	45	160293	18.372	ug/l	99
23) Vinyl Acetate	3.720	43	560647	92.245	ug/l	100
24) 1,1-Dichloroethane	3.611	63	85926	17.846	ug/l	100
25) 2-Butanone	4.562	43	186247	89.609	ug/l	96
26) 2,2-Dichloropropane	4.476	77	64252	17.305	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	53085	18.823	ug/l	94
28) Bromochloromethane	4.897	49	51315	21.993	ug/l	91
29) Tetrahydrofuran	5.007	42	123067	91.520	ug/l	99
30) Chloroform	5.092	83	90792	18.381	ug/l	99
31) Cyclohexane	5.464	56	64446	15.245	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	73306	17.175	ug/l	99
36) 1,1-Dichloropropene	5.690	75	60832	15.964	ug/l	98
37) Ethyl Acetate	4.708	43	68896	16.702	ug/l	98
38) Carbon Tetrachloride	5.677	117	57488	16.006	ug/l	97
39) Methylcyclohexane	7.378	83	62618	14.401	ug/l	98
40) Benzene	6.037	78	187002	17.521	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 11:13:08 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39654	16.887	ug/l	96
42) 1,2-Dichloroethane	6.086	62	74753	16.581	ug/l	98
43) Isopropyl Acetate	6.342	43	113354	17.148	ug/l	98
44) Trichloroethene	7.128	130	47569	17.892	ug/l	99
45) 1,2-Dichloropropane	7.427	63	49396	17.550	ug/l	97
46) Dibromomethane	7.580	93	34507	17.855	ug/l	95
47) Bromodichloromethane	7.823	83	65122	18.078	ug/l	100
48) Methyl methacrylate	7.695	41	56666	16.700	ug/l	95
49) 1,4-Dioxane	7.701	88	26330	363.611	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	360970	87.722	ug/l	99
52) Toluene	8.720	92	119835	17.877	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	67386	18.115	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	75259	18.535	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	49974	18.805	ug/l	98
56) Ethyl methacrylate	9.116	69	74113	17.713	ug/l	95
57) 1,3-Dichloropropane	9.311	76	84371	17.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	191458	86.482	ug/l	98
59) 2-Hexanone	9.433	43	273692	87.998	ug/l	98
60) Dibromochloromethane	9.518	129	47049	19.349	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51082	18.254	ug/l	98
64) Tetrachloroethene	9.274	164	38534	17.577	ug/l	96
65) Chlorobenzene	10.079	112	123803	17.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	44939	18.997	ug/l	98
67) Ethyl Benzene	10.195	91	224296	17.534	ug/l	99
68) m/p-Xylenes	10.299	106	168735	35.651	ug/l	100
69) o-Xylene	10.640	106	85757	18.239	ug/l	97
70) Styrene	10.652	104	141710	18.347	ug/l	98
71) Bromoform	10.798	173	29654	19.389	ug/l #	98
73) Isopropylbenzene	10.963	105	215718	17.165	ug/l	98
74) N-amyl acetate	10.841	43	97161	17.776	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	74488	18.133	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	68818m	17.796	ug/l	
77) Bromobenzene	11.201	156	52595	18.554	ug/l	95
78) n-propylbenzene	11.304	91	242511	16.556	ug/l	98
79) 2-Chlorotoluene	11.365	91	156682	16.873	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	183145	17.104	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17543	16.647	ug/l	96
82) 4-Chlorotoluene	11.457	91	181605	17.186	ug/l	98
83) tert-Butylbenzene	11.713	119	172190	16.752	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	187366	17.473	ug/l	99
85) sec-Butylbenzene	11.890	105	206043	16.040	ug/l	100
86) p-Isopropyltoluene	12.012	119	175529	16.342	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96648	17.863	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	99207	17.799	ug/l	99
89) n-Butylbenzene	12.329	91	145924	15.456	ug/l	99
90) Hexachloroethane	12.536	117	26385	16.980	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	98746	18.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16012	18.627	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	56541	17.994	ug/l	99
94) Hexachlorobutadiene	13.725	225	19588	15.547	ug/l	99
95) Naphthalene	13.774	128	204235	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55249	17.644	ug/l	98

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

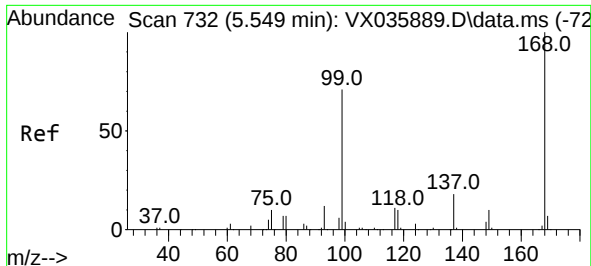
Manual Integrations
APPROVED

Reviewed By : John Carlone 06/01/2023
Supervised By : Mahesh Dadoda 06/01/2023

Quant Time: May 31 11:17:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 11:13:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



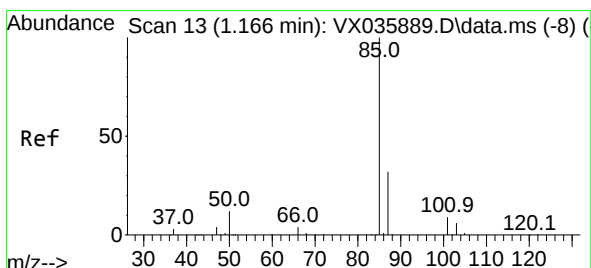
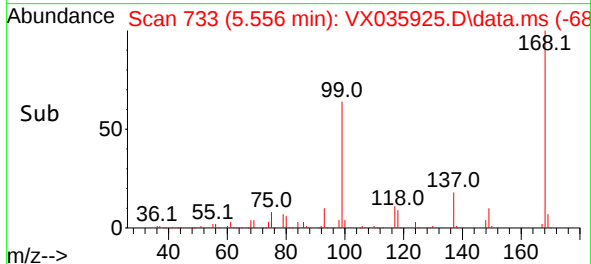
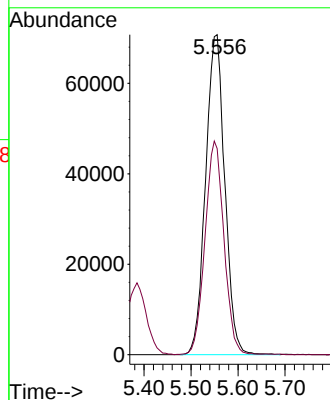
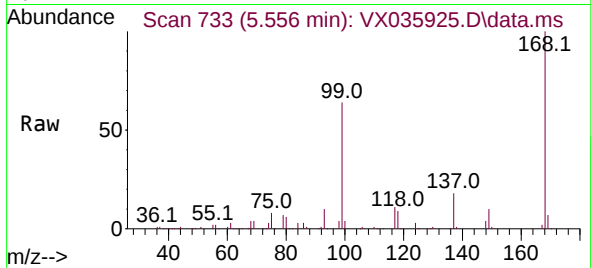
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 200285
Ion Ratio Lower Upper
168 100
99 64.3 57.0 85.6

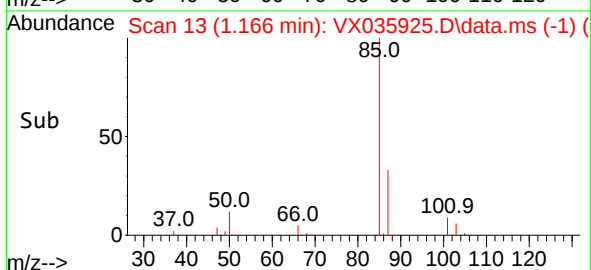
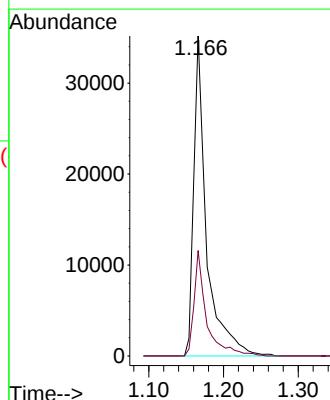
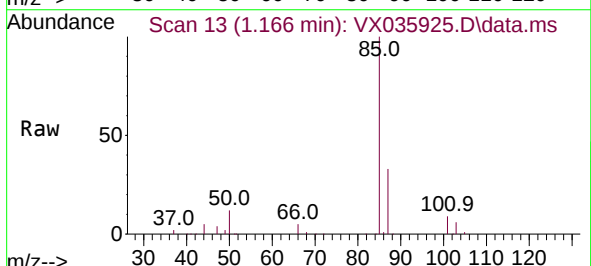
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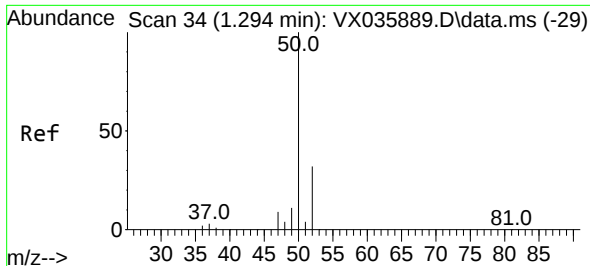
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#2
Dichlorodifluoromethane
Concen: 15.662 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 85 Resp: 41717
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





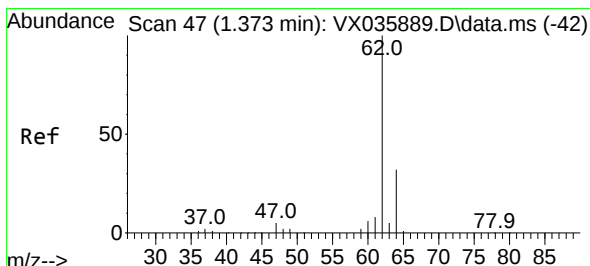
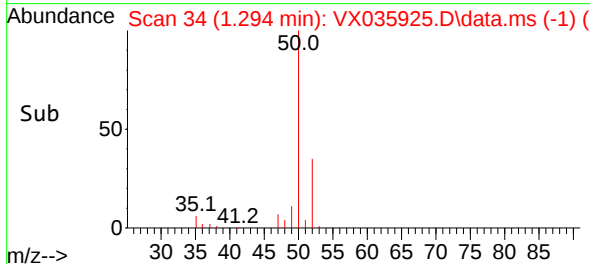
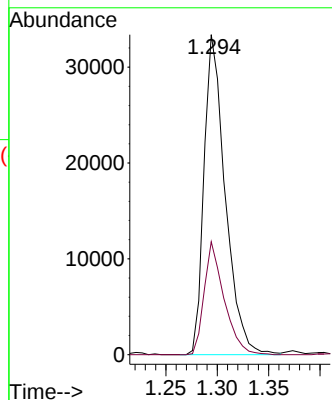
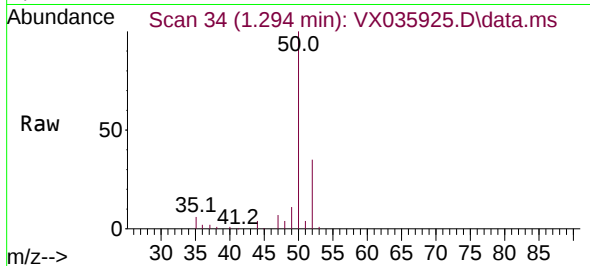
#3
Chloromethane
Concen: 17.489 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 48030
Ion Ratio Lower Upper
50 100
52 35.3 25.4 38.2

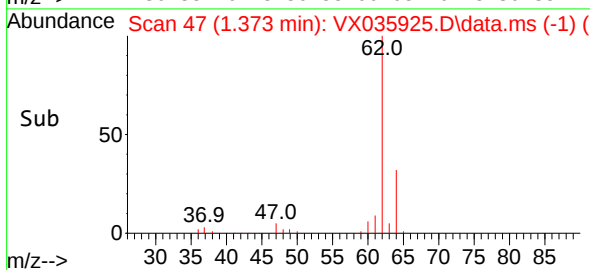
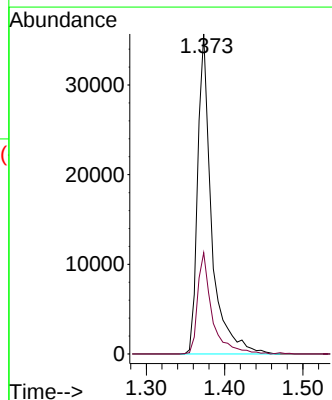
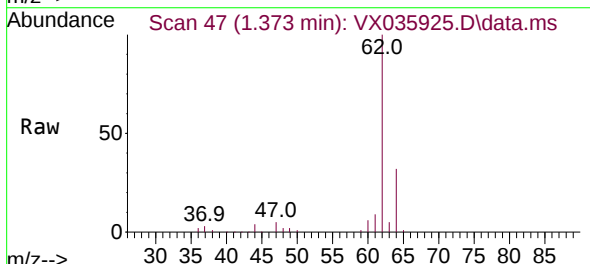
Manual Integrations
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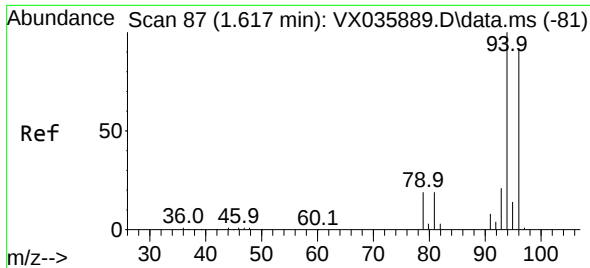
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#4
Vinyl Chloride
Concen: 16.688 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

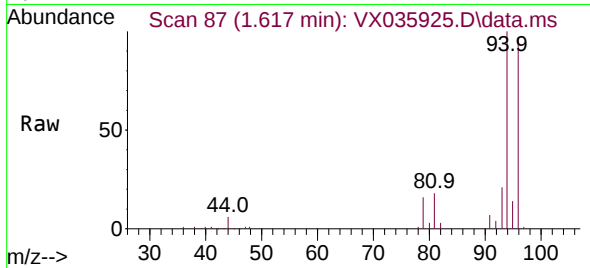
Tgt Ion: 62 Resp: 44023
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5
Bromomethane
Concen: 17.992 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

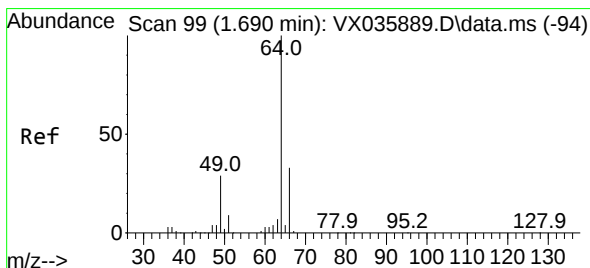
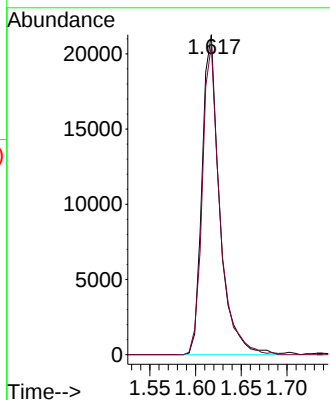
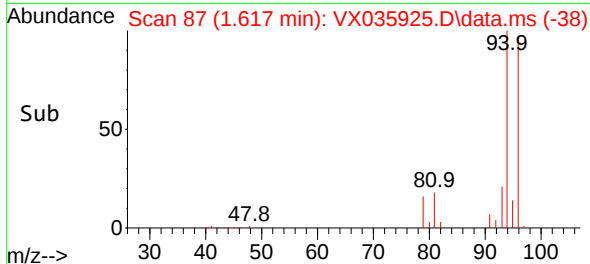
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 2844
Ion Ratio Lower Upper
94 100
96 96.7 73.5 110.3

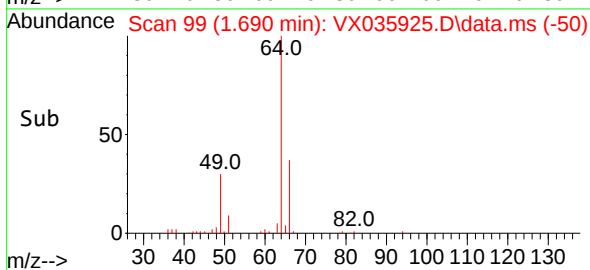
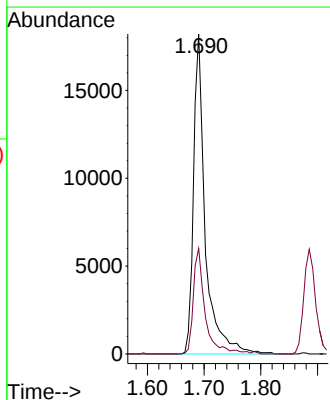
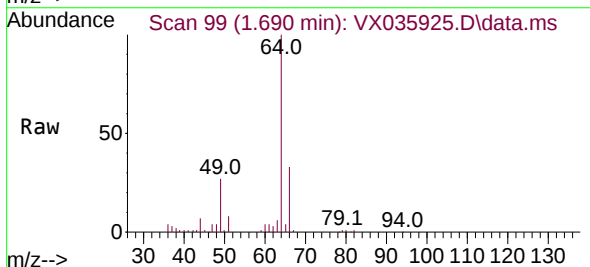
Manual Integrations
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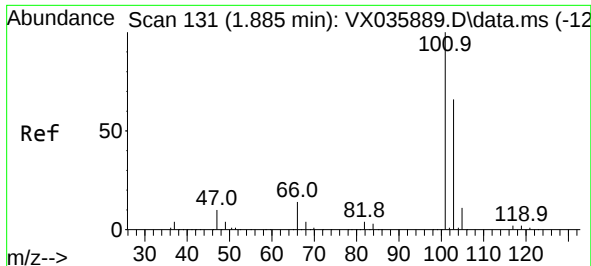
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#6
Chloroethane
Concen: 17.719 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035925.D
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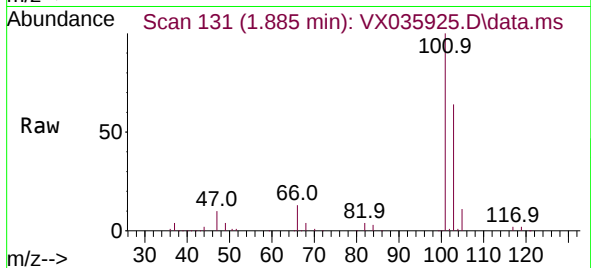
Tgt Ion: 64 Resp: 26118
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 16.008 ug/l
 RT: 1.885 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035925.D
 Acq: 31 May 2023 10:49

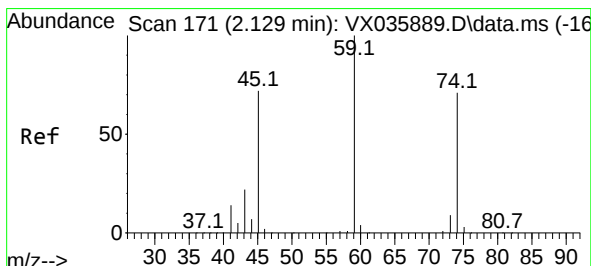
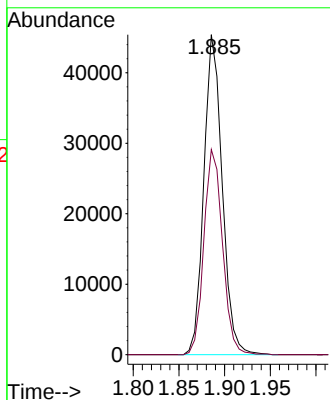
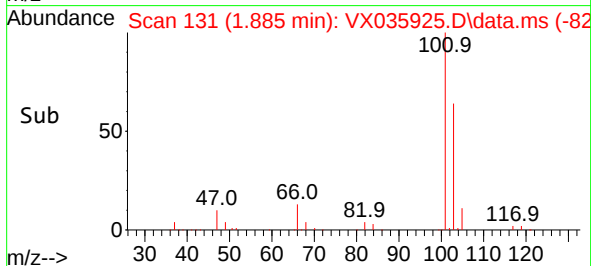
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



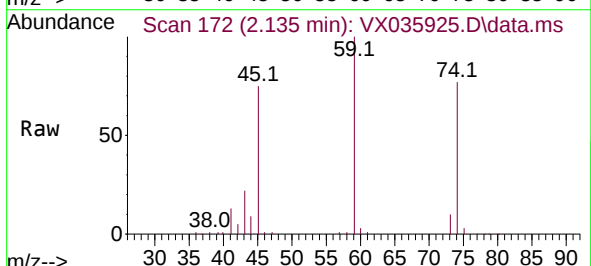
Tgt Ion:101 Resp: 6337
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8

Manual Integrations
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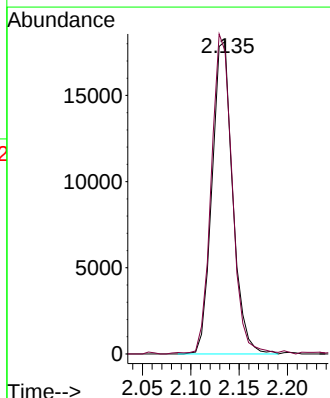
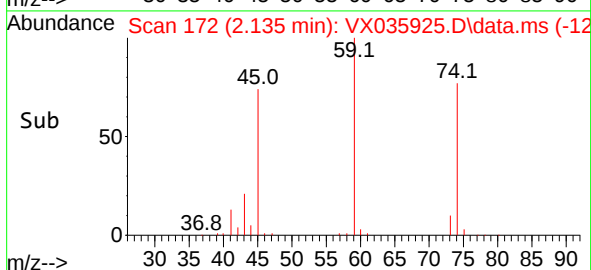
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

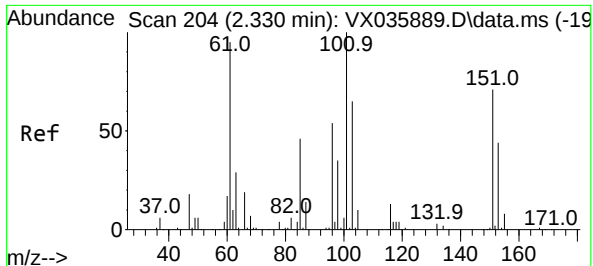


#8
 Diethyl Ether
 Concen: 18.485 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX035925.D
 Acq: 31 May 2023 10:49



Tgt Ion: 74 Resp: 26874
 Ion Ratio Lower Upper
 74 100
 45 103.4 50.6 151.9





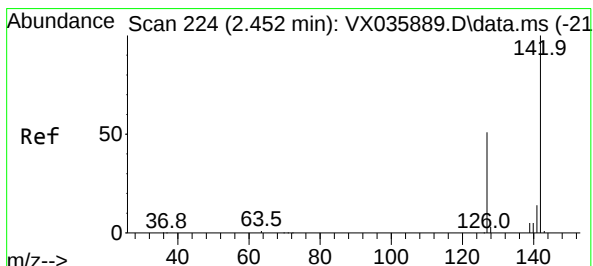
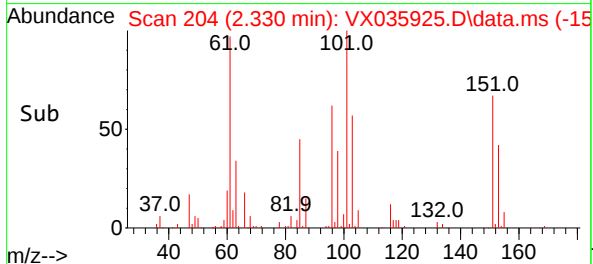
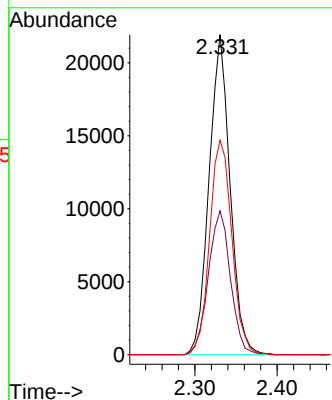
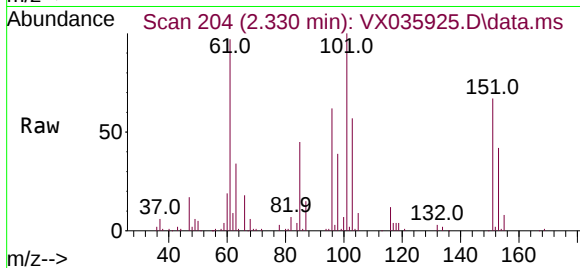
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.587 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3892
Ion Ratio Lower Upper
101 100
85 47.3 37.3 55.9
151 71.1 57.0 85.6

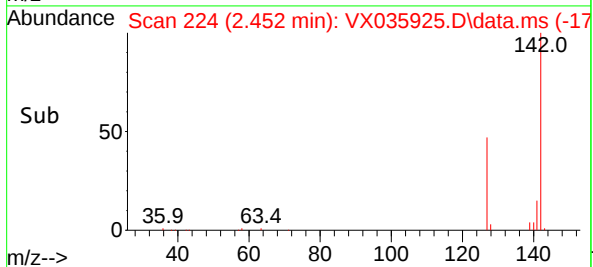
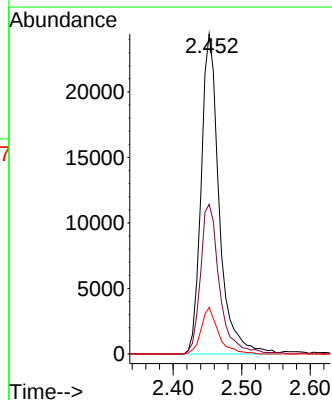
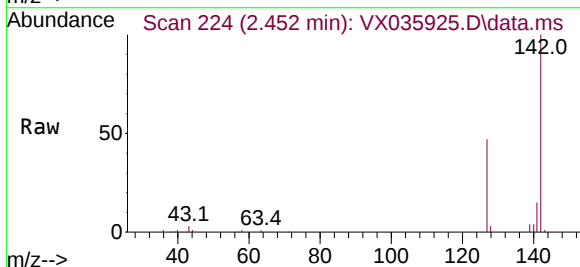
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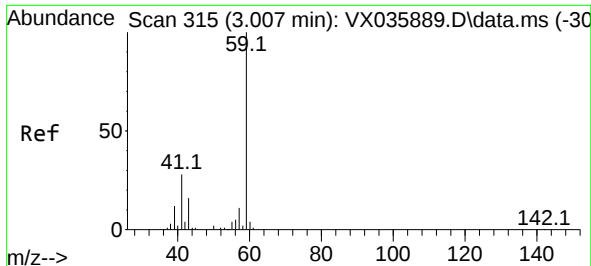
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#10
Methyl Iodide
Concen: 18.828 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion:142 Resp: 44816
Ion Ratio Lower Upper
142 100
127 49.2 40.3 60.5
141 13.9 11.4 17.0





