

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036017.D
 Acq On : 05 Jun 2023 20:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 06:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	182359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	349373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	135145	45.638	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.280%		
35) Dibromofluoromethane	5.385	113	93073	39.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	79.220%		
50) Toluene-d8	8.647	98	340881	40.420	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	80.840%#		
62) 4-Bromofluorobenzene	11.079	95	141858	42.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99597	49.988	ug/l	99
3) Chloromethane	1.294	50	112949	49.597	ug/l	97
4) Vinyl Chloride	1.374	62	104031	48.631	ug/l	99
5) Bromomethane	1.617	94	62322	44.233	ug/l	96
6) Chloroethane	1.691	64	66866	53.085	ug/l	98
7) Trichlorofluoromethane	1.886	101	145619	48.376	ug/l	97
8) Diethyl Ether	2.130	74	65916	50.422	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	93314	49.948	ug/l	100
10) Methyl Iodide	2.453	142	98080	44.598	ug/l	98
11) Tert butyl alcohol	3.038	59	141534m	269.130	ug/l	
12) 1,1-Dichloroethene	2.319	96	89734	49.049	ug/l	95
13) Acrolein	2.245	56	128934	254.525	ug/l	99
14) Allyl chloride	2.666	41	186835	49.679	ug/l	99
15) Acrylonitrile	3.074	53	338712	274.128	ug/l	99
16) Acetone	2.404	43	312856	256.086	ug/l	98
17) Carbon Disulfide	2.514	76	199341	43.484	ug/l	100
18) Methyl Acetate	2.709	43	271853	57.239	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	386171	53.886	ug/l	100
20) Methylene Chloride	2.788	84	115047	48.887	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	99796	47.719	ug/l	96
22) Diisopropyl ether	3.757	45	398093	54.421	ug/l	95
23) Vinyl Acetate	3.721	43	1465857	285.220	ug/l	99
24) 1,1-Dichloroethane	3.611	63	213657	52.661	ug/l	99
25) 2-Butanone	4.574	43	483517	276.522	ug/l	99
26) 2,2-Dichloropropane	4.477	77	138079	44.649	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	123414	49.169	ug/l	100
28) Bromochloromethane	4.897	49	99112	46.649	ug/l	98
29) Tetrahydrofuran	5.019	42	318129	282.330	ug/l	99
30) Chloroform	5.092	83	227557	54.453	ug/l	98
31) Cyclohexane	5.470	56	159685	51.503	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	189952	53.790	ug/l	99
36) 1,1-Dichloropropene	5.690	75	149763	47.799	ug/l	99
37) Ethyl Acetate	4.721	43	192729	55.234	ug/l	99
38) Carbon Tetrachloride	5.678	117	151625	49.659	ug/l	93
39) Methylcyclohexane	7.379	83	154762	47.342	ug/l	98
40) Benzene	6.037	78	447728	47.613	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	110594	55.871	ug/l	99
42) 1,2-Dichloroethane	6.086	62	199871	53.673	ug/l	99
43) Isopropyl Acetate	6.336	43	309319	53.912	ug/l	100
44) Trichloroethene	7.123	130	115081	47.176	ug/l	99
45) 1,2-Dichloropropane	7.427	63	122650	49.555	ug/l	100
46) Dibromomethane	7.580	93	85987	50.014	ug/l	98
47) Bromodichloromethane	7.824	83	168121	51.985	ug/l	100
48) Methyl methacrylate	7.689	41	151158	53.723	ug/l	97
49) 1,4-Dioxane	7.757	88	63031	978.136	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	965145	275.583	ug/l	99
52) Toluene	8.720	92	291500	49.307	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	174390	51.010	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	188702	49.984	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	125948	51.134	ug/l	98
56) Ethyl methacrylate	9.116	69	196259	53.295	ug/l	96
57) 1,3-Dichloropropane	9.305	76	213616	50.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	486486	252.124	ug/l	98
59) 2-Hexanone	9.433	43	717199	276.996	ug/l	100
60) Dibromochloromethane	9.518	129	124069	51.888	ug/l	100
61) 1,2-Dibromoethane	9.610	107	130366	51.772	ug/l	100
64) Tetrachloroethene	9.275	164	92938	45.606	ug/l	97
65) Chlorobenzene	10.079	112	315662	48.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	117717	51.151	ug/l	97
67) Ethyl Benzene	10.195	91	564742	48.495	ug/l	100
68) m/p-Xylenes	10.299	106	433889	98.209	ug/l	96
69) o-Xylene	10.640	106	216465	48.758	ug/l	96
70) Styrene	10.652	104	369556	51.517	ug/l	97
71) Bromoform	10.799	173	83068	52.118	ug/l #	99
73) Isopropylbenzene	10.963	105	547197	48.190	ug/l	98
74) N-amyl acetate	10.841	43	256075	51.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	192935	49.671	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	183134m	51.964	ug/l	
77) Bromobenzene	11.195	156	132717	47.264	ug/l	98
78) n-propylbenzene	11.305	91	637061	49.709	ug/l	98
79) 2-Chlorotoluene	11.366	91	405114	48.537	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	475220	49.639	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	51568	49.286	ug/l	96
82) 4-Chlorotoluene	11.451	91	467866	48.839	ug/l	99
83) tert-Butylbenzene	11.713	119	453636	49.599	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	485997	49.465	ug/l	100
85) sec-Butylbenzene	11.890	105	540481	49.821	ug/l	98
86) p-Isopropyltoluene	12.006	119	463579	49.981	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	247922	48.199	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	251528	46.419	ug/l	100
89) n-Butylbenzene	12.329	91	386412	49.313	ug/l	99
90) Hexachloroethane	12.536	117	74196	50.446	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	247986	48.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42077	52.492	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	137413	46.115	ug/l	99
94) Hexachlorobutadiene	13.725	225	49689	43.836	ug/l	95
95) Naphthalene	13.774	128	522718	50.400	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	139554	47.478	ug/l	100

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VSTDCCC050EC

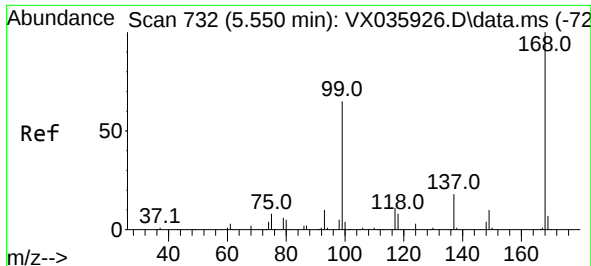
Manual Integrations
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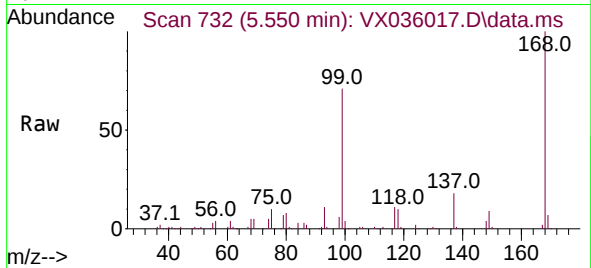
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036017.D
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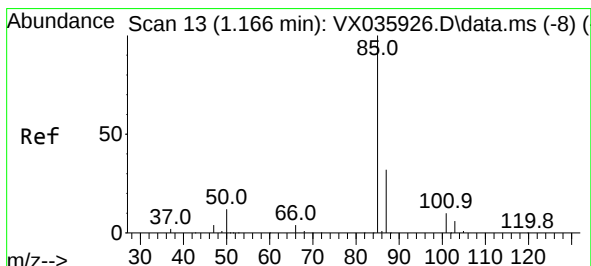
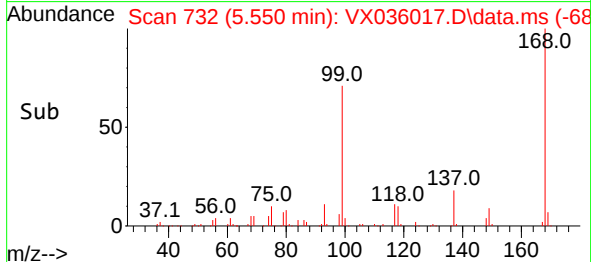
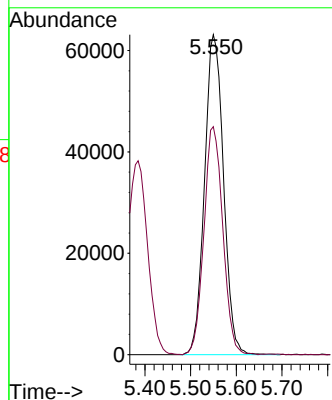
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 18235
Ion Ratio Lower Upper
168 100
99 71.1 57.0 85.6

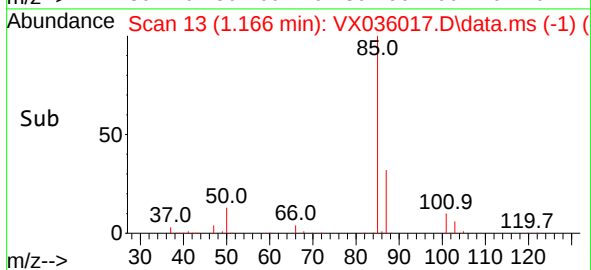
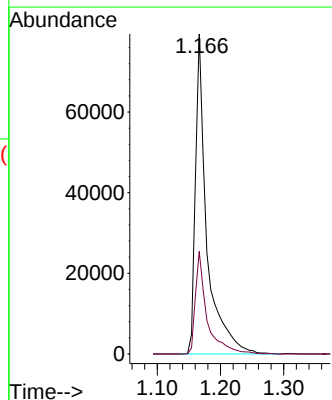
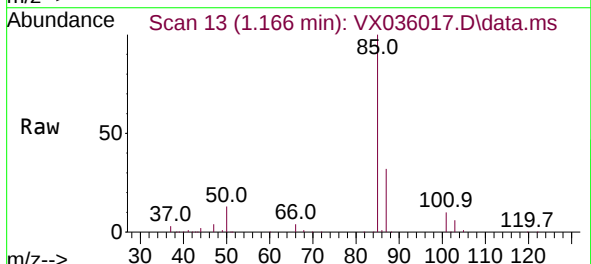
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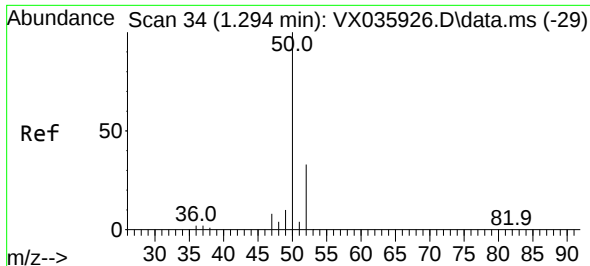
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#2
Dichlorodifluoromethane
Concen: 49.988 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

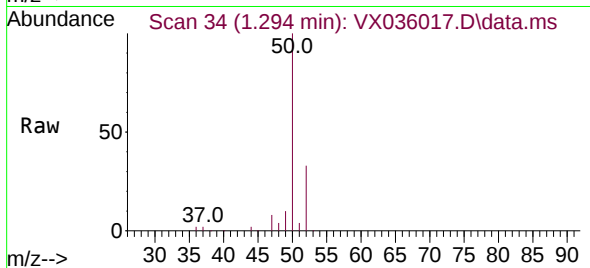
Tgt Ion: 85 Resp: 99597
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 49.597 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

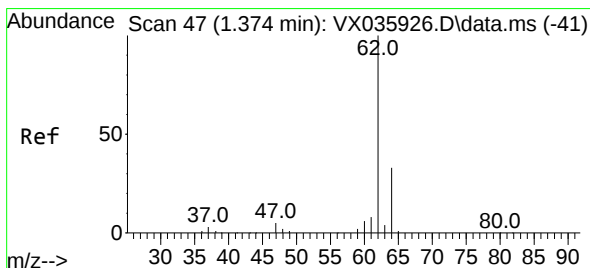
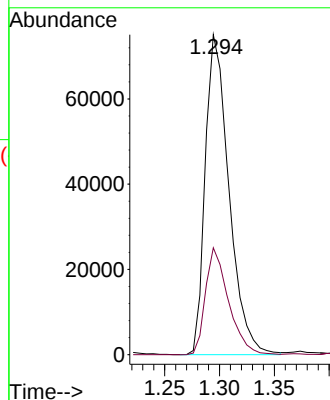
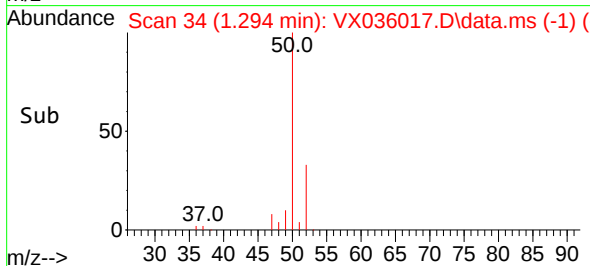
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Tgt Ion: 50 Resp: 112949
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

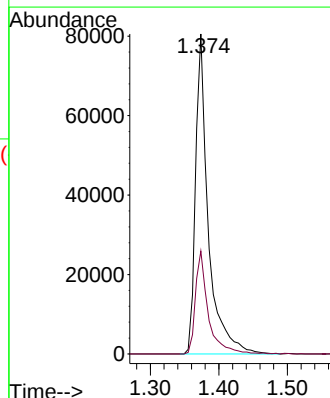
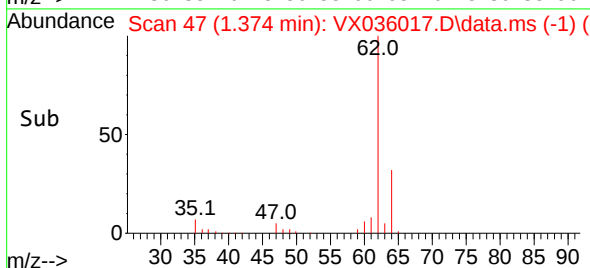
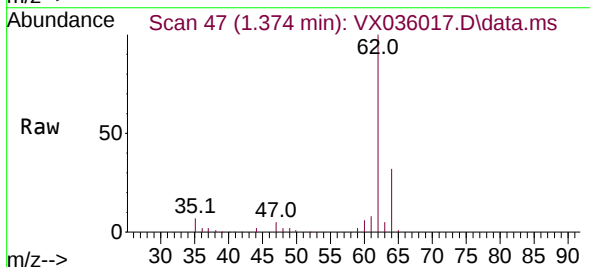
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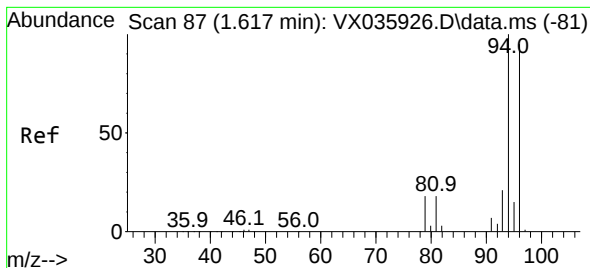
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#4
Vinyl Chloride
Concen: 48.631 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

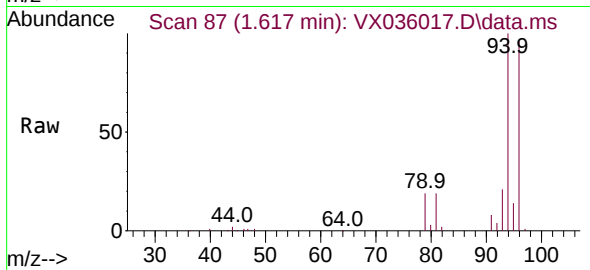
Tgt Ion: 62 Resp: 104031
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





#5
Bromomethane
Concen: 44.233 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

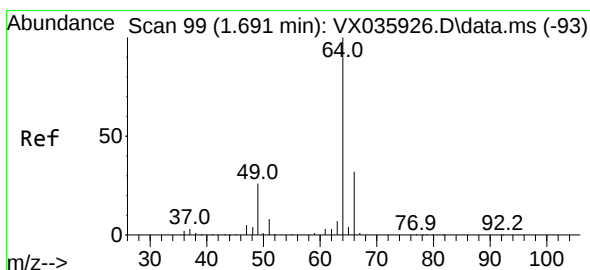
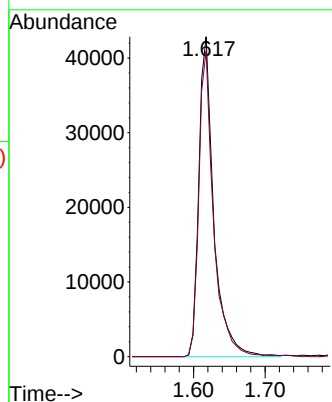
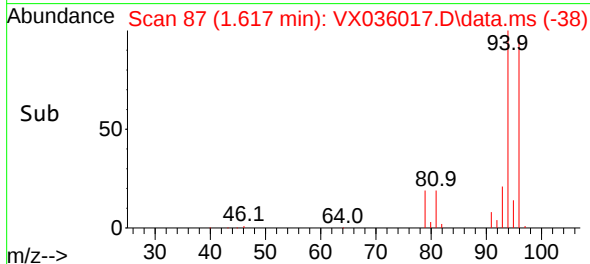
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Tgt Ion: 94 Resp: 6232
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3

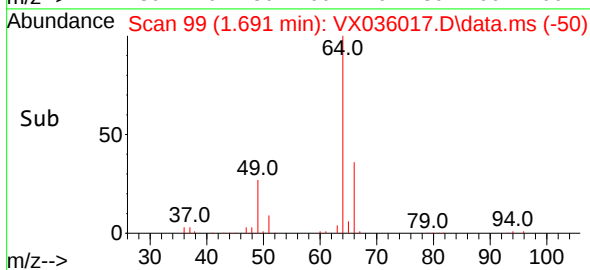
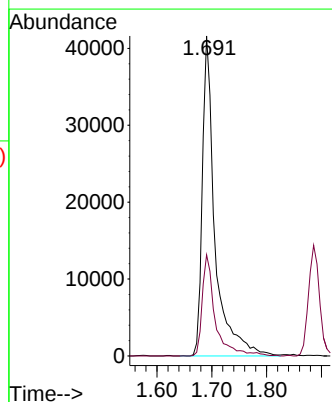
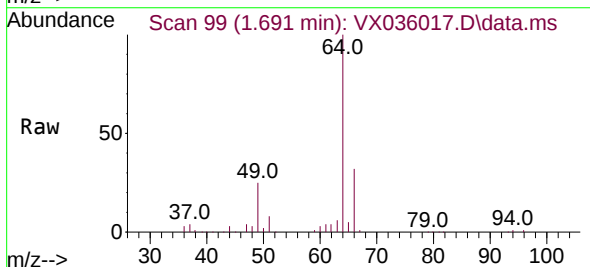
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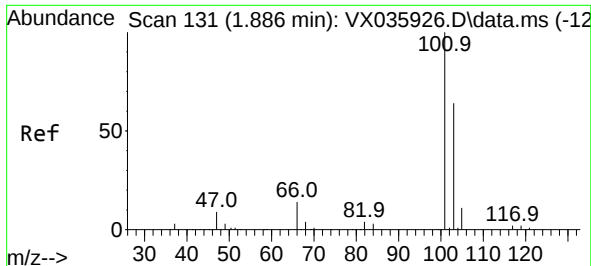
Reviewed By :John Carlone 06/06/2023
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#6
Chloroethane
Concen: 53.085 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036017.D
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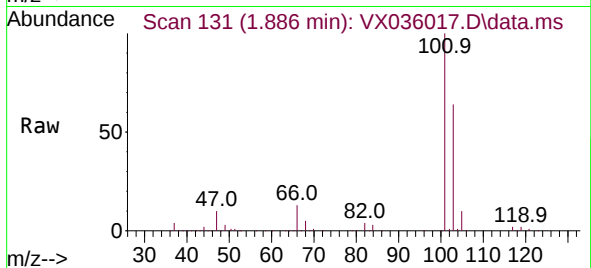
Tgt Ion: 64 Resp: 66866
Ion Ratio Lower Upper
64 100
66 31.6 26.0 39.0





#7
Trichlorofluoromethane
Concen: 48.376 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

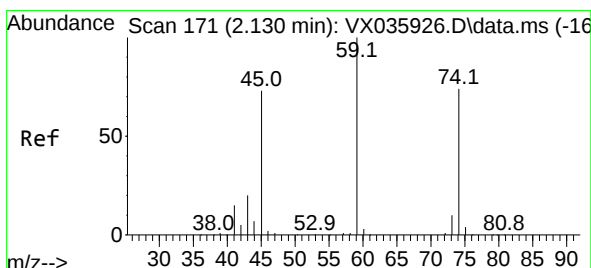
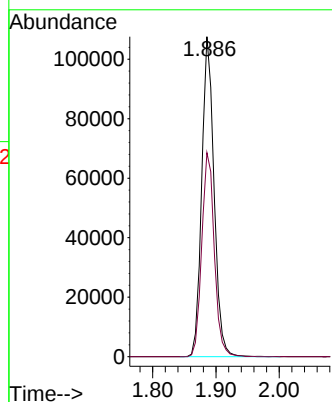
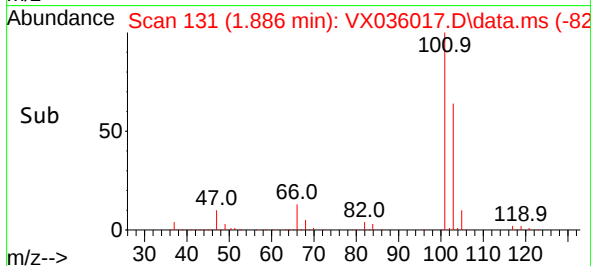
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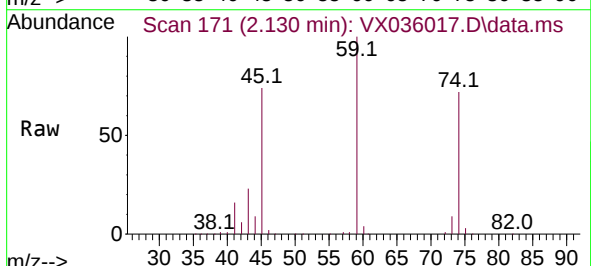
Tgt Ion:101 Resp: 145619
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8

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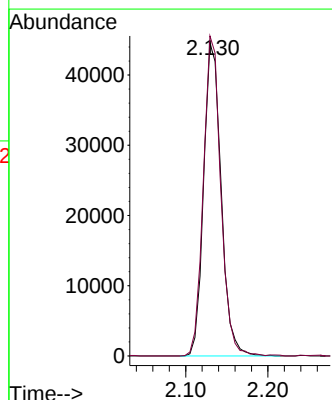
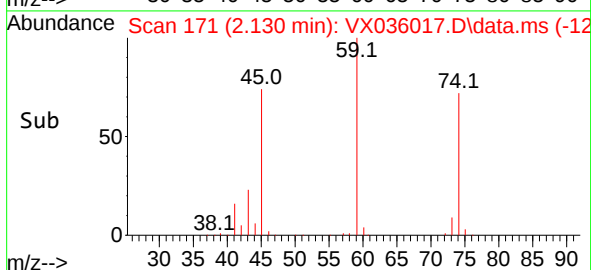
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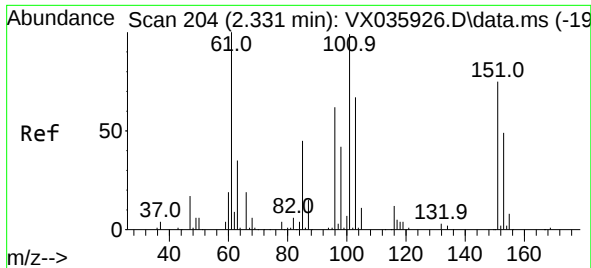


#8
Diethyl Ether
Concen: 50.422 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 65916
Ion Ratio Lower Upper
74 100
45 101.9 50.6 151.9





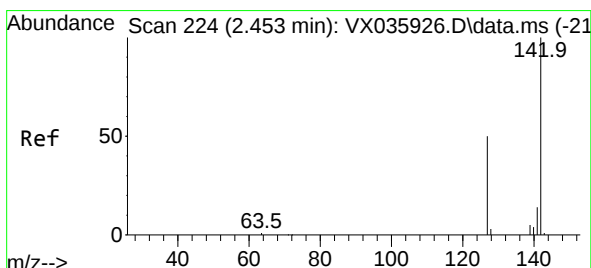
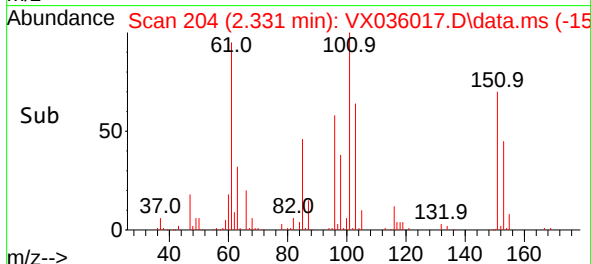
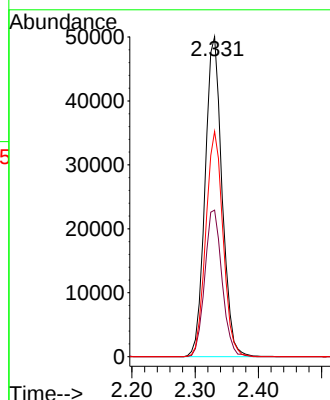
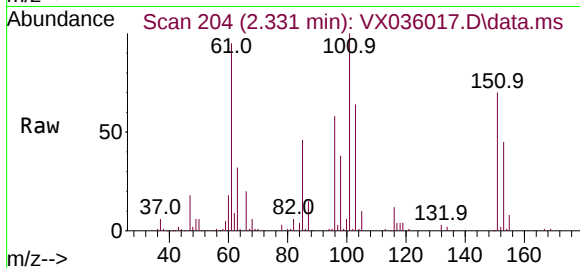
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.948 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 93314
Ion Ratio Lower Upper
101 100
85 46.7 37.3 55.9
151 71.4 57.0 85.6

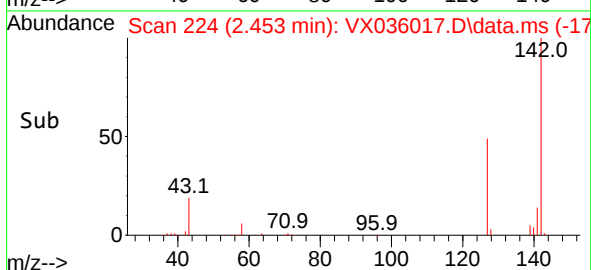
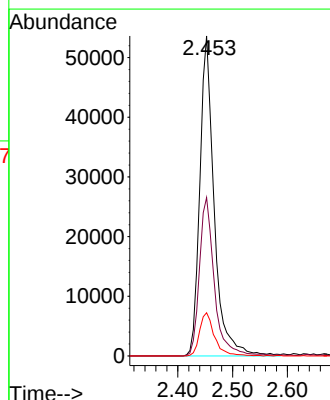
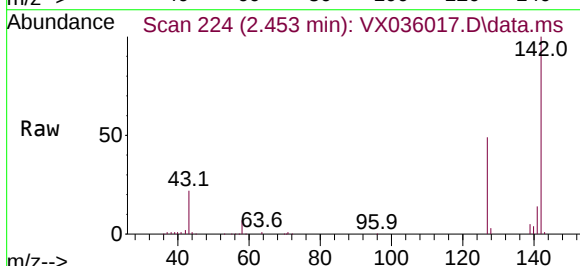
Manual Integrations
APPROVED