#11

Tert butyl alcohol

Concen: 91.687 ug/l

RT: 3.001 min Scan# 315

Delta R.T. -0.006 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 5682

Ion Ratio Lower Upper

59 100

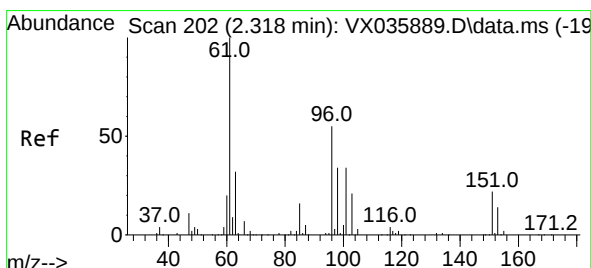
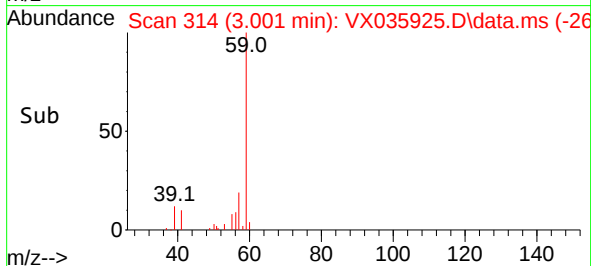
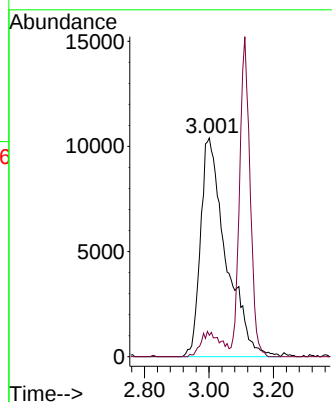
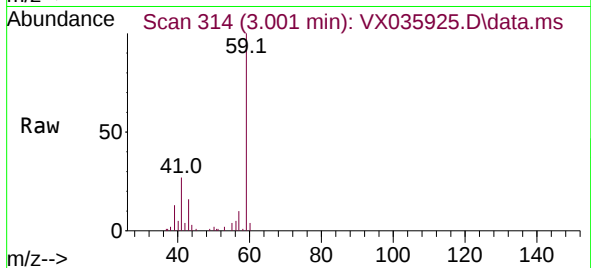
57 8.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#12

1,1-Dichloroethene

Concen: 17.186 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

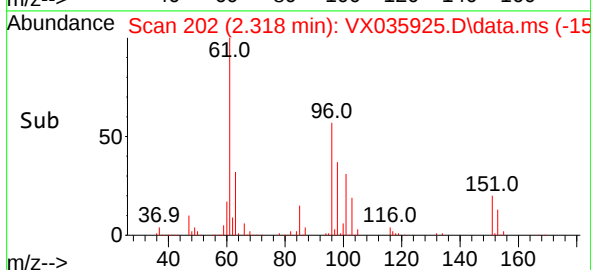
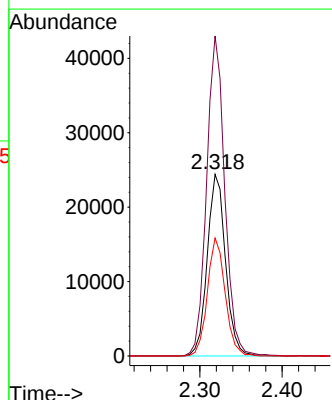
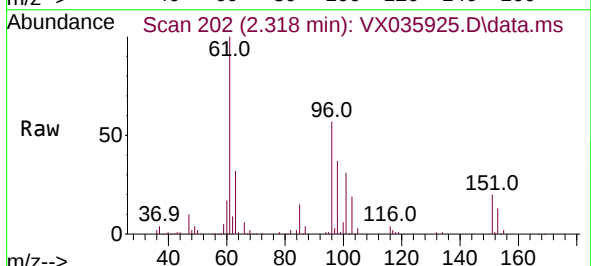
Tgt Ion: 96 Resp: 37797

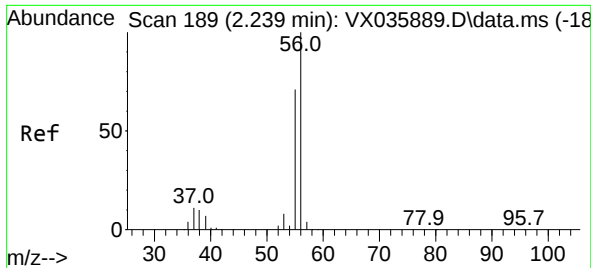
Ion Ratio Lower Upper

96 100

61 176.2 145.2 217.8

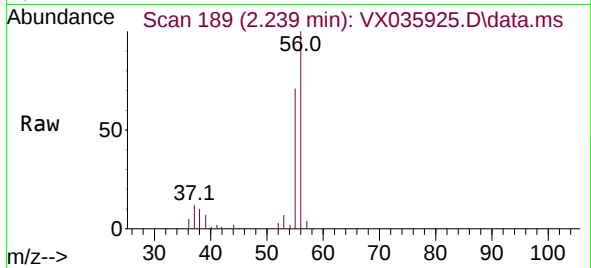
98 65.0 49.3 73.9





#13
Acrolein
Concen: 85.932 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

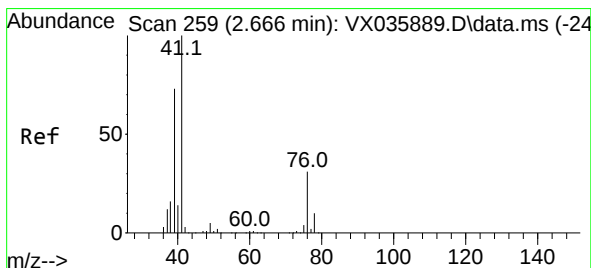
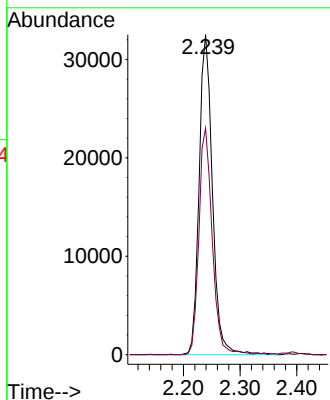
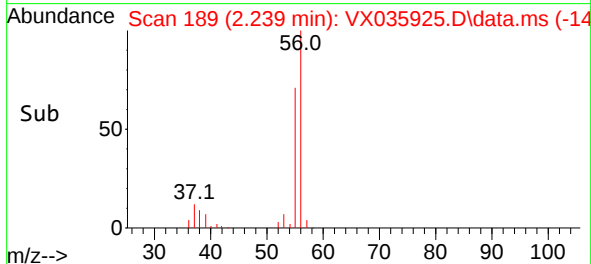
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 5281
Ion Ratio Lower Upper
56 100
55 71.0 57.3 85.9

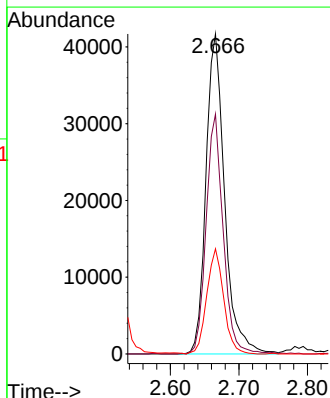
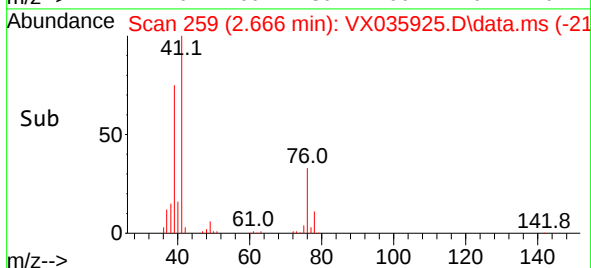
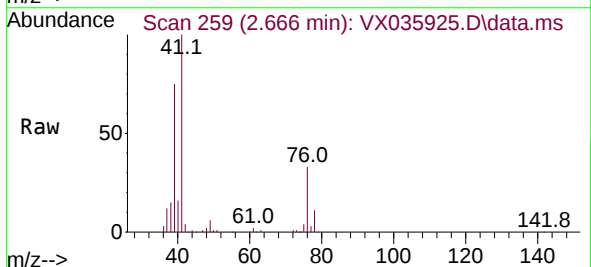
Manual Integrations
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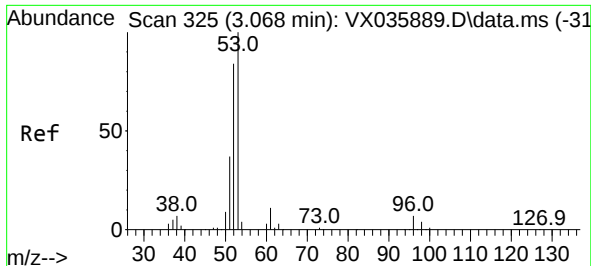
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#14
Allyl chloride
Concen: 18.162 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

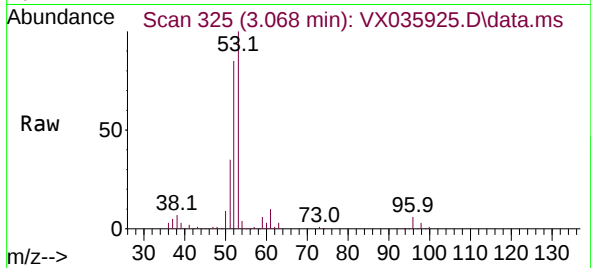
Tgt Ion: 41 Resp: 78914
Ion Ratio Lower Upper
41 100
39 68.7 56.9 85.3
76 29.9 24.1 36.1





#15
Acrylonitrile
Concen: 92.075 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

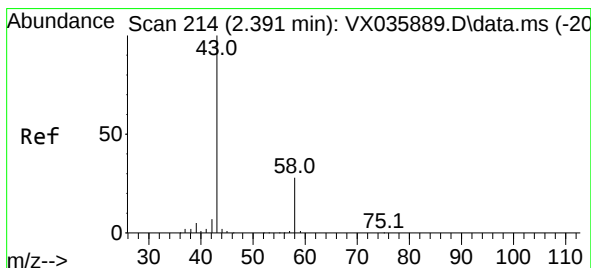
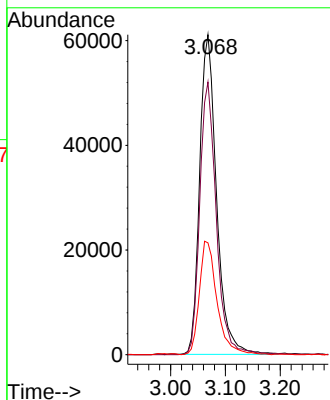
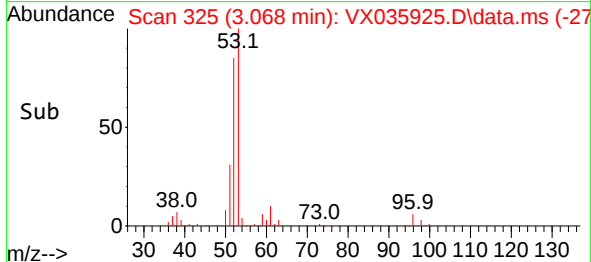
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



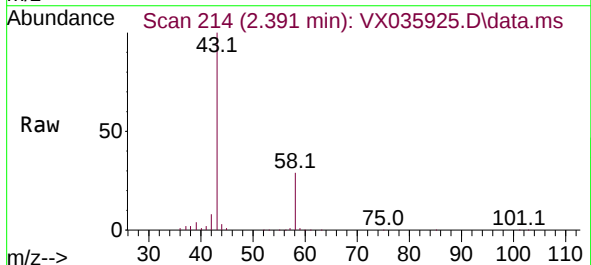
Tgt Ion: 53 Resp: 130539
Ion Ratio Lower Upper
53 100
52 83.9 67.0 100.4
51 37.2 29.8 44.8

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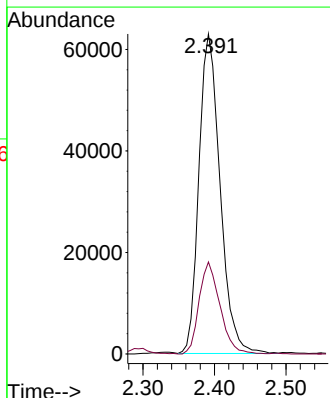
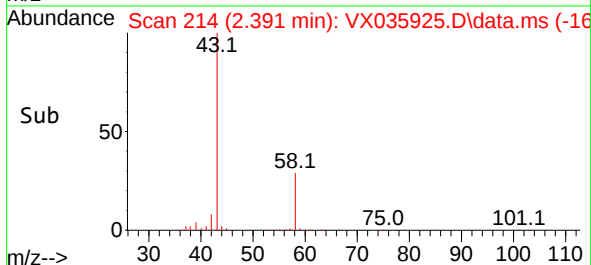
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

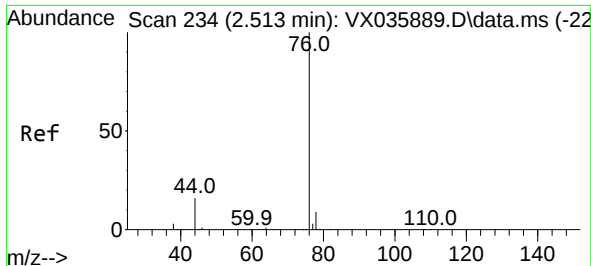


#16
Acetone
Concen: 90.081 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



Tgt Ion: 43 Resp: 129438
Ion Ratio Lower Upper
43 100
58 28.8 22.2 33.2





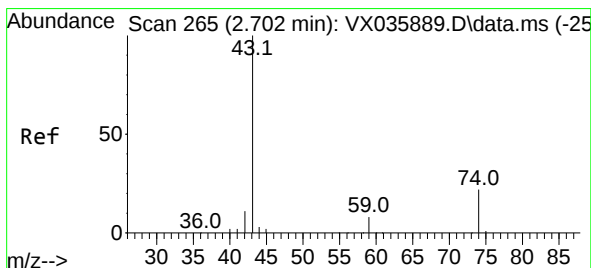
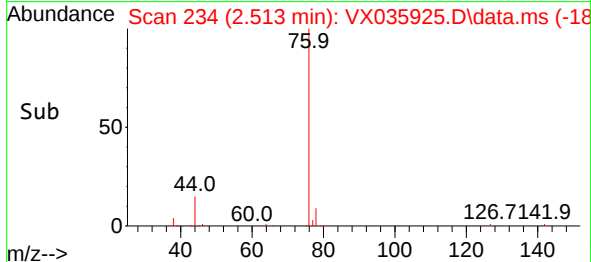
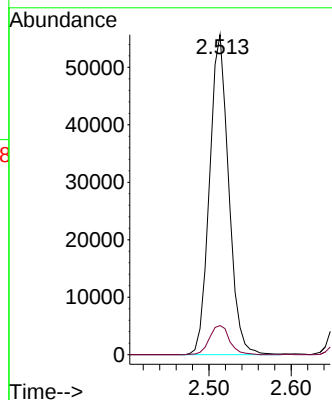
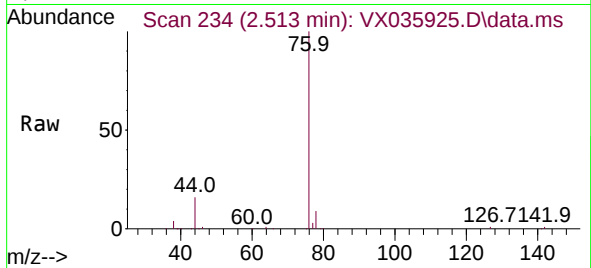
#17
Carbon Disulfide
Concen: 17.664 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 8998
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

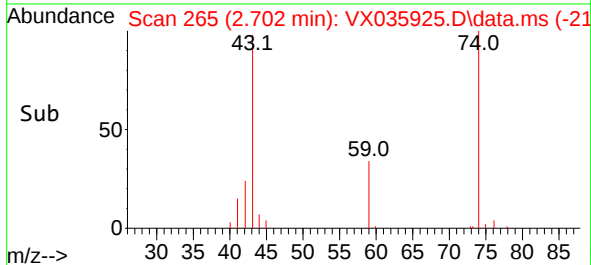
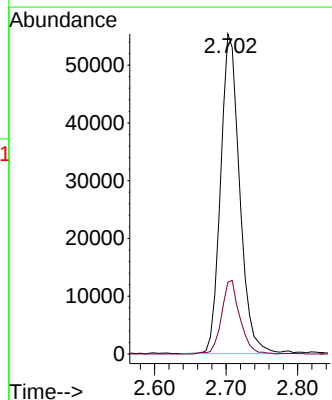
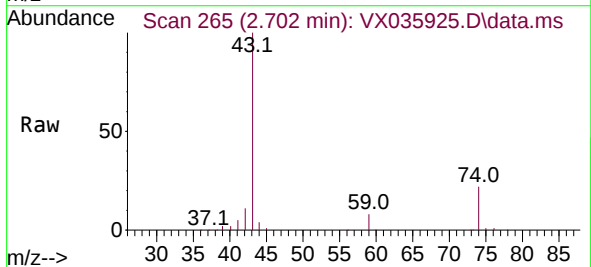
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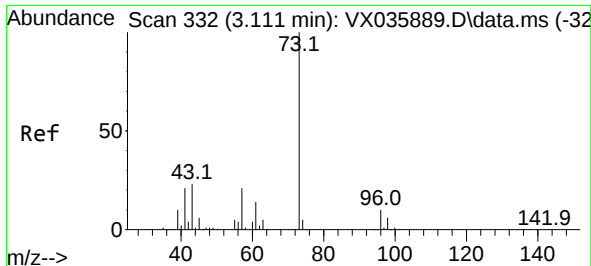
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#18
Methyl Acetate
Concen: 18.444 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 43 Resp: 102330
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5





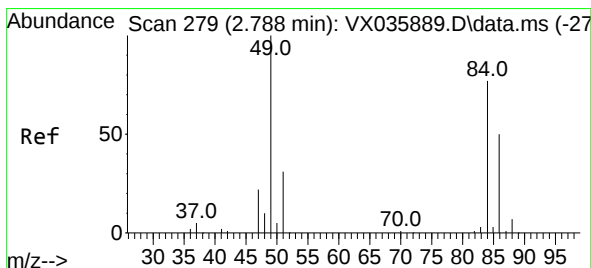
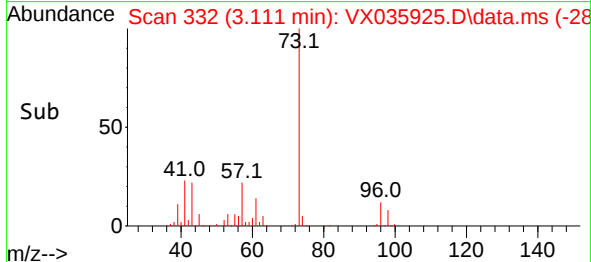
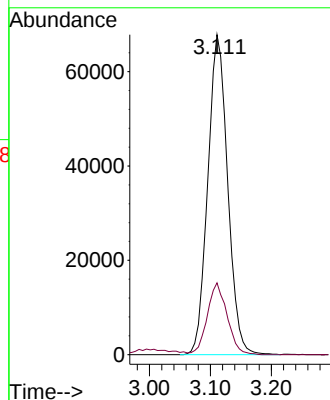
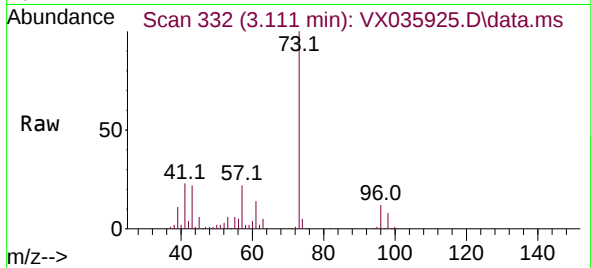
#19
Methyl tert-butyl Ether
Concen: 18.154 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 15394
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

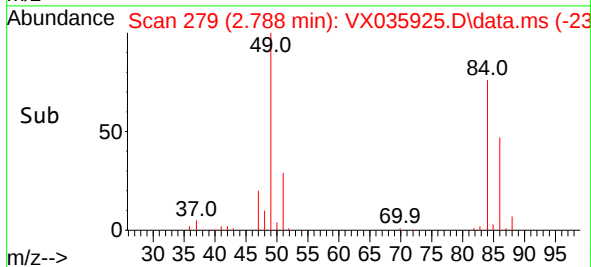
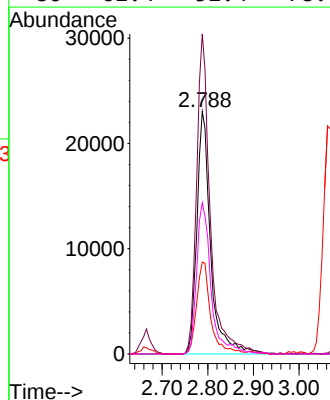
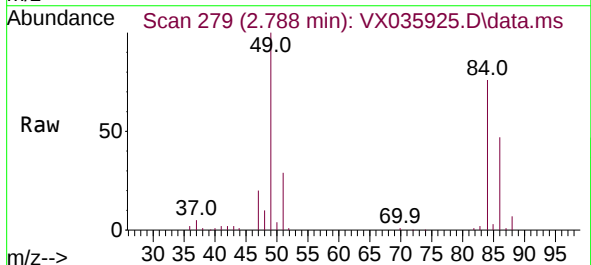
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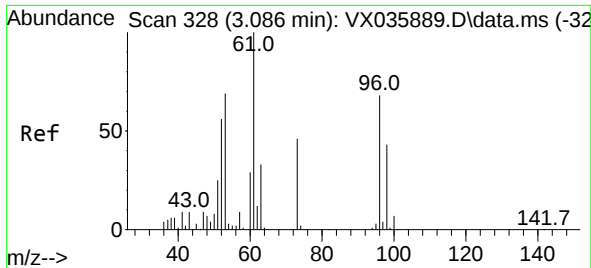
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#20
Methylene Chloride
Concen: 14.582 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 84 Resp: 48276
Ion Ratio Lower Upper
84 100
49 132.0 104.6 156.8
51 37.9 32.2 48.4
86 62.4 52.4 78.6





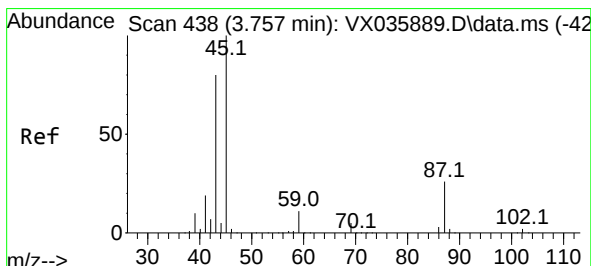
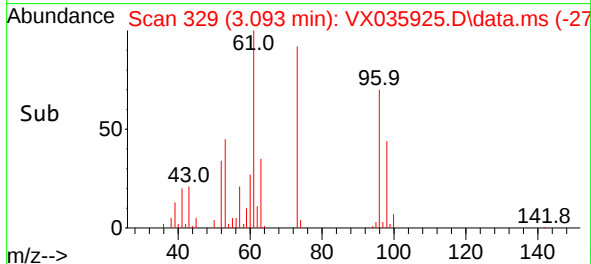
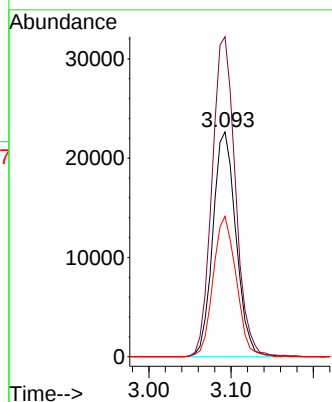
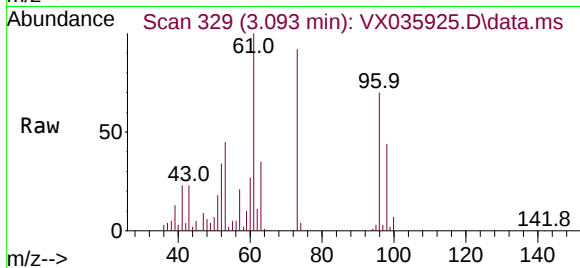
#21
trans-1,2-Dichloroethene
Concen: 18.219 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 4417
Ion Ratio Lower Upper
96 100
61 142.3 118.2 177.4
98 62.4 50.6 75.8

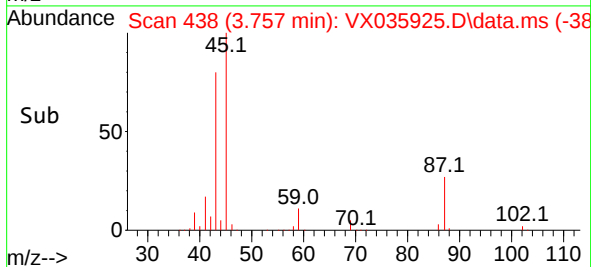
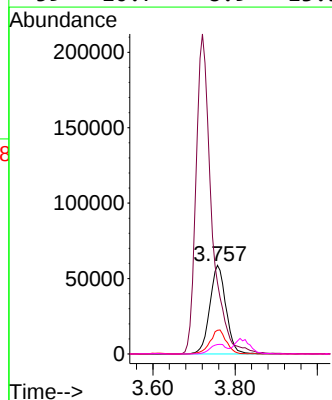
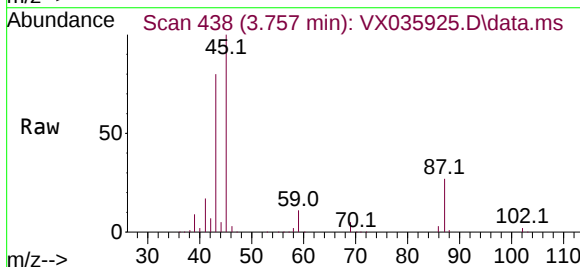
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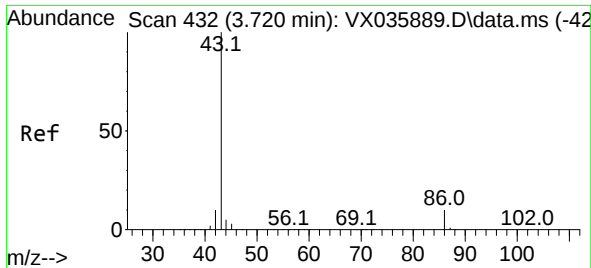
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#22
Diisopropyl ether
Concen: 18.372 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 45 Resp: 160293
Ion Ratio Lower Upper
45 100
43 80.4 63.8 95.6
87 26.7 20.6 31.0
59 10.7 8.9 13.3





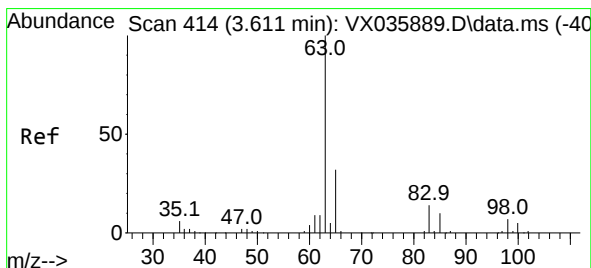
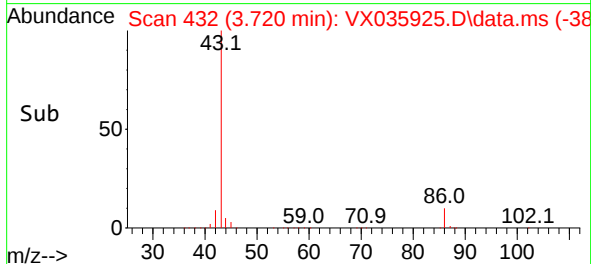
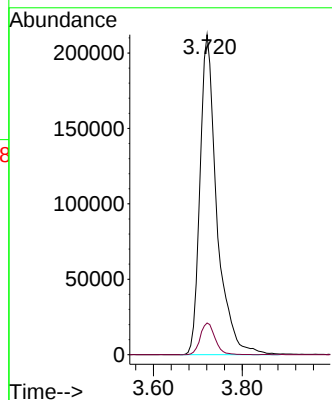
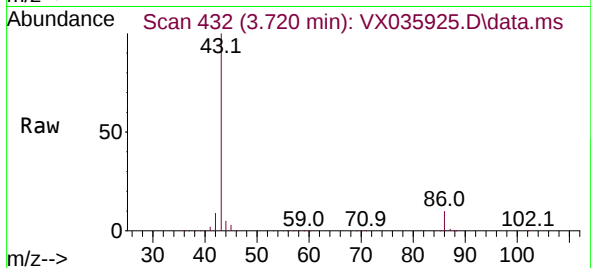
#23
 Vinyl Acetate
 Concen: 92.245 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035925.D
 Acq: 31 May 2023 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 56064
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.6

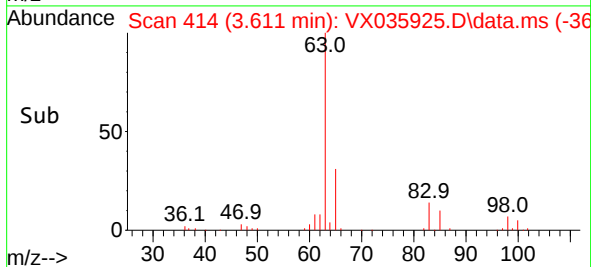
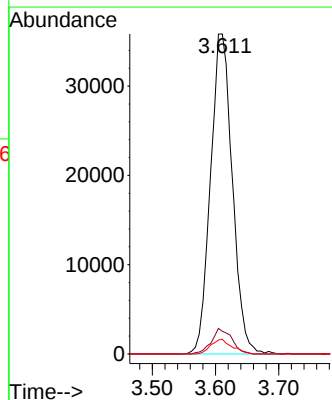
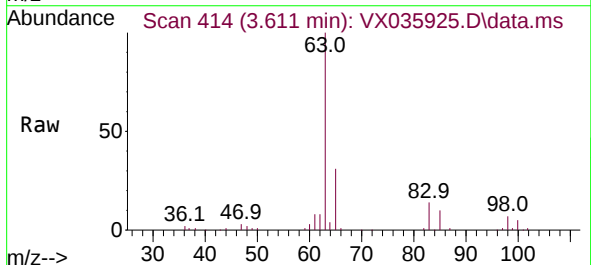
Manual Integrations
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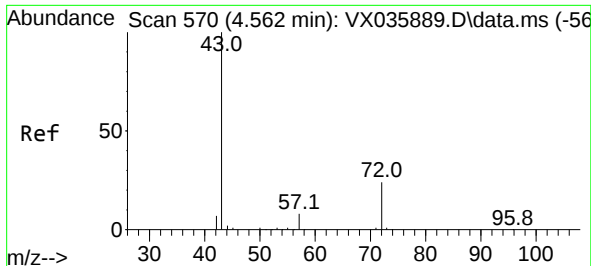
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023



#24
 1,1-Dichloroethane
 Concen: 17.846 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035925.D
 Acq: 31 May 2023 10:49

Tgt Ion: 63 Resp: 85926
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.6 2.3 6.9





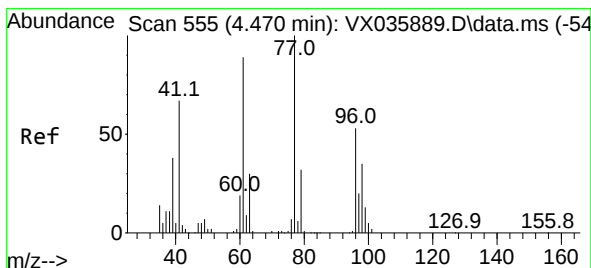
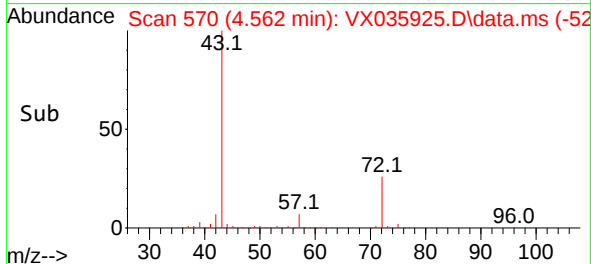
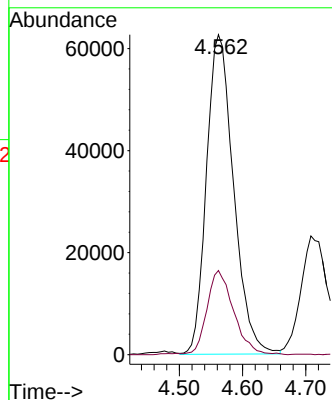
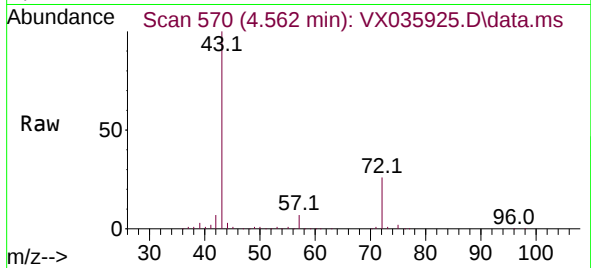
#25
2-Butanone
Concen: 89.609 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 18624
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

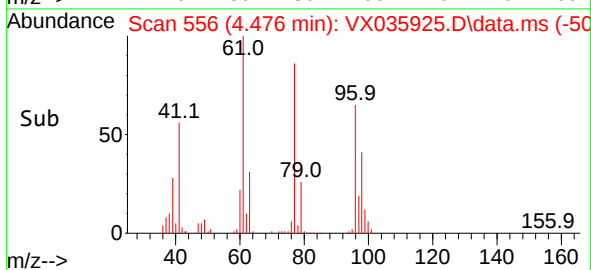
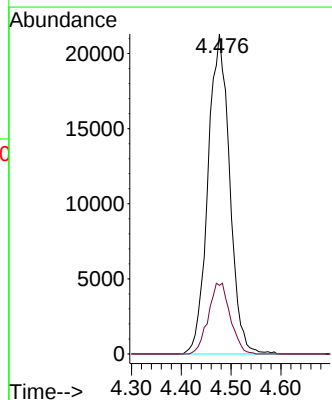
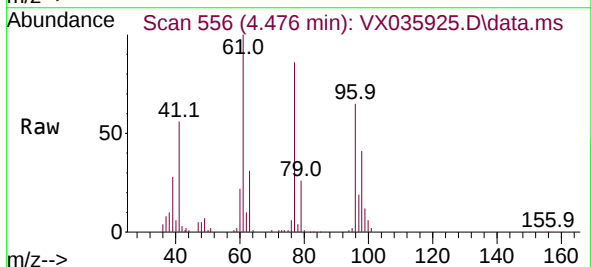
Manual Integrations
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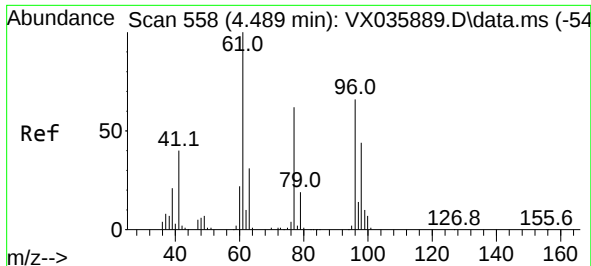
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#26
2,2-Dichloropropane
Concen: 17.305 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 77 Resp: 64252
Ion Ratio Lower Upper
77 100
97 22.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.823 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

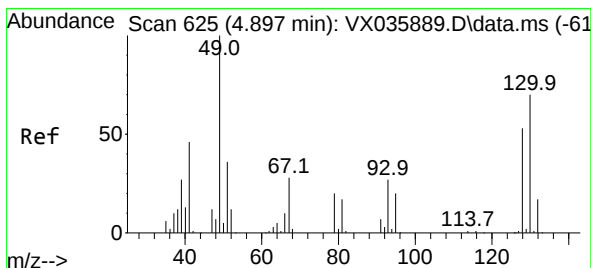
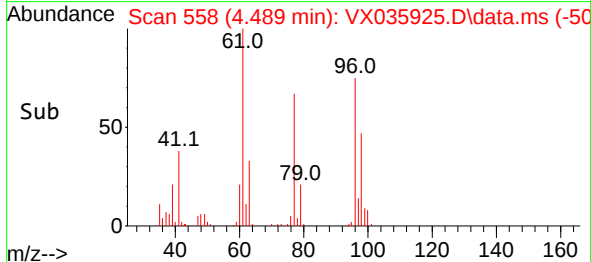
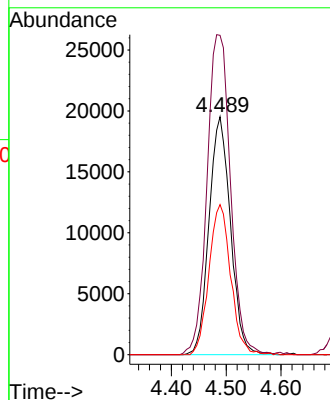
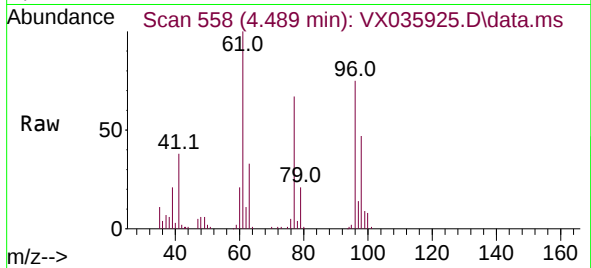
Tgt Ion: 96	Resp: 5308
Ion Ratio	Lower Upper
96 100	
61 146.9	0.0 312.6
98 63.7	0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#28

Bromochloromethane

Concen: 21.993 ug/l

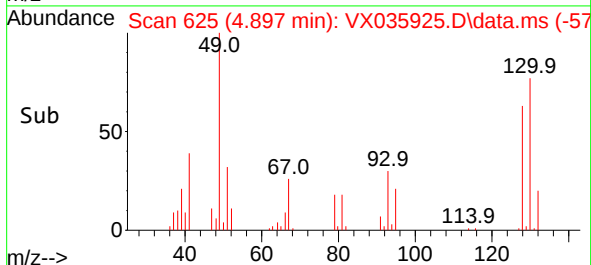
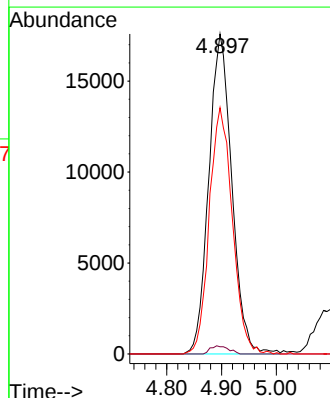
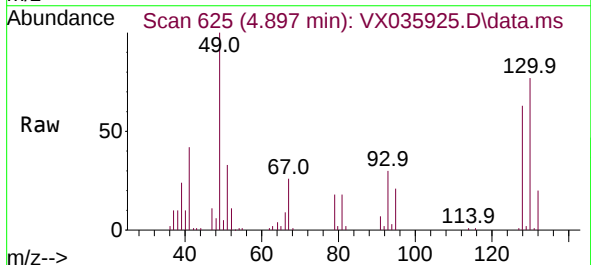
RT: 4.897 min Scan# 625

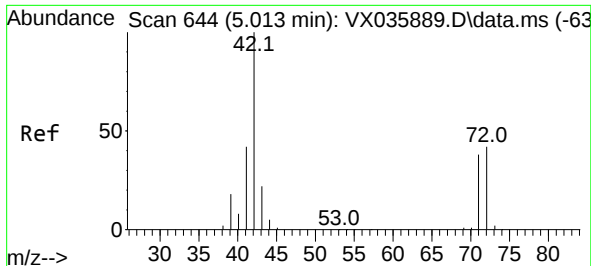
Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Tgt Ion: 49	Resp: 51315
Ion Ratio	Lower Upper
49 100	
129 2.0	0.0 3.6
130 77.0	55.8 83.8





#29

Tetrahydrofuran

Concen: 91.520 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 12306

Ion Ratio Lower Upper

42 100

72 43.4 34.2 51.2

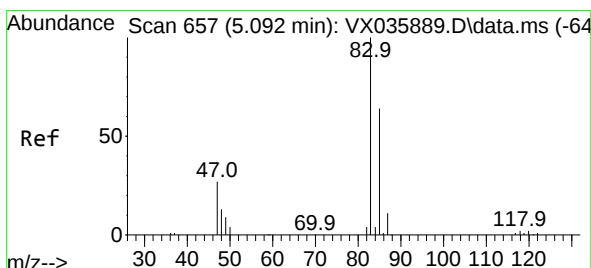
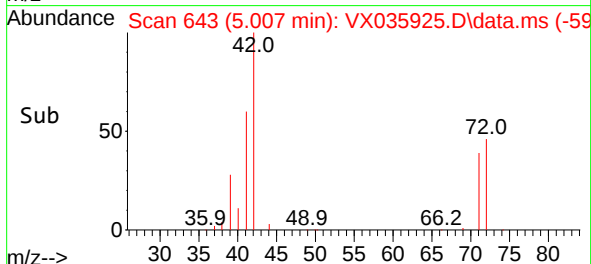
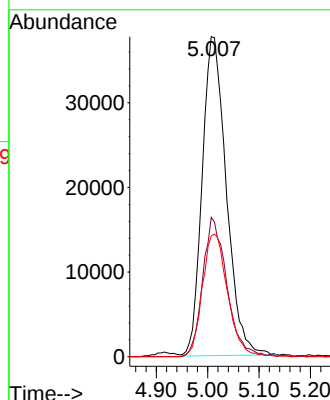
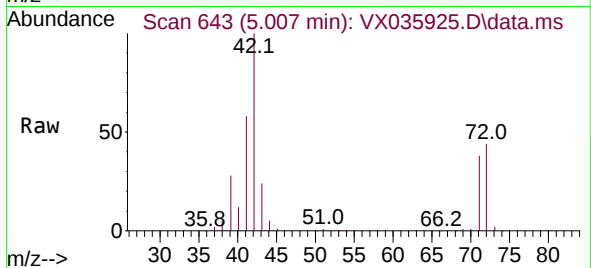
71 40.0 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#30

Chloroform

Concen: 18.381 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035925.D

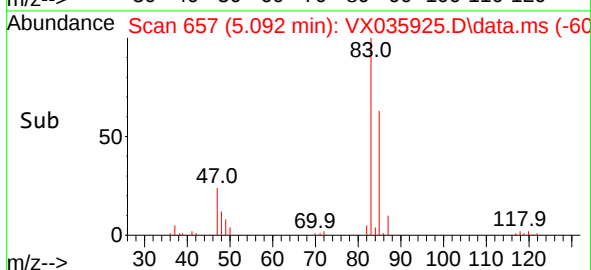
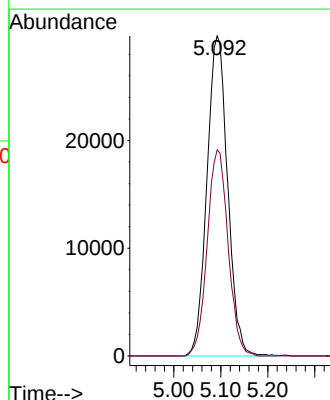
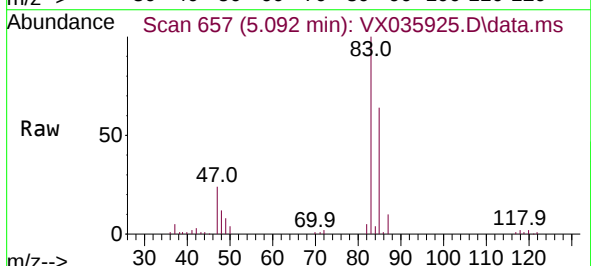
Acq: 31 May 2023 10:49

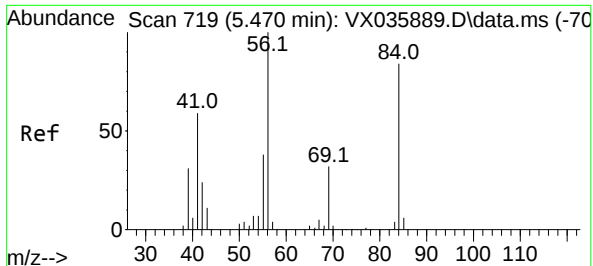
Tgt Ion: 83 Resp: 90792

Ion Ratio Lower Upper

83 100

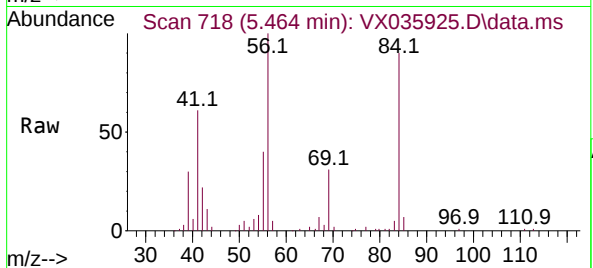
85 64.4 51.0 76.4





#31
Cyclohexane
Concen: 15.245 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

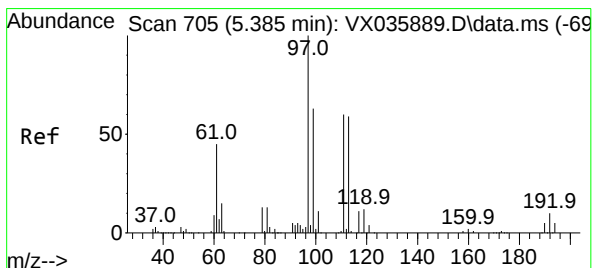
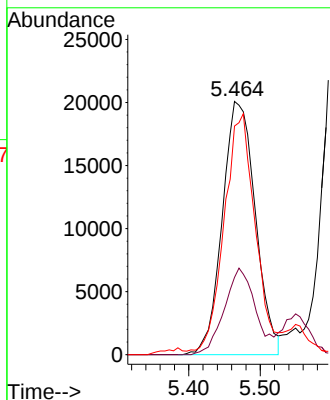
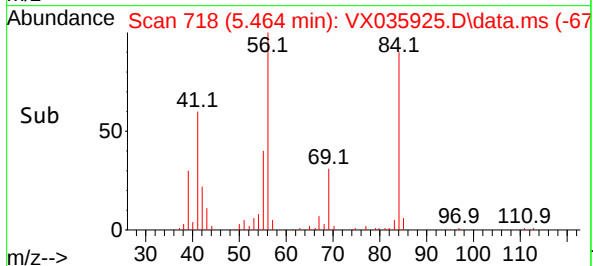
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



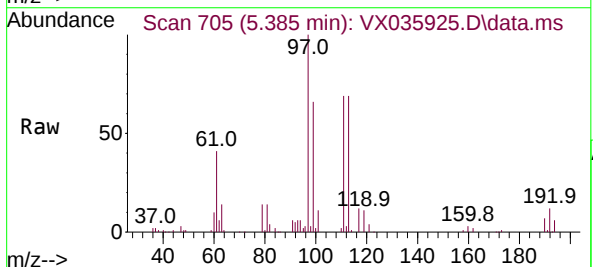
Tgt Ion: 56 Resp: 64440
Ion Ratio Lower Upper
56 100
69 30.5 25.9 38.9
84 87.5 67.6 101.4

Manual Integrations
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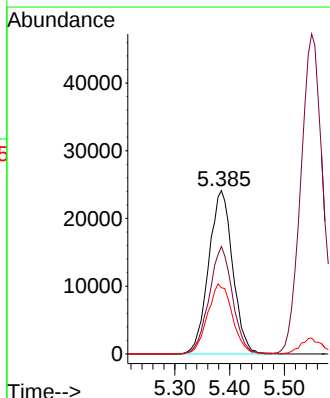
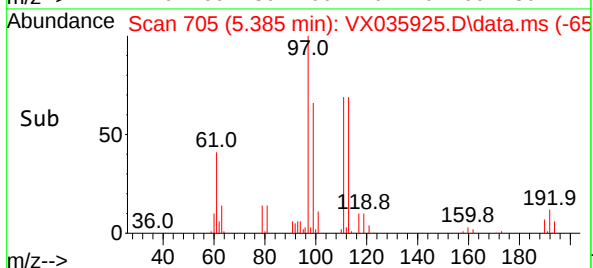
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

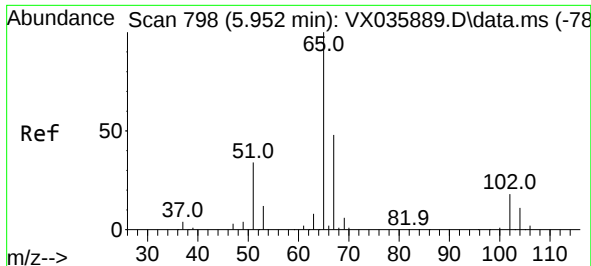


#32
1,1,1-Trichloroethane
Concen: 17.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



Tgt Ion: 97 Resp: 73306
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 44.3 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 18.052 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 6425

Ion Ratio Lower Upper

65 100

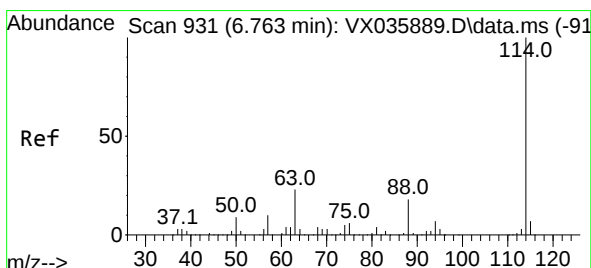
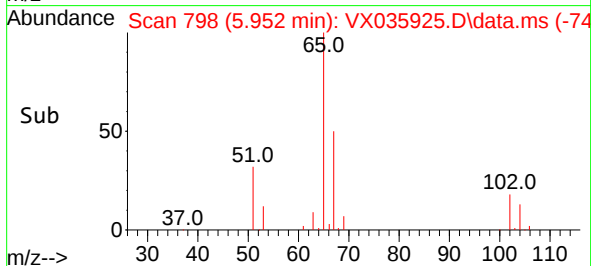
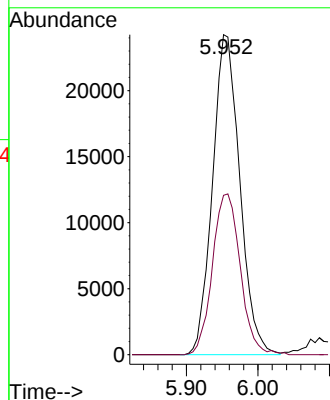
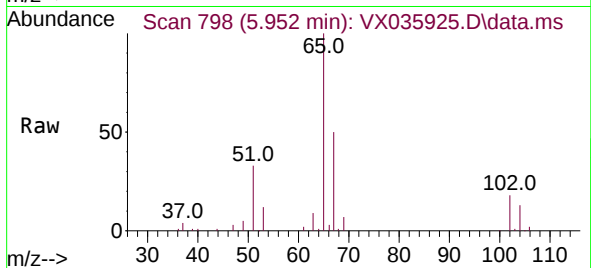
67 51.3 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

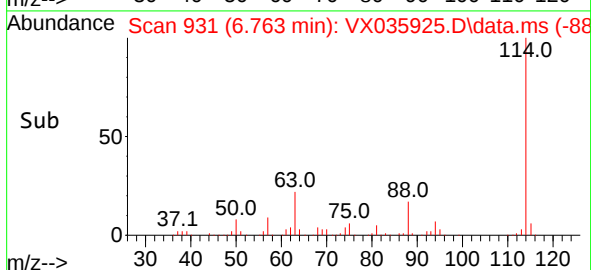
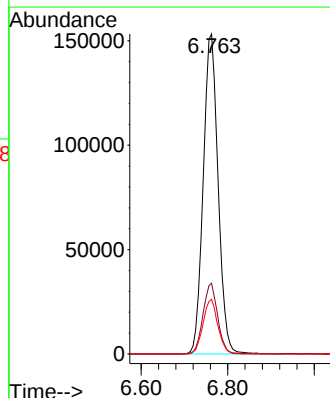
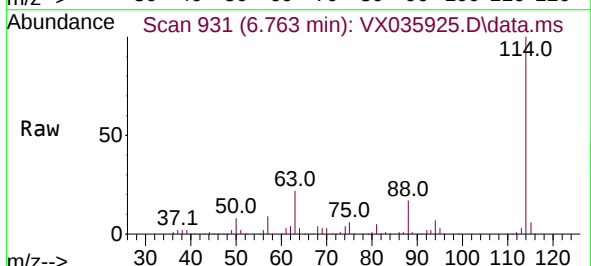
Tgt Ion:114 Resp: 365343

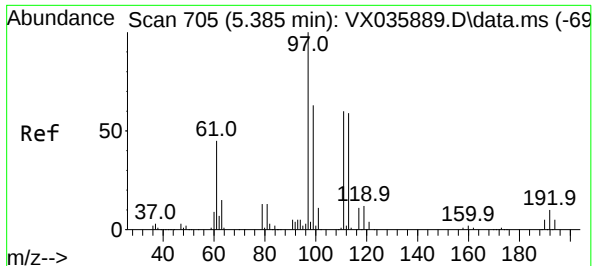
Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.0

88 17.1 0.0 35.2





#35

Dibromofluoromethane

Concen: 19.379 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

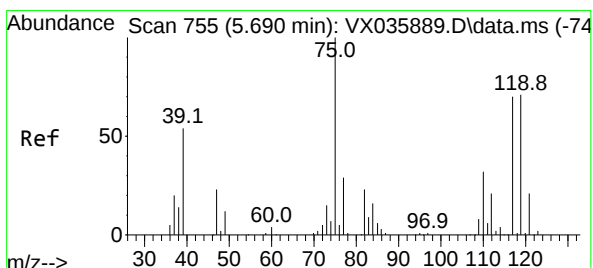
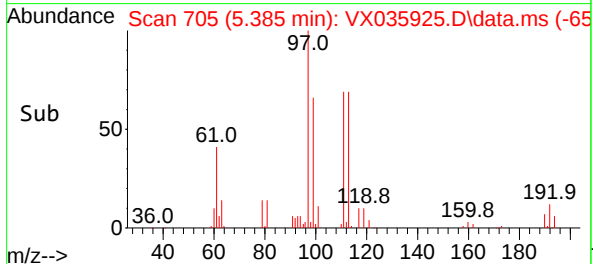
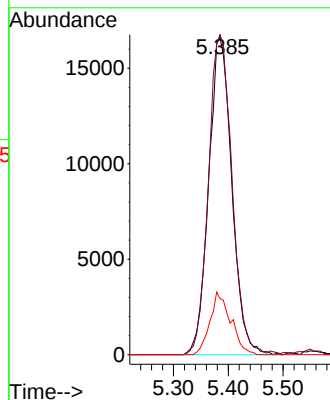
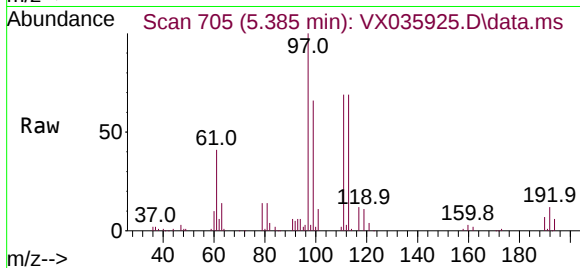
Tgt Ion:	113	Resp:	4863
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.7	122.5
192	17.8	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#36