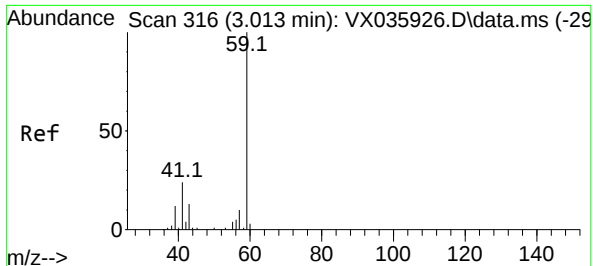
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#10
Methyl Iodide
Concen: 44.598 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

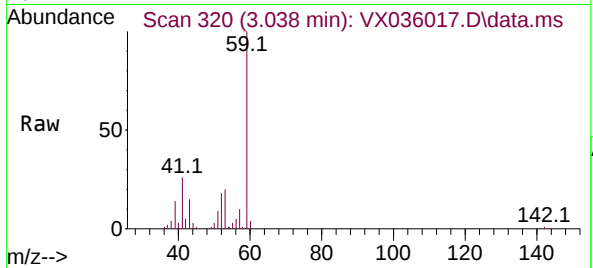
Tgt Ion:142 Resp: 98080
Ion Ratio Lower Upper
142 100
127 51.7 40.3 60.5
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 269.130 ug/l m
RT: 3.038 min Scan# 316
Delta R.T. 0.031 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

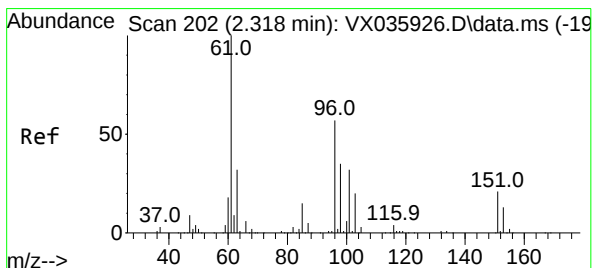
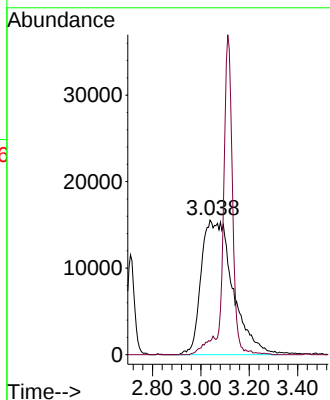
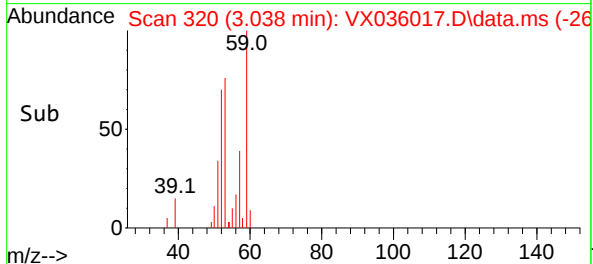
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 141534
Ion Ratio Lower Upper
59 100
57 5.0 6.0 9.0

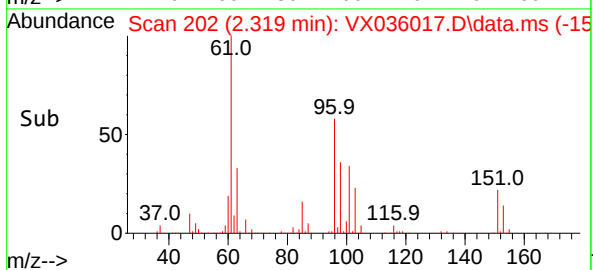
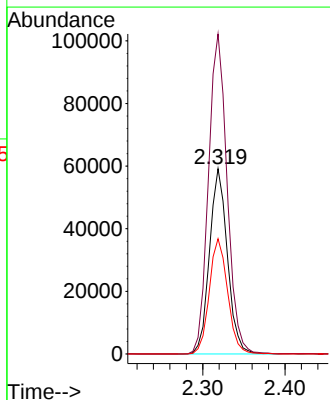
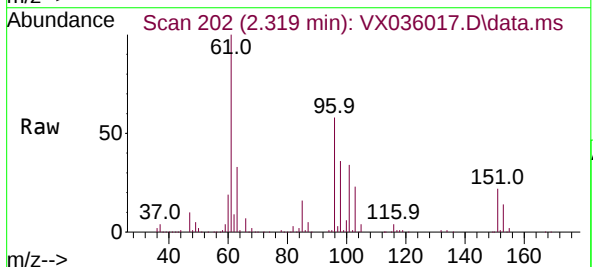
Manual Integrations
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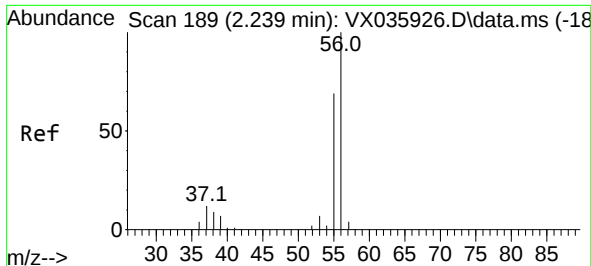
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#12
1,1-Dichloroethene
Concen: 49.049 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 96 Resp: 89734
Ion Ratio Lower Upper
96 100
61 172.8 145.2 217.8
98 62.2 49.3 73.9





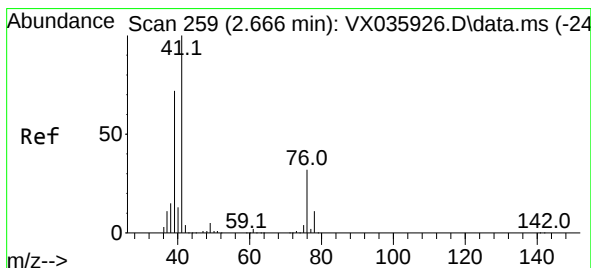
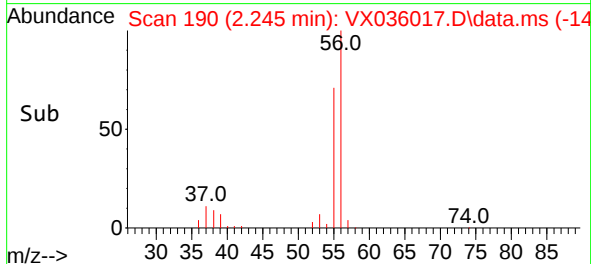
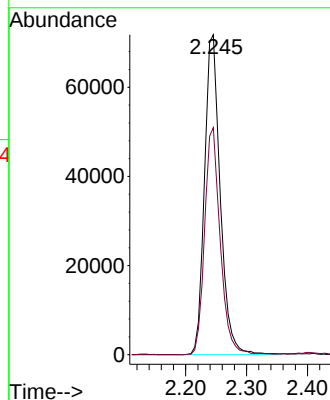
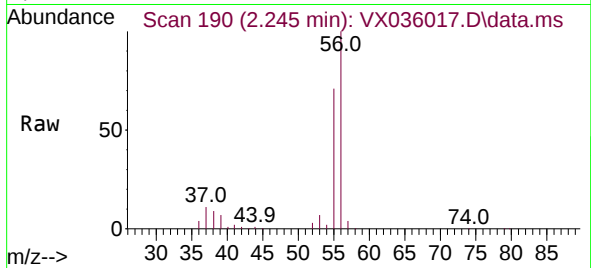
#13
Acrolein
Concen: 254.525 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 128934
Ion Ratio Lower Upper
56 100
55 70.4 57.3 85.9

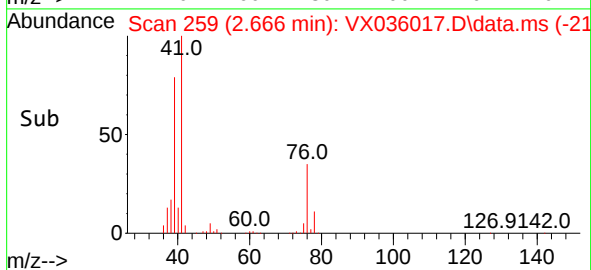
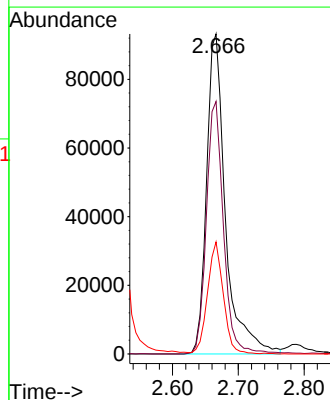
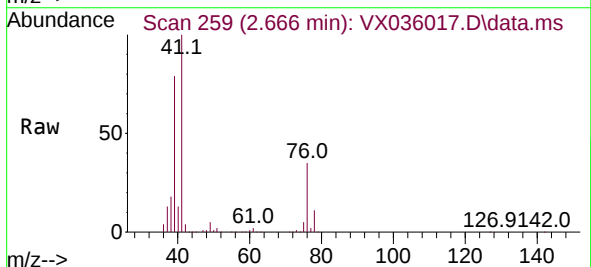
Manual Integrations
APPROVED

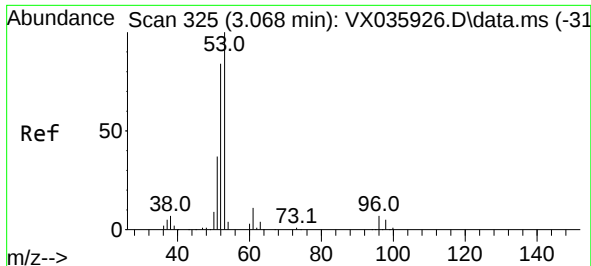
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#14
Allyl chloride
Concen: 49.679 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

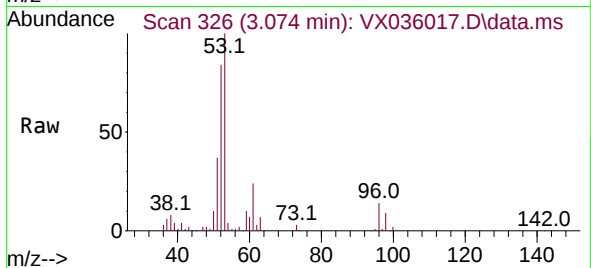
Tgt Ion: 41 Resp: 186835
Ion Ratio Lower Upper
41 100
39 71.4 56.9 85.3
76 29.0 24.1 36.1





#15
Acrylonitrile
Concen: 274.128 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

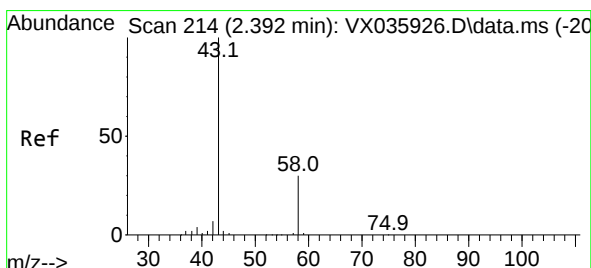
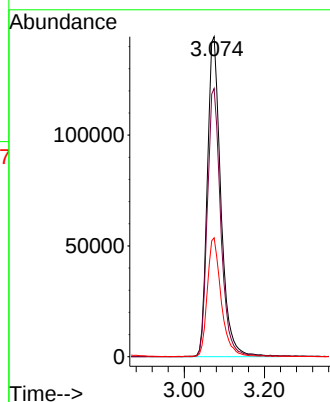
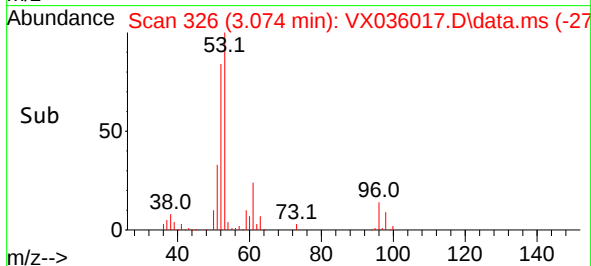
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



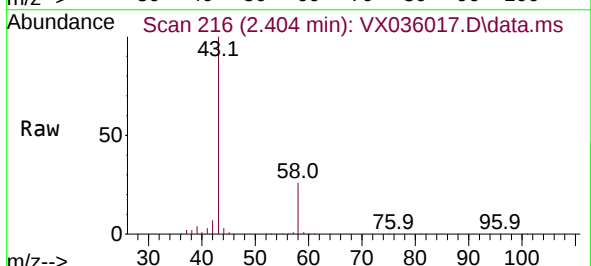
Tgt Ion: 53 Resp: 338712
Ion Ratio Lower Upper
53 100
52 82.8 67.0 100.4
51 37.8 29.8 44.8

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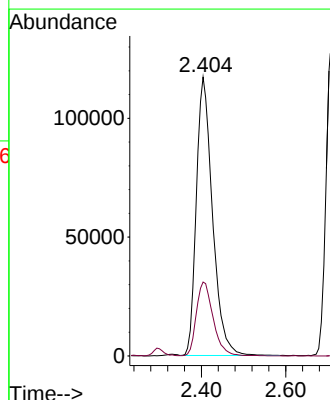
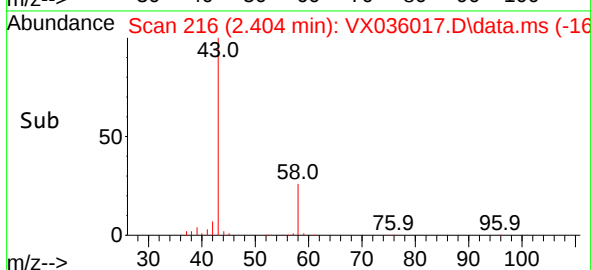
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

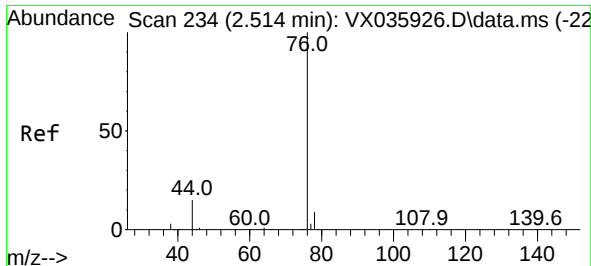


#16
Acetone
Concen: 256.086 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46



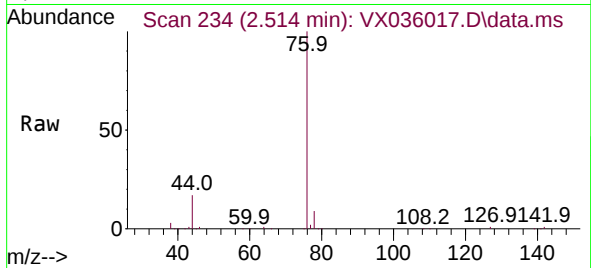
Tgt Ion: 43 Resp: 312856
Ion Ratio Lower Upper
43 100
58 26.4 22.2 33.2





#17
Carbon Disulfide
Concen: 43.484 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

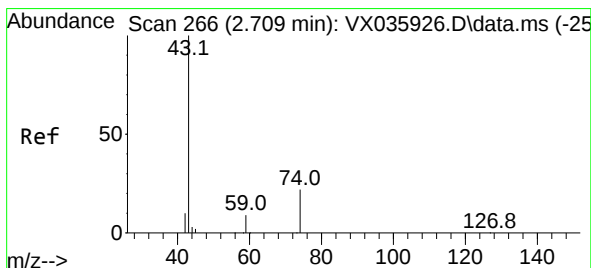
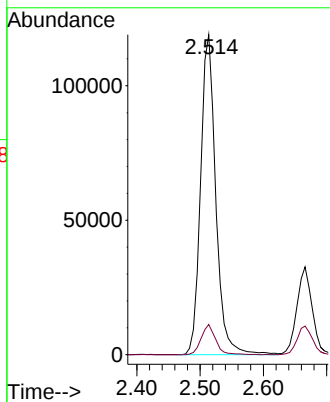
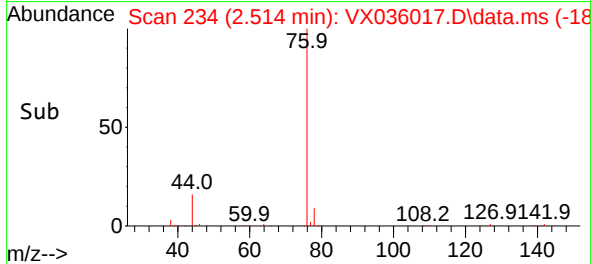
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 19934
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

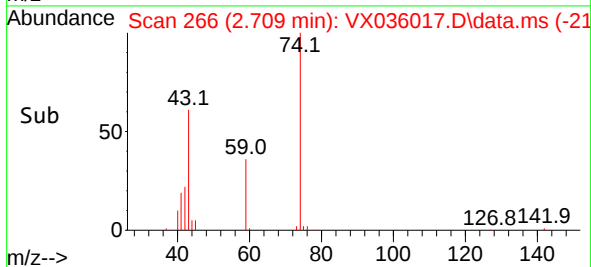
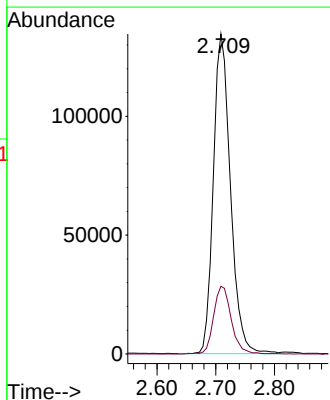
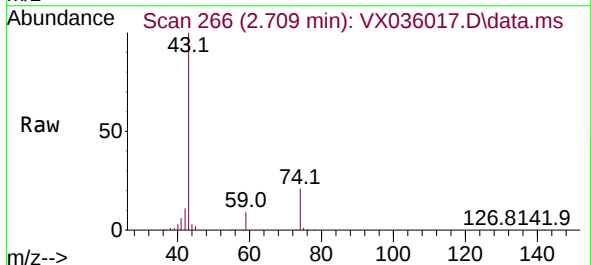
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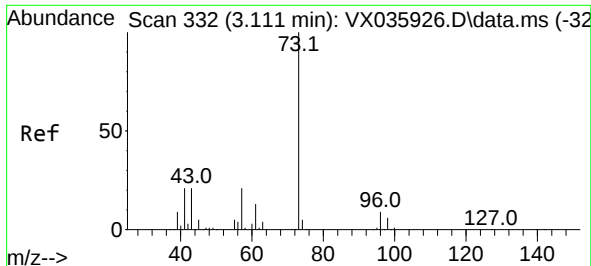
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#18
Methyl Acetate
Concen: 57.239 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 43 Resp: 271853
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5





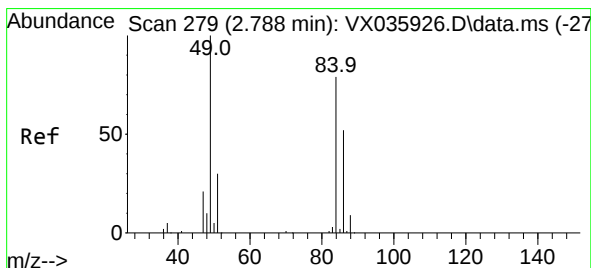
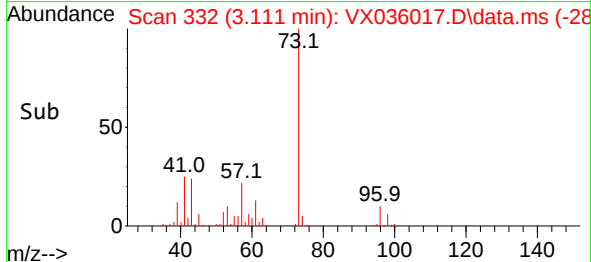
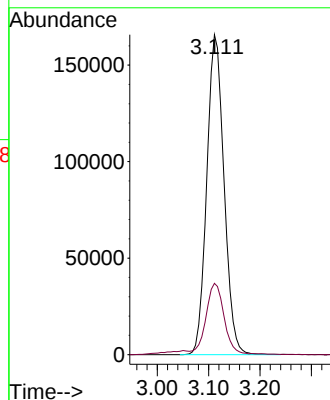
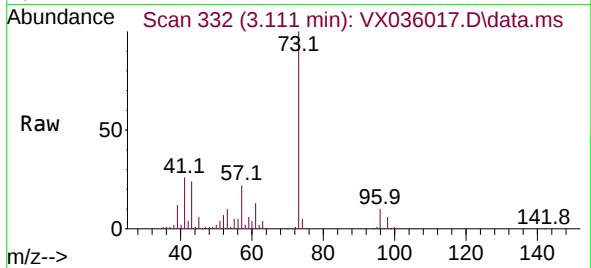
#19
Methyl tert-butyl Ether
Concen: 53.886 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 38617
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

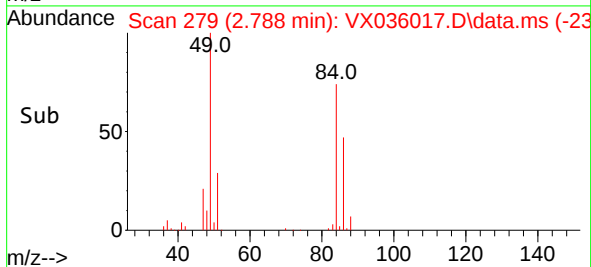
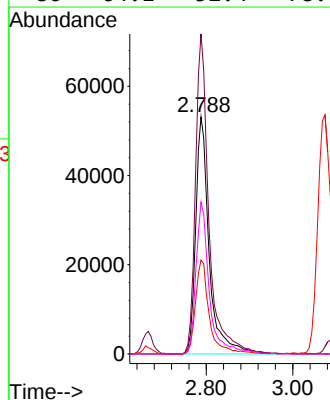
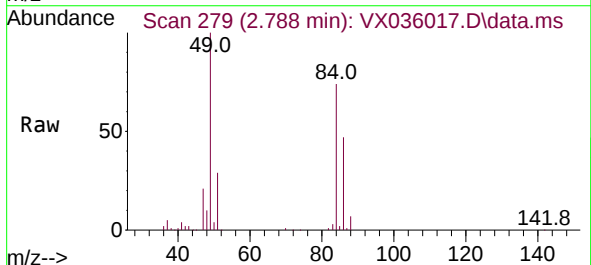
Manual Integrations
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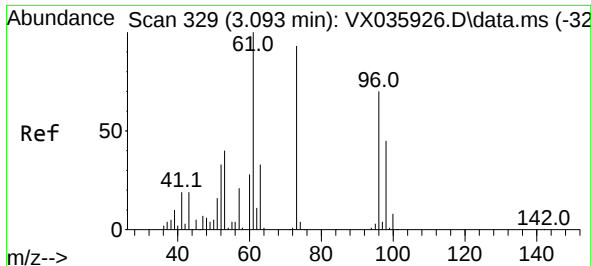
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#20
Methylene Chloride
Concen: 48.887 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

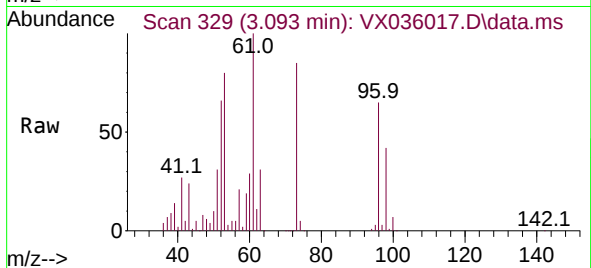
Tgt Ion: 84 Resp: 115047
Ion Ratio Lower Upper
84 100
49 135.1 104.6 156.8
51 39.7 32.2 48.4
86 64.1 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 47.719 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

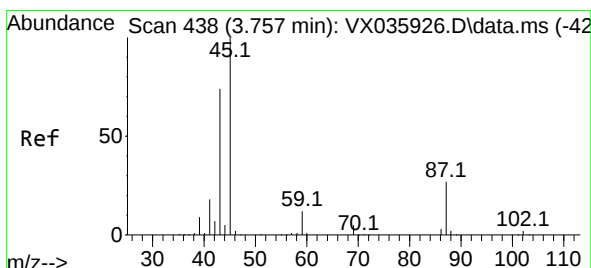
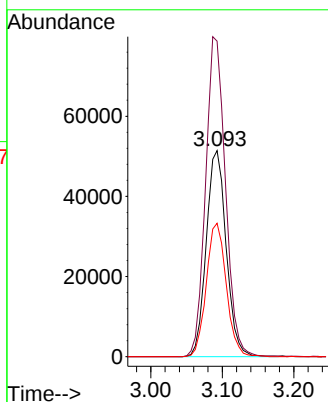
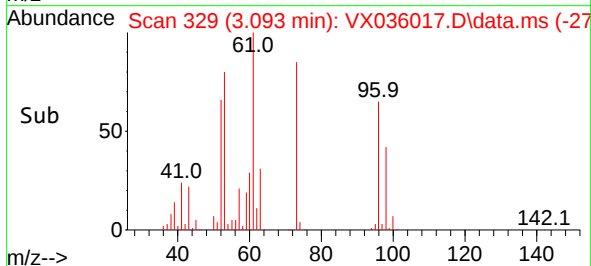
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 99790
Ion Ratio Lower Upper
96 100
61 153.0 118.2 177.4
98 64.7 50.6 75.8

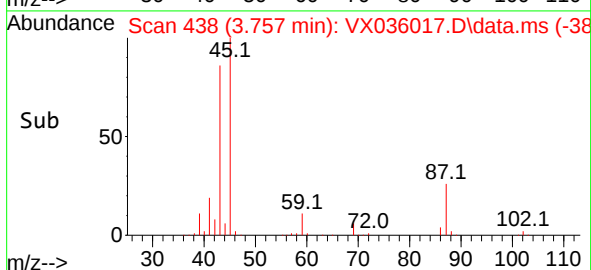
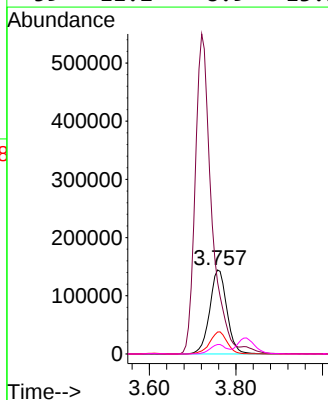
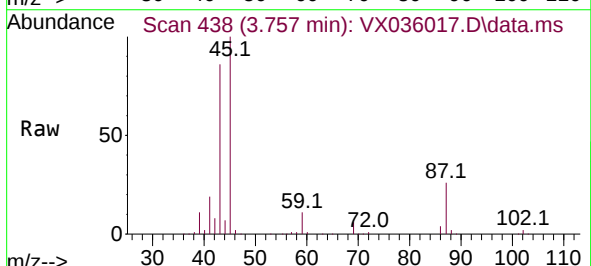
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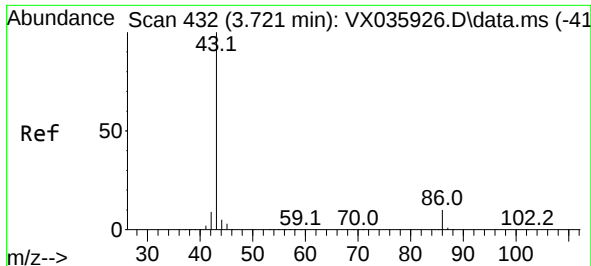
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#22
Diisopropyl ether
Concen: 54.421 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 45 Resp: 398093
Ion Ratio Lower Upper
45 100
43 85.5 63.8 95.6
87 26.2 20.6 31.0
59 11.2 8.9 13.3