1,1-Dichloropropene

Concen: 15.964 ug/l

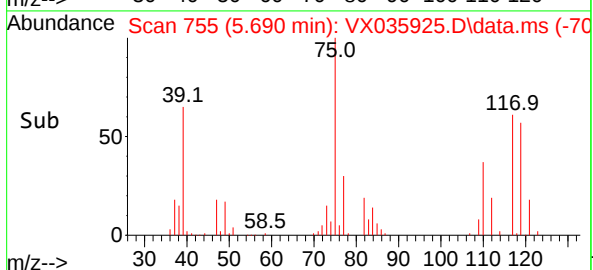
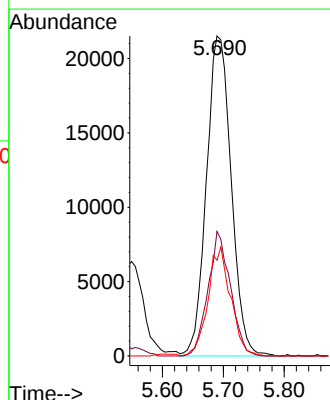
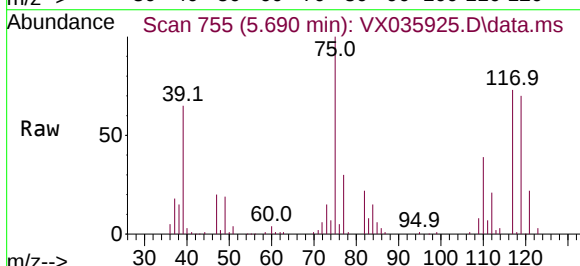
RT: 5.690 min Scan# 755

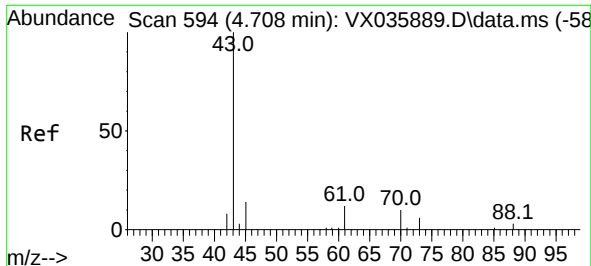
Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Tgt Ion:	75	Resp:	60832
Ion Ratio	Lower	Upper	
75	100		
110	35.2	16.6	49.7
77	31.1	24.4	36.6





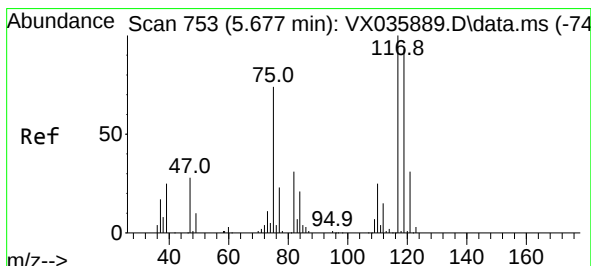
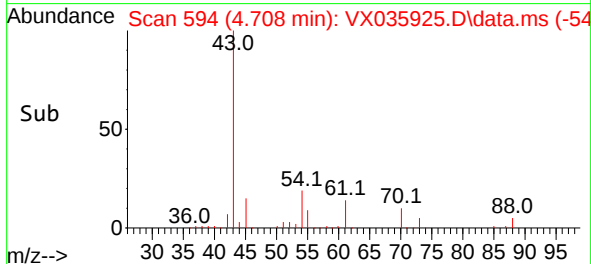
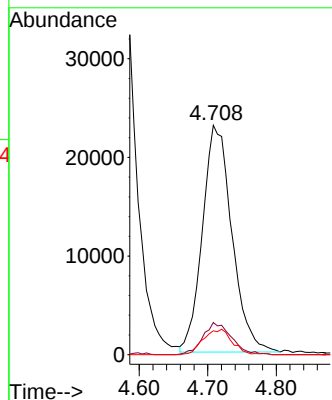
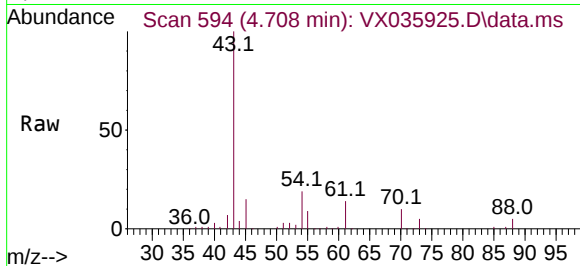
#37
Ethyl Acetate
Concen: 16.702 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 68890
Ion Ratio Lower Upper
43 100
61 13.7 10.3 15.5
70 10.9 8.3 12.5

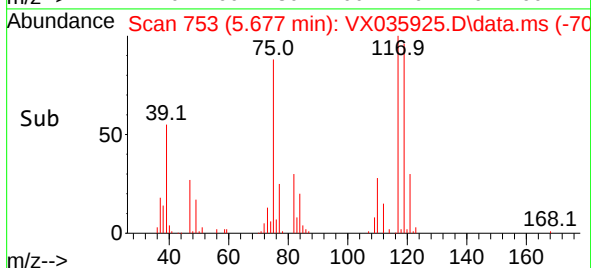
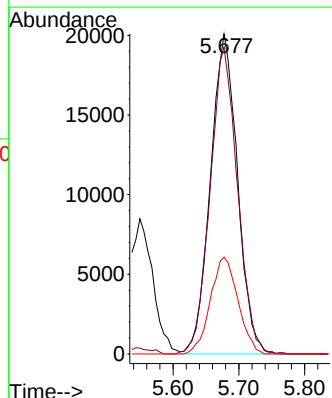
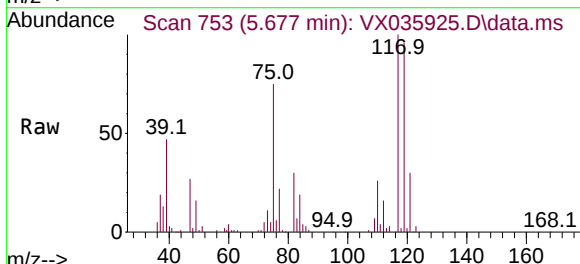
Manual Integrations
APPROVED

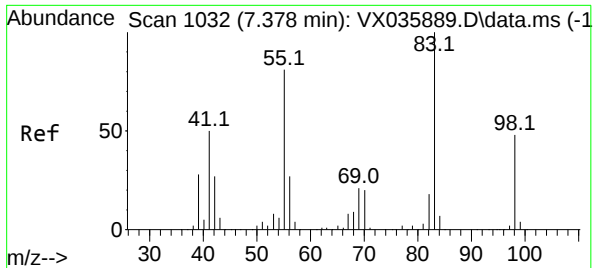
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#38
Carbon Tetrachloride
Concen: 16.006 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion:117 Resp: 57488
Ion Ratio Lower Upper
117 100
119 95.5 74.1 111.1
121 30.2 25.0 37.4





#39
Methylcyclohexane
Concen: 14.401 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

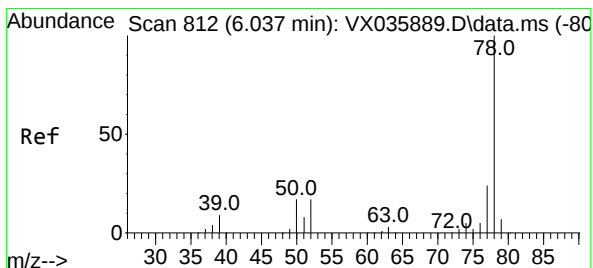
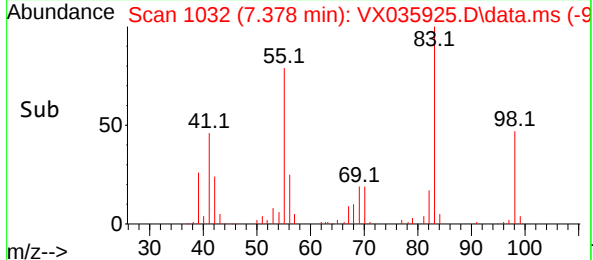
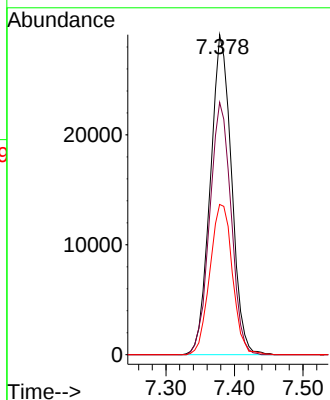
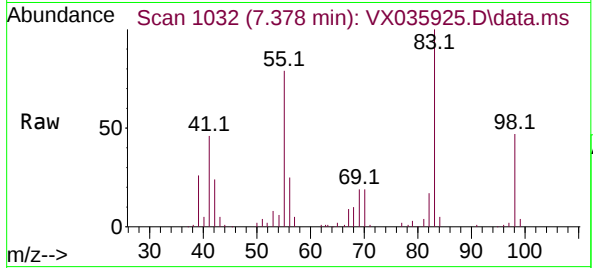
VSTDICC020

Tgt Ion: 83 Resp: 62618
Ion Ratio Lower Upper
83 100
55 78.8 64.9 97.3
98 47.0 38.1 57.1

Manual Integrations

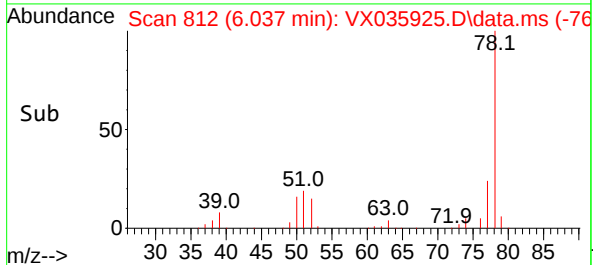
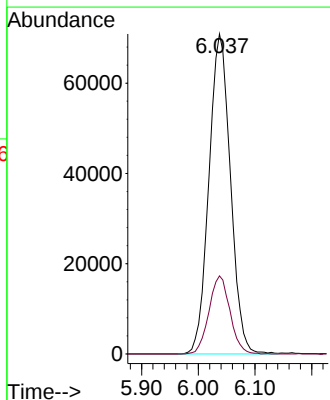
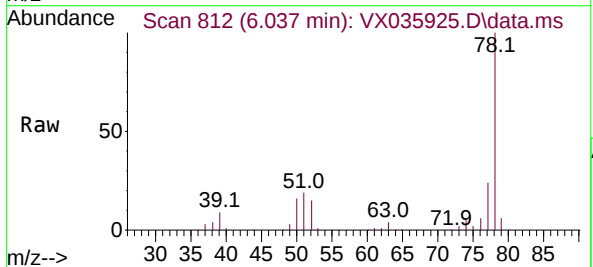
APPROVED

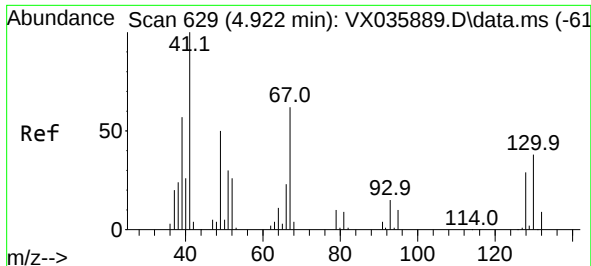
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#40
Benzene
Concen: 17.521 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 78 Resp: 187002
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





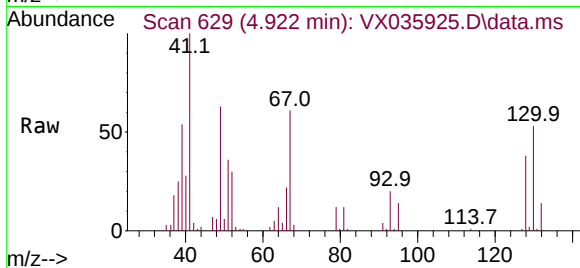
#41
Methacrylonitrile
Concen: 16.887 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



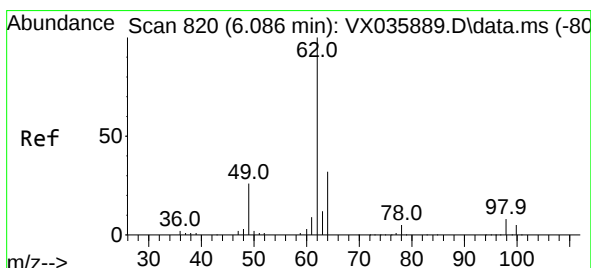
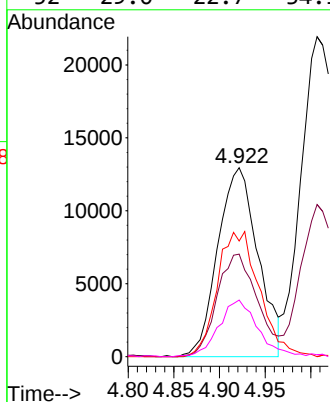
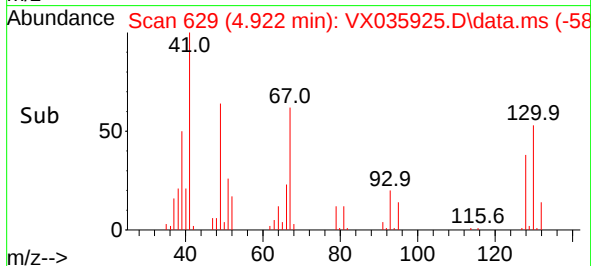
Tgt Ion:	41	Resp:	39654
Ion	Ratio	Lower	Upper
41	100		
39	54.2	45.6	68.4
67	69.1	51.8	77.6
52	29.0	22.7	34.1

Manual Integrations

APPROVED

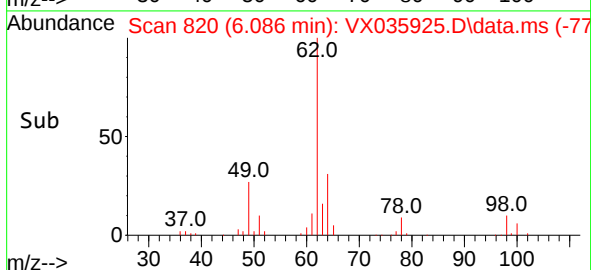
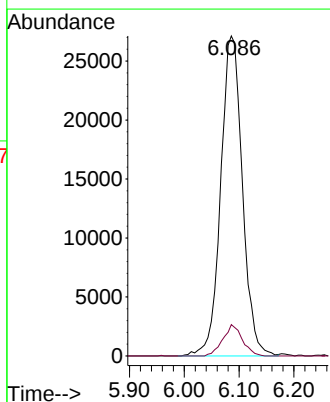
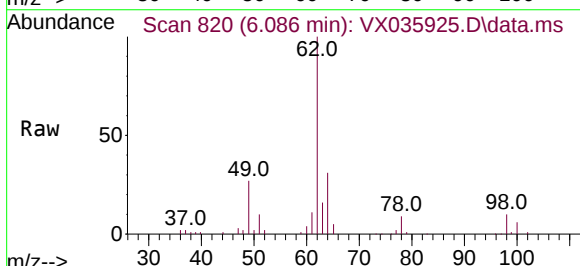
Reviewed By :John Carlone 06/01/2023

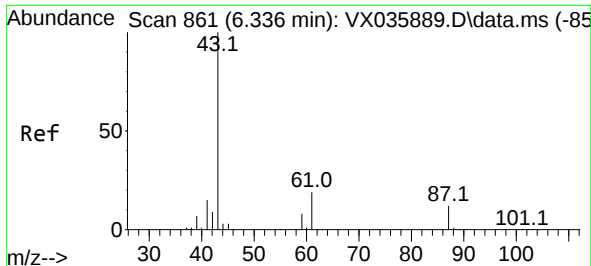
Supervised By :Mahesh Dadoda 06/01/2023



#42
1,2-Dichloroethane
Concen: 16.581 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion:	62	Resp:	74753
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 17.148 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 113354

Ion Ratio Lower Upper

43 100

61 19.9 15.0 22.4

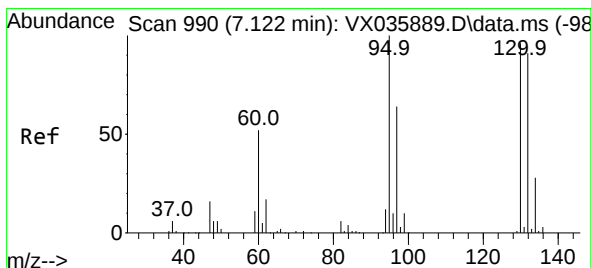
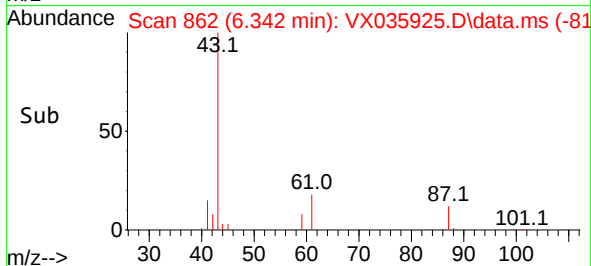
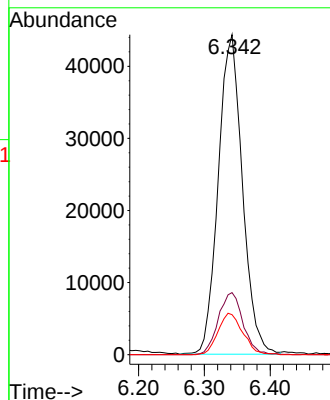
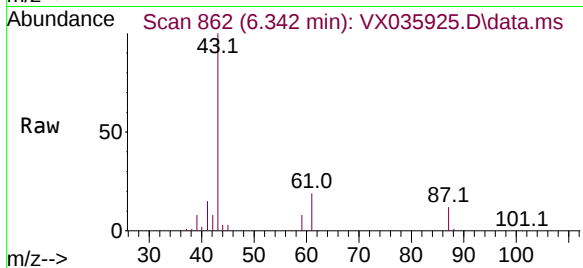
87 13.2 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#44

Trichloroethene

Concen: 17.892 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX035925.D

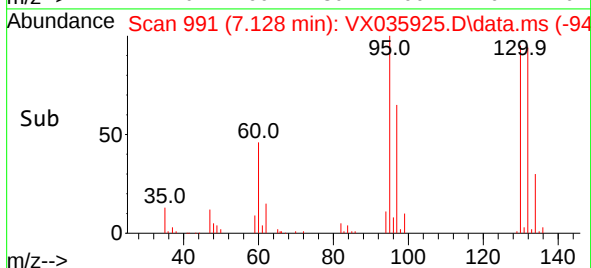
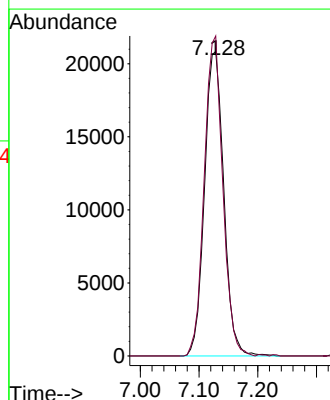
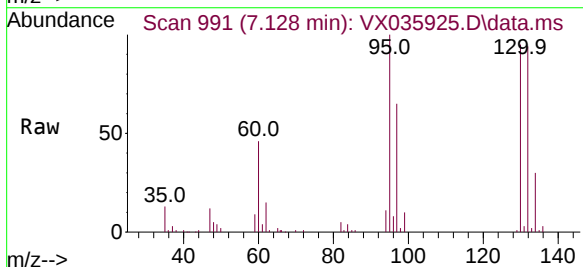
Acq: 31 May 2023 10:49

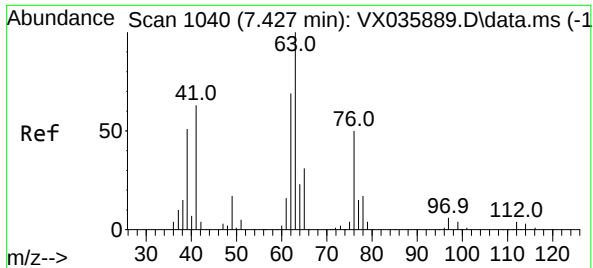
Tgt Ion:130 Resp: 47569

Ion Ratio Lower Upper

130 100

95 105.1 0.0 207.6





#45

1,2-Dichloropropane

Concen: 17.550 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 49390

Ion Ratio Lower Upper

63 100

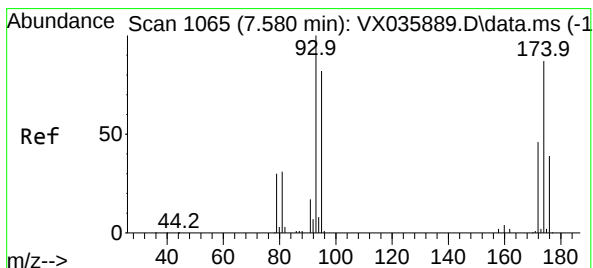
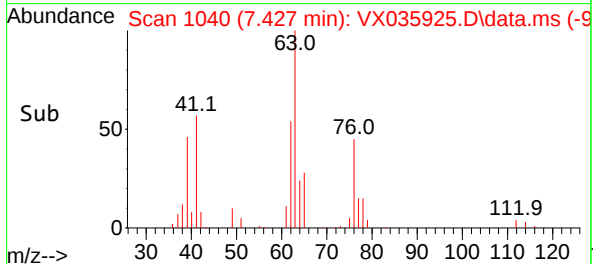
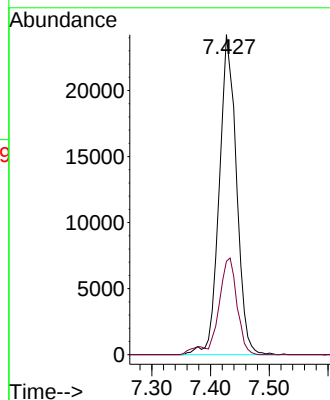
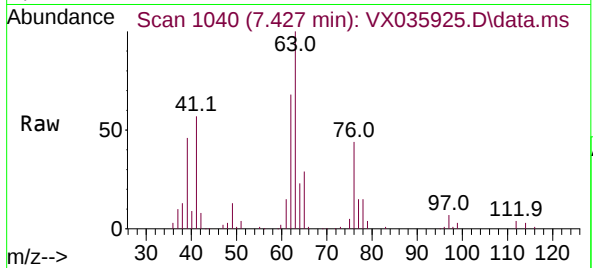
65 29.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#46

Dibromomethane

Concen: 17.855 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

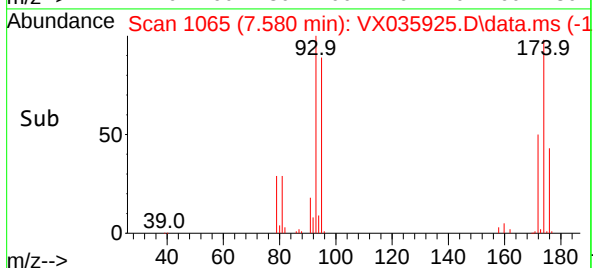
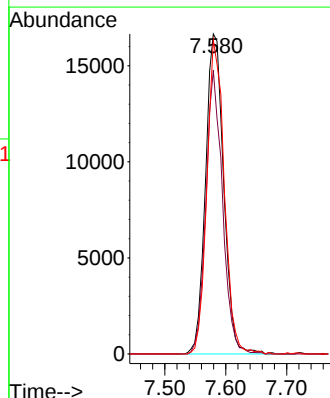
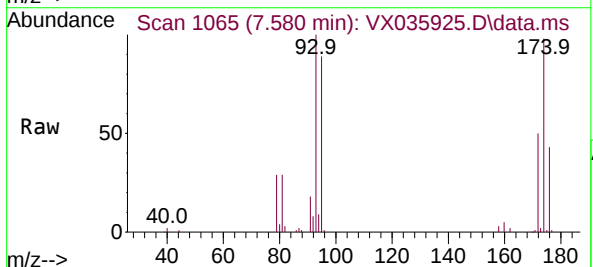
Tgt Ion: 93 Resp: 34507

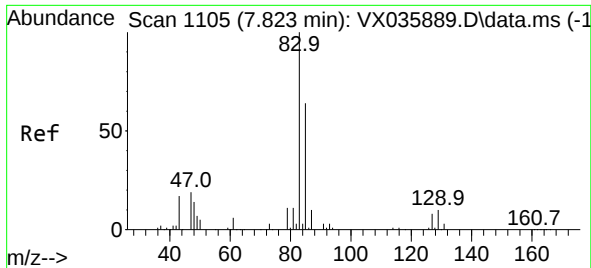
Ion Ratio Lower Upper

93 100

95 81.2 66.2 99.2

174 93.8 69.5 104.3





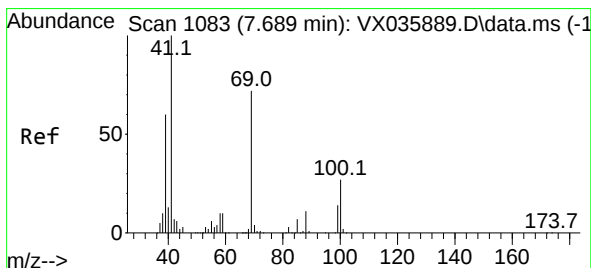
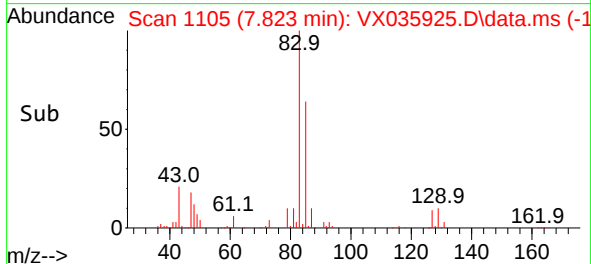
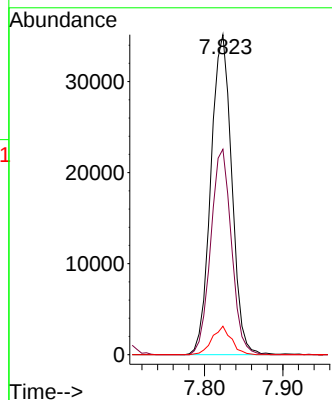
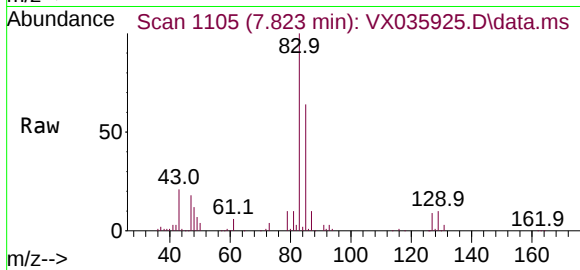
#47
Bromodichloromethane
Concen: 18.078 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 6512
Ion Ratio Lower Upper
83 100
85 64.2 51.3 76.9
127 8.9 6.6 10.0

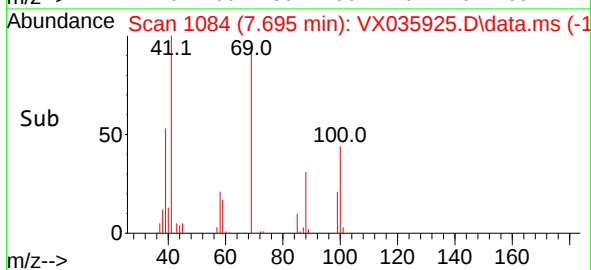
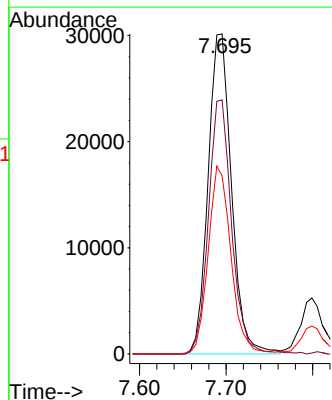
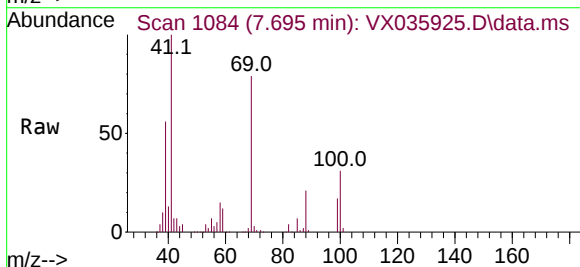
Manual Integrations
APPROVED

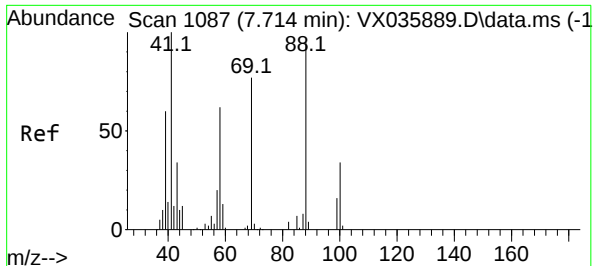
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#48
Methyl methacrylate
Concen: 16.700 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 41 Resp: 56666
Ion Ratio Lower Upper
41 100
69 78.7 59.0 88.6
39 57.1 48.4 72.6





#49

1,4-Dioxane

Concen: 363.611 ug/l

RT: 7.701 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

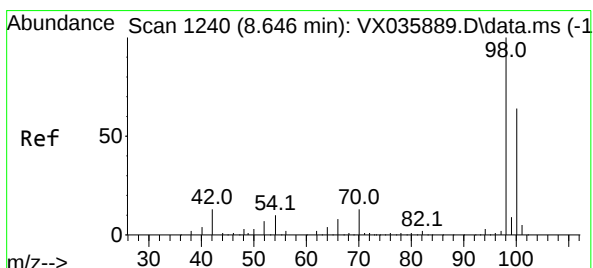
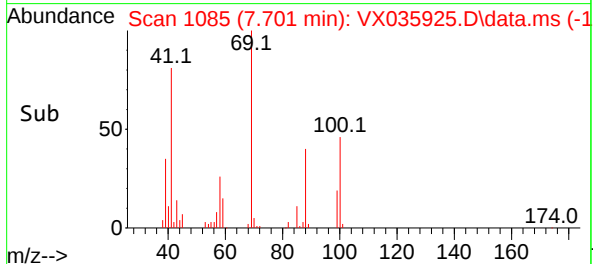
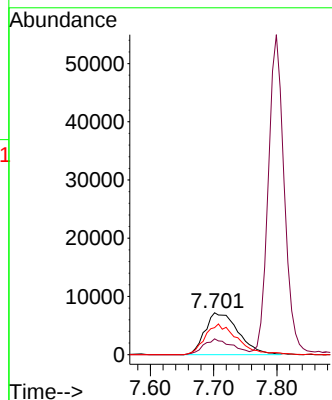
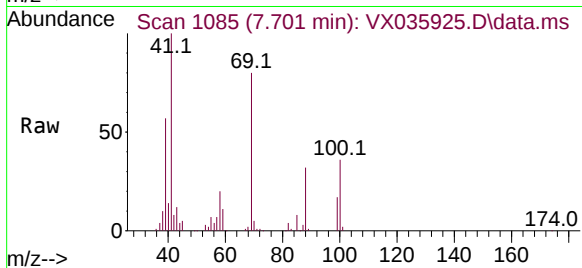
Tgt Ion:	88	Resp:	26330
Ion Ratio	Lower	Upper	
88	100		
43	32.6	27.4	41.0
58	71.8	58.9	88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#50

Toluene-d8

Concen: 19.147 ug/l

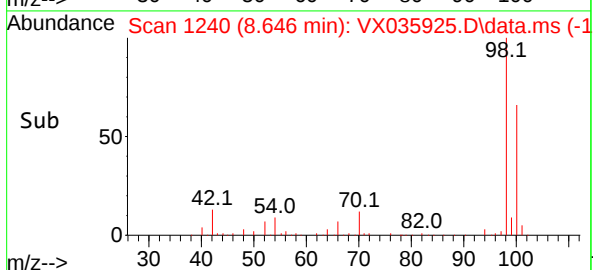
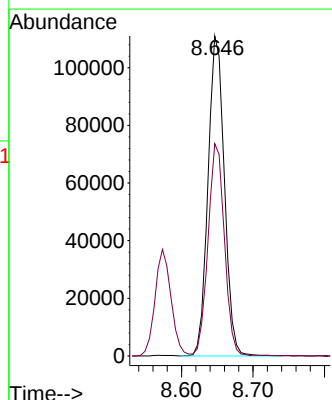
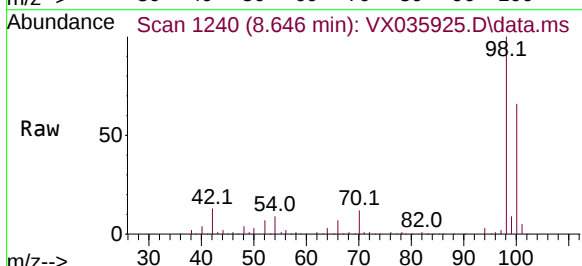
RT: 8.646 min Scan# 1240

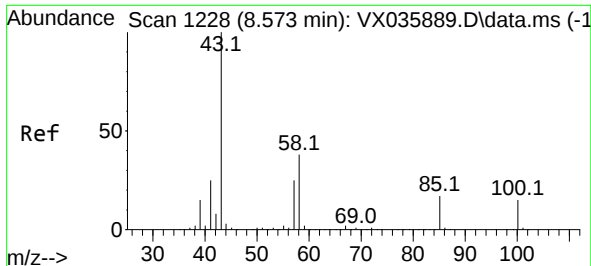
Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Tgt Ion:	98	Resp:	176348
Ion Ratio	Lower	Upper	
98	100		
100	66.8	53.4	80.0





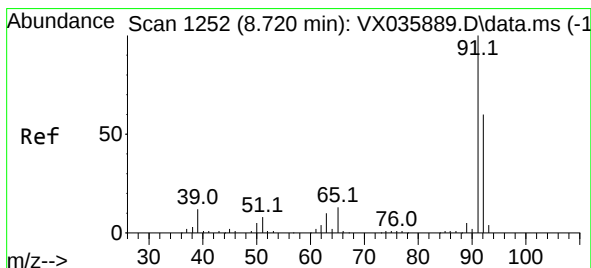
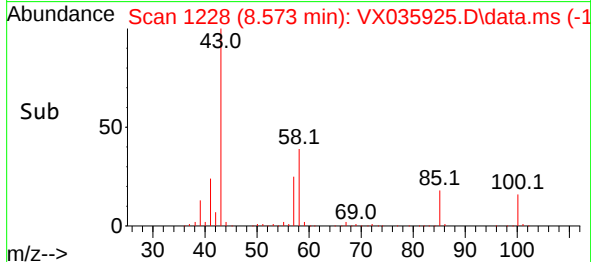
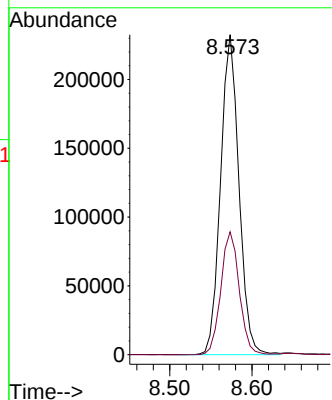
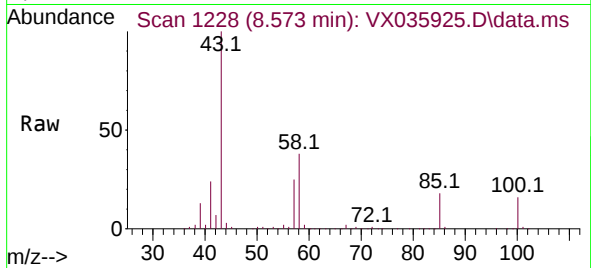
#51
4-Methyl-2-Pentanone
Concen: 87.722 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 360970
Ion Ratio Lower Upper
43 100
58 38.4 30.1 45.1

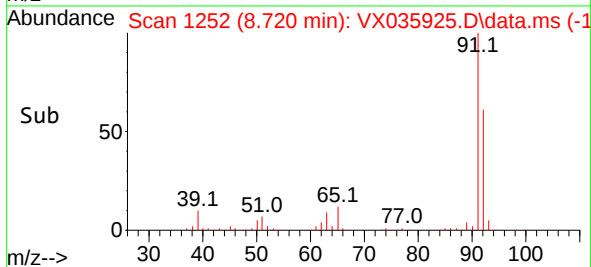
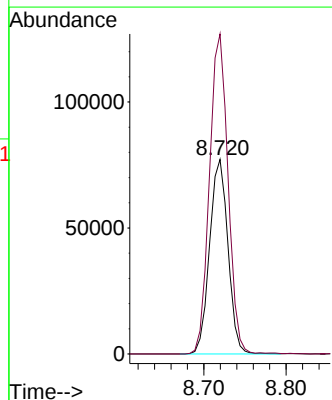
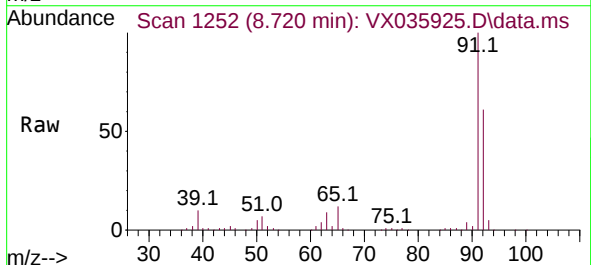
Manual Integrations
APPROVED

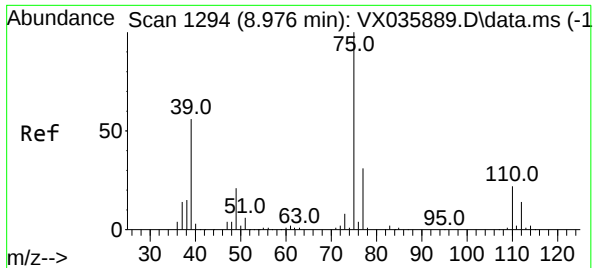
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#52
Toluene
Concen: 17.877 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 92 Resp: 119835
Ion Ratio Lower Upper
92 100
91 166.1 133.5 200.3





#53
 t-1,3-Dichloropropene
 Concen: 18.115 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX035925.D
 Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

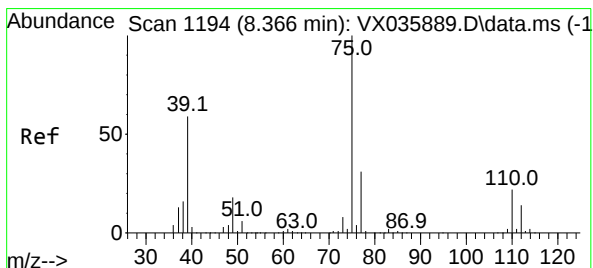
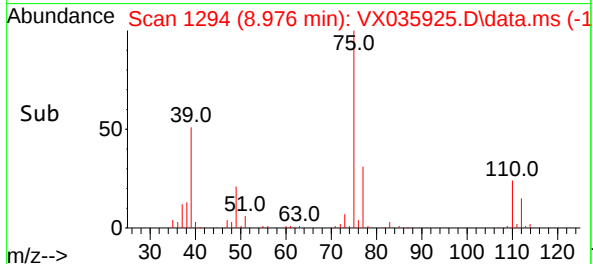
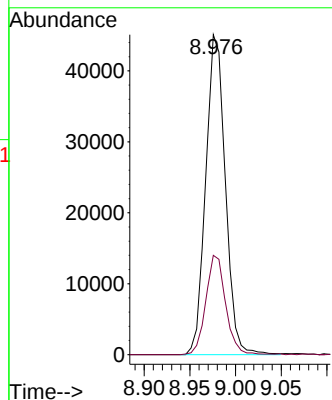
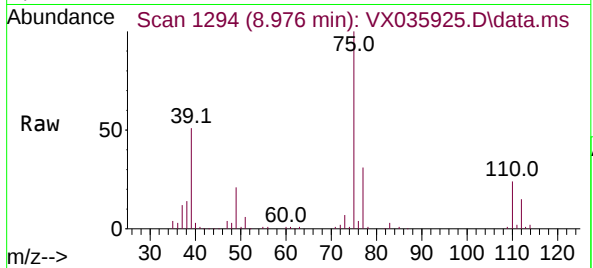
VSTDICC020

Tgt Ion: 75 Resp: 67380
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6

Manual Integrations

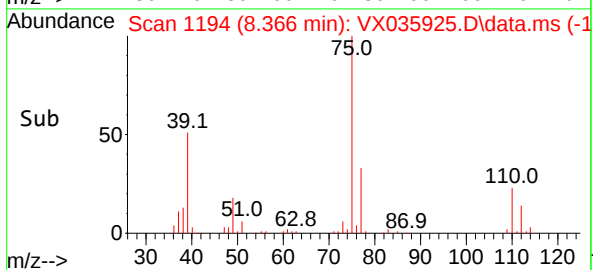
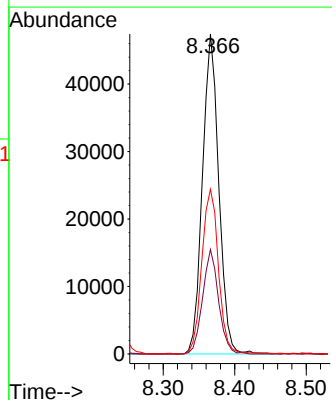
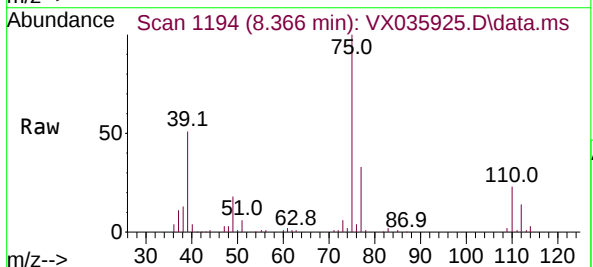
APPROVED

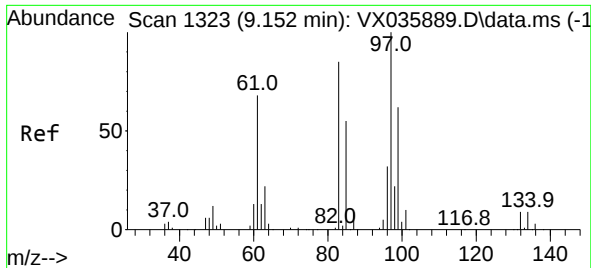
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.535 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035925.D
 Acq: 31 May 2023 10:49

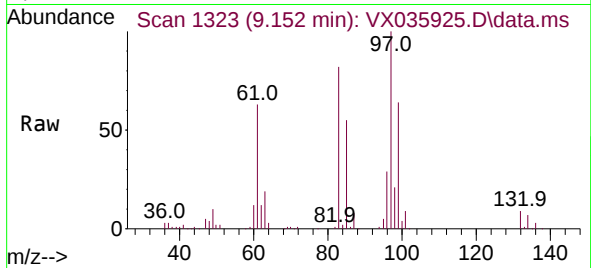
Tgt Ion: 75 Resp: 75259
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.7 37.1
 39 51.5 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 18.805 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

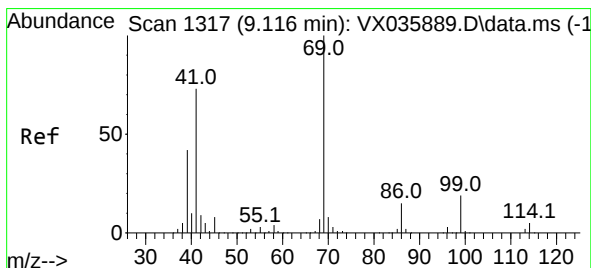
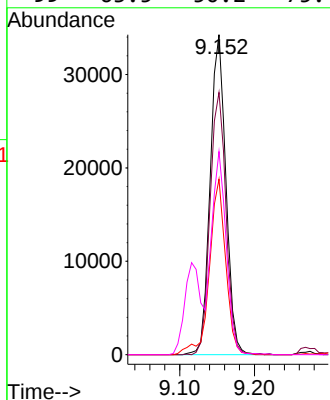
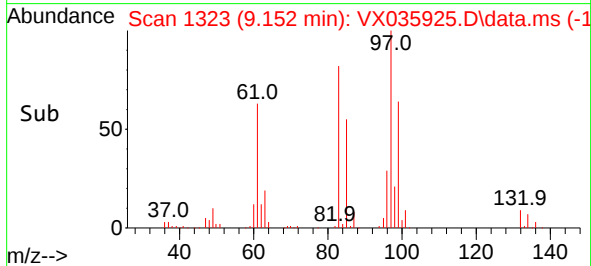
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



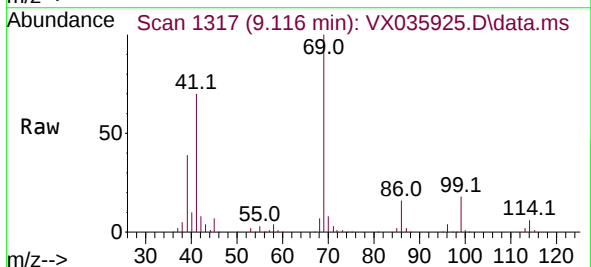
Tgt Ion:	97	Resp:	49974
Ion	Ratio	Lower	Upper
97	100		
83	82.0	68.3	102.5
85	54.9	44.2	66.2
99	63.5	50.2	75.4

Manual Integrations
APPROVED

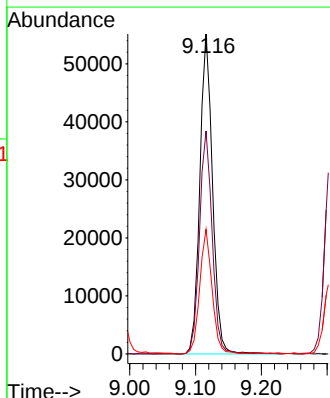
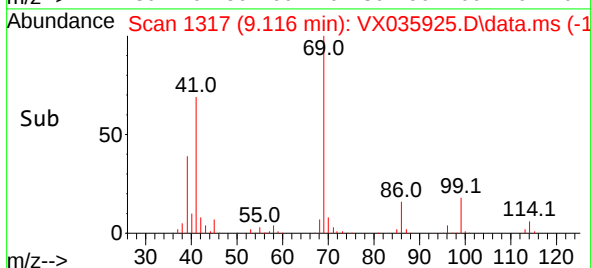
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

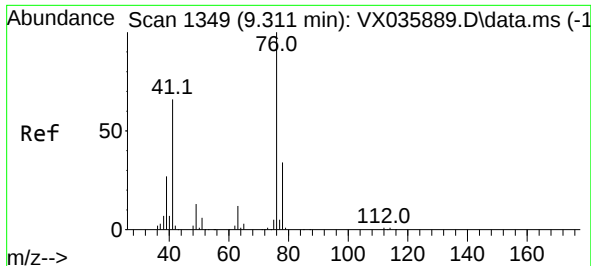


#56
Ethyl methacrylate
Concen: 17.713 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



Tgt Ion:	69	Resp:	74113
Ion	Ratio	Lower	Upper
69	100		
41	69.6	58.9	88.3
39	37.9	33.4	50.0





#57

1,3-Dichloropropane

Concen: 17.503 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 8437

Ion Ratio Lower Upper

76 100

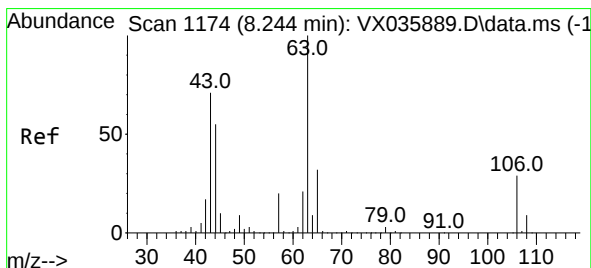
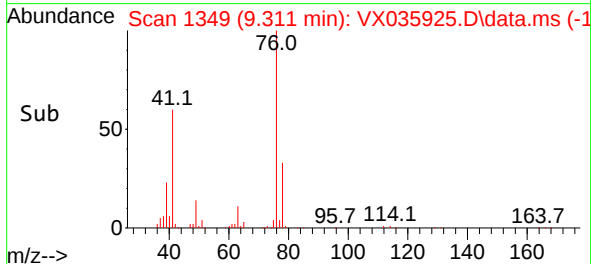
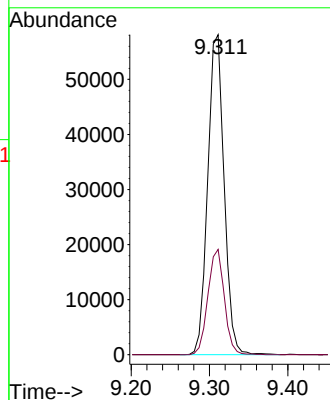
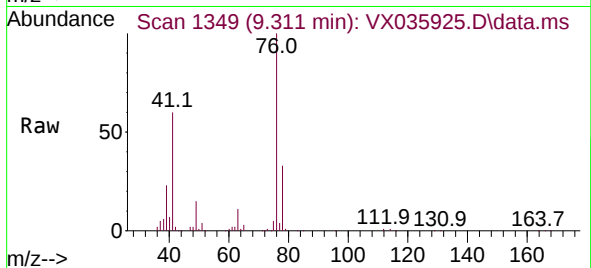
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.482 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX035925.D

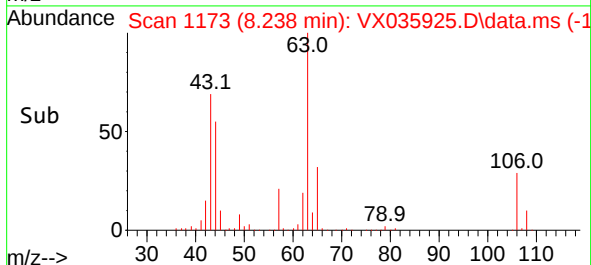
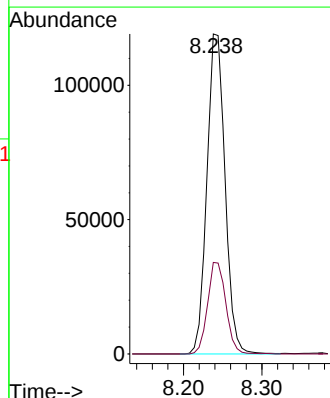
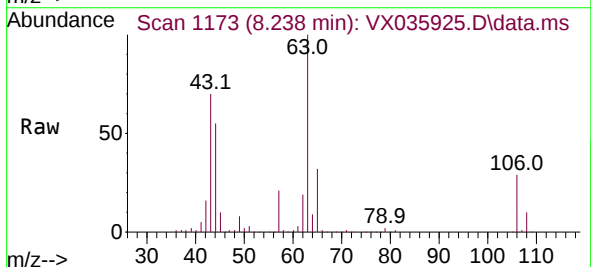
Acq: 31 May 2023 10:49

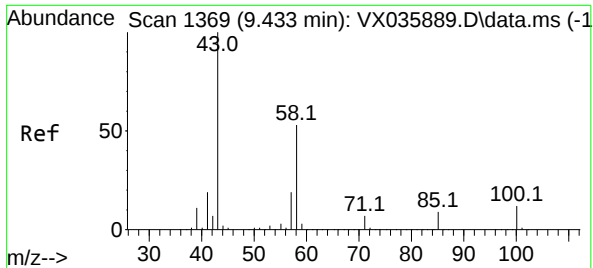
Tgt Ion: 63 Resp: 191458

Ion Ratio Lower Upper

63 100

106 28.7 22.3 33.5





#59

2-Hexanone

Concen: 87.998 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 273692

Ion Ratio Lower Upper

43 100

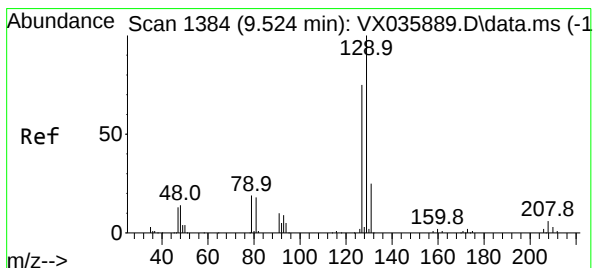
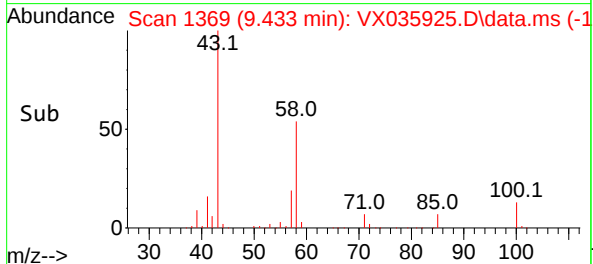
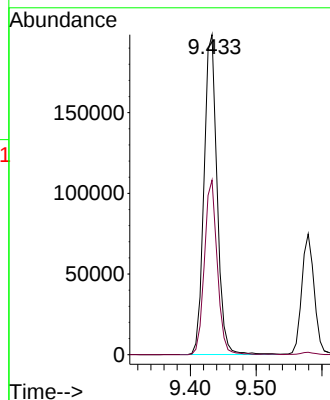
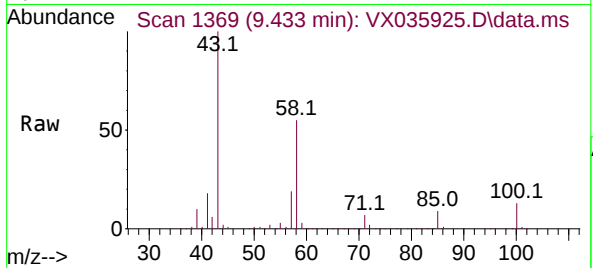
58 53.7 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#60