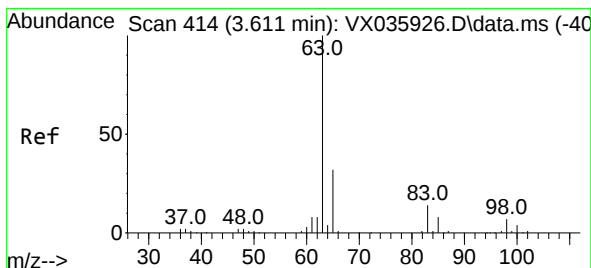
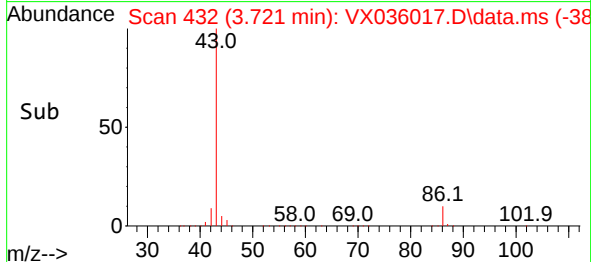
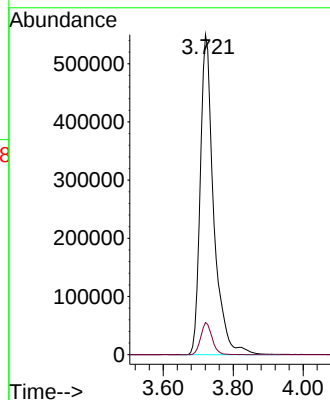
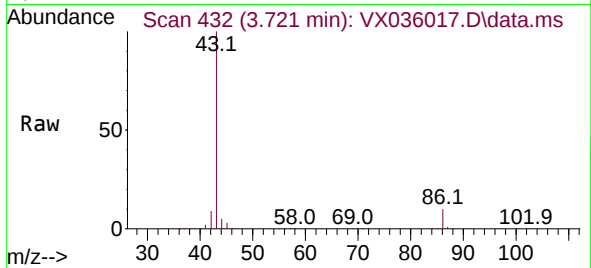
#23
 Vinyl Acetate
 Concen: 285.220 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX036017.D
 Acq: 05 Jun 2023 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 146585
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.6

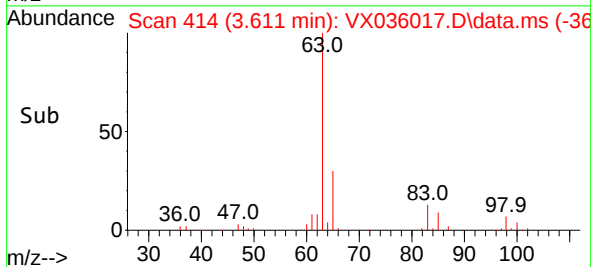
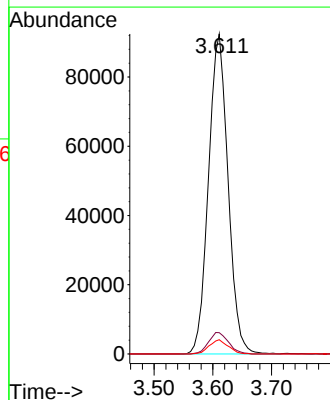
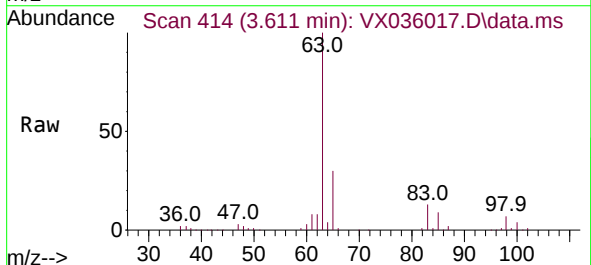
Manual Integrations
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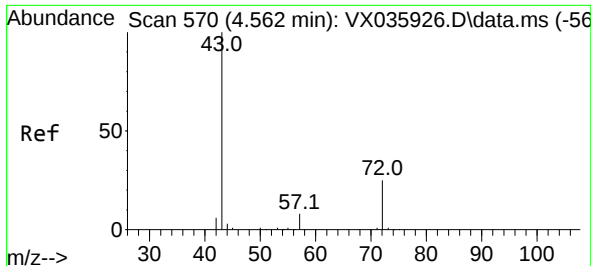
Reviewed By :John Carlone 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#24
 1,1-Dichloroethane
 Concen: 52.661 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036017.D
 Acq: 05 Jun 2023 20:46

Tgt Ion: 63 Resp: 213657
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.5 2.3 6.9





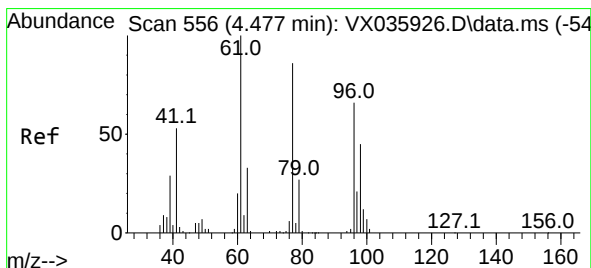
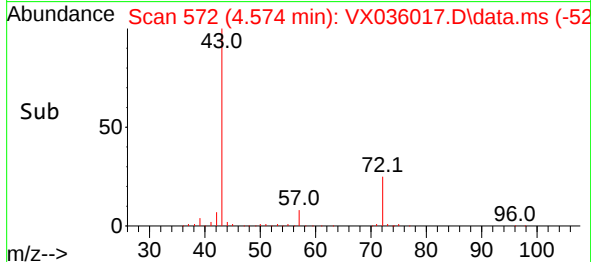
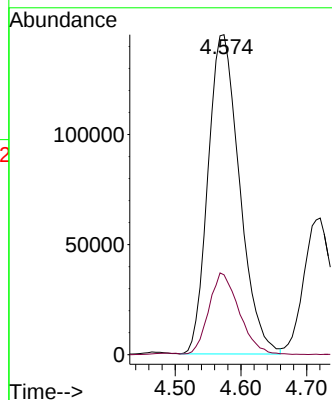
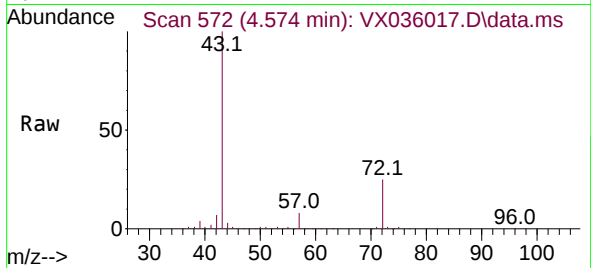
#25
2-Butanone
Concen: 276.522 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 48351
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

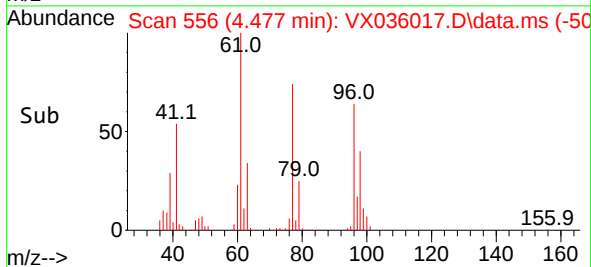
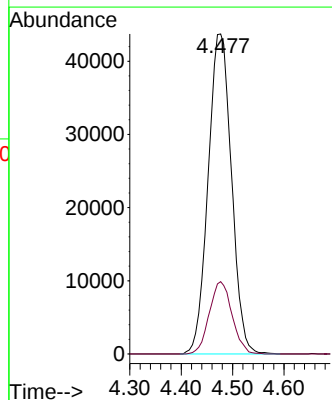
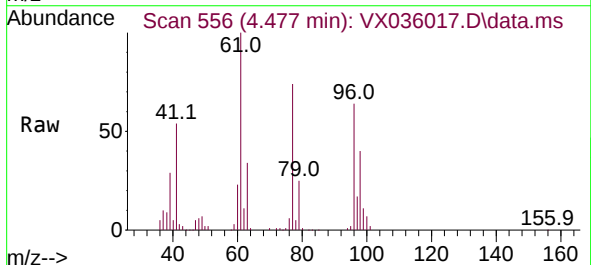
Manual Integrations
APPROVED

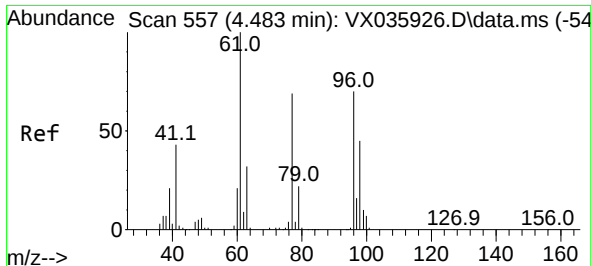
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#26
2,2-Dichloropropane
Concen: 44.649 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 77 Resp: 138079
Ion Ratio Lower Upper
77 100
97 22.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 49.169 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 123414

Ion Ratio Lower Upper

96 100

61 156.1 0.0 312.6

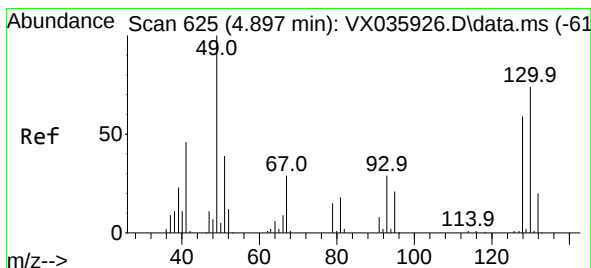
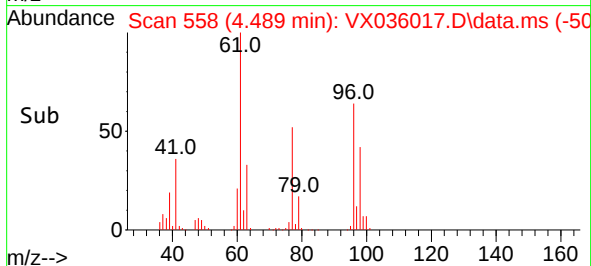
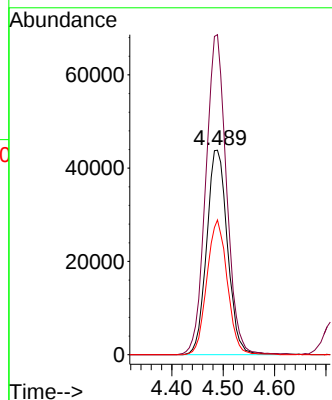
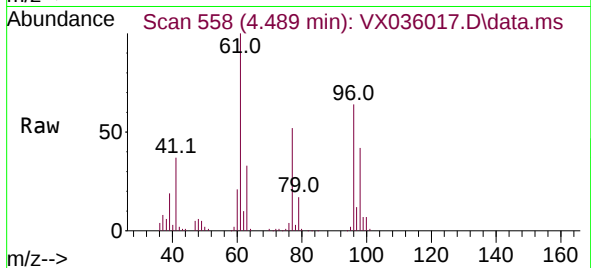
98 64.5 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#28

Bromochloromethane

Concen: 46.649 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

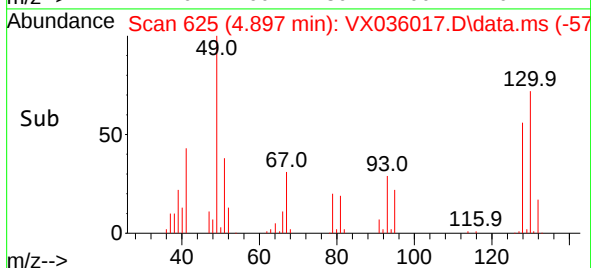
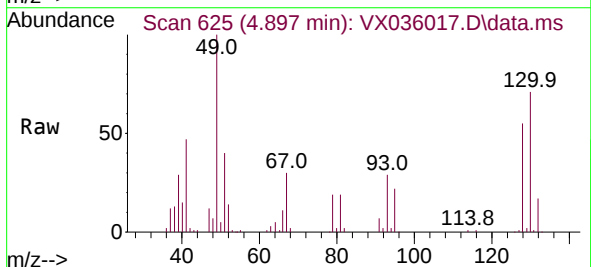
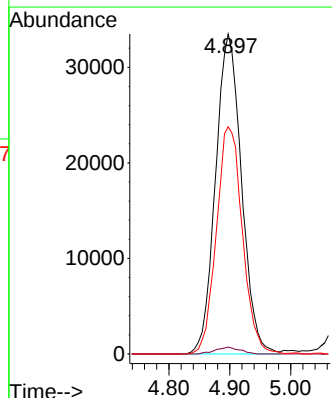
Tgt Ion: 49 Resp: 99112

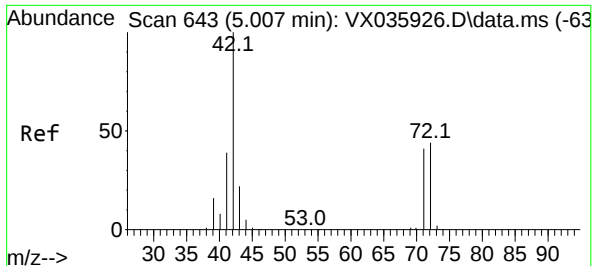
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 71.2 55.8 83.8





#29

Tetrahydrofuran

Concen: 282.330 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

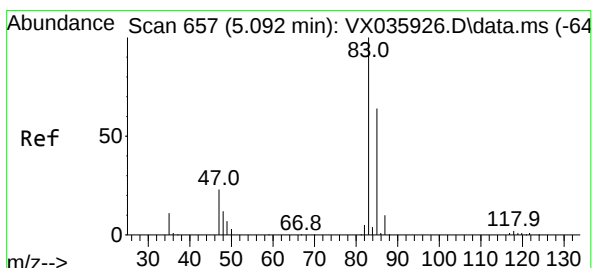
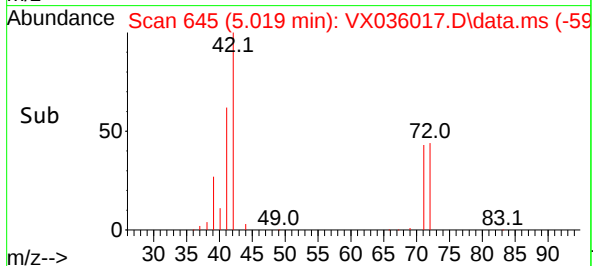
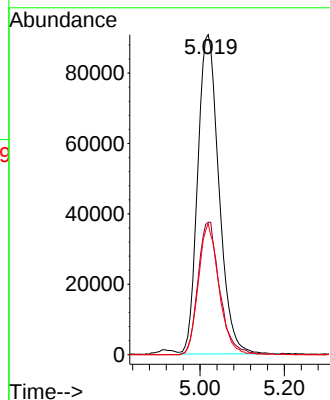
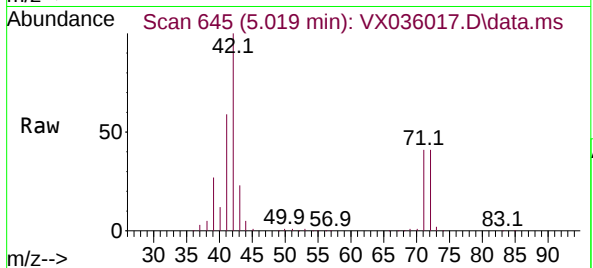
Tgt Ion: 42 Resp: 318129
 Ion Ratio Lower Upper
 42 100
 72 42.1 34.2 51.2
 71 39.7 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#30

Chloroform

Concen: 54.453 ug/l

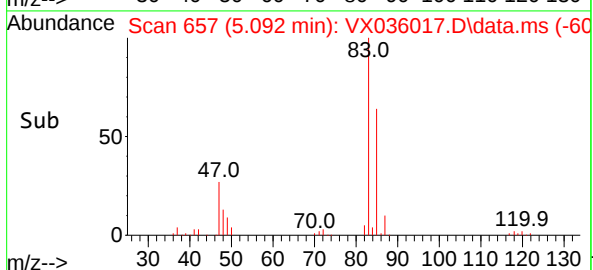
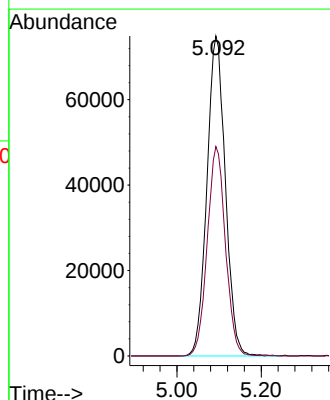
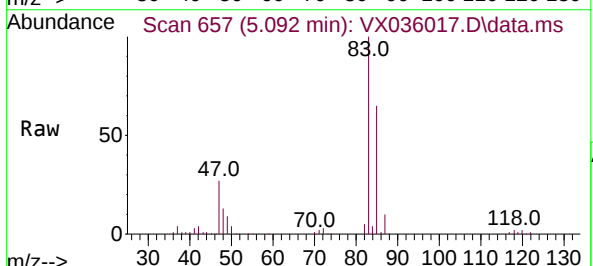
RT: 5.092 min Scan# 657

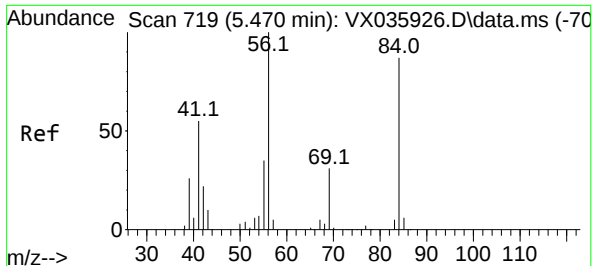
Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

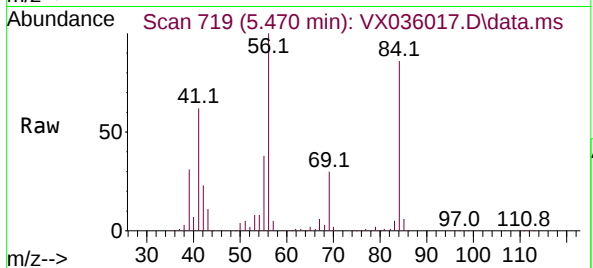
Tgt Ion: 83 Resp: 227557
 Ion Ratio Lower Upper
 83 100
 85 65.5 51.0 76.4





#31
Cyclohexane
Concen: 51.503 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

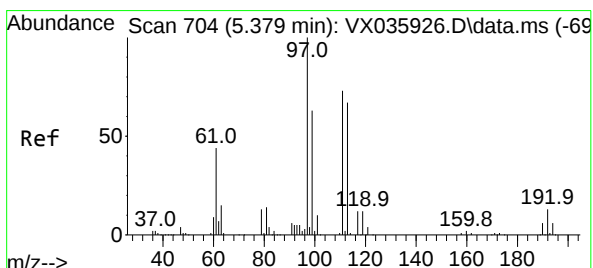
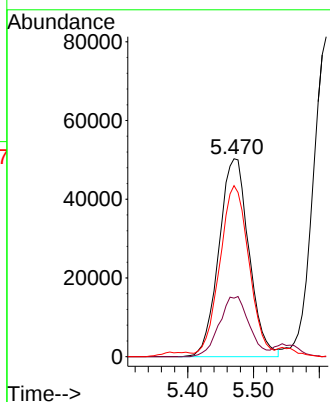
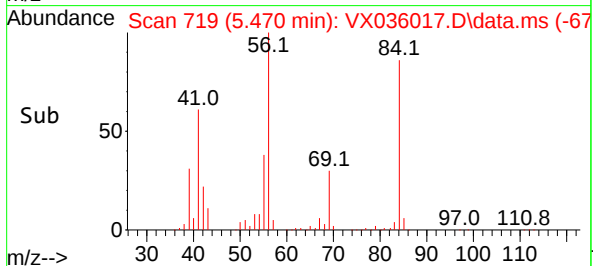
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 159685
Ion Ratio Lower Upper
56 100
69 29.6 25.9 38.9
84 84.3 67.6 101.4

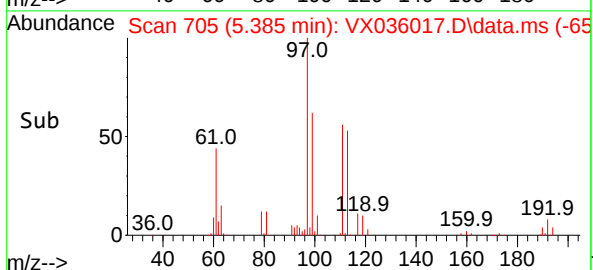
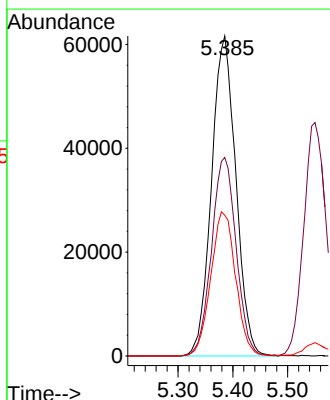
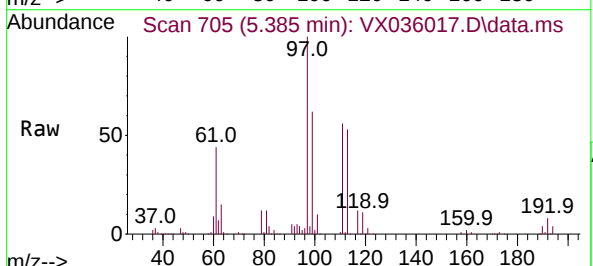
Manual Integrations
APPROVED

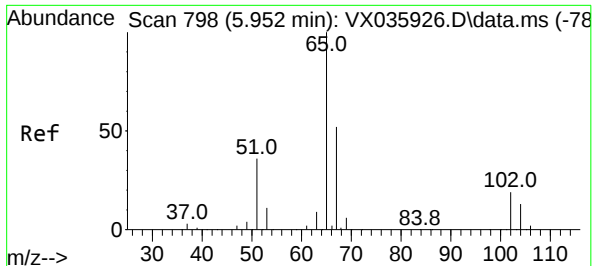
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#32
1,1,1-Trichloroethane
Concen: 53.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 97 Resp: 189952
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 46.1 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 45.638 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13514

Ion Ratio Lower Upper

65 100

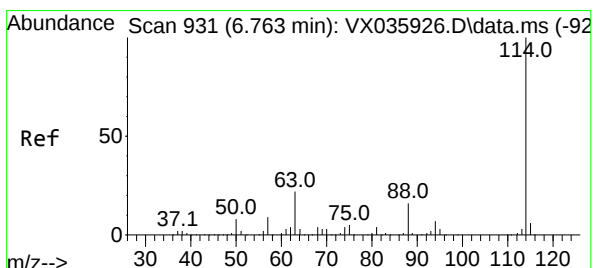
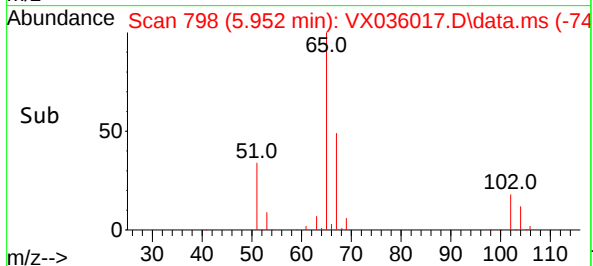
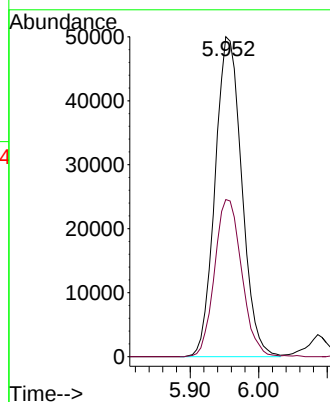
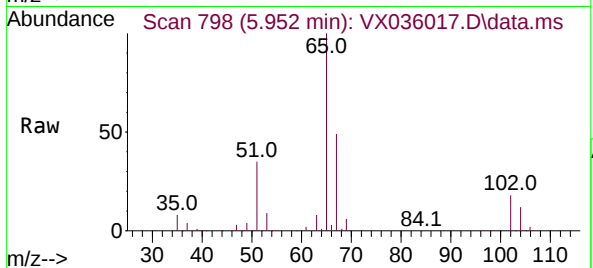
67 50.0 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

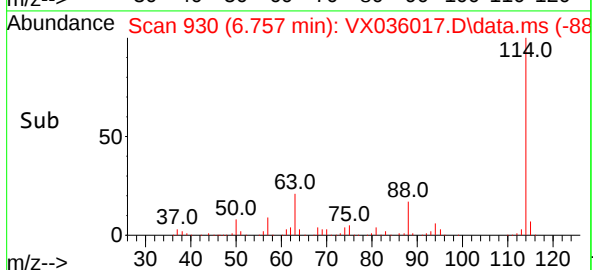
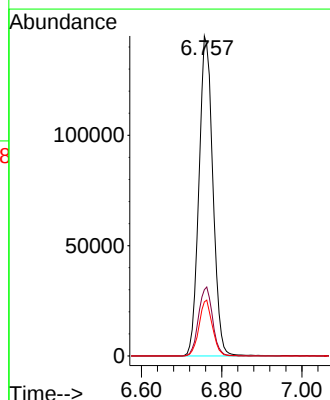
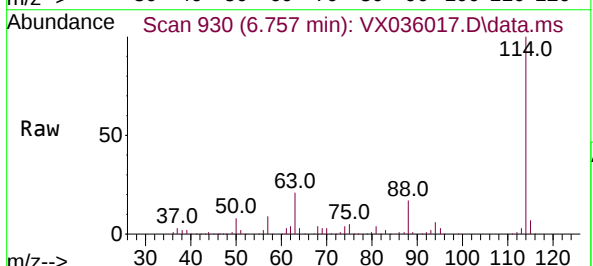
Tgt Ion:114 Resp: 349373

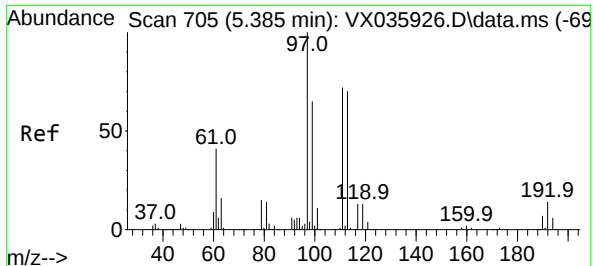
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.0

88 16.9 0.0 35.2





#35

Dibromofluoromethane

Concen: 39.608 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036017.D

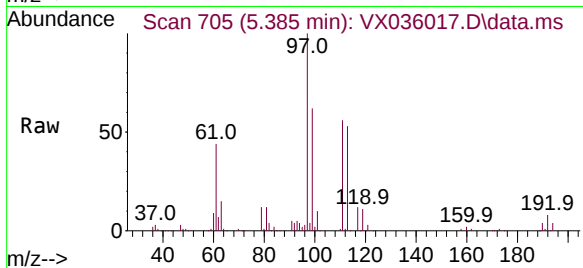
Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



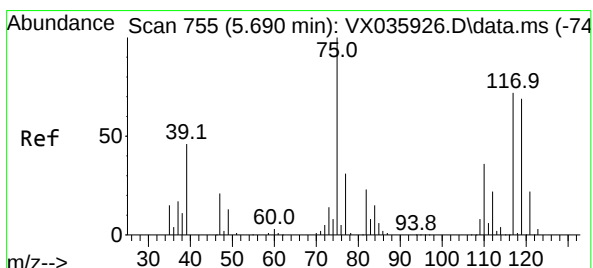
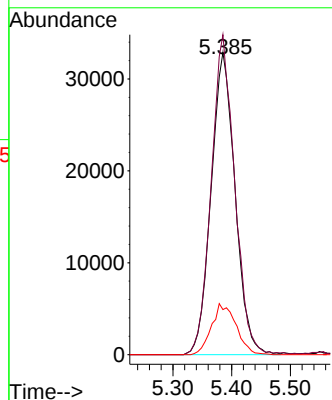
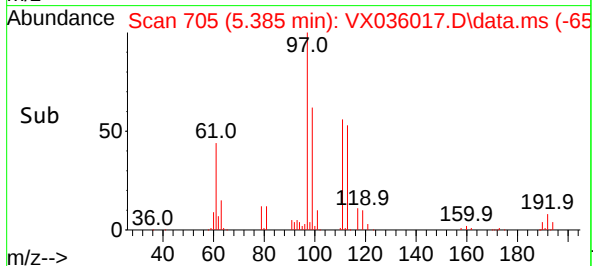
Tgt Ion:	113	Resp:	9307
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.7	122.5
192	17.3	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#36

1,1-Dichloropropene

Concen: 47.799 ug/l

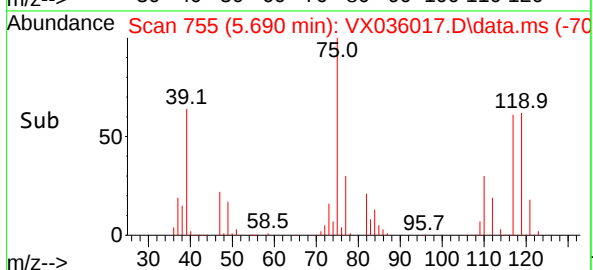
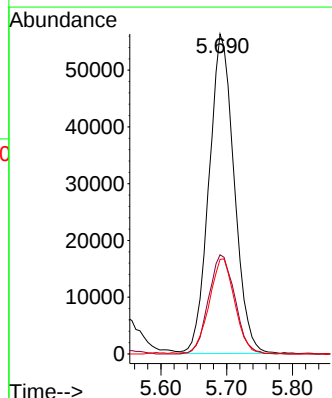
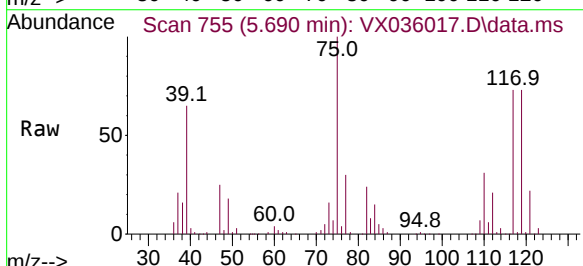
RT: 5.690 min Scan# 755

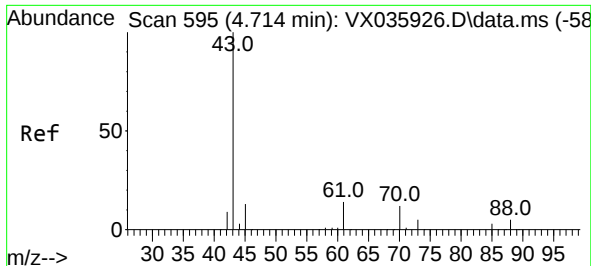
Delta R.T. -0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

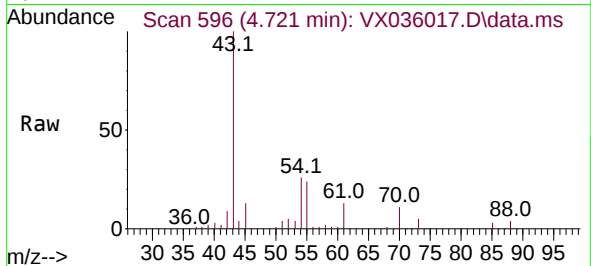
Tgt Ion:	75	Resp:	149763
Ion Ratio	Lower	Upper	
75	100		
110	32.4	16.6	49.7
77	30.4	24.4	36.6





#37
Ethyl Acetate
Concen: 55.234 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

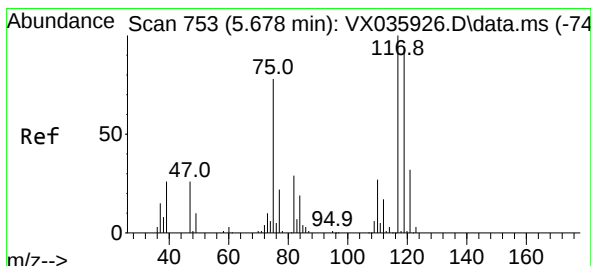
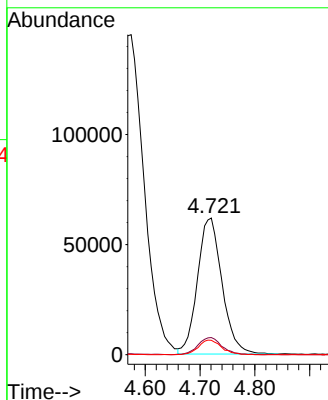
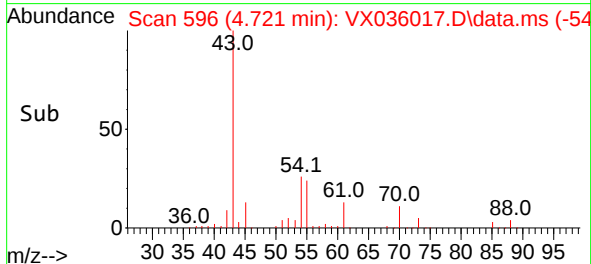
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 192729
Ion Ratio Lower Upper
43 100
61 12.3 10.3 15.5
70 10.1 8.3 12.5

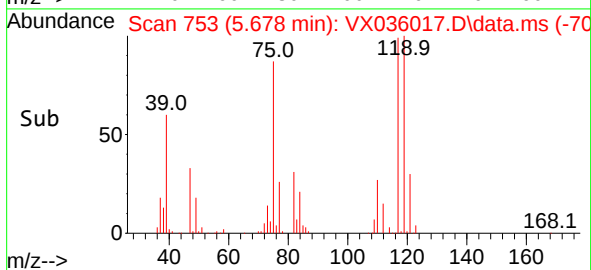
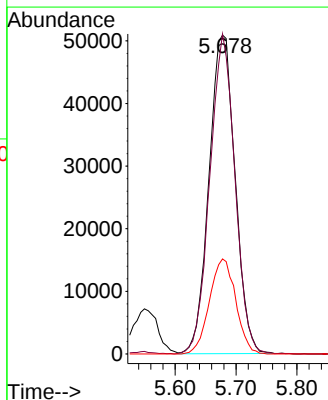
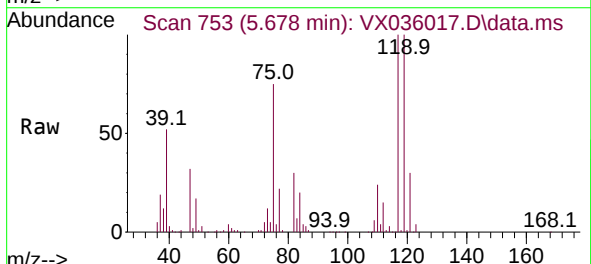
Manual Integrations
APPROVED

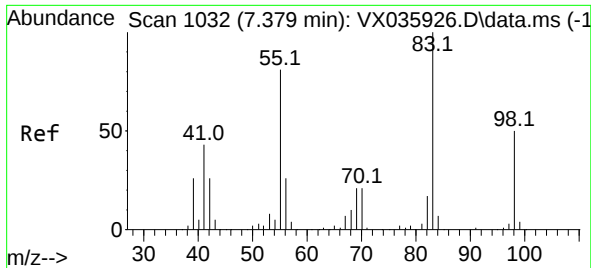
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#38
Carbon Tetrachloride
Concen: 49.659 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion:117 Resp: 151625
Ion Ratio Lower Upper
117 100
119 100.4 74.1 111.1
121 29.8 25.0 37.4





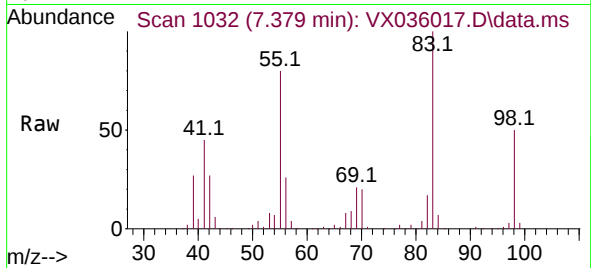
#39
Methylcyclohexane
Concen: 47.342 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



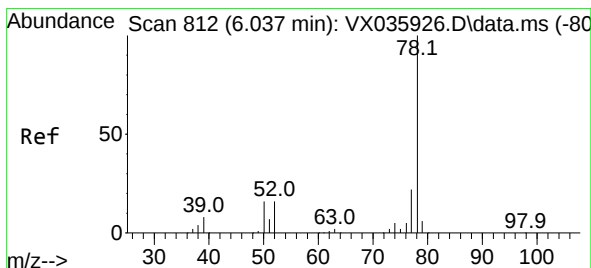
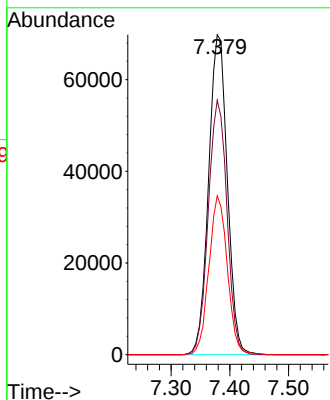
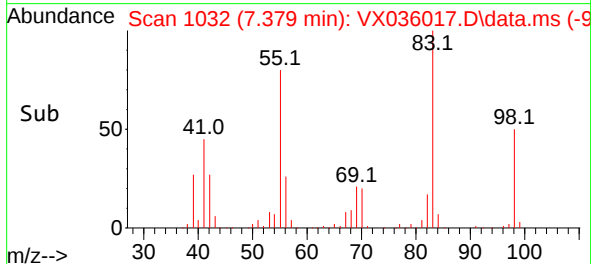
Tgt Ion: 83 Resp: 154762
Ion Ratio Lower Upper
83 100
55 79.5 64.9 97.3
98 49.7 38.1 57.1

Manual Integrations

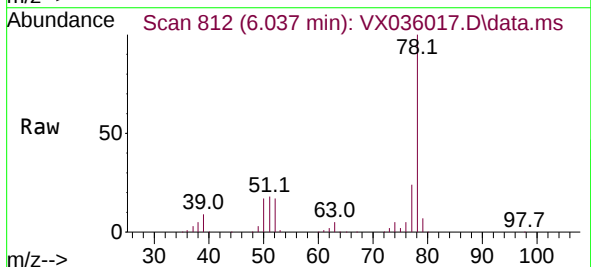
APPROVED

Reviewed By :John Carlone 06/06/2023

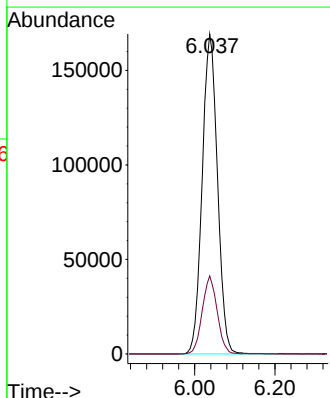
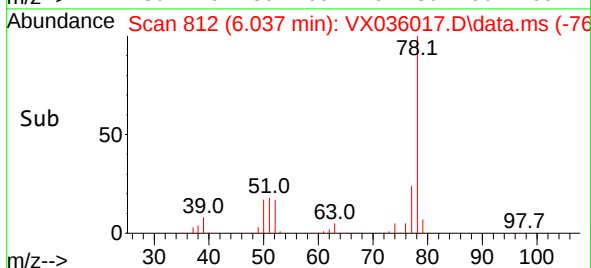
Supervised By :Mahesh Dadoda 06/06/2023

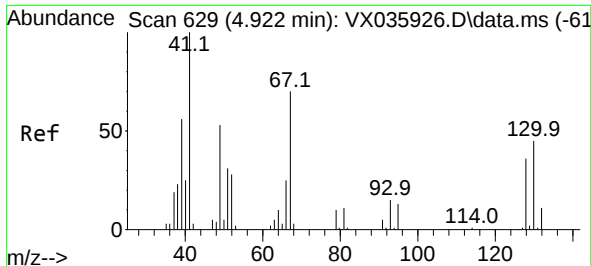


#40
Benzene
Concen: 47.613 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46



Tgt Ion: 78 Resp: 447728
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





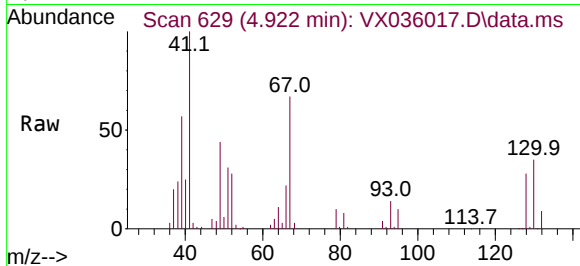
#41
Methacrylonitrile
Concen: 55.871 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



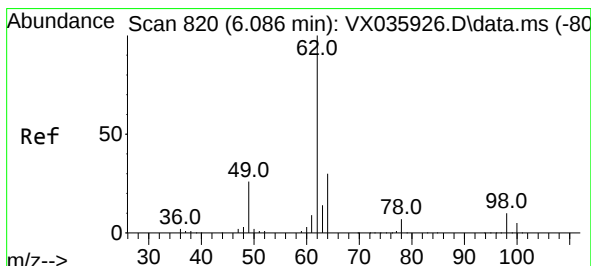
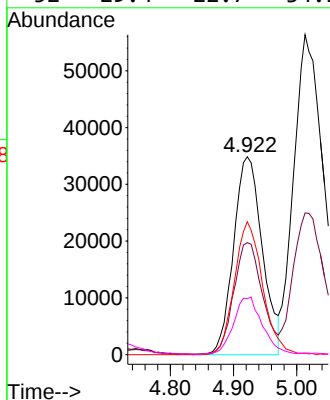
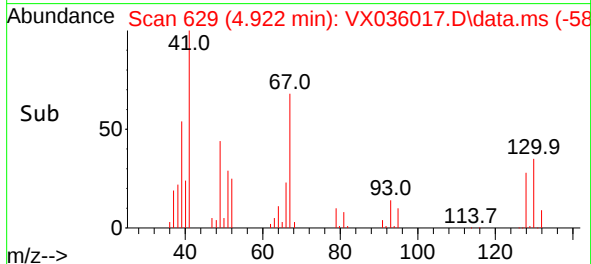
Tgt Ion: 41 Resp: 110594
Ion Ratio Lower Upper
41 100
39 56.6 45.6 68.4
67 65.7 51.8 77.6
52 29.4 22.7 34.1

Manual Integrations

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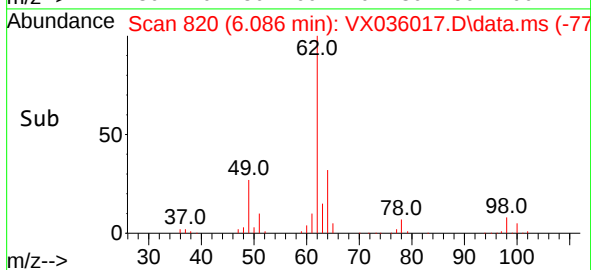
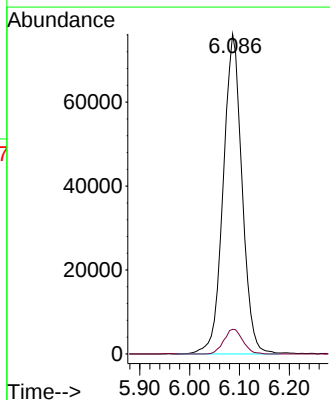
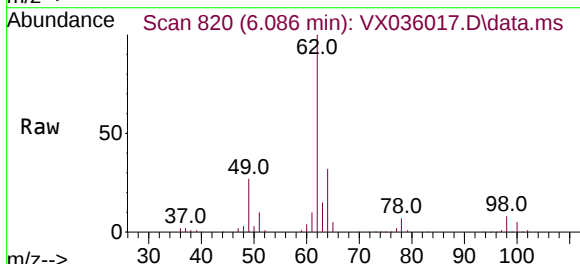
Reviewed By :John Carlone 06/06/2023

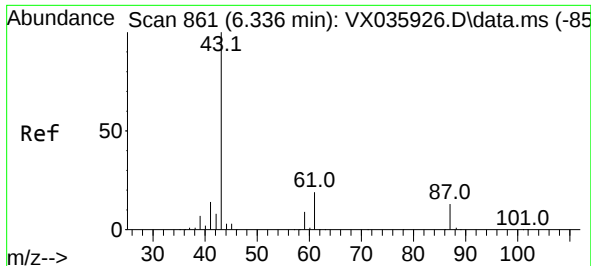
Supervised By :Mahesh Dadoda 06/06/2023



#42
1,2-Dichloroethane
Concen: 53.673 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 62 Resp: 199871
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





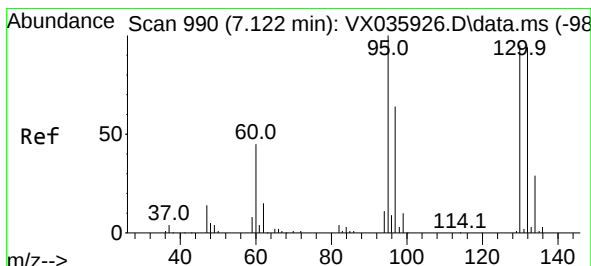
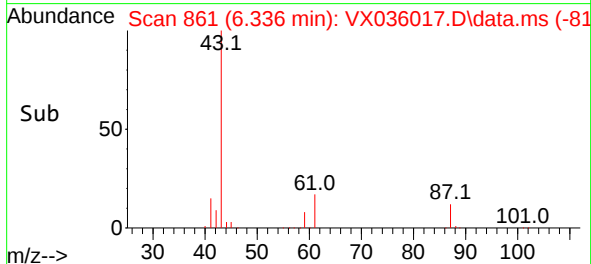
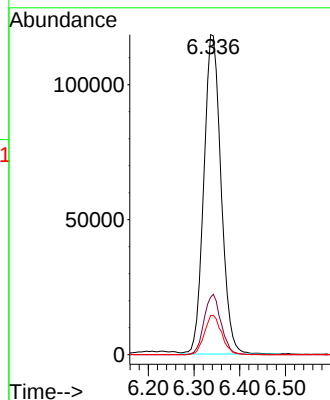
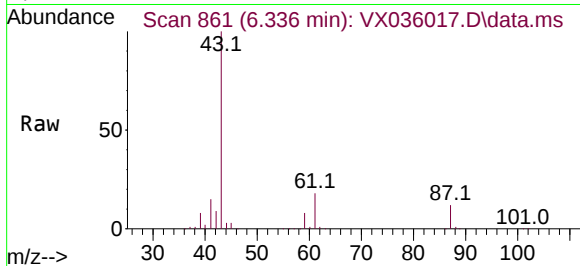
#43
Isopropyl Acetate
Concen: 53.912 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 309319
Ion Ratio Lower Upper
43 100
61 18.6 15.0 22.4
87 12.3 9.9 14.9

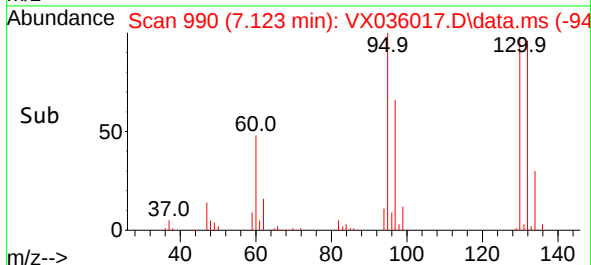
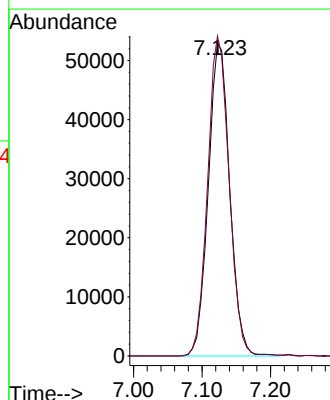
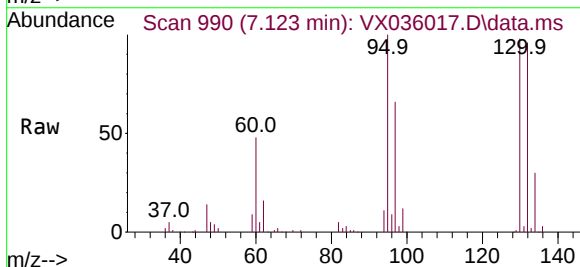
Manual Integrations
APPROVED

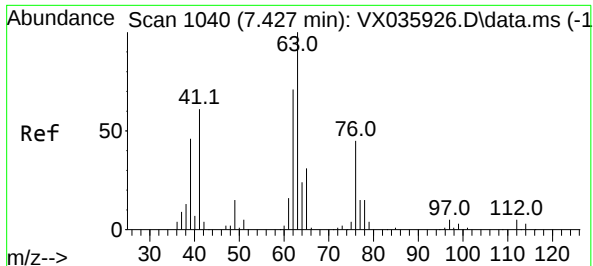
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#44
Trichloroethene
Concen: 47.176 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion:130 Resp: 115081
Ion Ratio Lower Upper
130 100
95 102.4 0.0 207.6





#45

1,2-Dichloropropane

Concen: 49.555 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 122650

Ion Ratio Lower Upper

63 100

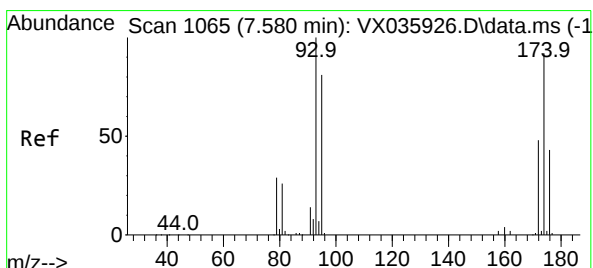
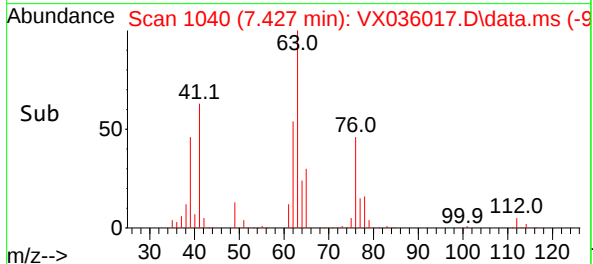
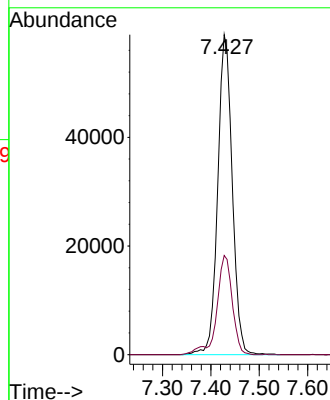
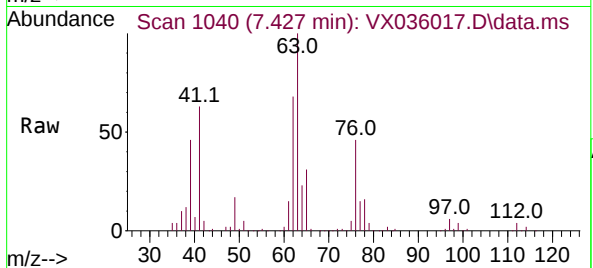
65 31.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#46

Dibromomethane

Concen: 50.014 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

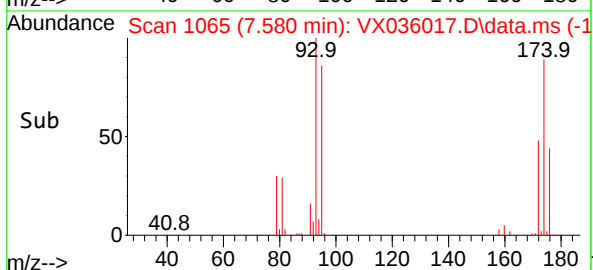
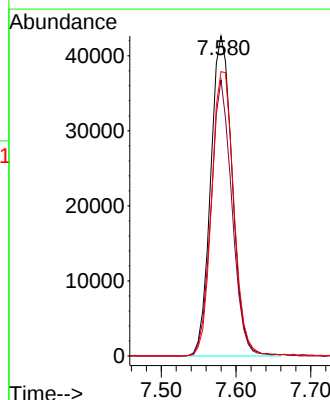
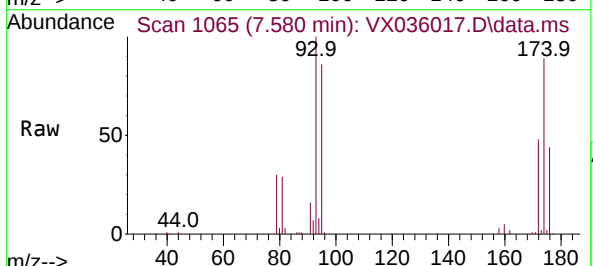
Tgt Ion: 93 Resp: 85987

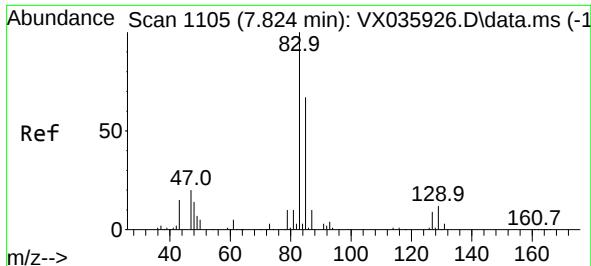
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.2

174 90.5 69.5 104.3





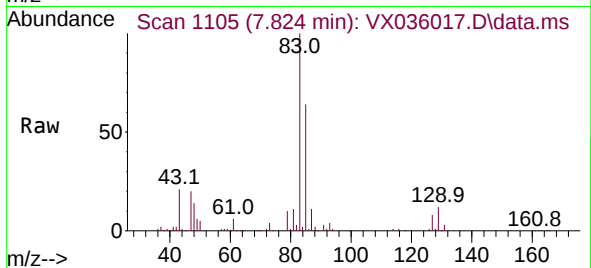
#47
Bromodichloromethane
Concen: 51.985 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