Dibromochloromethane

Concen: 19.349 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX035925.D

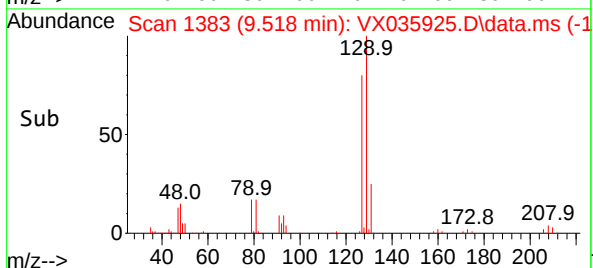
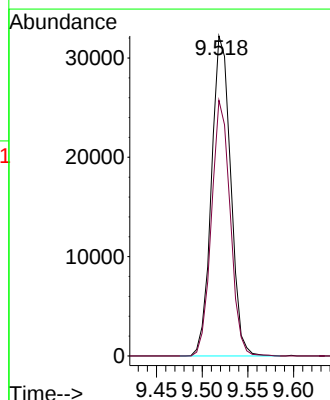
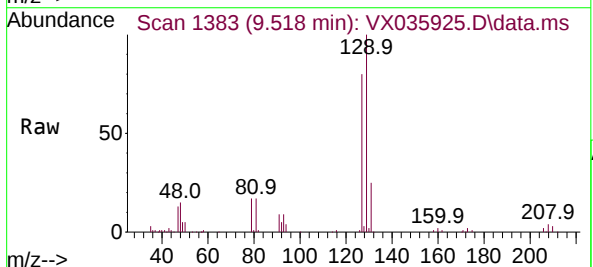
Acq: 31 May 2023 10:49

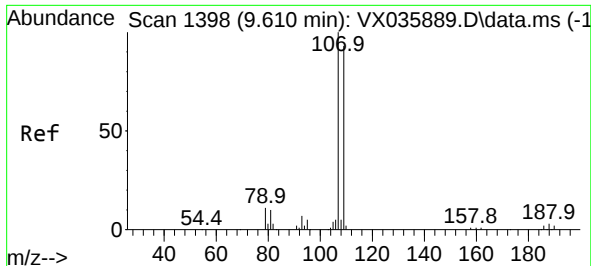
Tgt Ion:129 Resp: 47049

Ion Ratio Lower Upper

129 100

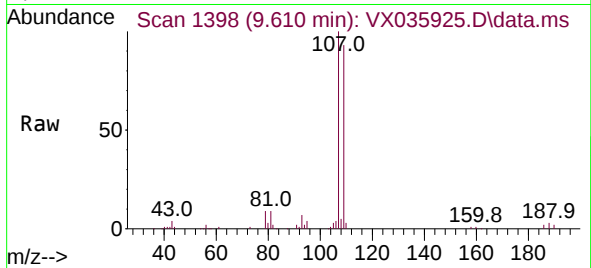
127 77.6 38.4 115.1





#61
1,2-Dibromoethane
Concen: 18.254 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

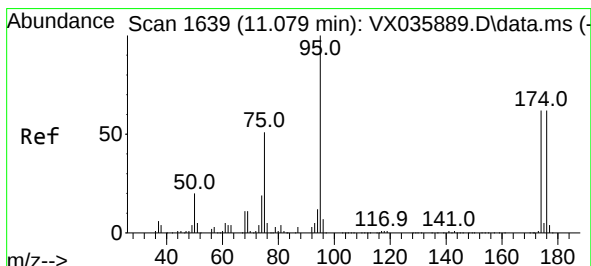
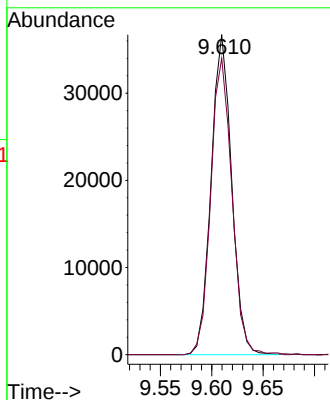
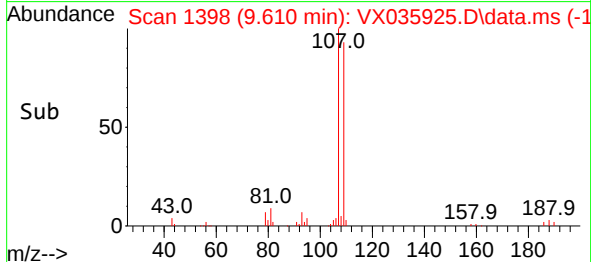
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:107 Resp: 51082
Ion Ratio Lower Upper
107 100
109 95.1 74.8 112.2

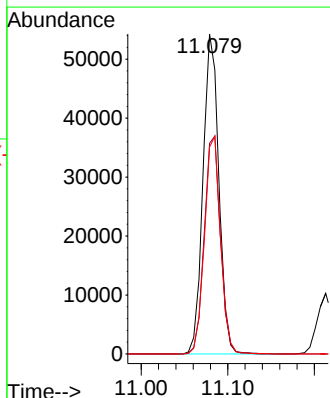
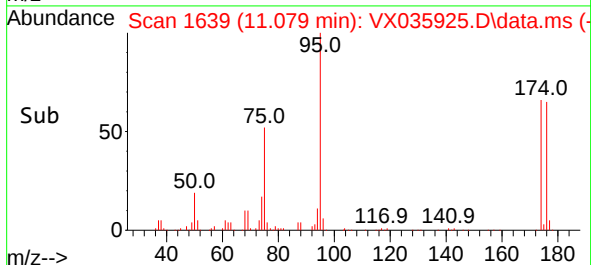
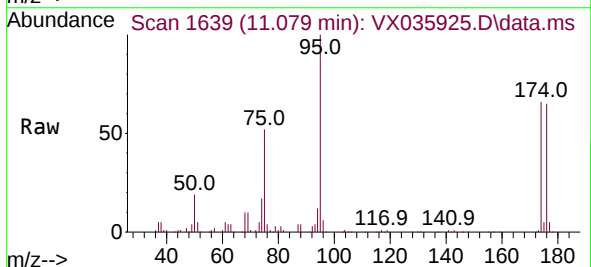
Manual Integrations
APPROVED

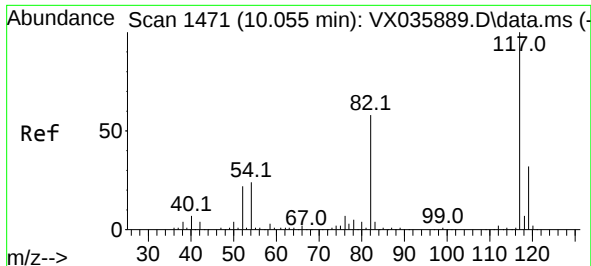
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#62
4-Bromofluorobenzene
Concen: 18.948 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion: 95 Resp: 68755
Ion Ratio Lower Upper
95 100
174 69.9 0.0 132.6
176 68.7 0.0 128.0





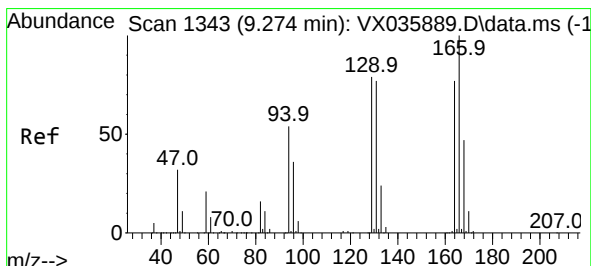
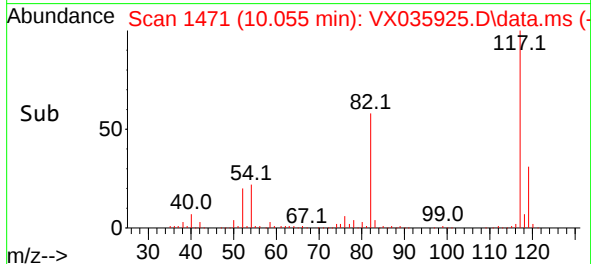
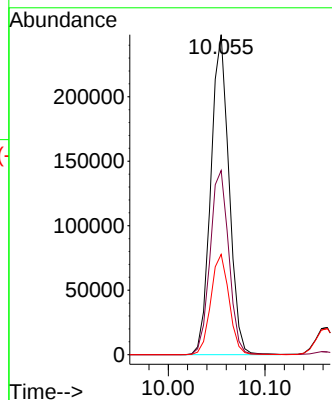
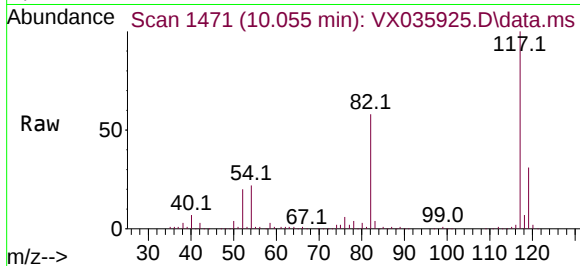
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 32386
Ion Ratio Lower Upper
117 100
82 57.5 46.6 69.8
119 31.4 25.4 38.2

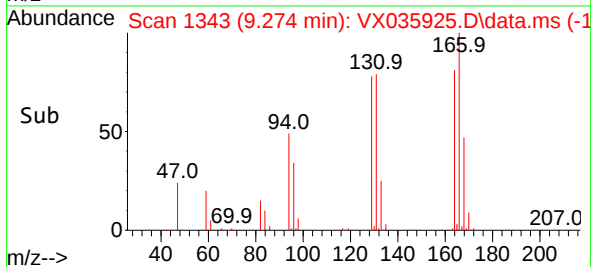
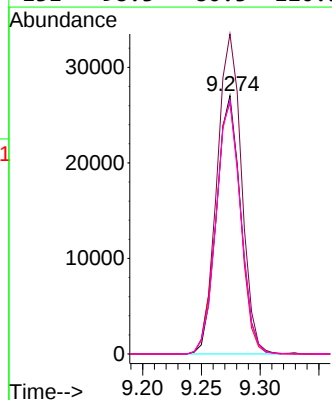
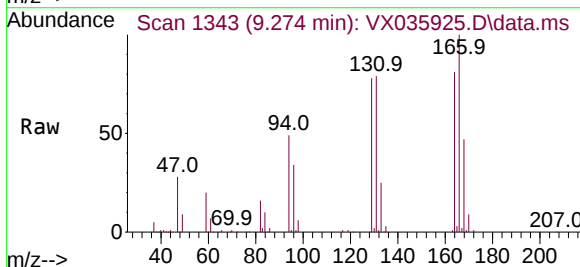
Manual Integrations
APPROVED

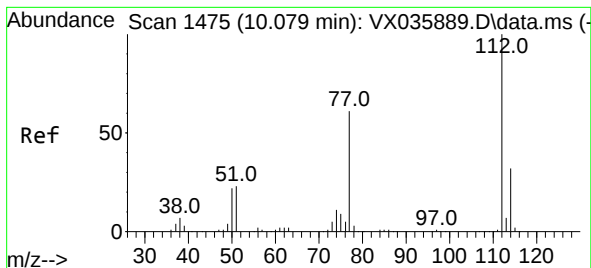
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#64
Tetrachloroethene
Concen: 17.577 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion:164 Resp: 38534
Ion Ratio Lower Upper
164 100
166 123.9 104.4 156.6
129 97.2 82.0 123.0
131 98.3 80.3 120.5





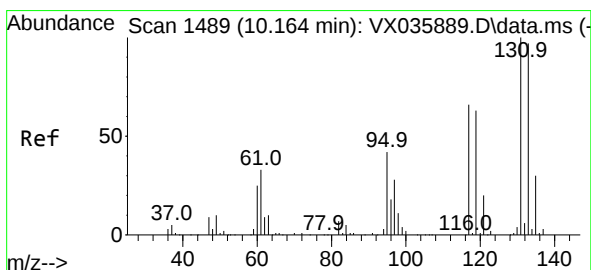
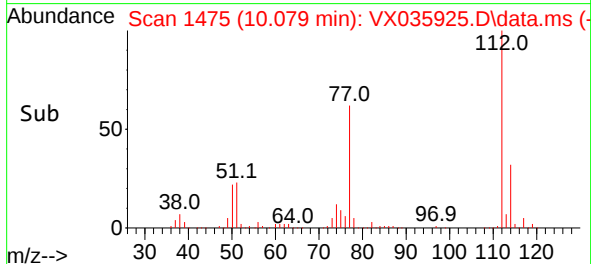
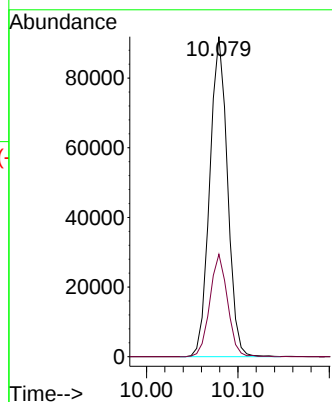
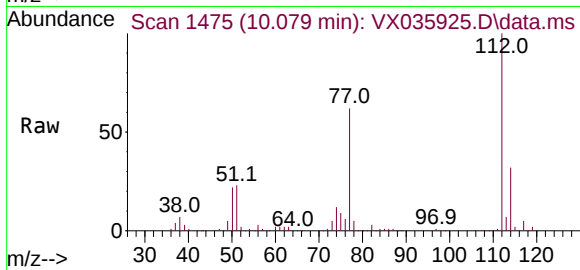
#65
Chlorobenzene
Concen: 17.957 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 12380
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

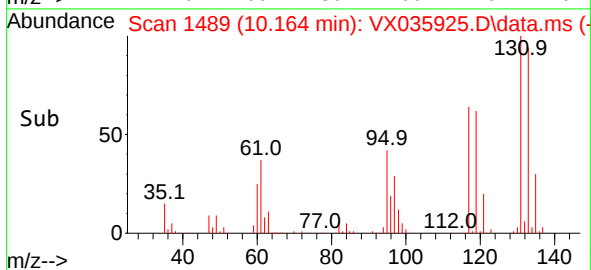
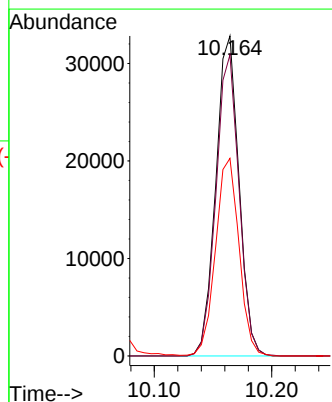
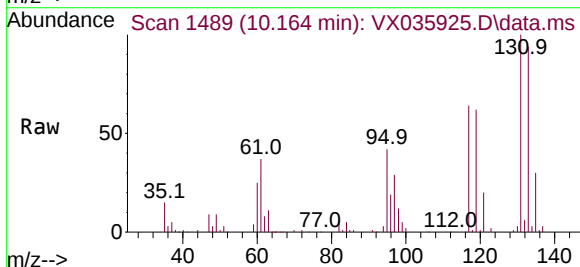
Manual Integrations
APPROVED

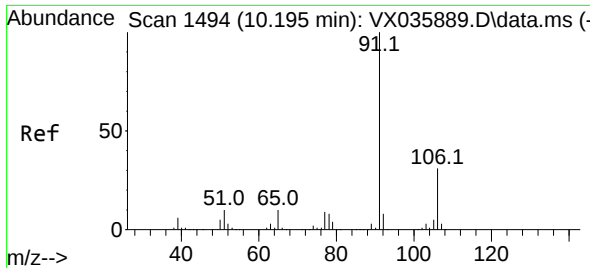
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.997 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion:131 Resp: 44939
Ion Ratio Lower Upper
131 100
133 93.9 48.1 144.3
119 62.9 32.1 96.5





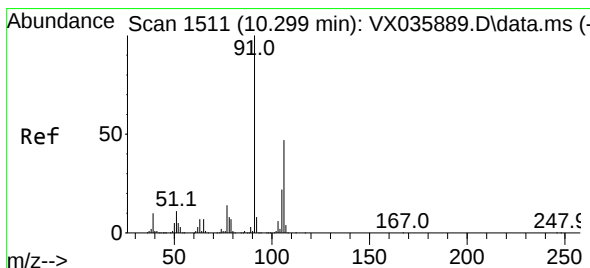
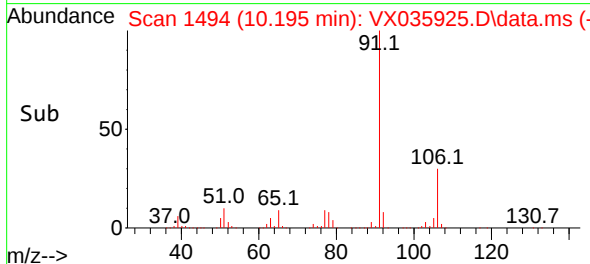
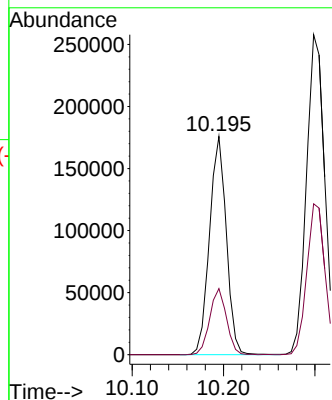
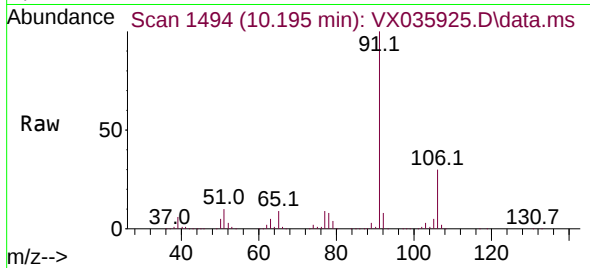
#67
Ethyl Benzene
Concen: 17.534 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 224290
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

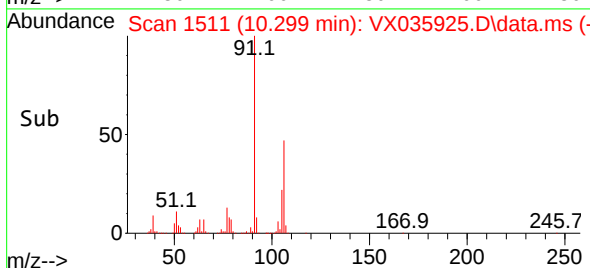
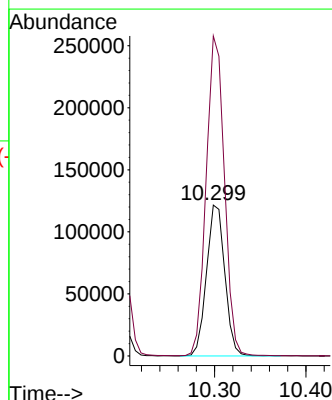
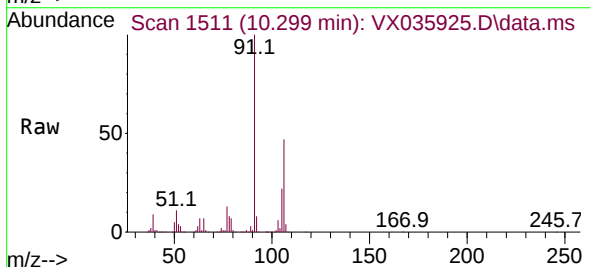
Manual Integrations
APPROVED

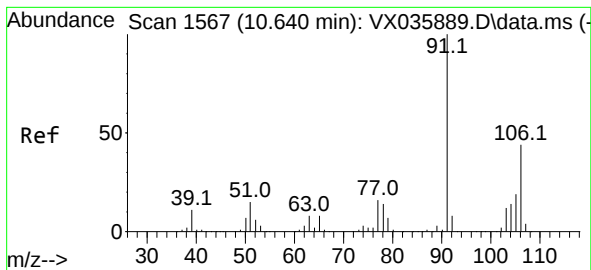
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#68
m/p-Xylenes
Concen: 35.651 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion:106 Resp: 168735
Ion Ratio Lower Upper
106 100
91 211.8 169.8 254.8





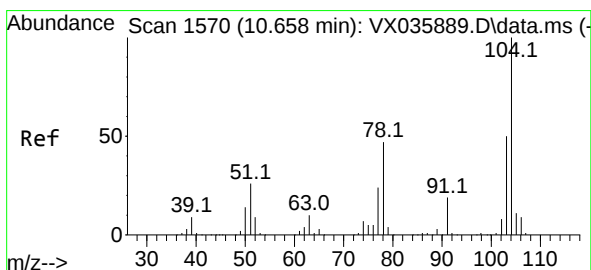
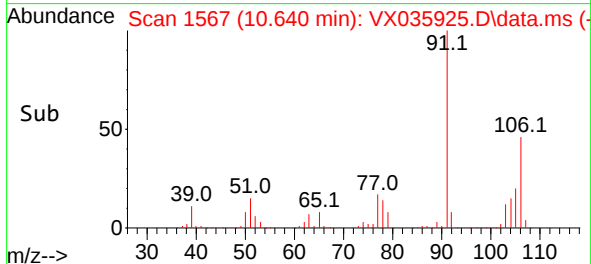
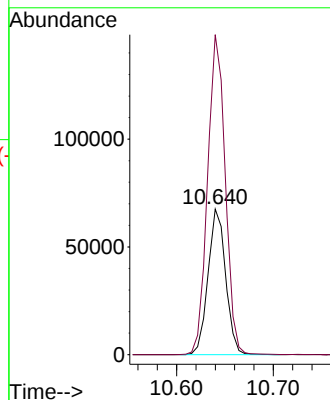
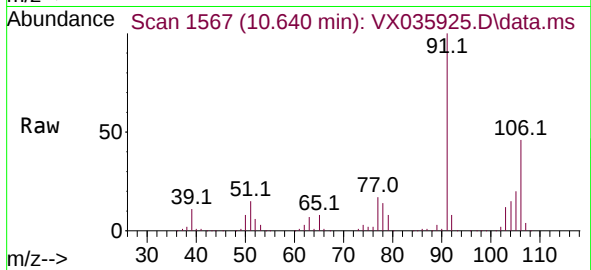
#69
o-Xylene
Concen: 18.239 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 8575
Ion Ratio Lower Upper
106 100
91 220.8 112.5 337.4

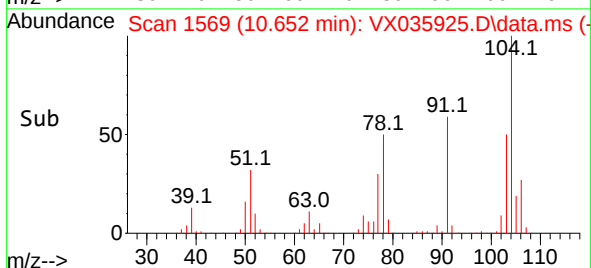
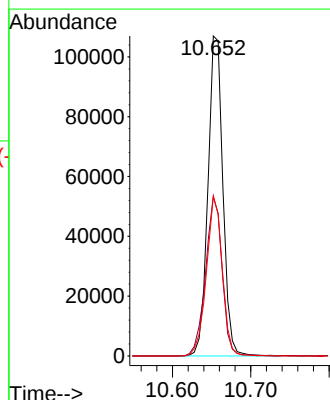
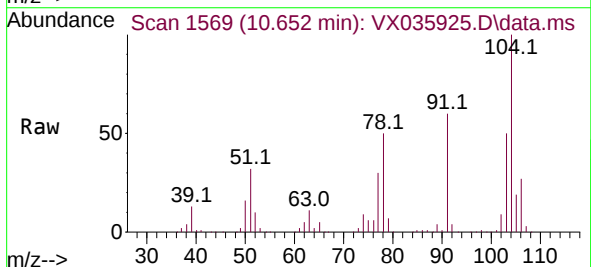
Manual Integrations
APPROVED

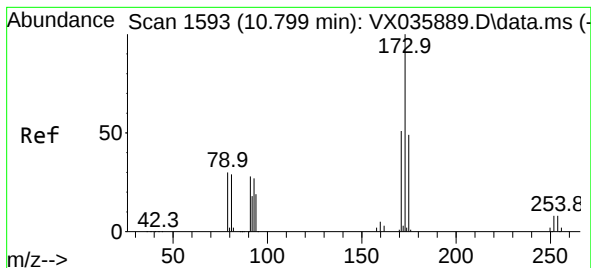
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#70
Styrene
Concen: 18.347 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion:104 Resp: 141710
Ion Ratio Lower Upper
104 100
78 54.8 44.7 67.1
103 53.1 44.0 66.0





#71

Bromoform

Concen: 19.389 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

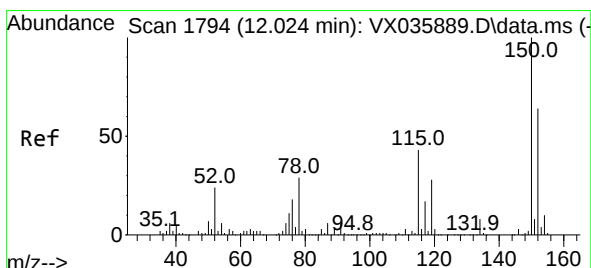
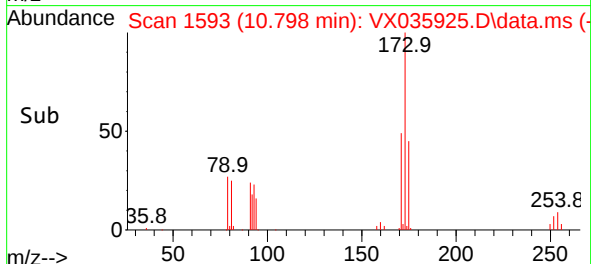
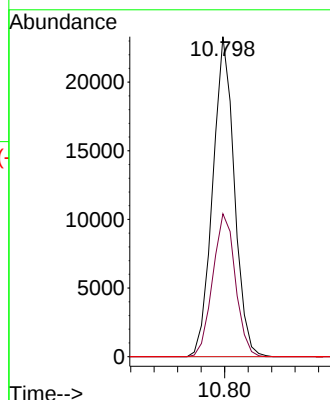
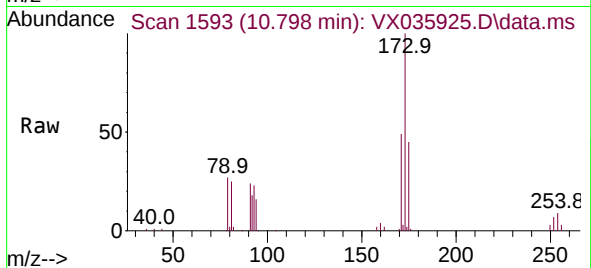
Tgt Ion:173	Resp:	29654
Ion Ratio	Lower	Upper
173	100	
175	46.9	24.2 72.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

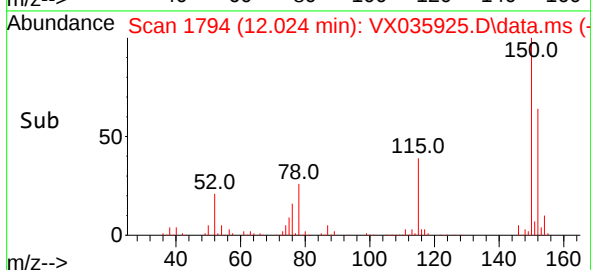
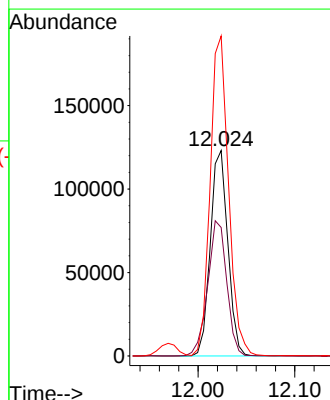
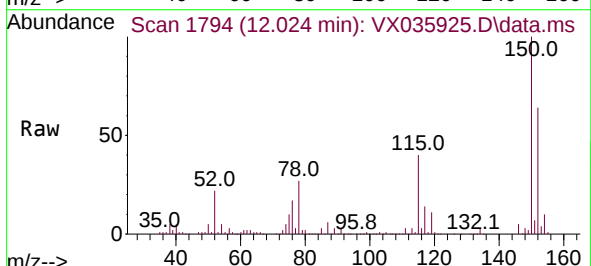
RT: 12.024 min Scan# 1794

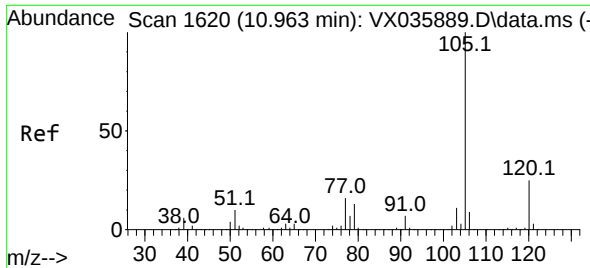
Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

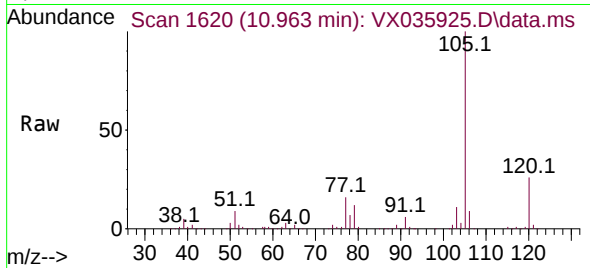
Tgt Ion:152	Resp:	154954
Ion Ratio	Lower	Upper
152	100	
115	71.5	45.5 136.5
150	163.2	0.0 345.2





#73
Isopropylbenzene
Concen: 17.165 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

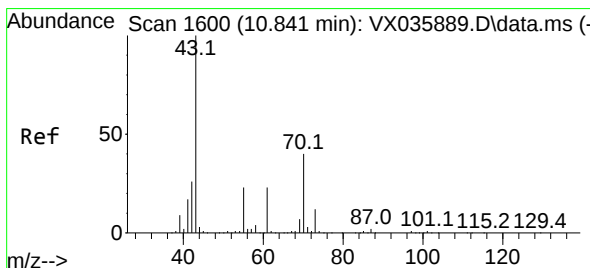
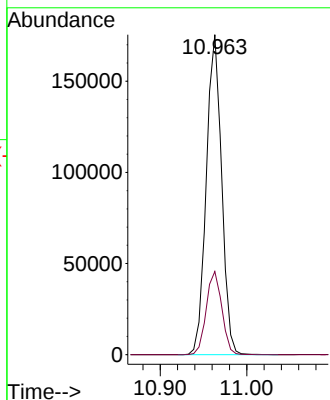
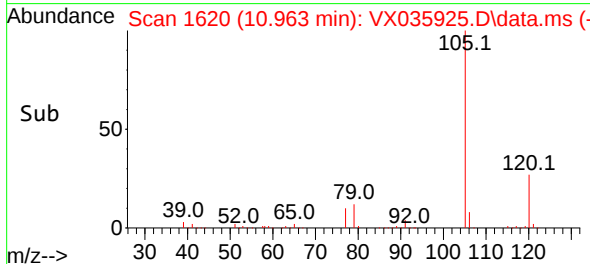
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



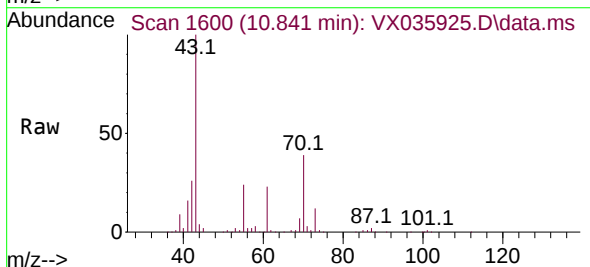
Tgt Ion:105 Resp: 215718
Ion Ratio Lower Upper
105 100
120 26.4 12.7 38.0

Manual Integrations
APPROVED

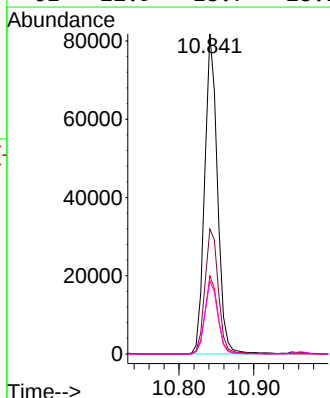
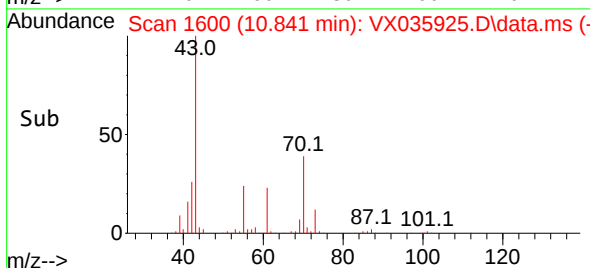
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

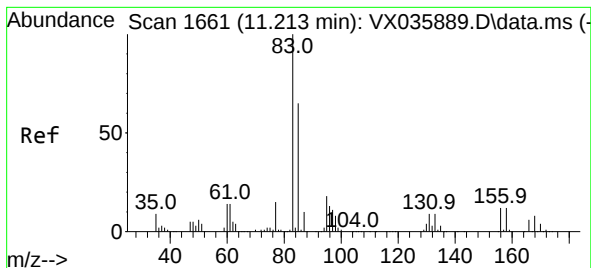


#74
N-ethyl acetate
Concen: 17.776 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



Tgt Ion: 43 Resp: 97161
Ion Ratio Lower Upper
43 100
70 40.8 32.6 48.8
55 24.5 19.0 28.4
61 22.9 18.7 28.1





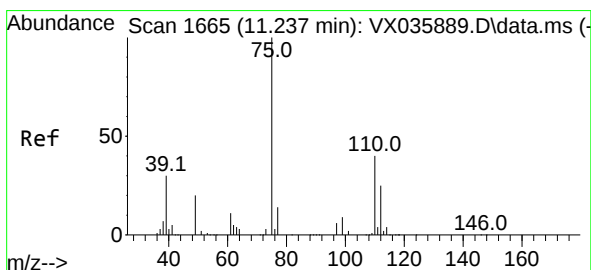
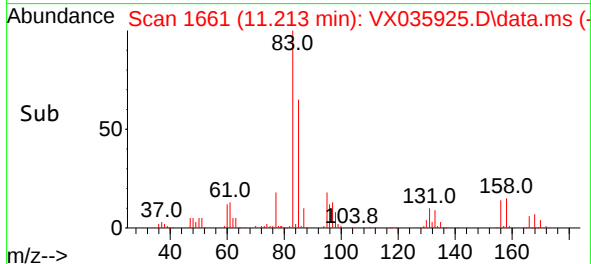
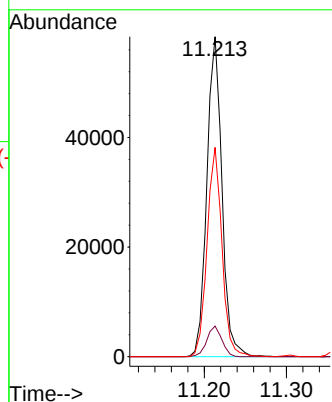
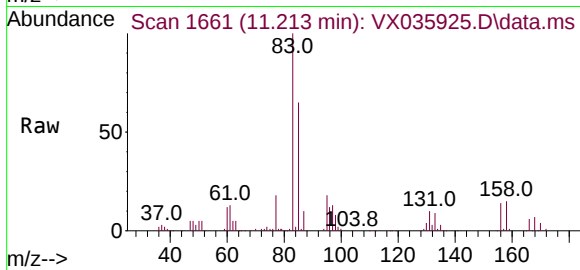
#75
1,1,2,2-Tetrachloroethane
Concen: 18.133 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 7448
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 64.6 32.4 97.0

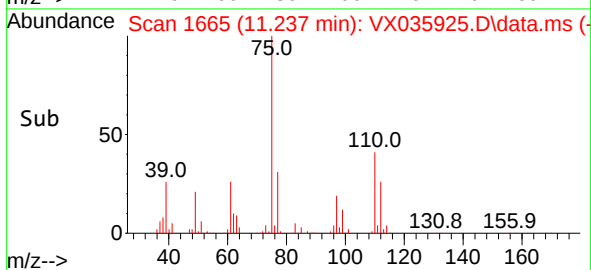
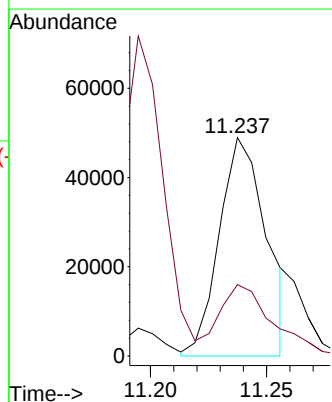
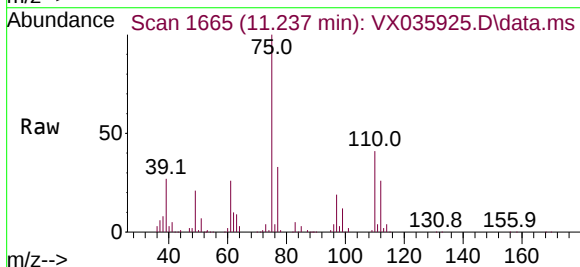
Manual Integrations
APPROVED

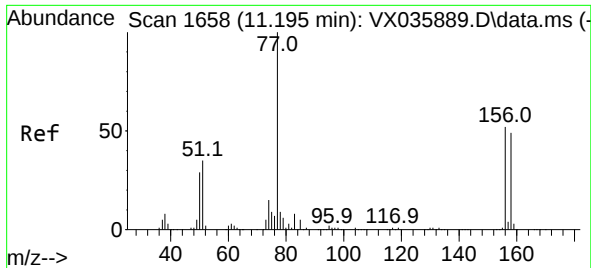
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#76
1,2,3-Trichloropropane
Concen: 17.796 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

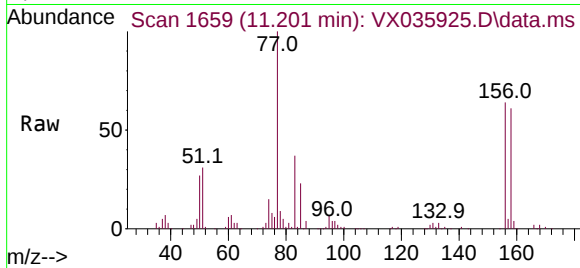
Tgt Ion: 75 Resp: 68818
Ion Ratio Lower Upper
75 100
77 37.8 21.4 64.2





#77
Bromobenzene
Concen: 18.554 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

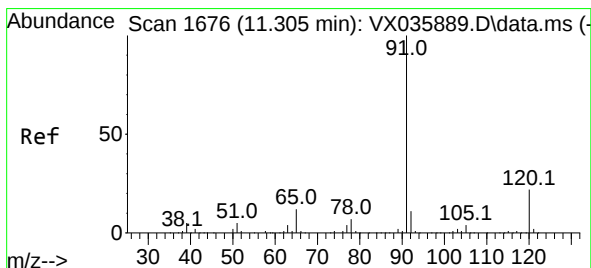
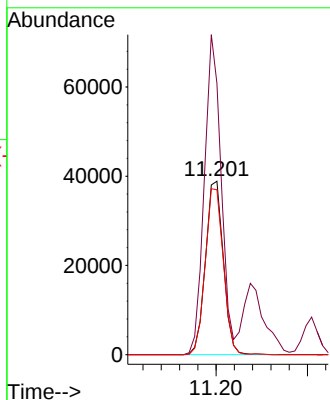
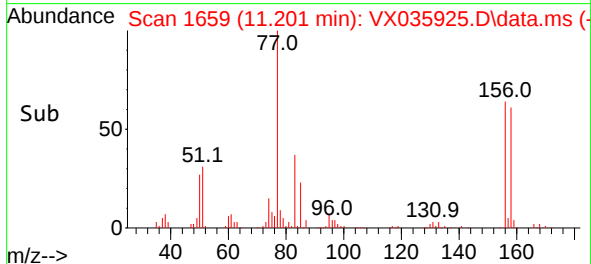
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



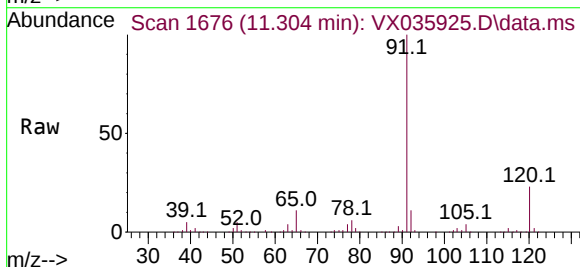
Tgt Ion:156 Resp: 5259
Ion Ratio Lower Upper
156 100
77 173.1 90.8 272.3
158 97.1 47.4 142.3

Manual Integrations
APPROVED

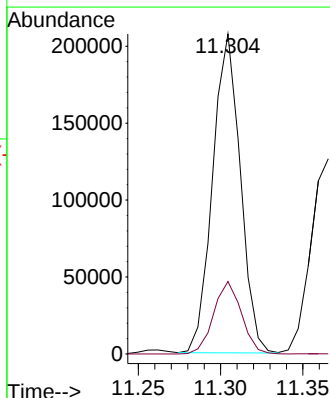
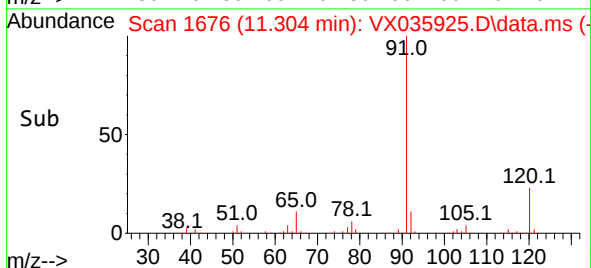
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

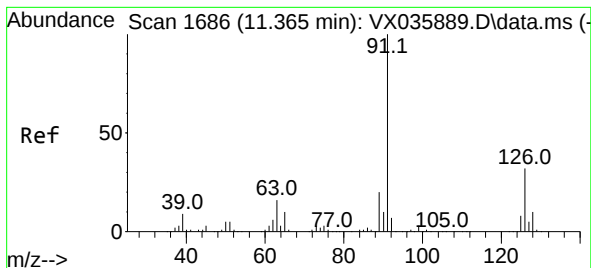


#78
n-propylbenzene
Concen: 16.556 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



Tgt Ion: 91 Resp: 242511
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9





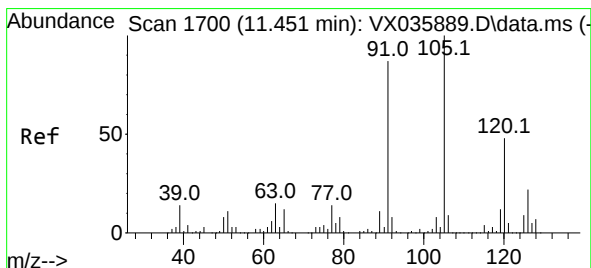
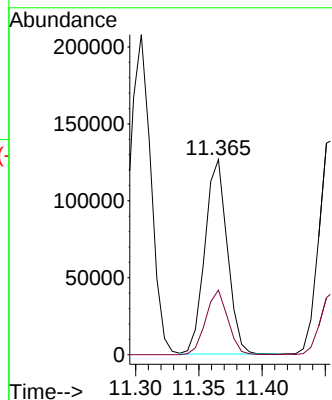
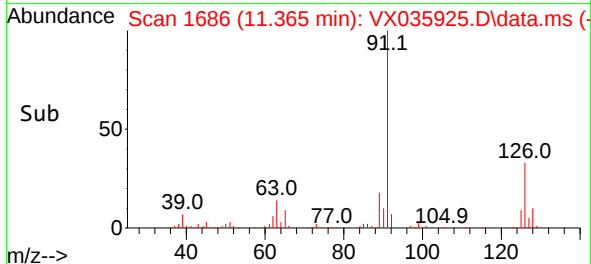
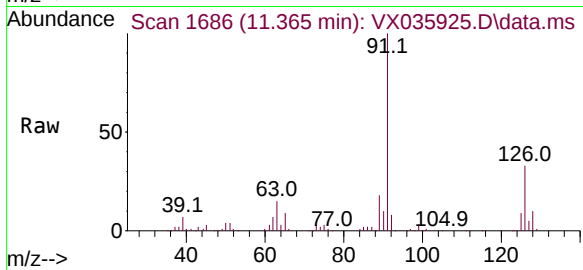
#79
2-Chlorotoluene
Concen: 16.873 ug/l
RT: 11.365 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 156682
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.4

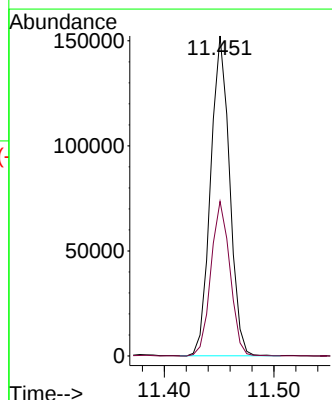
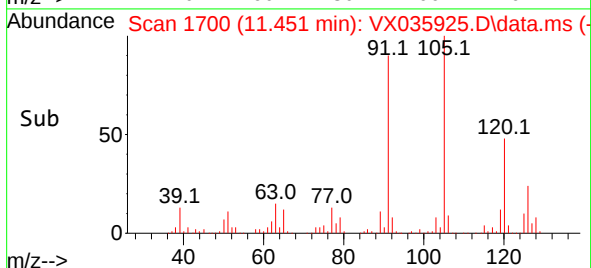
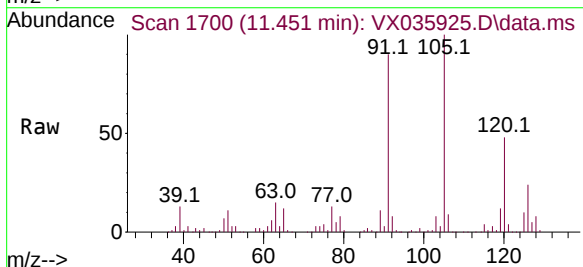
Manual Integrations
APPROVED

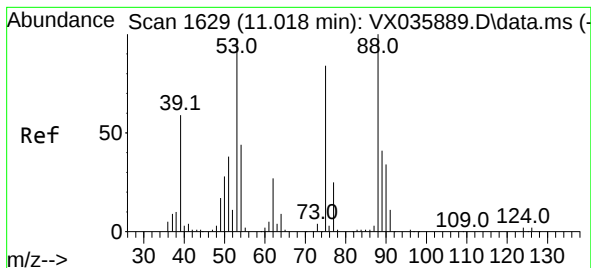
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.104 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Tgt Ion:105 Resp: 183145
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.4





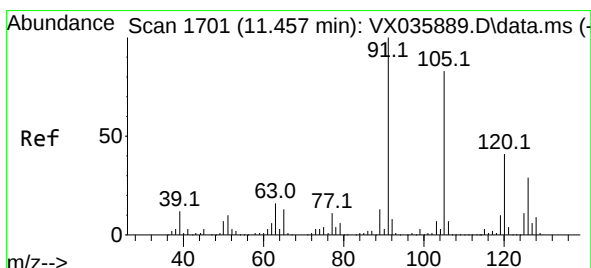
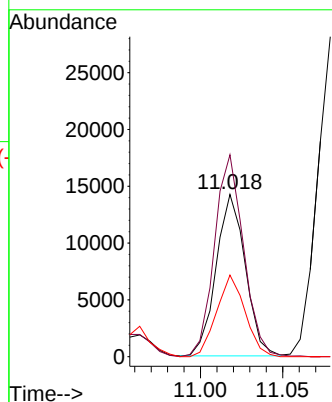
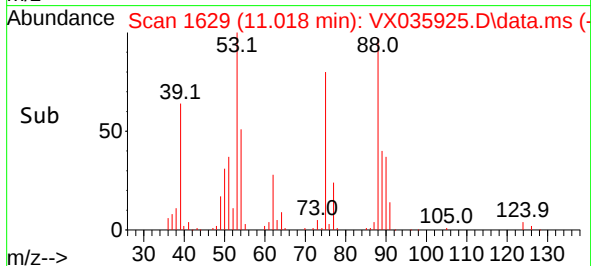
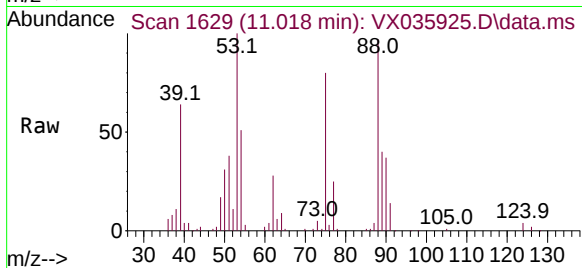
#81
trans-1,4-Dichloro-2-butene
Concen: 16.647 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 1754
Ion Ratio Lower Upper
75 100
53 124.7 95.2 142.8
89 49.2 38.0 57.0

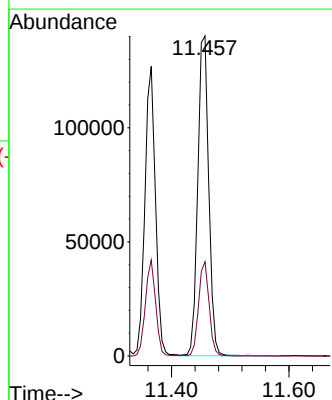
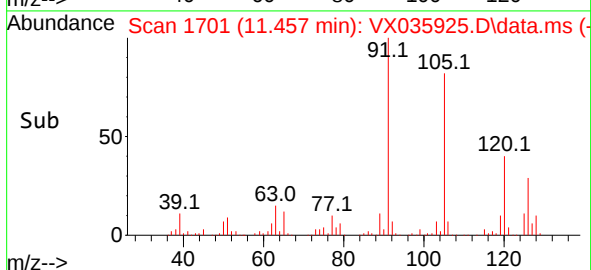
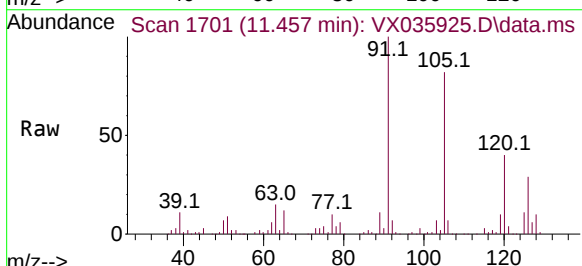
Manual Integrations
APPROVED

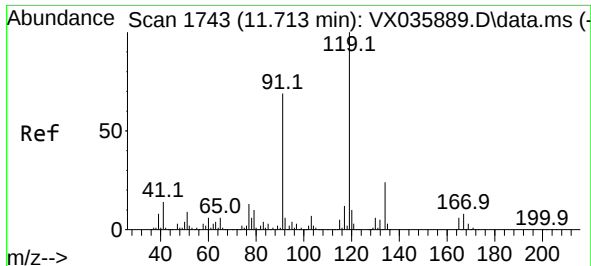
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#82
4-Chlorotoluene
Concen: 17.186 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

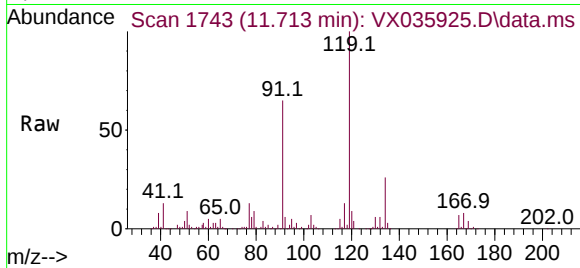
Tgt Ion: 91 Resp: 181605
Ion Ratio Lower Upper
91 100
126 28.3 13.7 41.0





#83
tert-Butylbenzene
Concen: 16.752 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

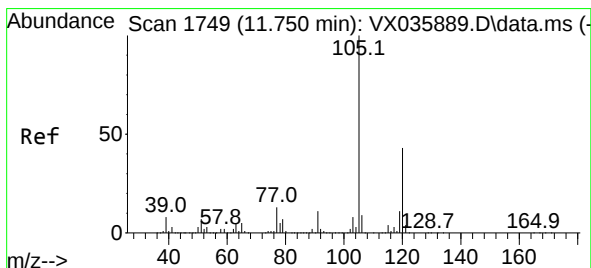
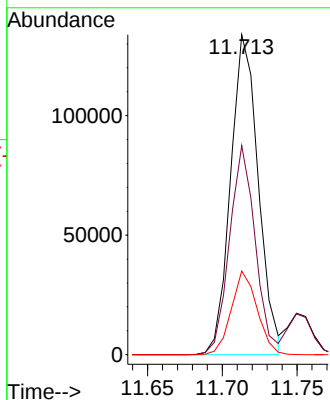
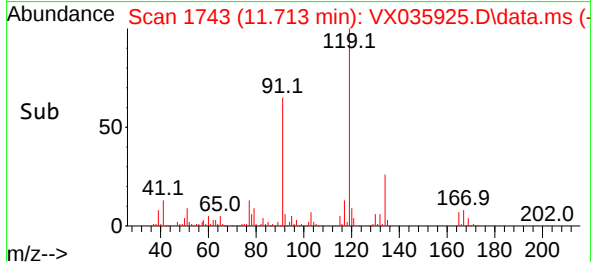
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



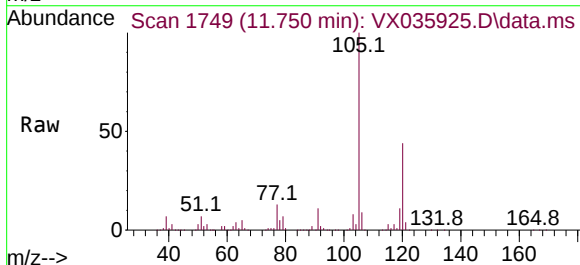
Tgt Ion:119 Resp: 172190
Ion Ratio Lower Upper
119 100
91 60.9 32.4 97.0
134 24.4 11.6 34.8