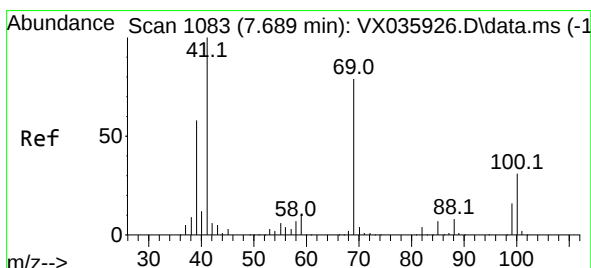
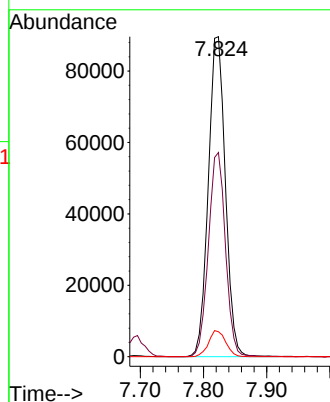
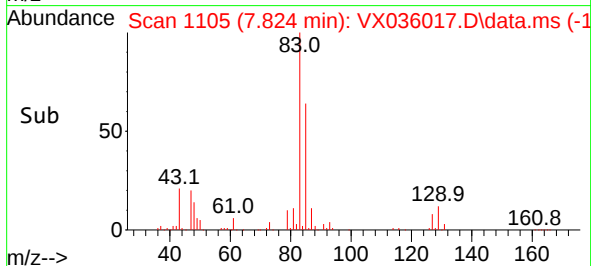
Tgt Ion: 83 Resp: 16812
Ion Ratio Lower Upper
83 100
85 63.8 51.3 76.9
127 7.8 6.6 10.0

Manual Integrations

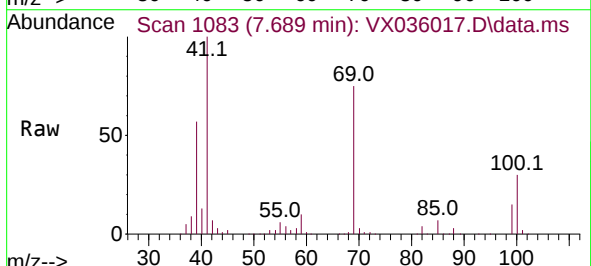
APPROVED

Reviewed By :John Carlone 06/06/2023

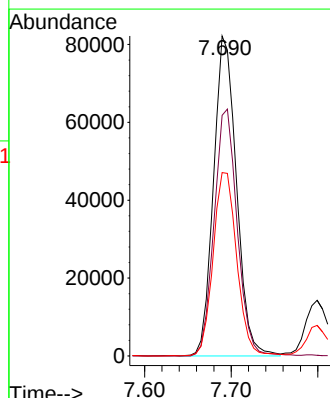
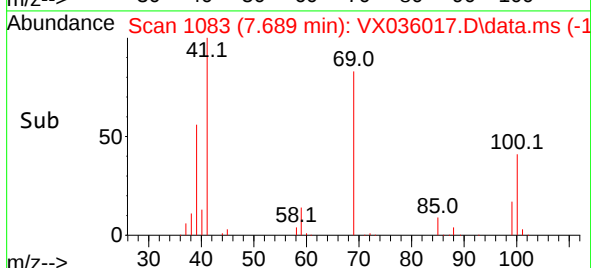
Supervised By :Mahesh Dadoda 06/06/2023

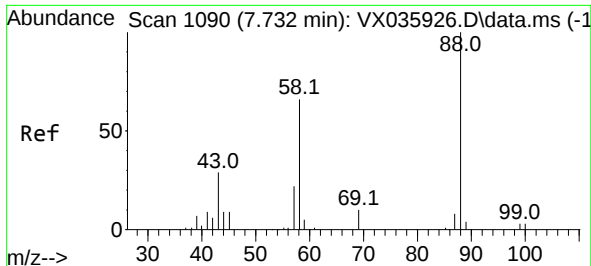


#48
Methyl methacrylate
Concen: 53.723 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46



Tgt Ion: 41 Resp: 151158
Ion Ratio Lower Upper
41 100
69 77.6 59.0 88.6
39 59.2 48.4 72.6





#49

1,4-Dioxane

Concen: 978.136 ug/l

RT: 7.757 min Scan# 1094

Delta R.T. 0.043 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

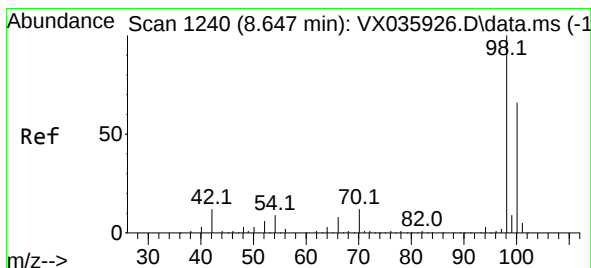
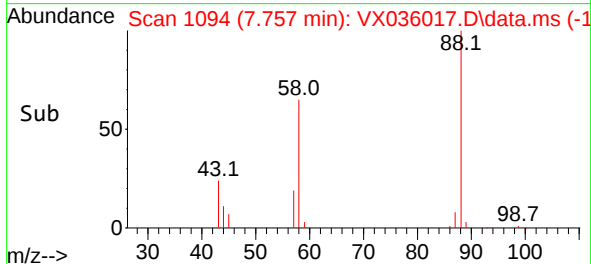
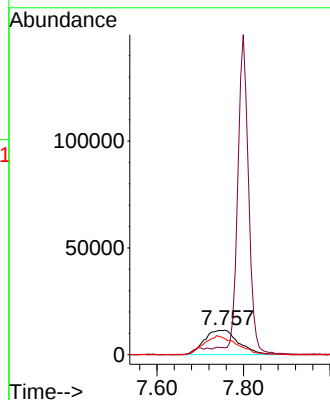
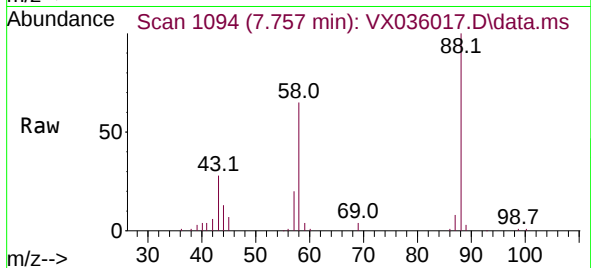
Tgt Ion: 88 Resp: 6303
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.4 41.0
 58 74.4 58.9 88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#50

Toluene-d8

Concen: 40.420 ug/l

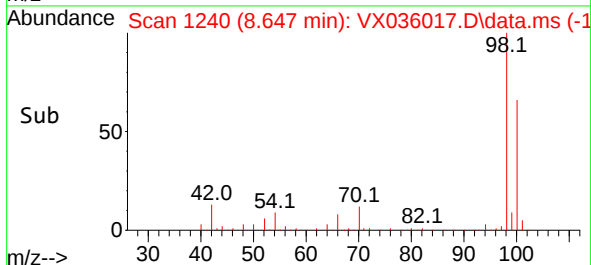
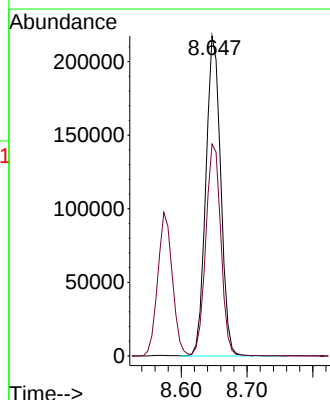
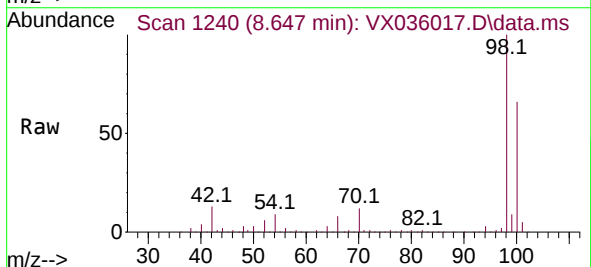
RT: 8.647 min Scan# 1240

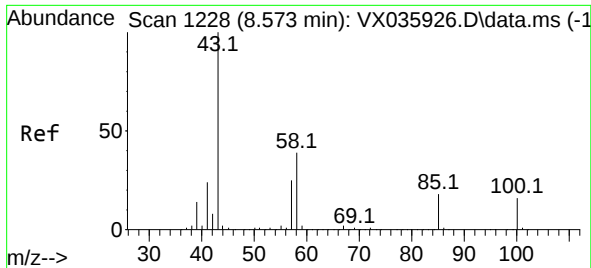
Delta R.T. 0.001 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Tgt Ion: 98 Resp: 340881
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 275.583 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

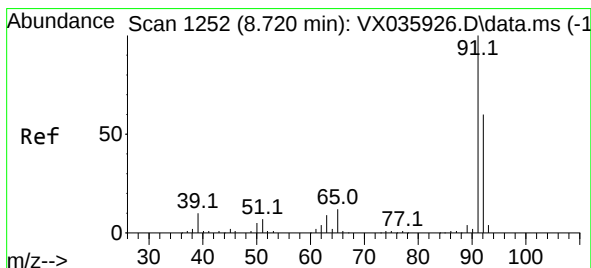
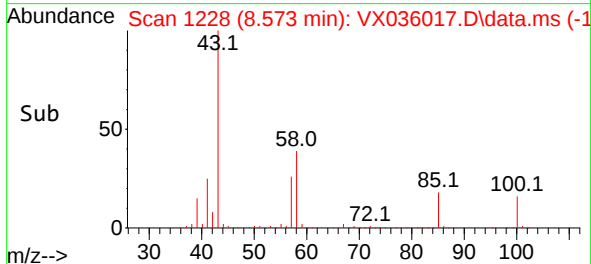
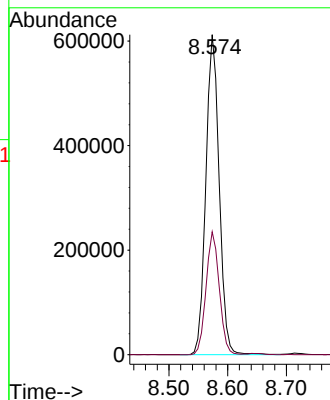
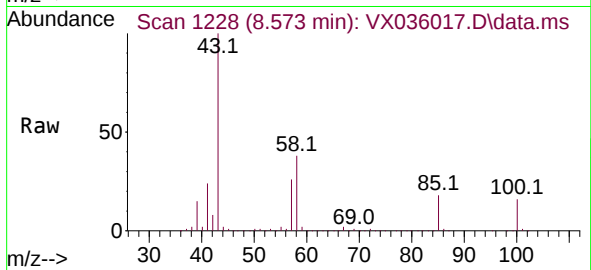
VSTDCCC050EC

Tgt Ion: 43 Resp: 96514
Ion Ratio Lower Upper
43 100
58 38.2 30.1 45.1

Manual Integrations

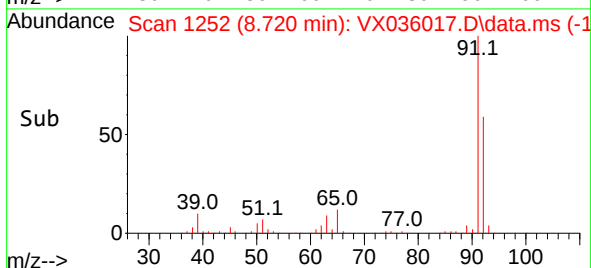
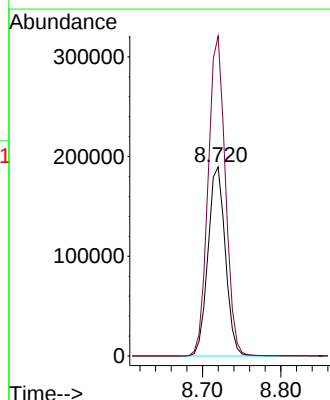
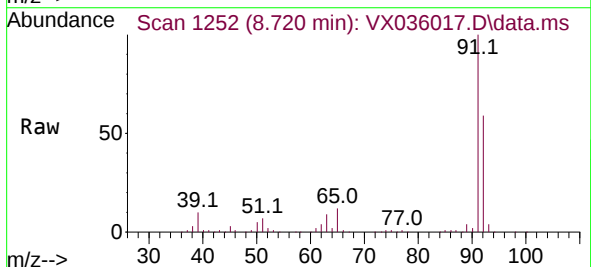
APPROVED

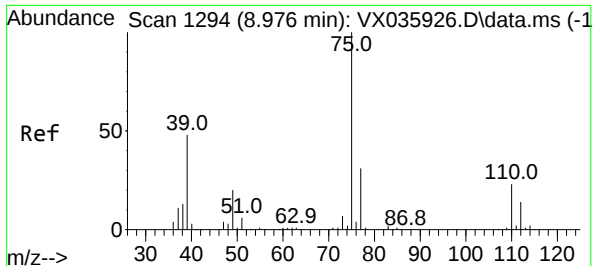
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#52
Toluene
Concen: 49.307 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 92 Resp: 291500
Ion Ratio Lower Upper
92 100
91 168.5 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 51.010 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 174390

Ion Ratio Lower Upper

75 100

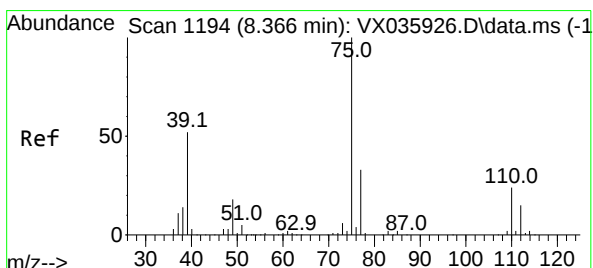
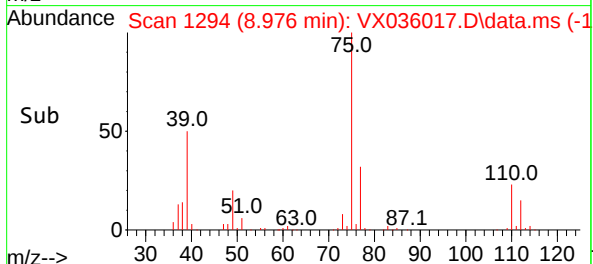
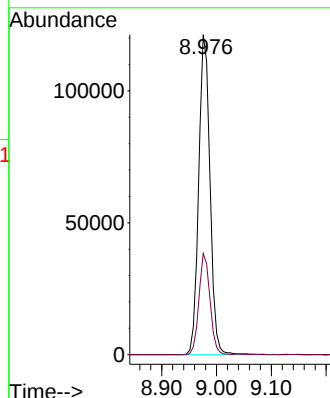
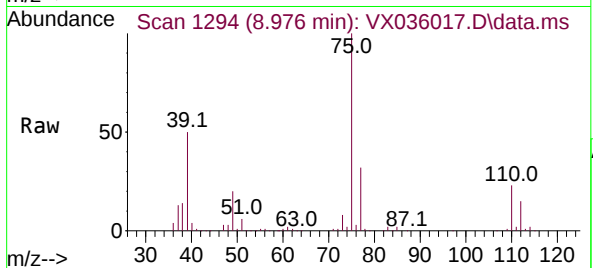
77 31.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#54

cis-1,3-Dichloropropene

Concen: 49.984 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

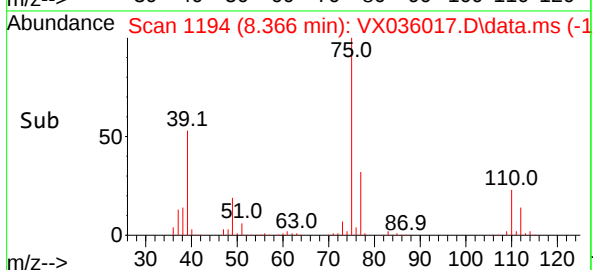
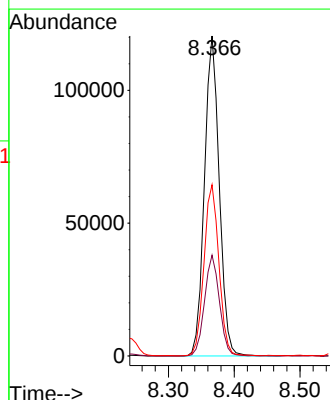
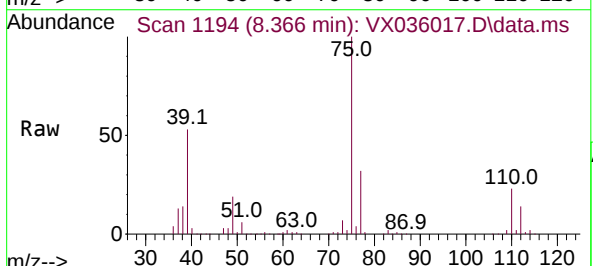
Tgt Ion: 75 Resp: 188702

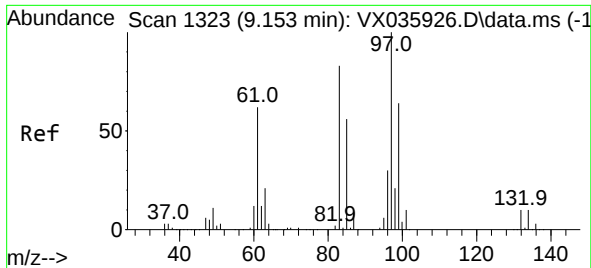
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

39 53.4 47.0 70.6





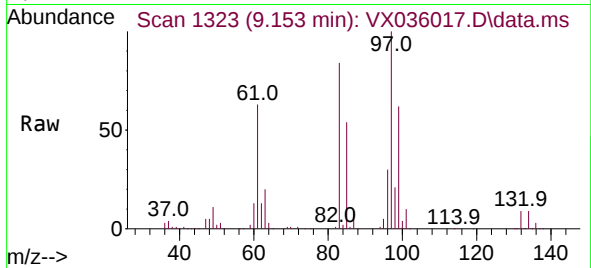
#55
1,1,2-Trichloroethane
Concen: 51.134 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



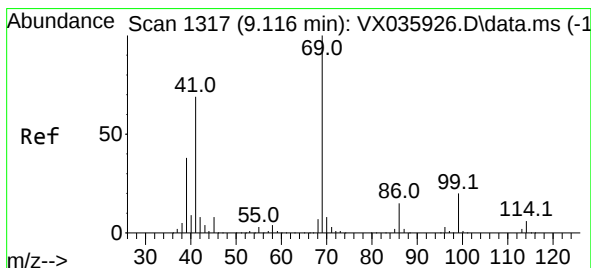
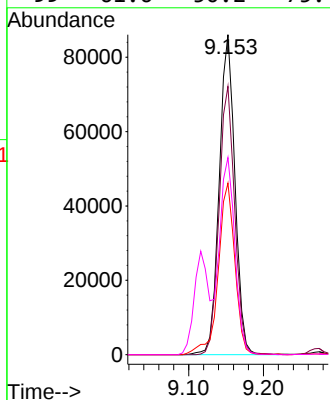
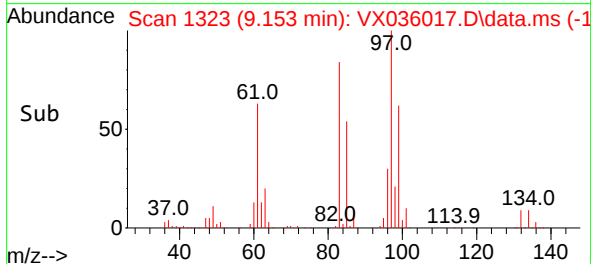
Tgt Ion: 97 Resp: 125948
Ion Ratio Lower Upper
97 100
83 83.9 68.3 102.5
85 53.6 44.2 66.2
99 61.6 50.2 75.4

Manual Integrations

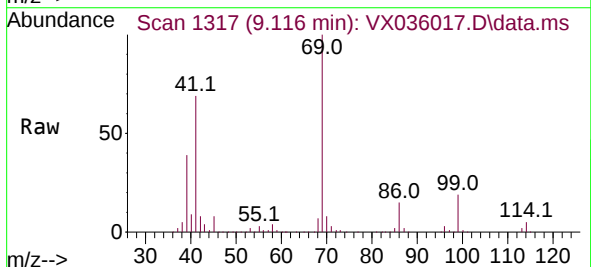
APPROVED

Reviewed By :John Carlone 06/06/2023

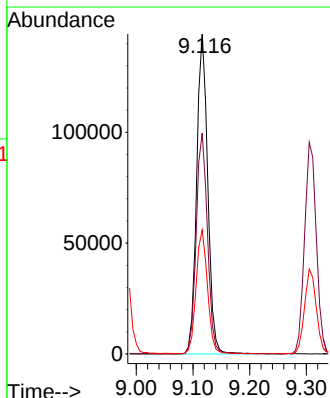
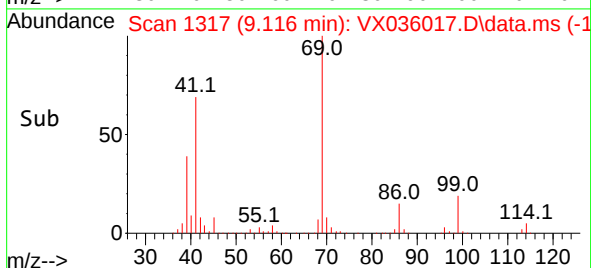
Supervised By :Mahesh Dadoda 06/06/2023

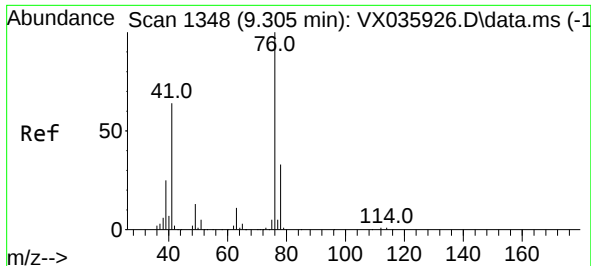


#56
Ethyl methacrylate
Concen: 53.295 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46



Tgt Ion: 69 Resp: 196259
Ion Ratio Lower Upper
69 100
41 70.1 58.9 88.3
39 39.4 33.4 50.0





#57

1,3-Dichloropropane

Concen: 50.394 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 213610

Ion Ratio Lower Upper

76 100

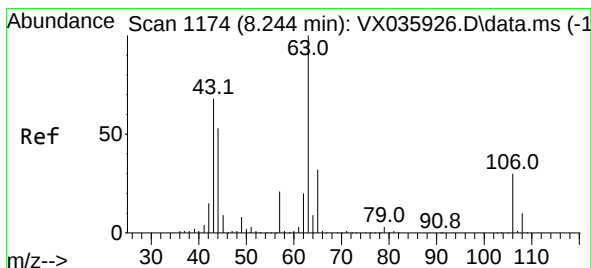
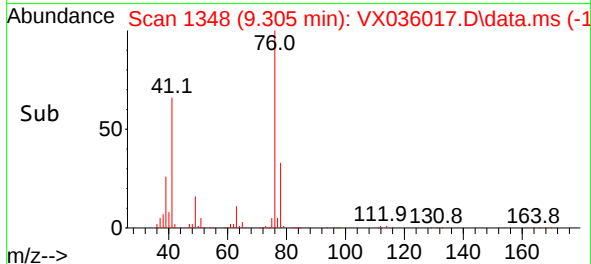
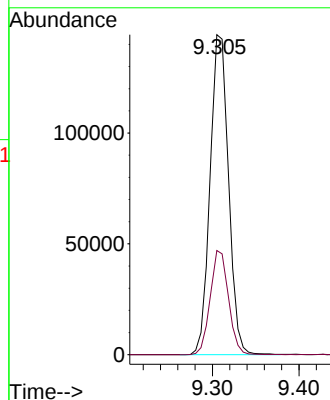
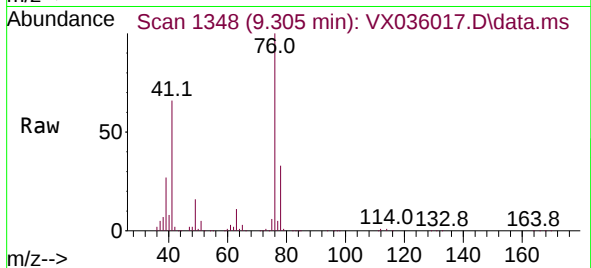
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 252.124 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036017.D

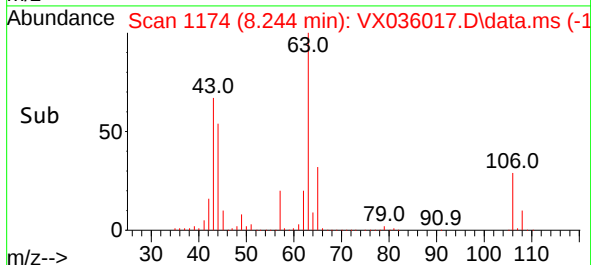
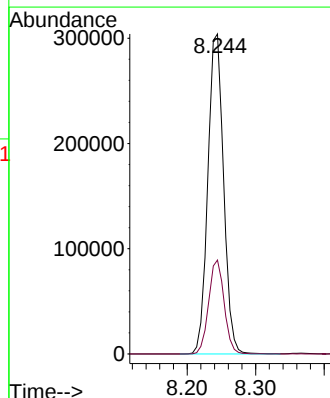
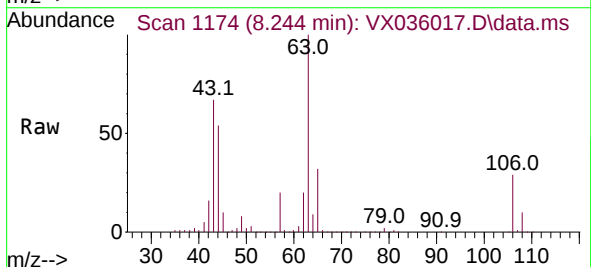
Acq: 05 Jun 2023 20:46

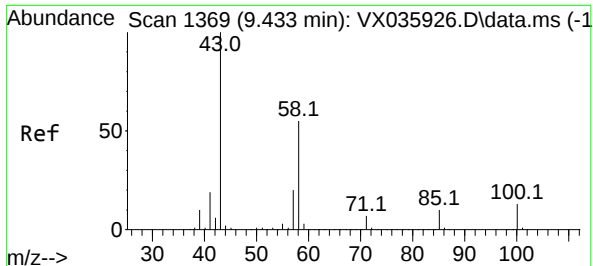
Tgt Ion: 63 Resp: 486486

Ion Ratio Lower Upper

63 100

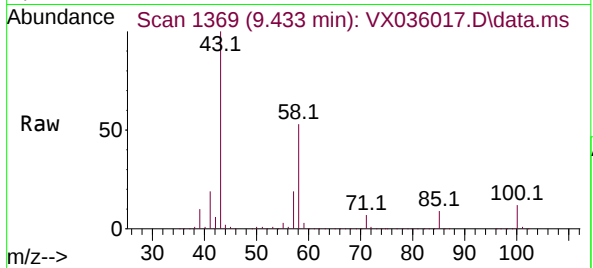
106 28.8 22.3 33.5





#59
2-Hexanone
Concen: 276.996 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