Manual Integrations
APPROVED

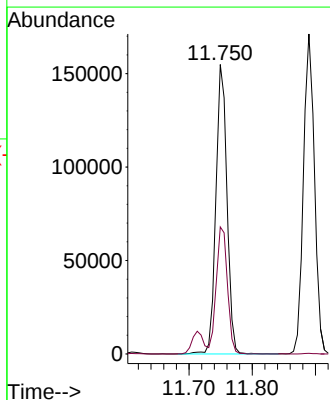
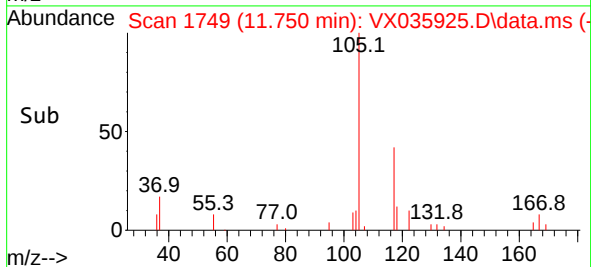
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

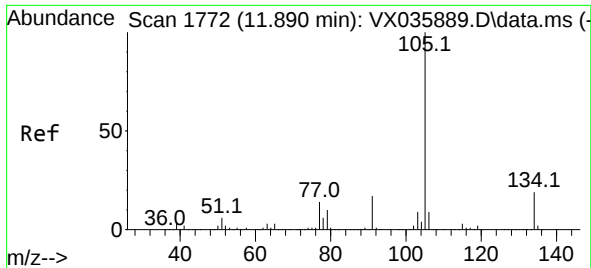


#84
1,2,4-Trimethylbenzene
Concen: 17.473 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



Tgt Ion:105 Resp: 187366
Ion Ratio Lower Upper
105 100
120 44.1 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 16.040 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035925.D
 Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

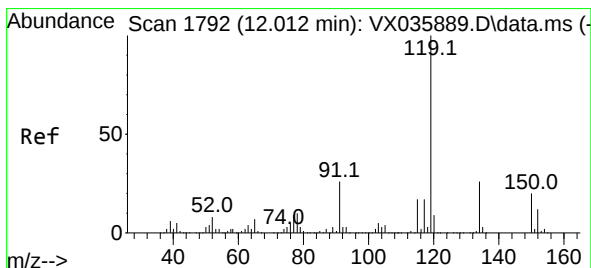
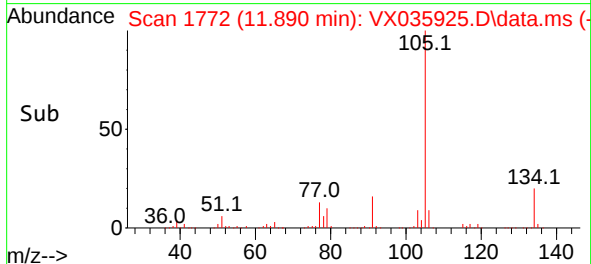
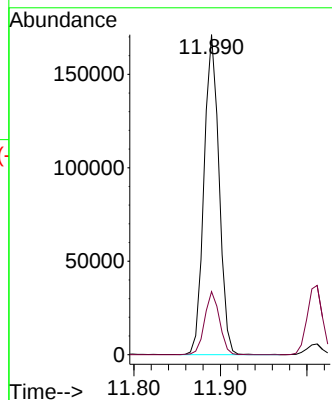
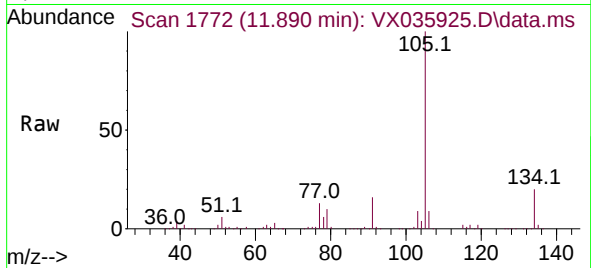
ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 20604
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9

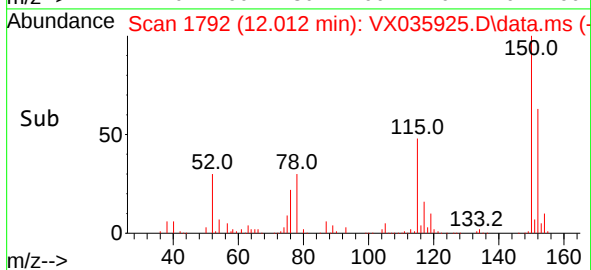
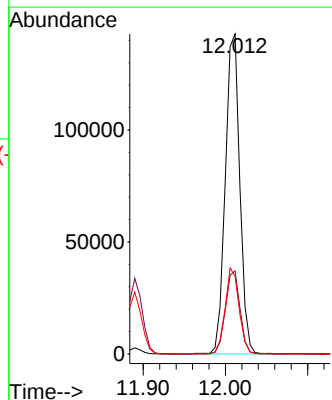
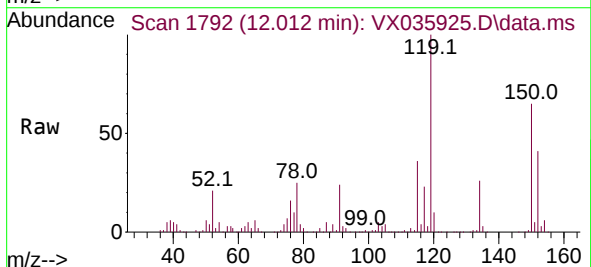
Manual Integrations
 APPROVED

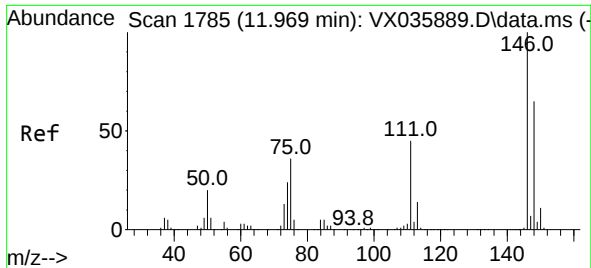
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023



#86
 p-Isopropyltoluene
 Concen: 16.342 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX035925.D
 Acq: 31 May 2023 10:49

Tgt Ion:119 Resp: 175529
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.1
 91 25.9 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 17.863 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 9664

Ion Ratio Lower Upper

146 100

111 43.2 22.6 67.7

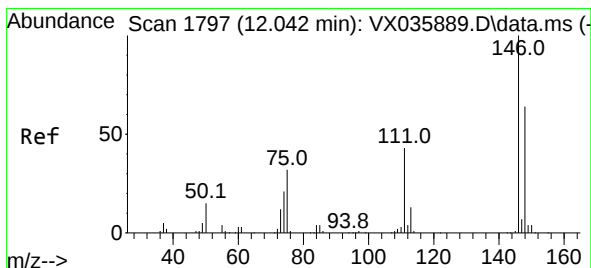
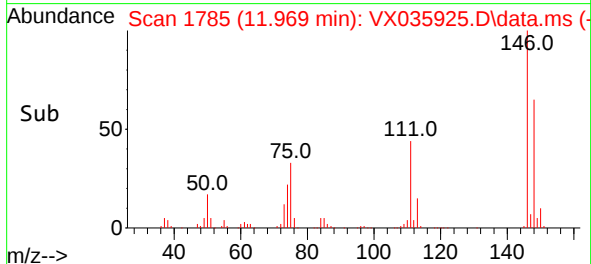
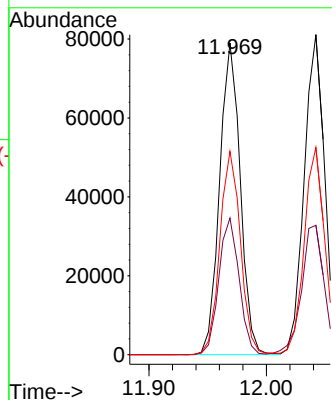
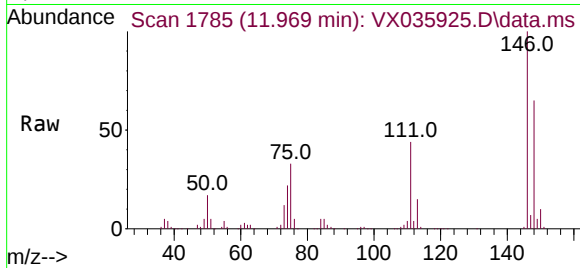
148 65.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#88

1,4-Dichlorobenzene

Concen: 17.799 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

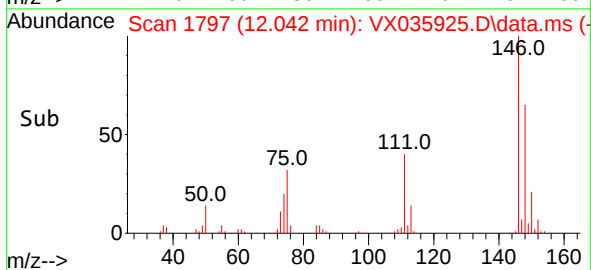
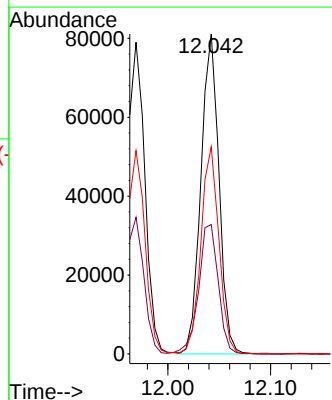
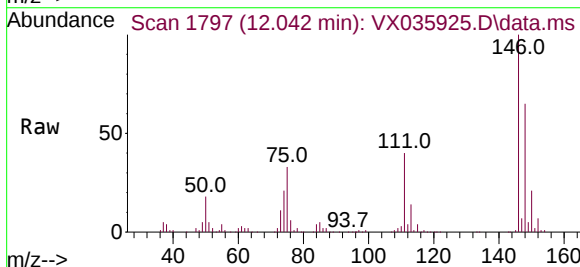
Tgt Ion:146 Resp: 99207

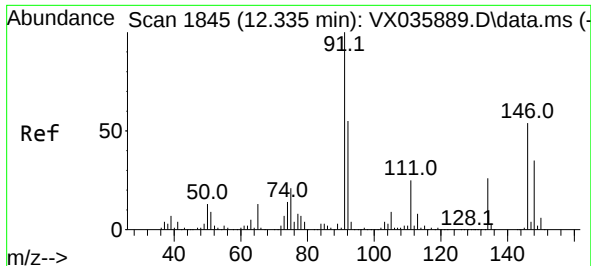
Ion Ratio Lower Upper

146 100

111 44.2 21.8 65.3

148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 15.456 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035925.D

Acq: 31 May 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 145924

Ion Ratio Lower Upper

91 100

92 54.8 27.3 81.8

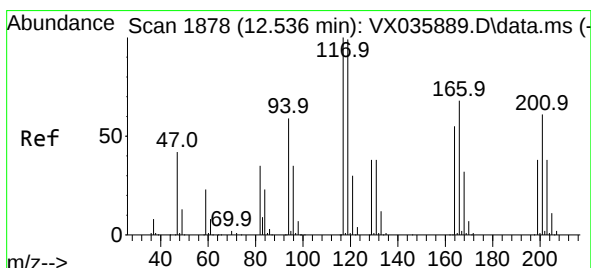
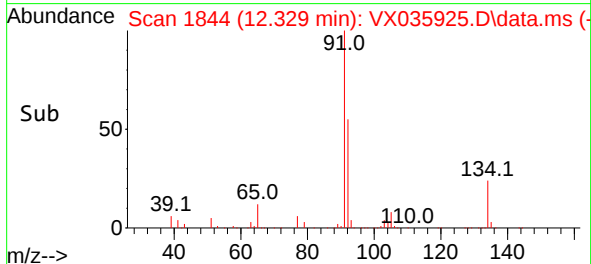
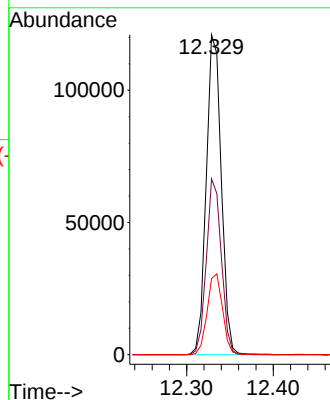
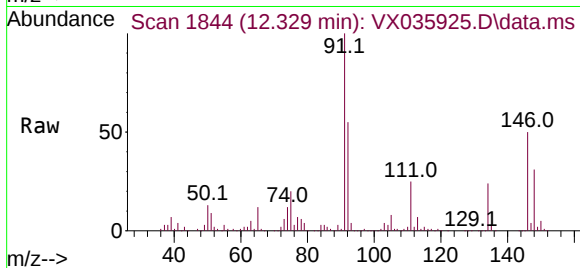
134 25.7 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#90

Hexachloroethane

Concen: 16.980 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX035925.D

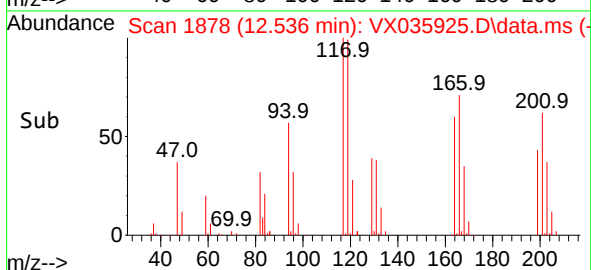
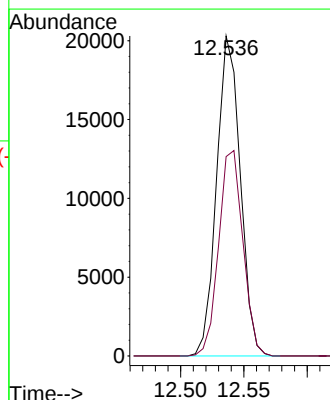
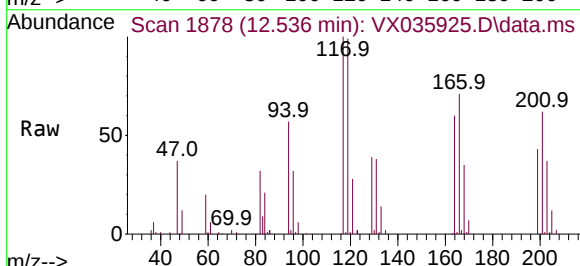
Acq: 31 May 2023 10:49

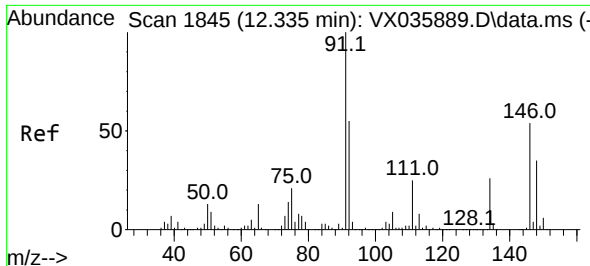
Tgt Ion:117 Resp: 26385

Ion Ratio Lower Upper

117 100

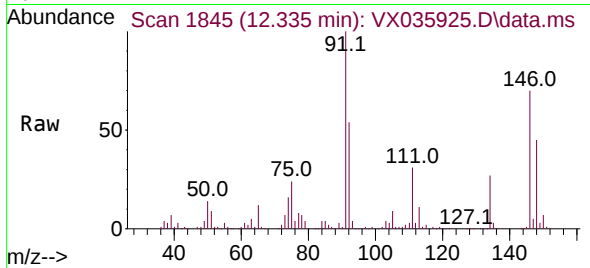
201 65.9 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 18.478 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

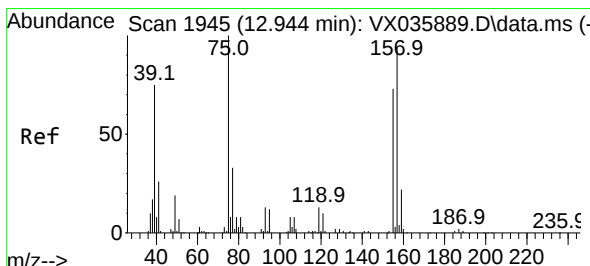
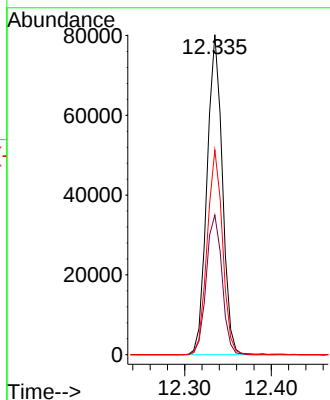
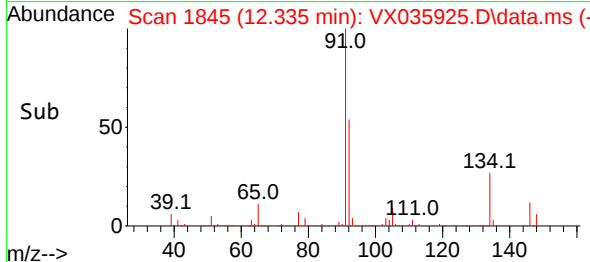
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



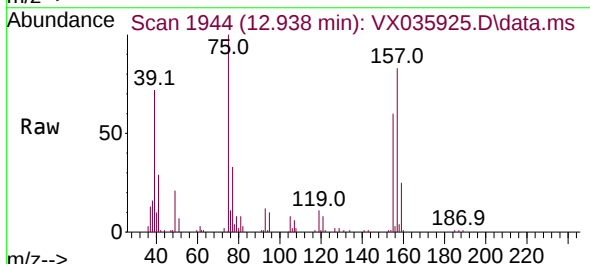
Tgt Ion:146 Resp: 98740
Ion Ratio Lower Upper
146 100
111 44.7 23.3 69.9
148 63.8 31.9 95.7

Manual Integrations
APPROVED

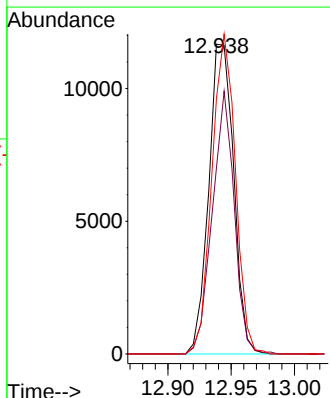
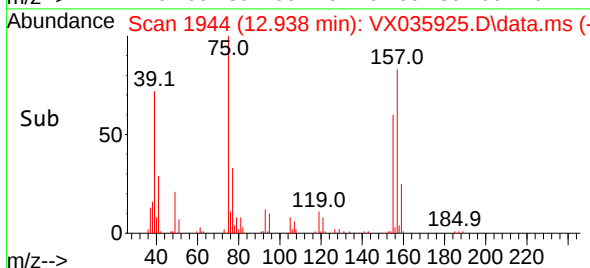
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

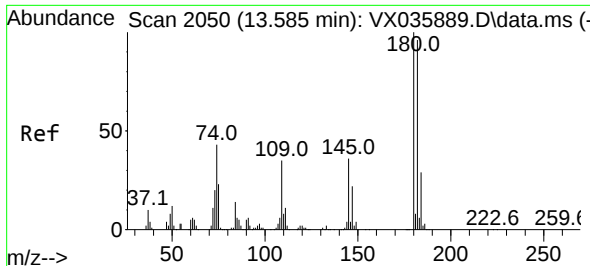


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.627 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



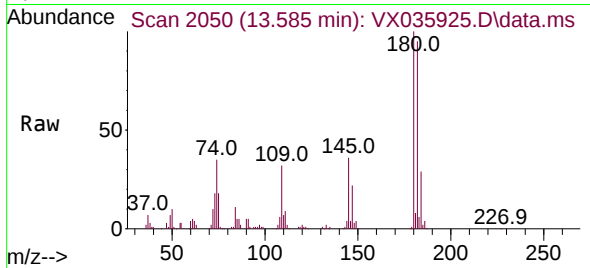
Tgt Ion: 75 Resp: 16012
Ion Ratio Lower Upper
75 100
155 74.3 35.3 105.7
157 97.3 45.6 136.8





#93
1,2,4-Trichlorobenzene
Concen: 17.994 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

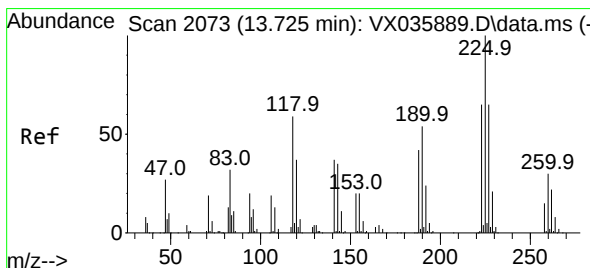
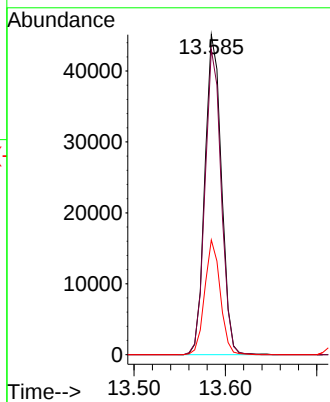
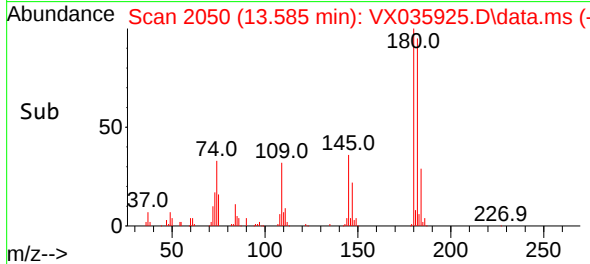
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



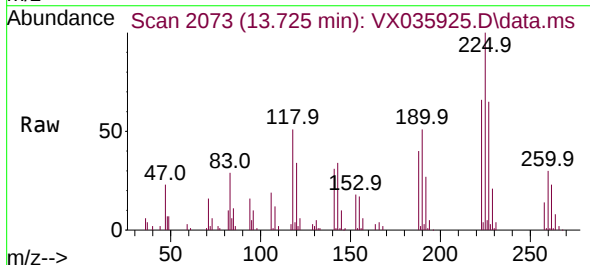
Tgt Ion:180 Resp: 5654
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.8
145 33.8 17.3 51.9

Manual Integrations
APPROVED

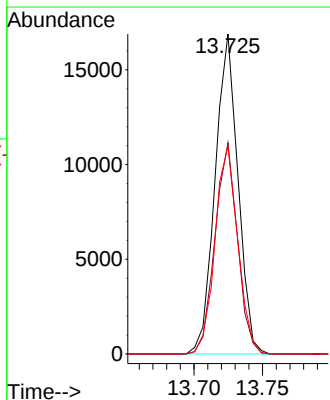
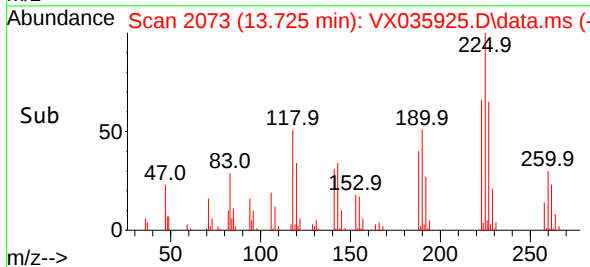
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

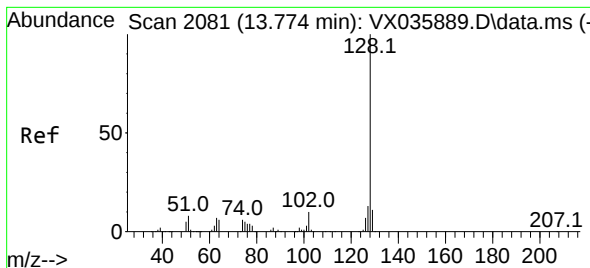


#94
Hexachlorobutadiene
Concen: 15.547 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



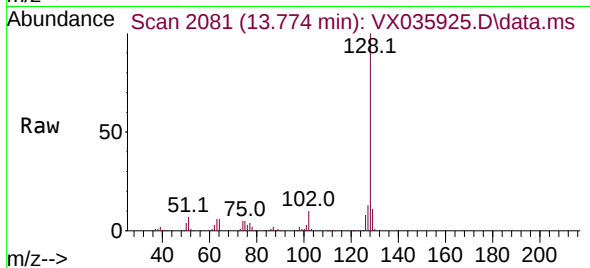
Tgt Ion:225 Resp: 19588
Ion Ratio Lower Upper
225 100
223 64.6 32.6 97.7
227 64.7 31.9 95.7





#95
Naphthalene
Concen: 18.708 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49

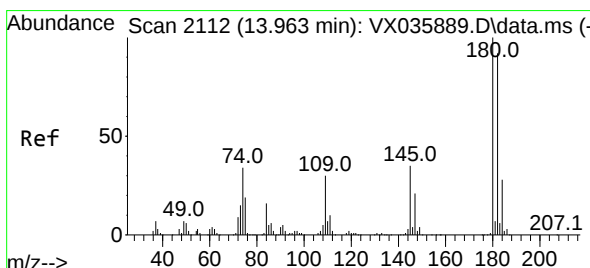
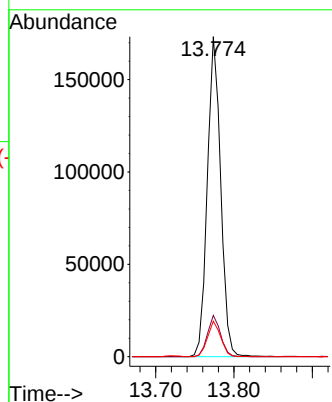
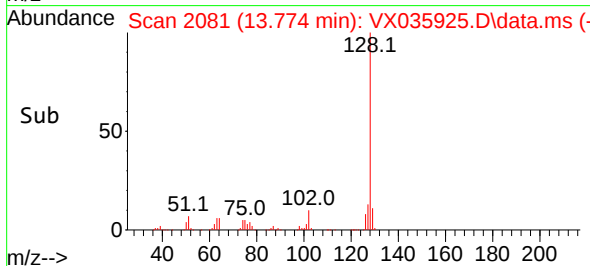
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



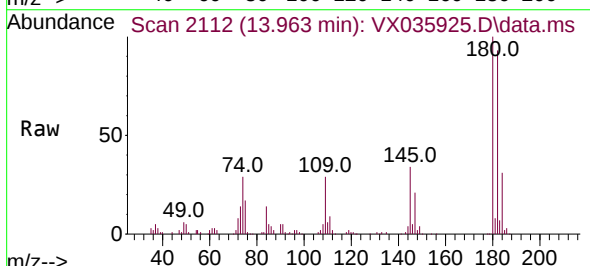
Tgt Ion:128 Resp: 204235
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.644 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035925.D
Acq: 31 May 2023 10:49



Tgt Ion:180 Resp: 55249
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.7
145 34.8 18.1 54.3