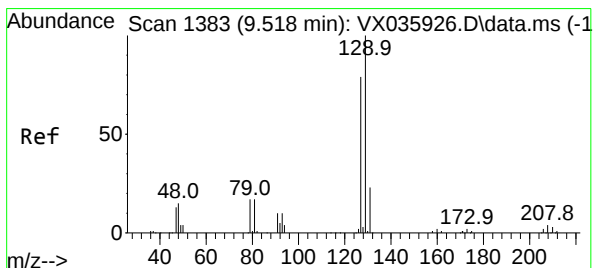
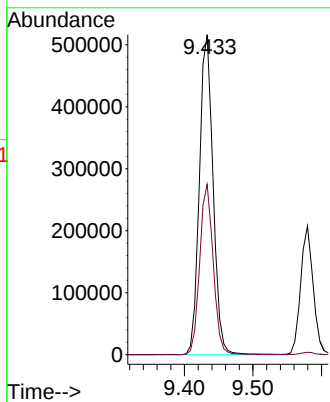
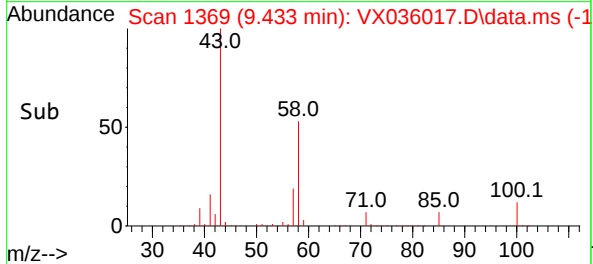
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 717199
Ion Ratio Lower Upper
43 100
58 52.8 26.3 78.8

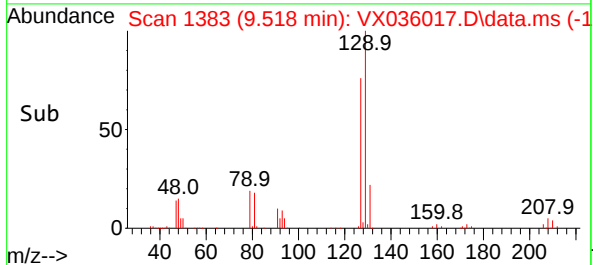
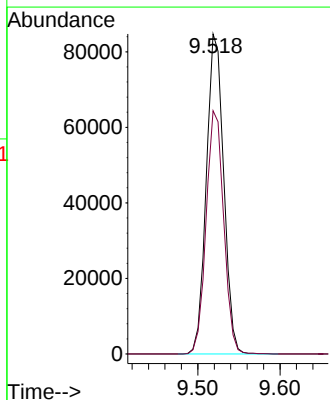
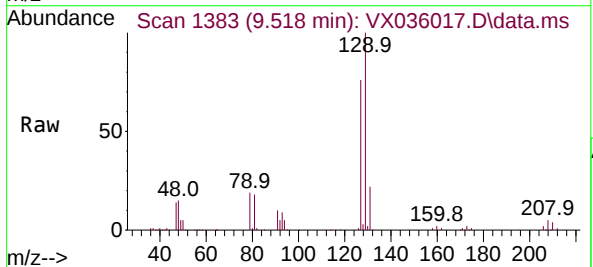
Manual Integrations
APPROVED

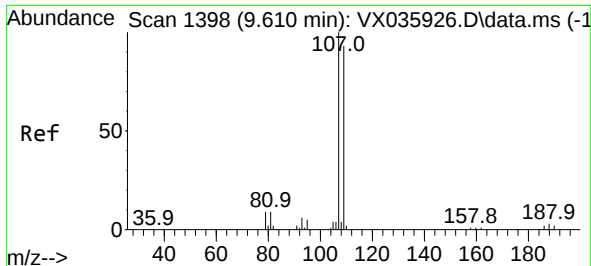
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#60
Dibromochloromethane
Concen: 51.888 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

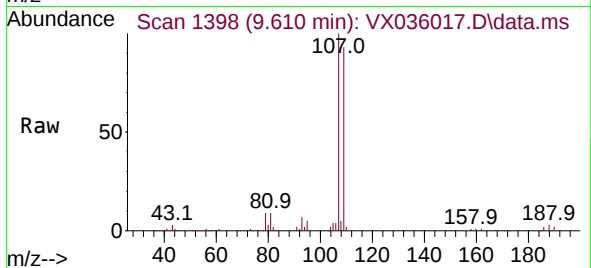
Tgt Ion:129 Resp: 124069
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61
1,2-Dibromoethane
Concen: 51.772 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

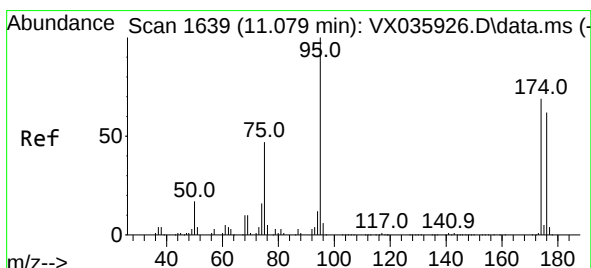
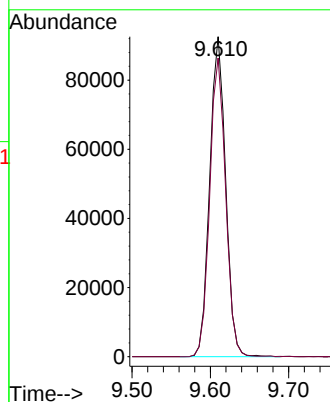
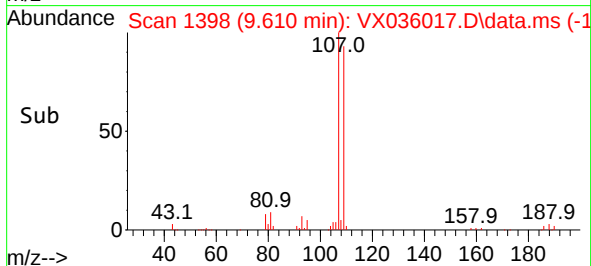
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



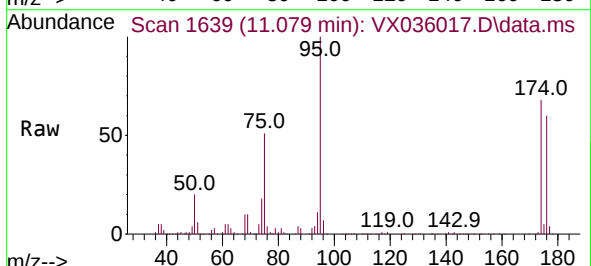
Tgt Ion:107 Resp: 130360
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2

Manual Integrations
APPROVED

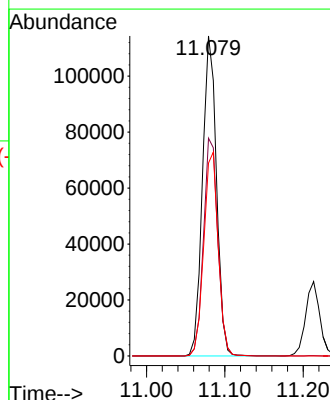
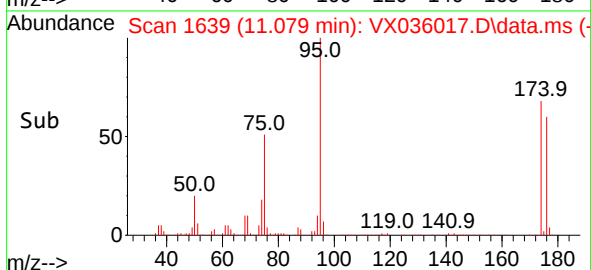
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

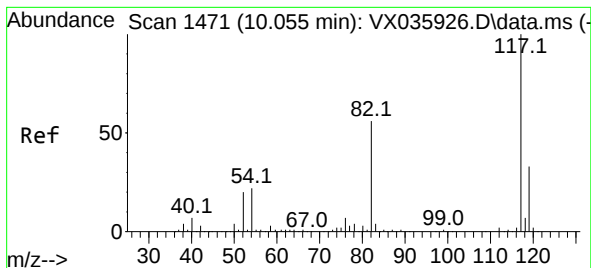


#62
4-Bromofluorobenzene
Concen: 42.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46



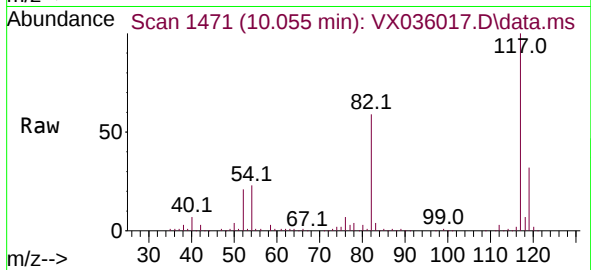
Tgt Ion: 95 Resp: 141858
Ion Ratio Lower Upper
95 100
174 69.3 0.0 132.6
176 65.6 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

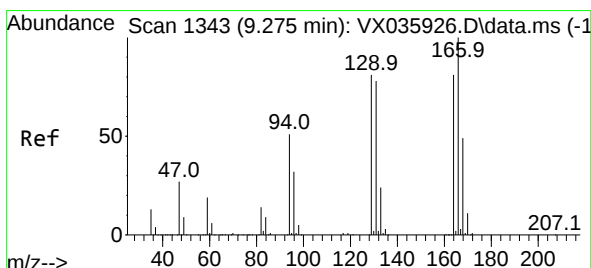
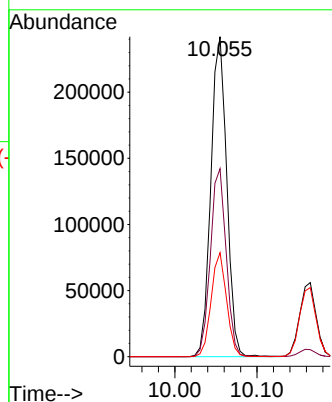
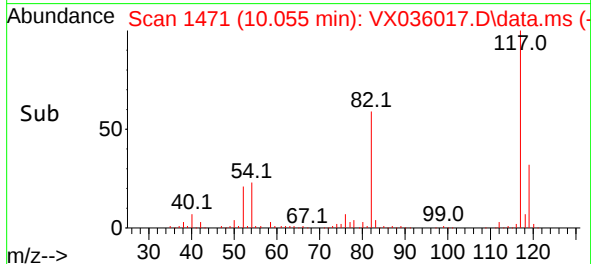
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 324284
Ion Ratio Lower Upper
117 100
82 58.7 46.6 69.8
119 32.5 25.4 38.2

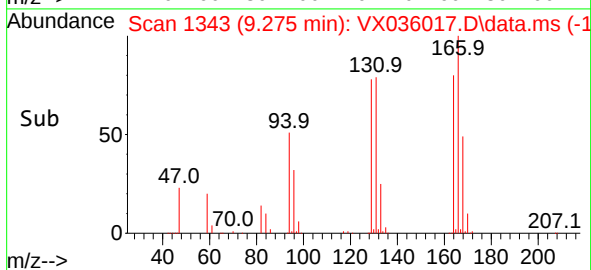
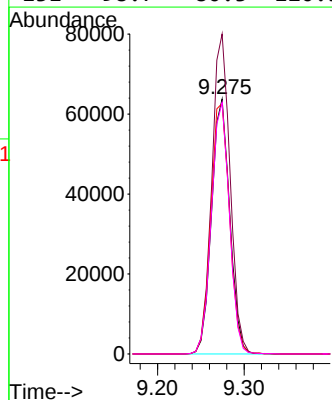
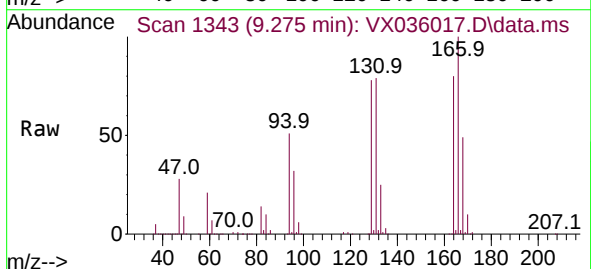
Manual Integrations
APPROVED

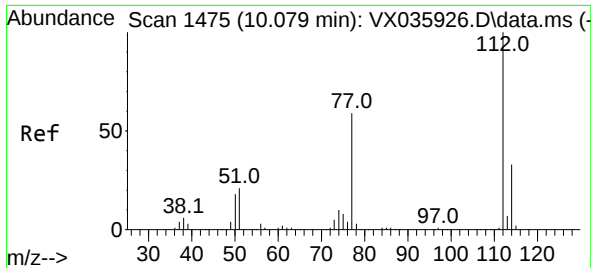
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#64
Tetrachloroethene
Concen: 45.606 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion:164 Resp: 92938
Ion Ratio Lower Upper
164 100
166 125.5 104.4 156.6
129 98.3 82.0 123.0
131 98.7 80.3 120.5





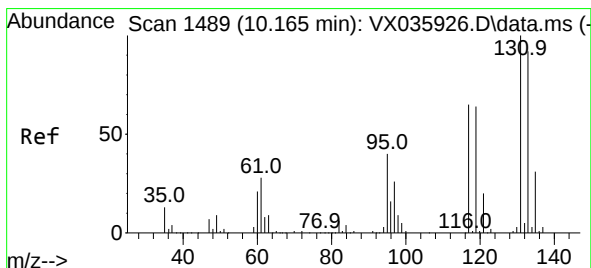
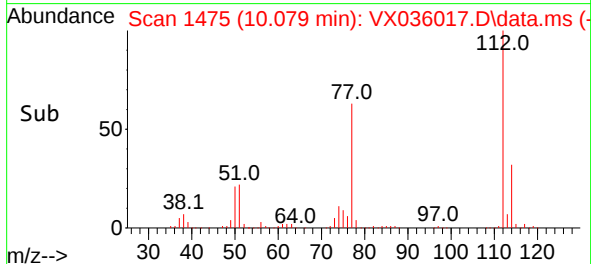
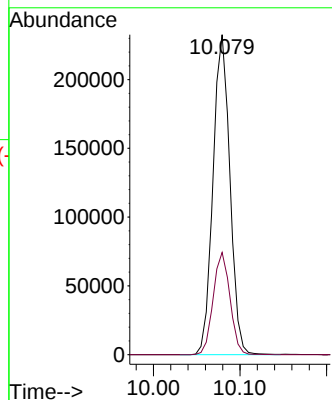
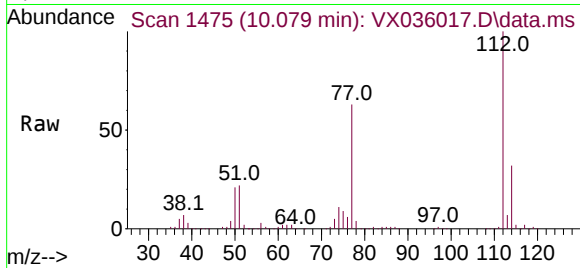
#65
Chlorobenzene
Concen: 48.242 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 31566
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

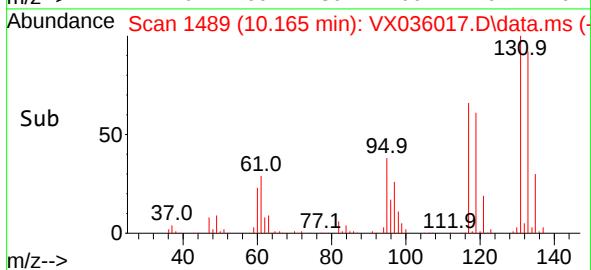
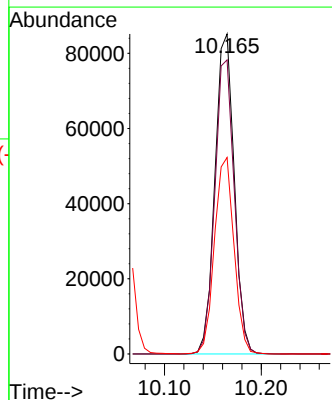
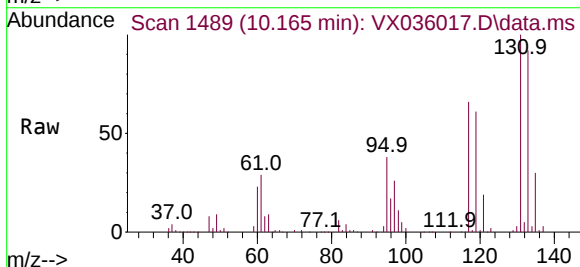
Manual Integrations
APPROVED

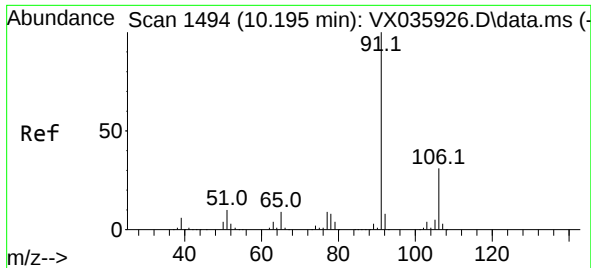
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.151 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion:131 Resp: 117717
Ion Ratio Lower Upper
131 100
133 93.0 48.1 144.3
119 62.5 32.1 96.5





#67

Ethyl Benzene

Concen: 48.495 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 56474

Ion Ratio Lower Upper

91 100

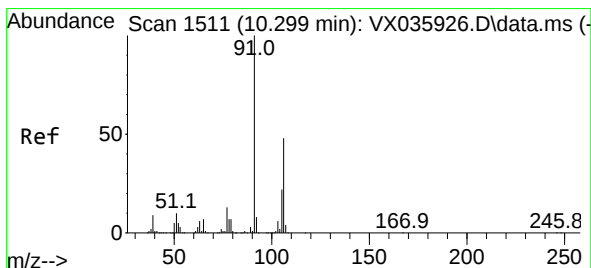
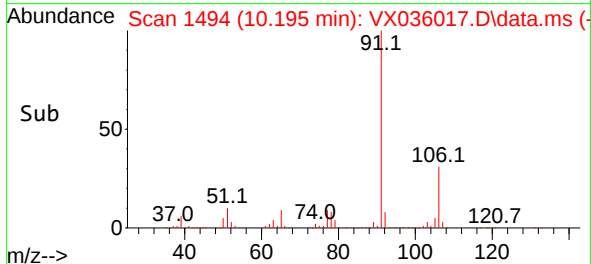
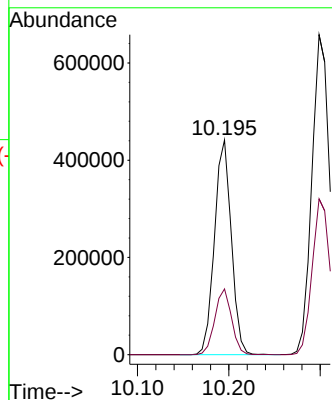
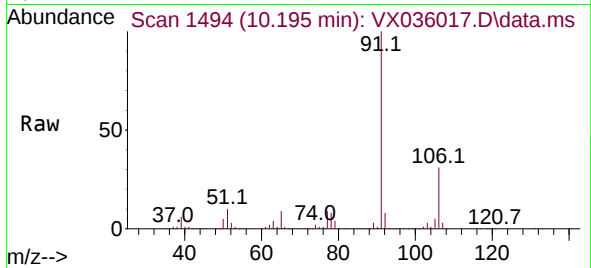
106 30.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#68

m/p-Xylenes

Concen: 98.209 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036017.D

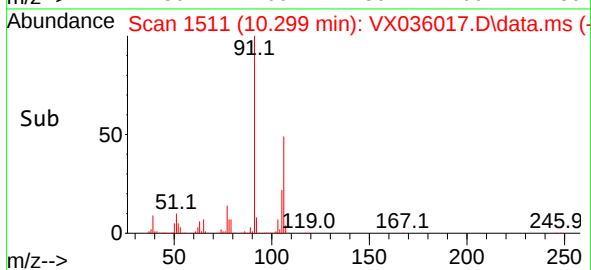
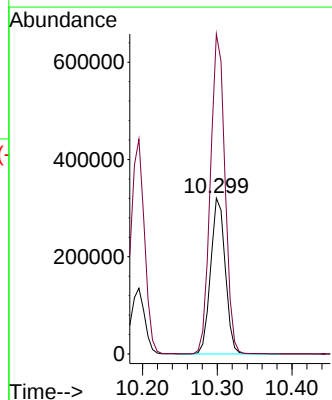
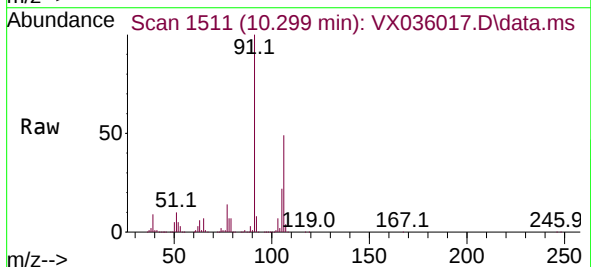
Acq: 05 Jun 2023 20:46

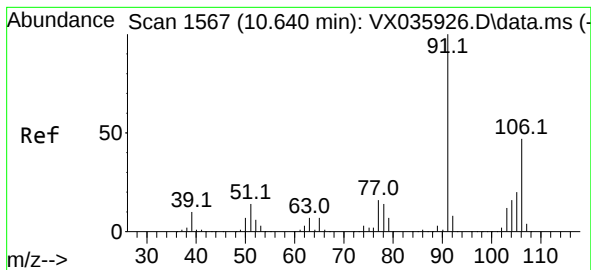
Tgt Ion:106 Resp: 433889

Ion Ratio Lower Upper

106 100

91 205.4 169.8 254.8





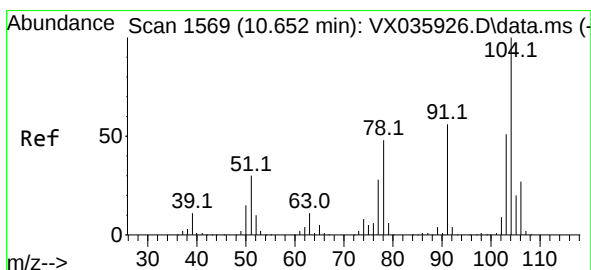
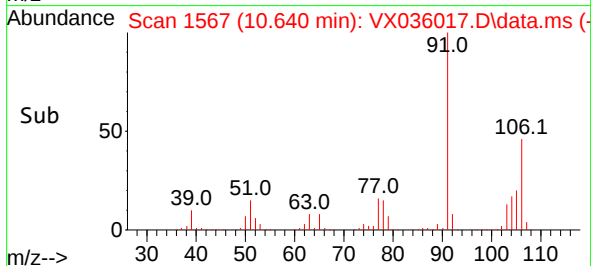
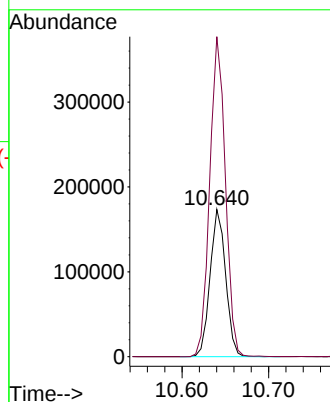
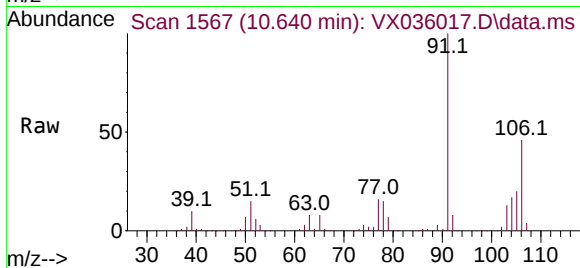
#69
o-Xylene
Concen: 48.758 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 21646
Ion Ratio Lower Upper
106 100
91 218.4 112.5 337.4

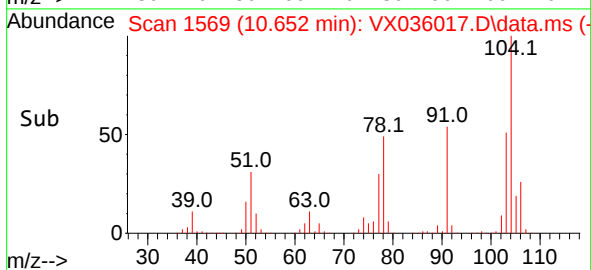
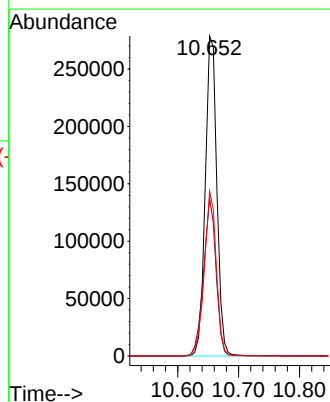
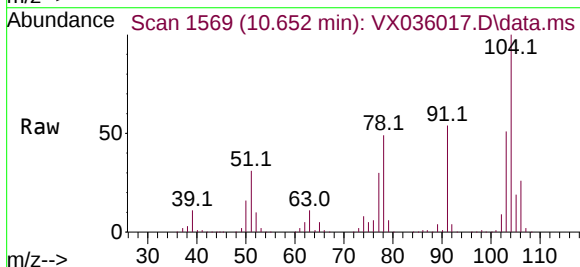
Manual Integrations
APPROVED

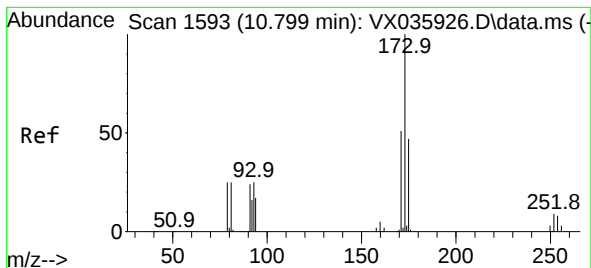
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#70
Styrene
Concen: 51.517 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion:104 Resp: 369556
Ion Ratio Lower Upper
104 100
78 52.9 44.7 67.1
103 53.8 44.0 66.0





#71

Bromoform

Concen: 52.118 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 8306

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

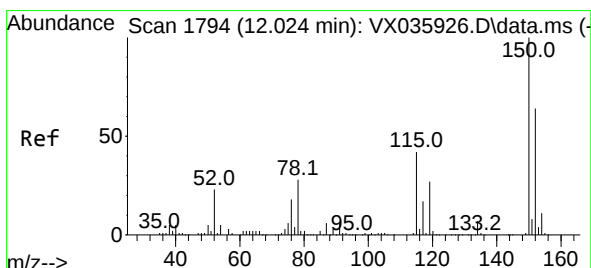
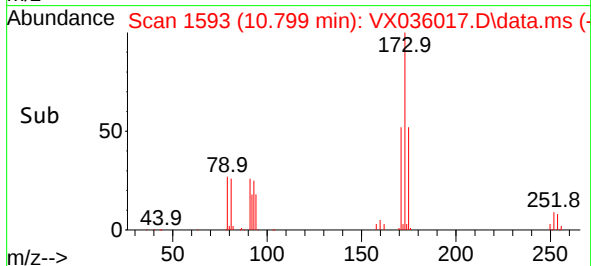
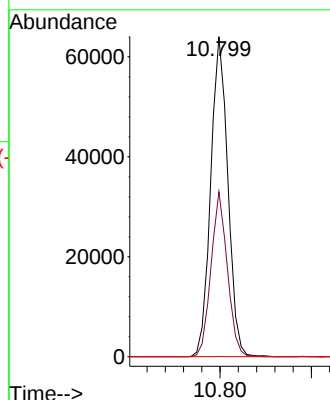
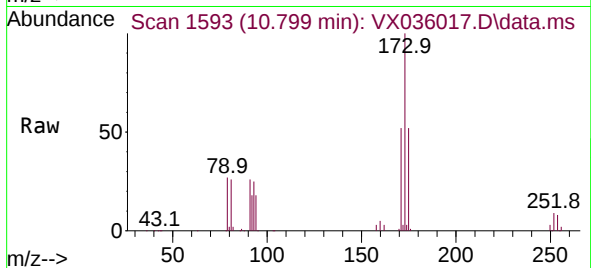
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

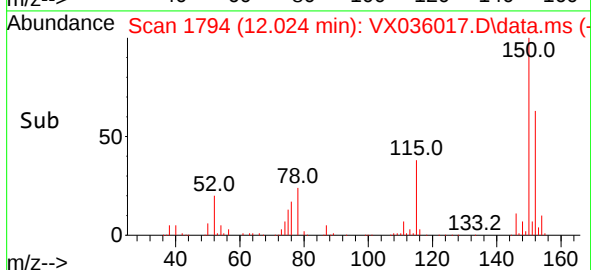
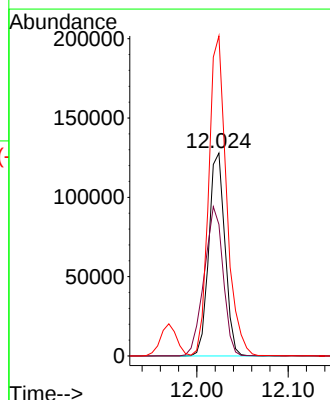
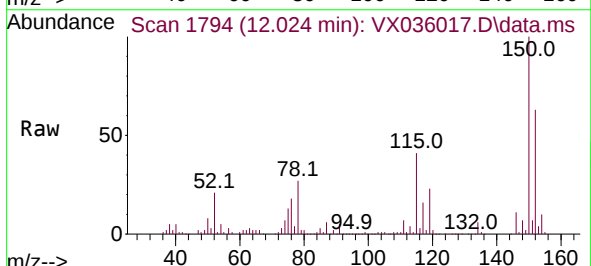
Tgt Ion:152 Resp: 156257

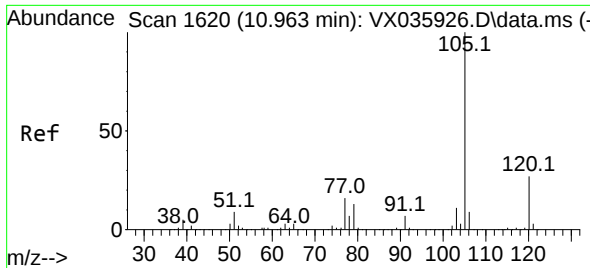
Ion Ratio Lower Upper

152 100

115 86.9 45.5 136.5

150 174.5 0.0 345.2





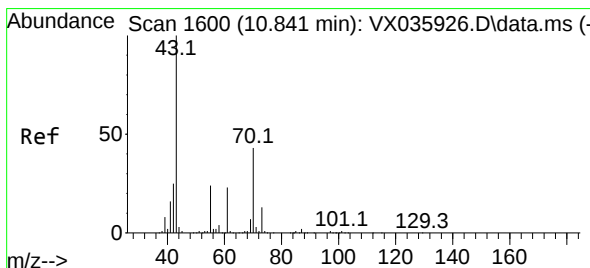
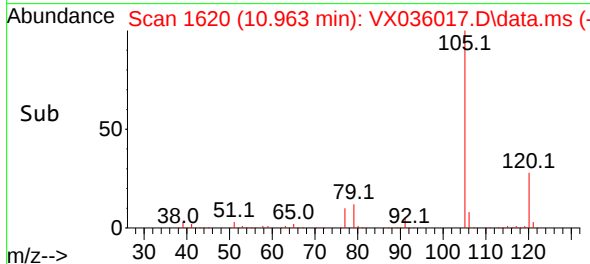
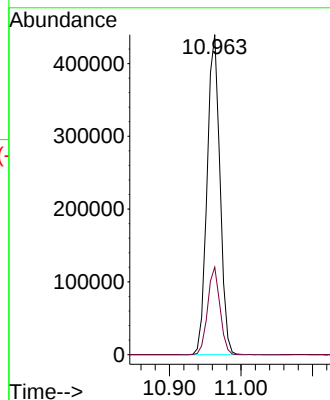
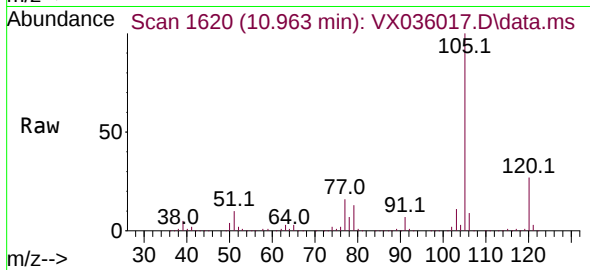
#73
Isopropylbenzene
Concen: 48.190 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 547197
Ion Ratio Lower Upper
105 100
120 26.3 12.7 38.0

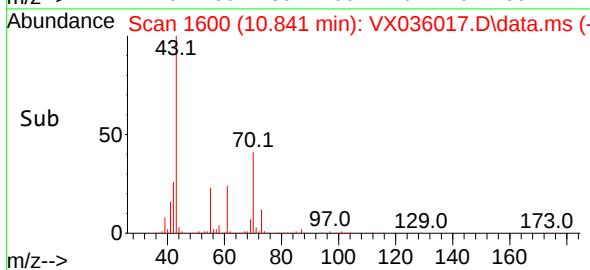
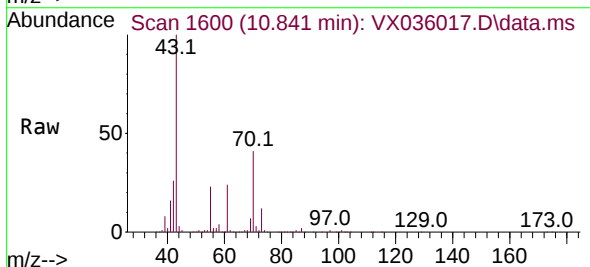
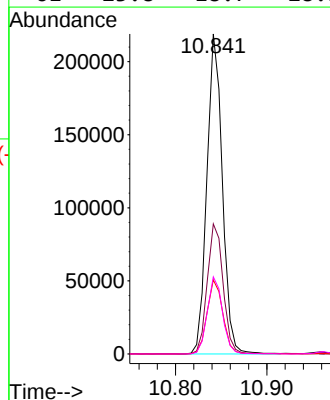
Manual Integrations
APPROVED

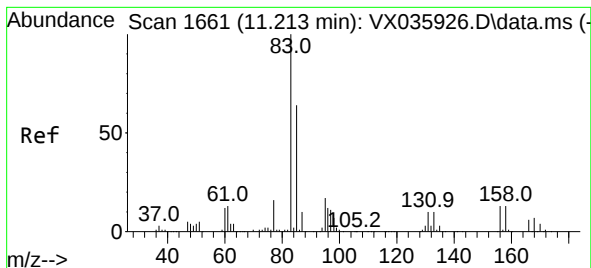
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#74
N-ethyl acetate
Concen: 51.740 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 43 Resp: 256075
Ion Ratio Lower Upper
43 100
70 41.8 32.6 48.8
55 23.9 19.0 28.4
61 23.8 18.7 28.1





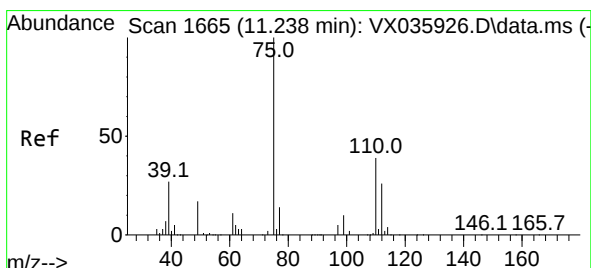
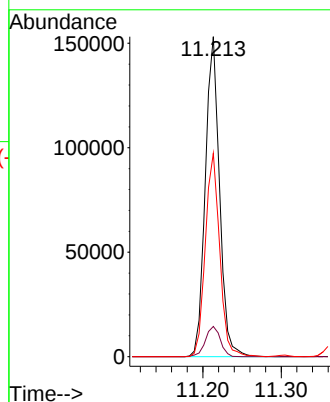
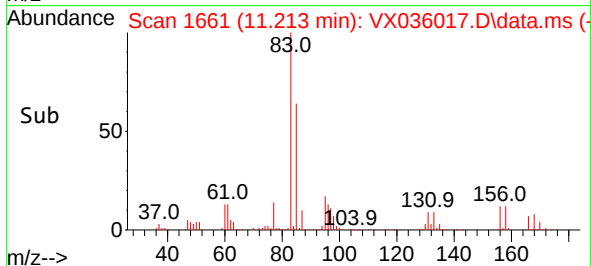
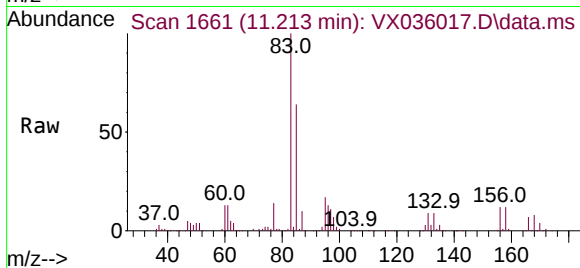
#75
1,1,2,2-Tetrachloroethane
Concen: 49.671 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 192935
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.4 32.4 97.0

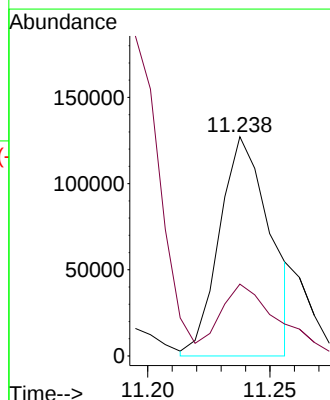
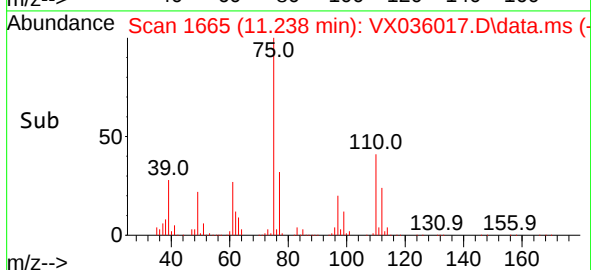
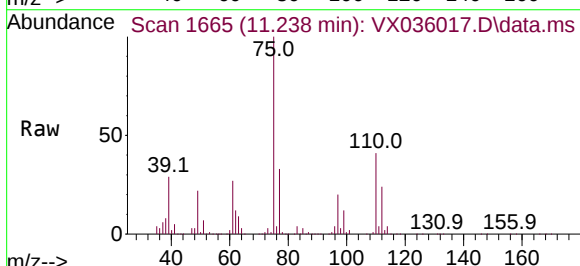
Manual Integrations
APPROVED

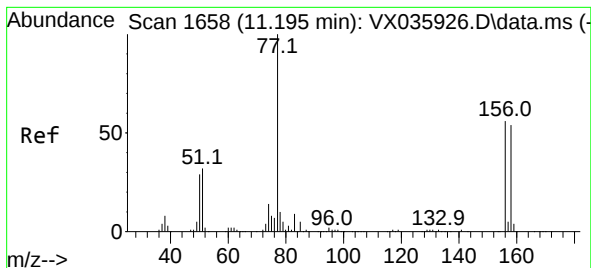
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#76
1,2,3-Trichloropropane
Concen: 51.964 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion: 75 Resp: 183134
Ion Ratio Lower Upper
75 100
77 37.9 21.4 64.2





#77

Bromobenzene

Concen: 47.264 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 13271

Ion Ratio Lower Upper

156 100

77 178.4 90.8 272.3

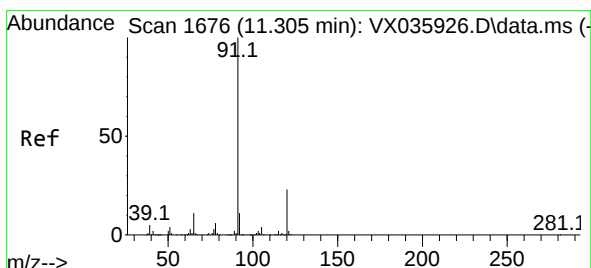
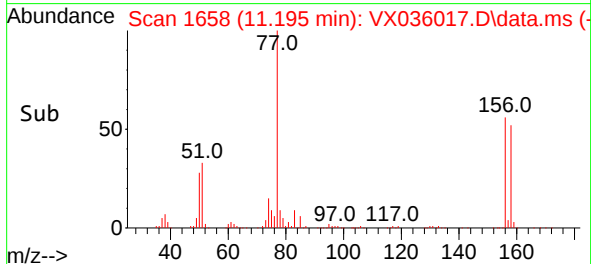
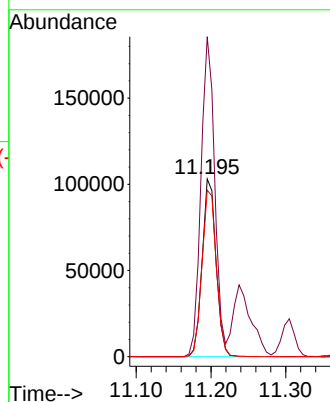
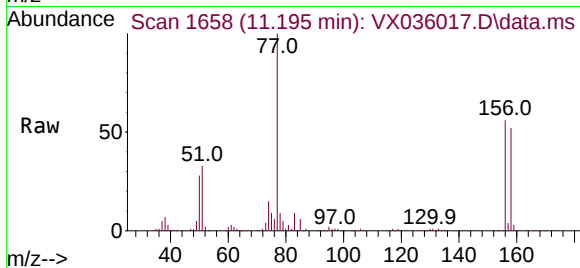
158 97.0 47.4 142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#78

n-propylbenzene

Concen: 49.709 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036017.D

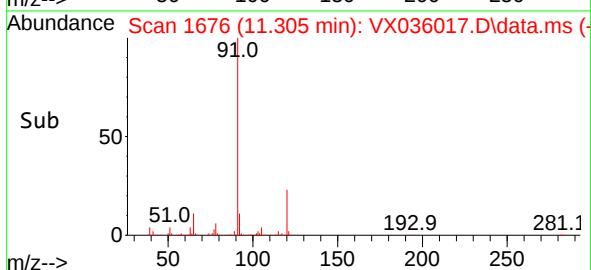
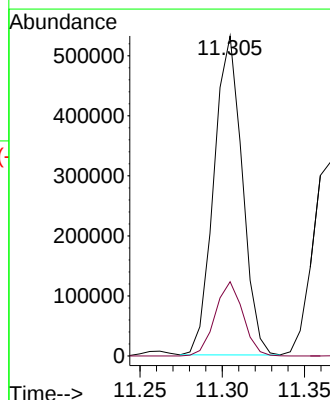
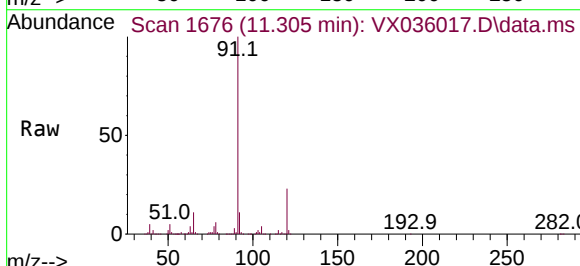
Acq: 05 Jun 2023 20:46

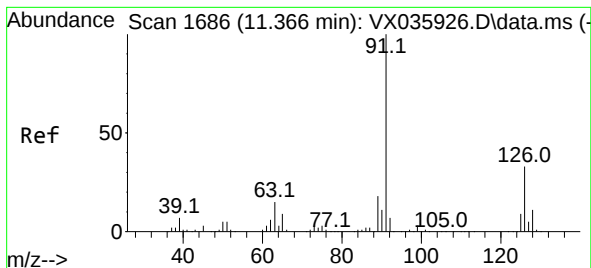
Tgt Ion: 91 Resp: 637061

Ion Ratio Lower Upper

91 100

120 22.8 10.9 32.9





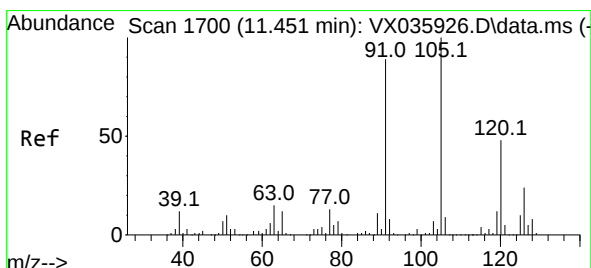
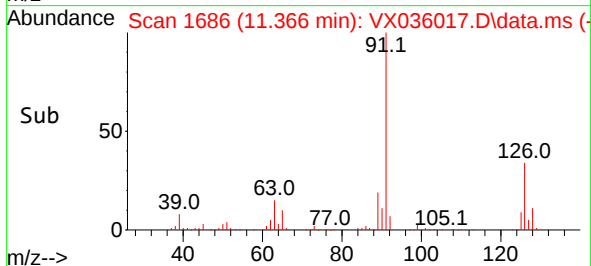
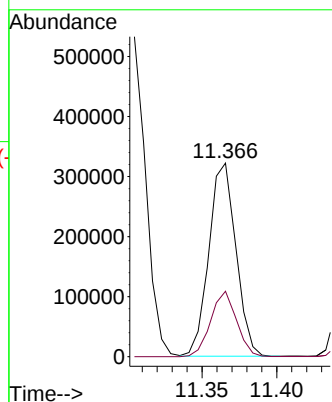
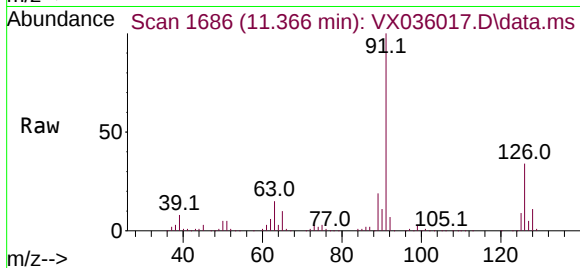
#79
2-Chlorotoluene
Concen: 48.537 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 405114
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4

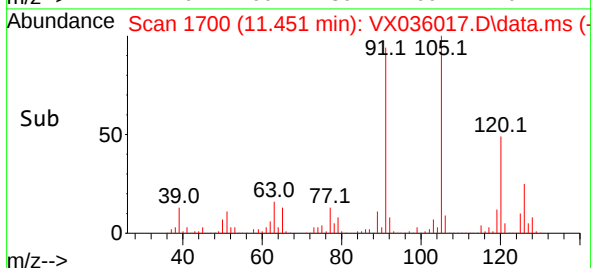
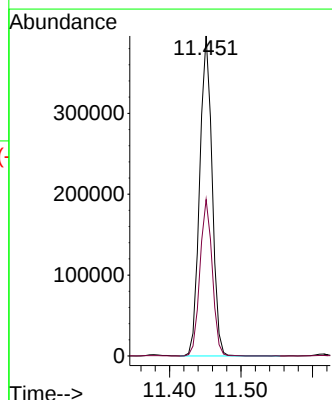
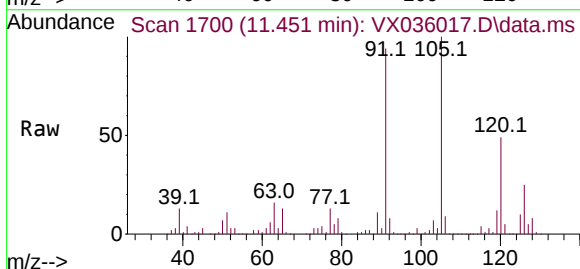
Manual Integrations
APPROVED

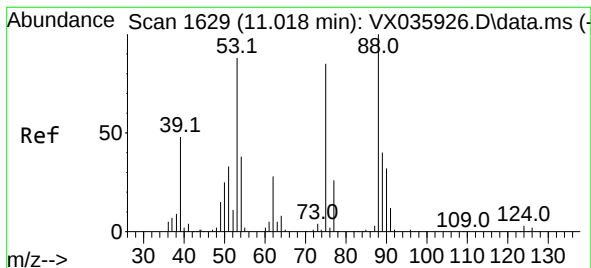
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

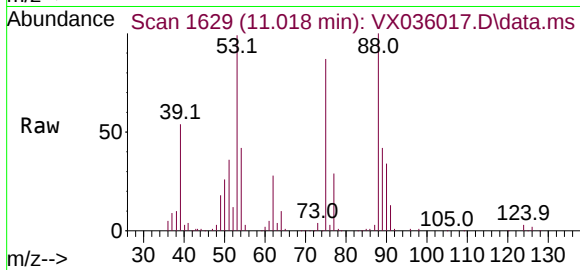
Tgt Ion:105 Resp: 475220
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.286 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

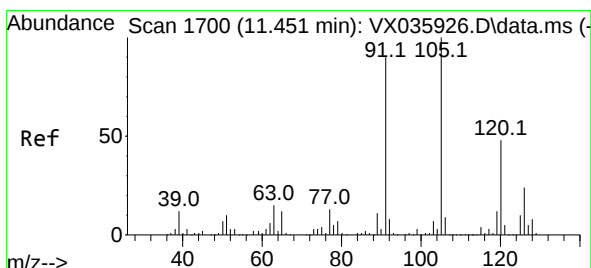
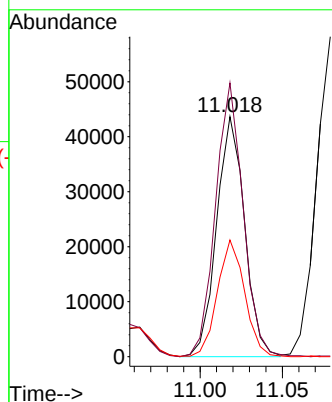
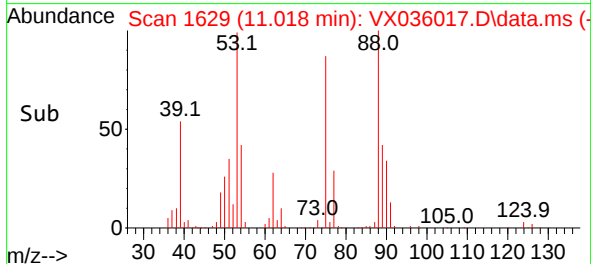
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



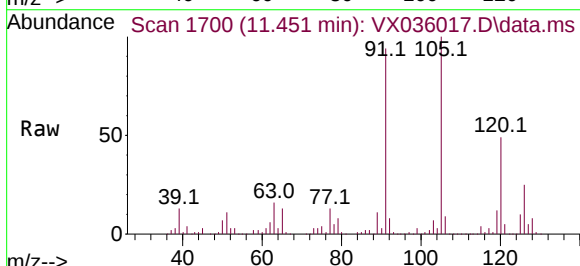
Tgt Ion: 75 Resp: 51568
Ion Ratio Lower Upper
75 100
53 112.7 95.2 142.8
89 47.3 38.0 57.0

Manual Integrations
APPROVED

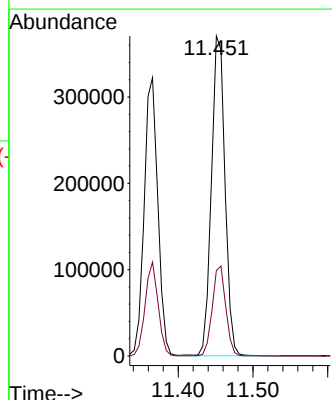
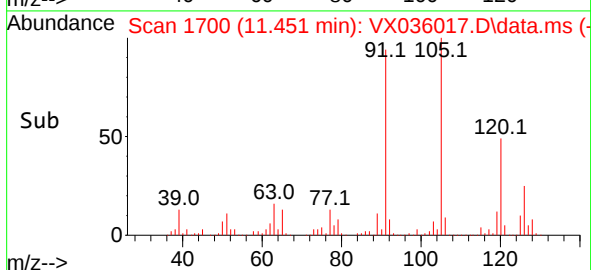
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

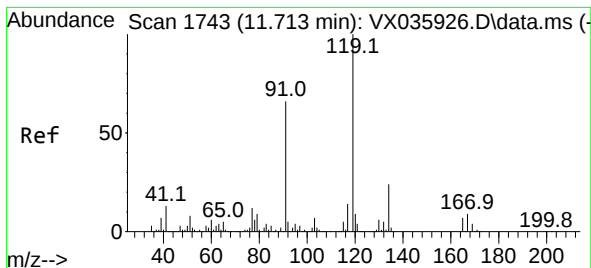


#82
4-Chlorotoluene
Concen: 48.839 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46



Tgt Ion: 91 Resp: 467866
Ion Ratio Lower Upper
91 100
126 28.0 13.7 41.0





#83

tert-Butylbenzene

Concen: 49.599 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036017.D

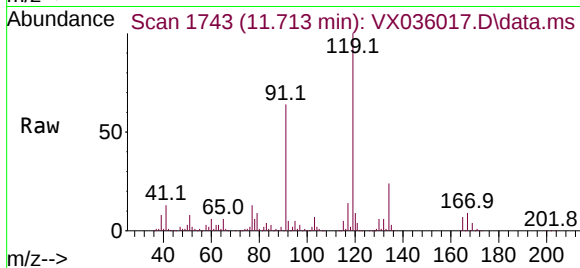
Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:119 Resp: 453630

Ion Ratio Lower Upper

119 100

91 61.2 32.4 97.0

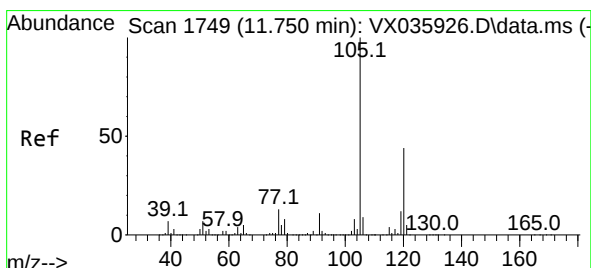
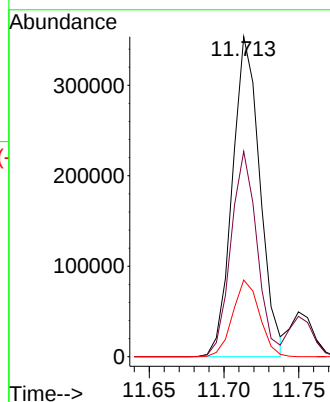
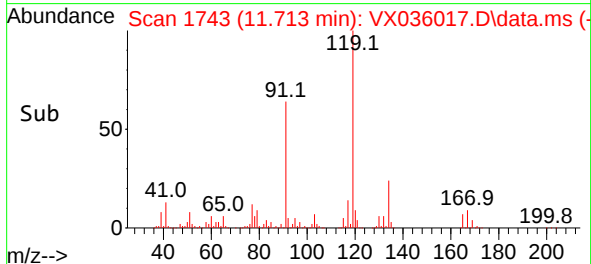
134 23.4 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.465 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036017.D

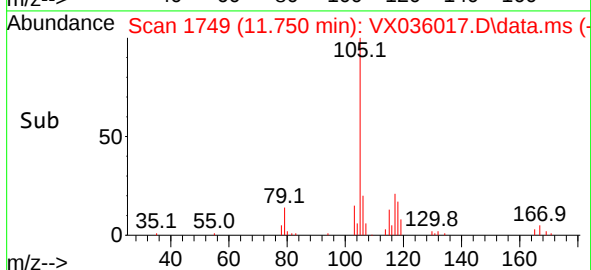
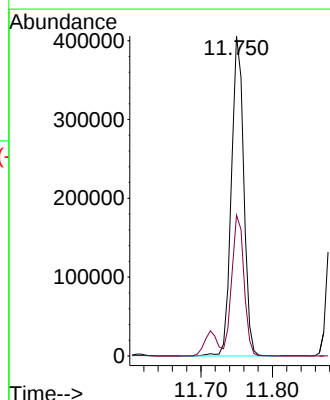
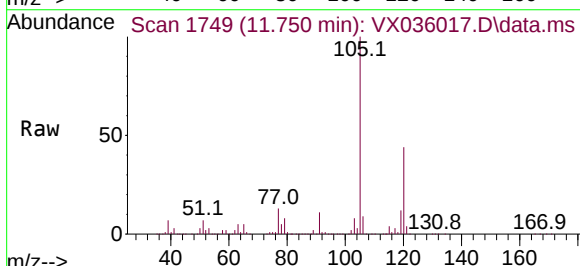
Acq: 05 Jun 2023 20:46

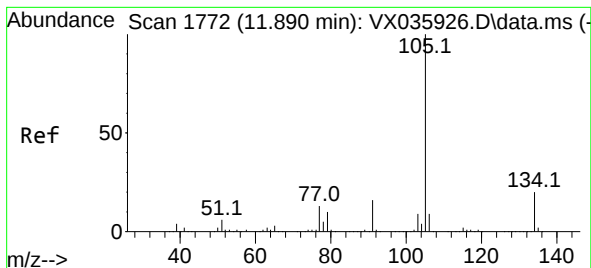
Tgt Ion:105 Resp: 485997

Ion Ratio Lower Upper

105 100

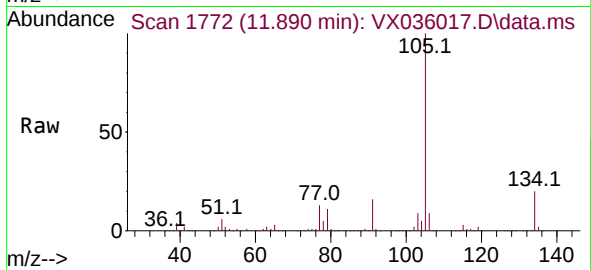
120 43.4 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 49.821 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036017.D
 Acq: 05 Jun 2023 20:46

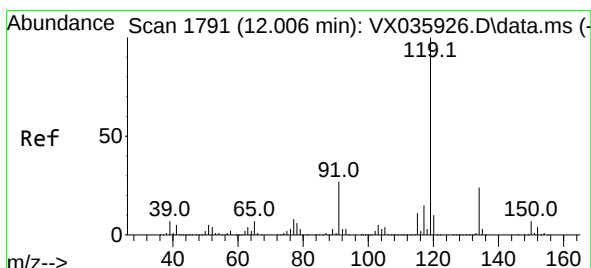
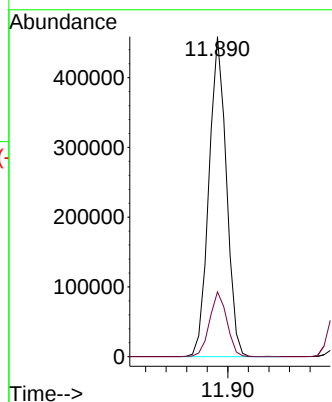
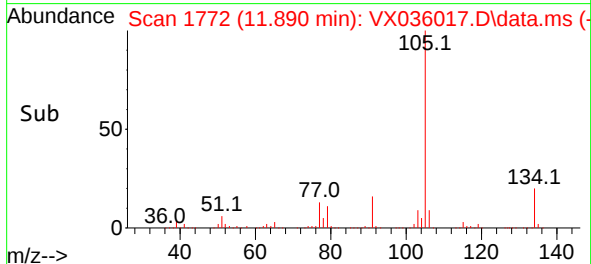
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



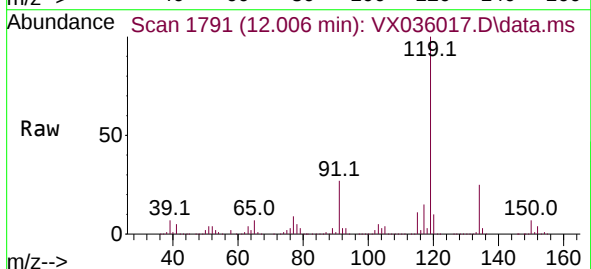
Tgt Ion:105 Resp: 54048
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9

Manual Integrations
 APPROVED

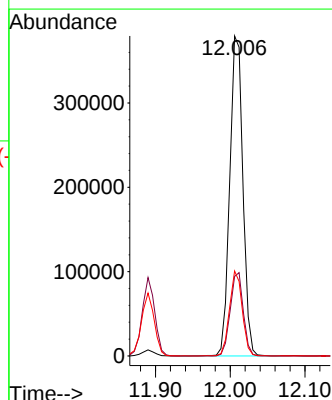
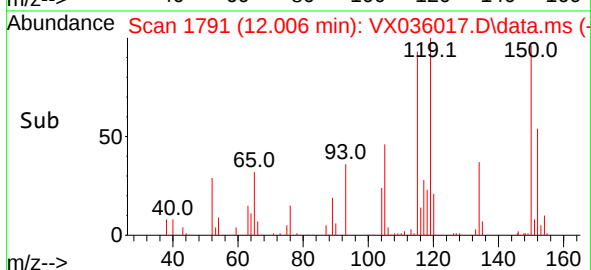
Reviewed By :John Carlone 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

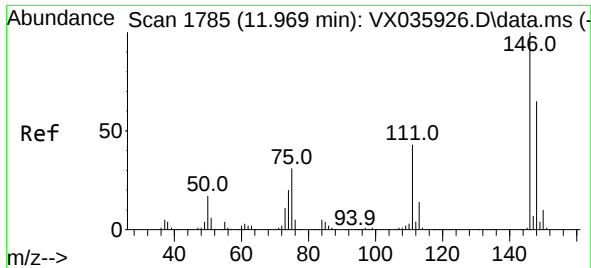


#86
 p-Isopropyltoluene
 Concen: 49.981 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036017.D
 Acq: 05 Jun 2023 20:46



Tgt Ion:119 Resp: 463579
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.1
 91 25.7 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 48.199 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 24792

Ion Ratio Lower Upper

146 100

111 44.0 22.6 67.7

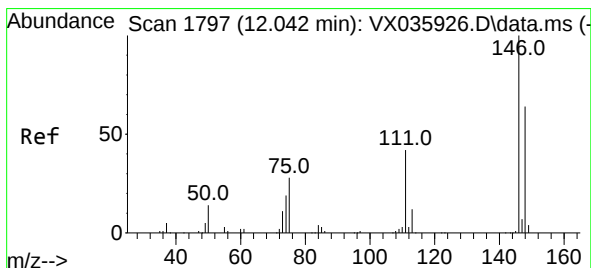
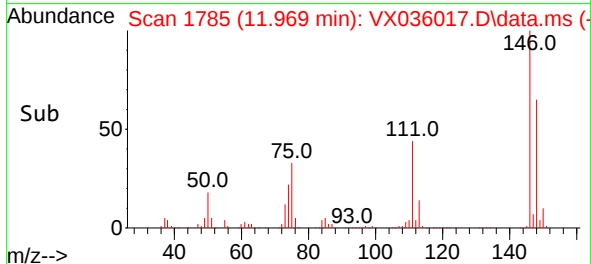
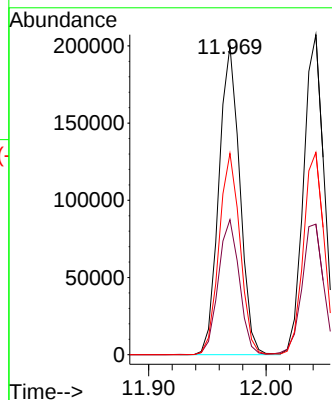
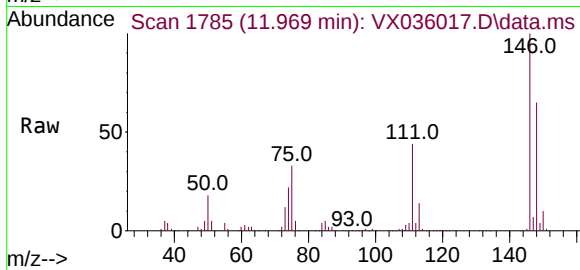
148 65.3 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#88

1,4-Dichlorobenzene

Concen: 46.419 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

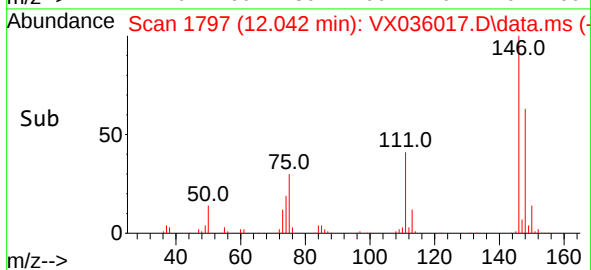
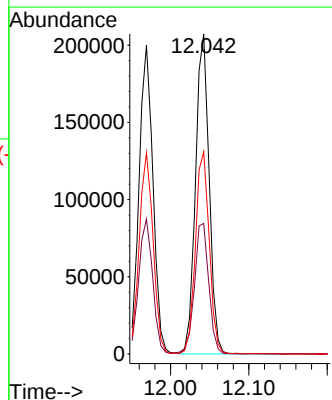
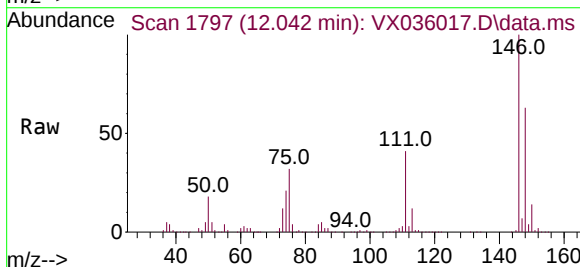
Tgt Ion:146 Resp: 251528

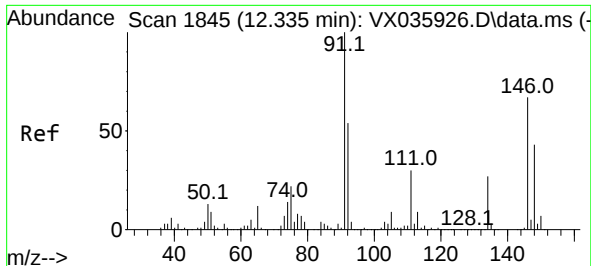
Ion Ratio Lower Upper

146 100

111 43.0 21.8 65.3

148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 49.313 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 38641

Ion Ratio Lower Upper

91 100

92 54.0 27.3 81.8

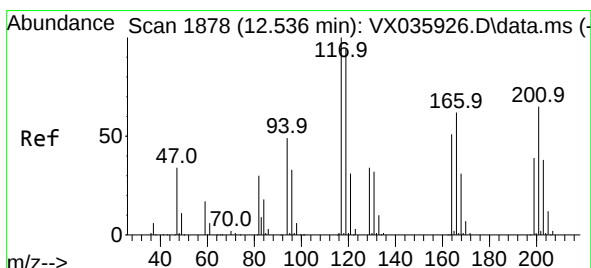
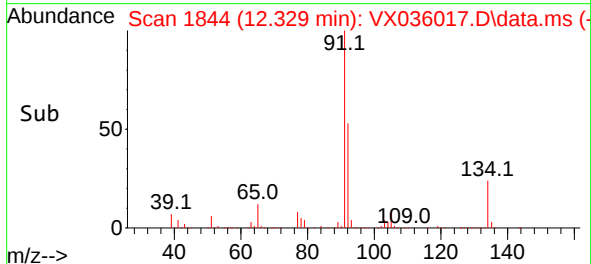
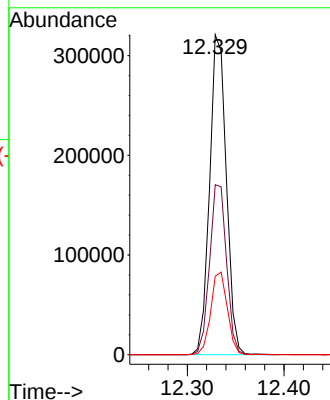
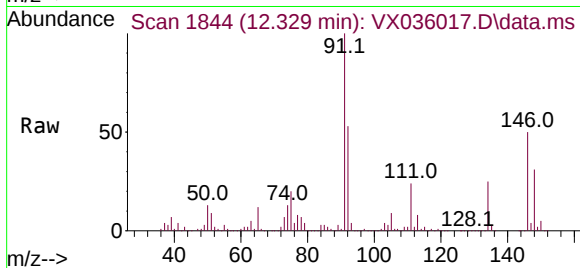
134 25.7 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#90

Hexachloroethane

Concen: 50.446 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036017.D

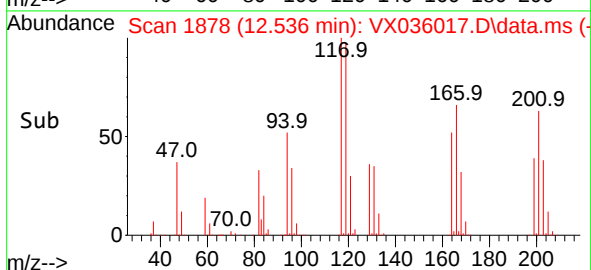
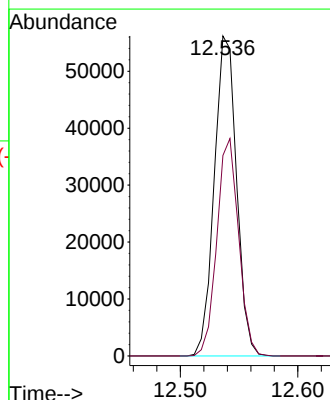
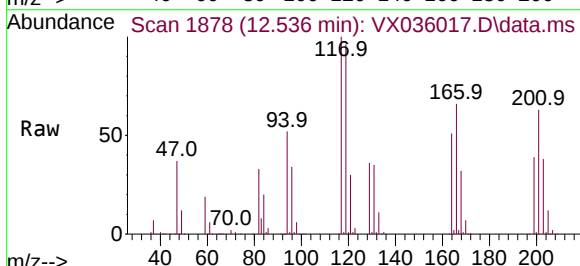
Acq: 05 Jun 2023 20:46

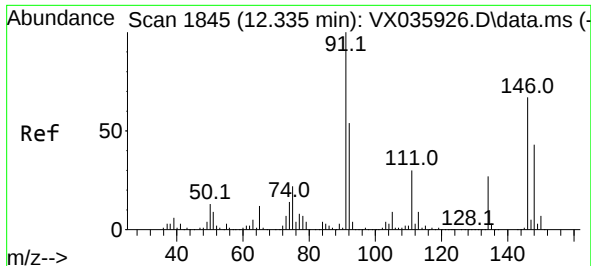
Tgt Ion:117 Resp: 74196

Ion Ratio Lower Upper

117 100

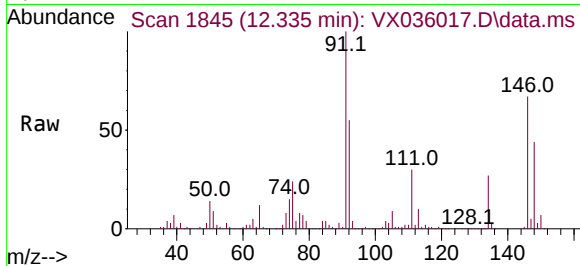
201 66.3 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 48.430 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

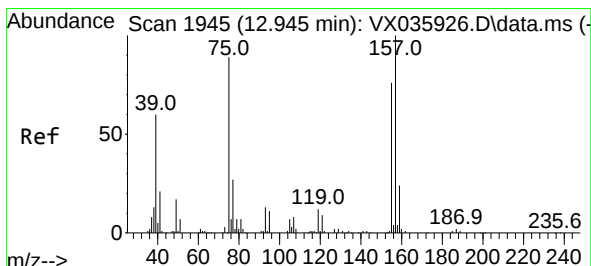
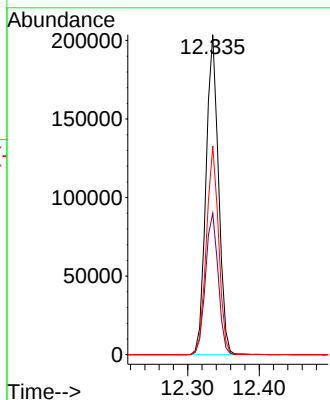
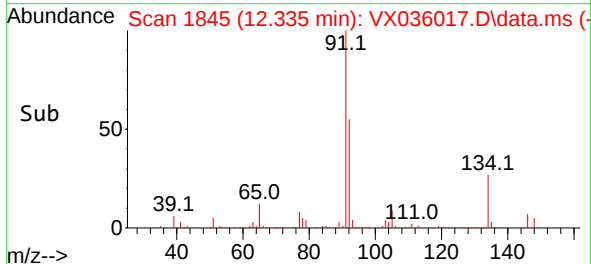
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



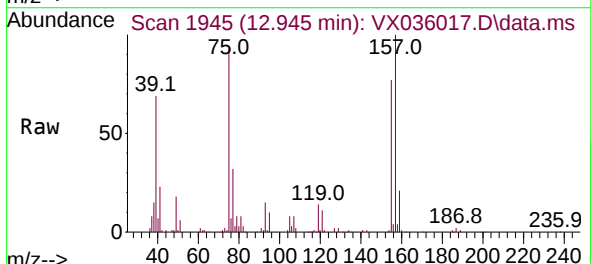
Tgt Ion:146 Resp: 247980
Ion Ratio Lower Upper
146 100
111 44.8 23.3 69.9
148 63.8 31.9 95.7

Manual Integrations
APPROVED

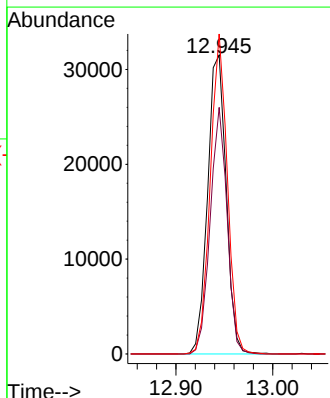
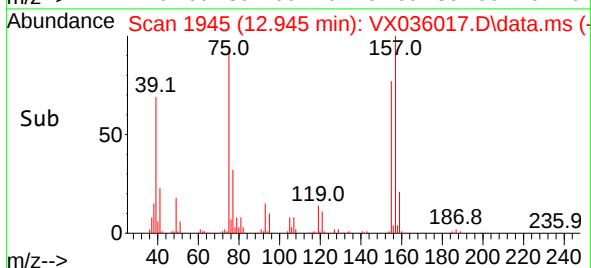
Reviewed By :John Carlone 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

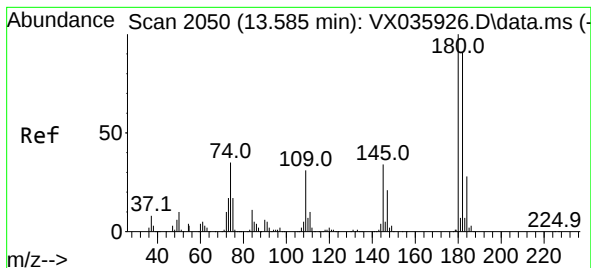


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.492 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46



Tgt Ion: 75 Resp: 42077
Ion Ratio Lower Upper
75 100
155 74.7 35.3 105.7
157 98.0 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 46.115 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

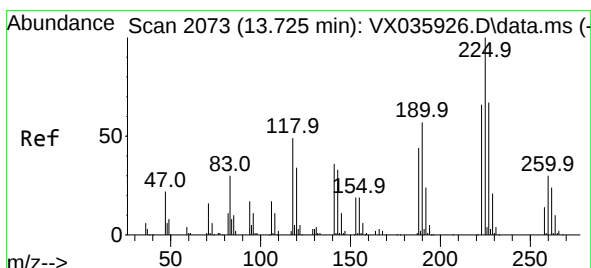
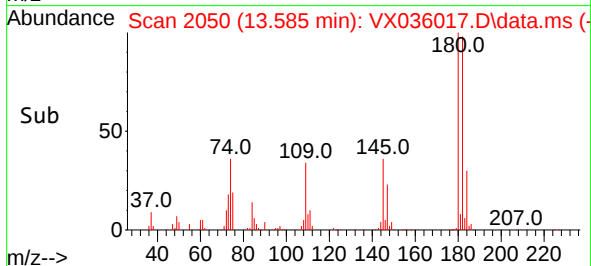
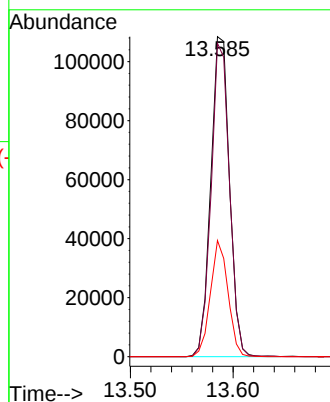
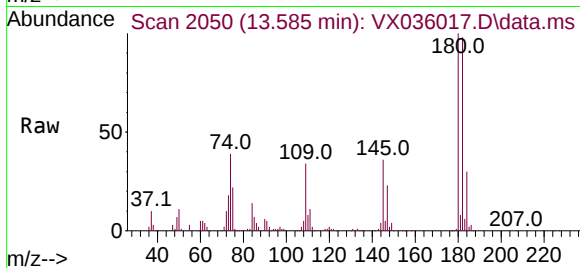
Tgt Ion:180	Resp:	13741
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.3 141.8
145	34.1	17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#94

Hexachlorobutadiene

Concen: 43.836 ug/l

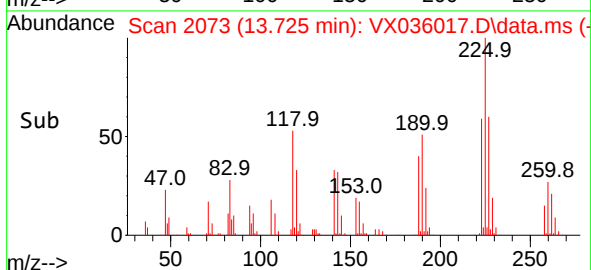
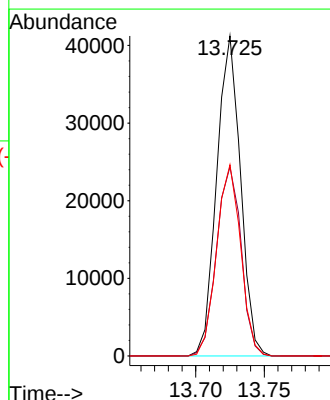
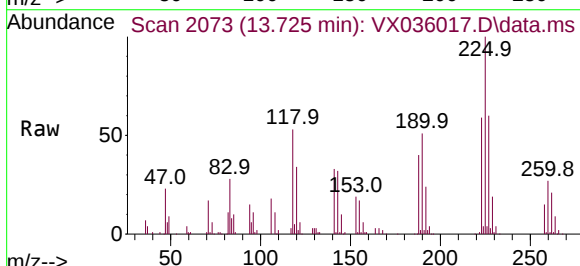
RT: 13.725 min Scan# 2073

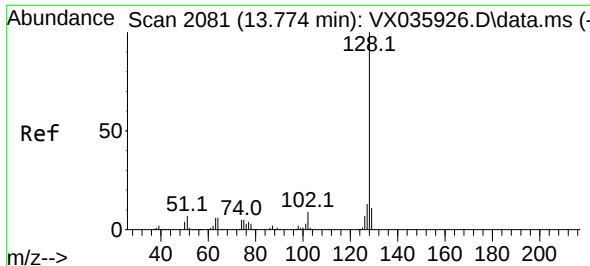
Delta R.T. 0.000 min

Lab File: VX036017.D

Acq: 05 Jun 2023 20:46

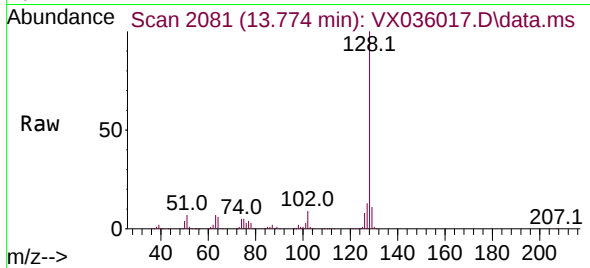
Tgt Ion:225	Resp:	49689
Ion Ratio	Lower	Upper
225	100	
223	61.1	32.6 97.7
227	60.4	31.9 95.7





#95
Naphthalene
Concen: 50.400 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

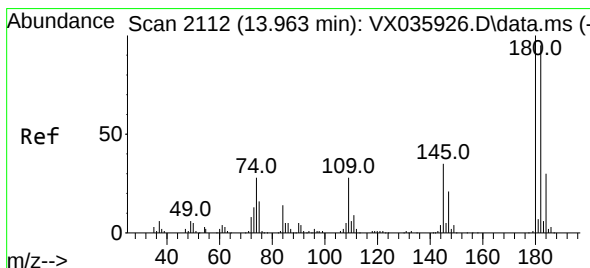
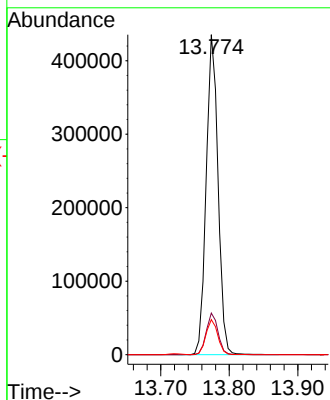
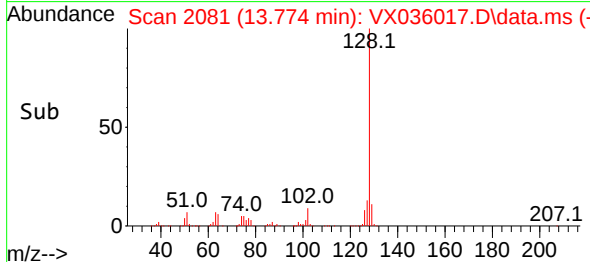
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 522718
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.478 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036017.D
Acq: 05 Jun 2023 20:46

Tgt Ion:180 Resp: 139554
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.7
145 36.2 18.1 54.3

