

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035274.D
 Acq On : 25 Apr 2023 11:23
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 25 16:07:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:06:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	298829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474655	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	425804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73228	20.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.620%#		
35) Dibromofluoromethane	5.385	113	58700	20.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.300%#		
50) Toluene-d8	8.647	98	226083	20.572	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	41.140%#		
62) 4-Bromofluorobenzene	11.079	95	83870	20.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61597	19.481	ug/l	100
3) Chloromethane	1.294	50	53245	18.511	ug/l	96
4) Vinyl Chloride	1.374	62	53676	18.605	ug/l	99
5) Bromomethane	1.618	94	36722	19.151	ug/l	96
6) Chloroethane	1.691	64	31615	18.737	ug/l	96
7) Trichlorofluoromethane	1.892	101	85921	19.045	ug/l	100
8) Diethyl Ether	2.130	74	30492	18.537	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	54878	18.212	ug/l	95
10) Methyl Iodide	2.453	142	72670	19.109	ug/l	98
11) Tert butyl alcohol	3.014	59	59569	90.990	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	53021	18.268	ug/l	97
13) Acrolein	2.239	56	62393	96.650	ug/l	100
14) Allyl chloride	2.666	41	92750	18.159	ug/l	98
15) Acrylonitrile	3.069	53	152788	93.061	ug/l	99
16) Acetone	2.398	43	147476	94.186	ug/l	100
17) Carbon Disulfide	2.514	76	125912	18.097	ug/l	99
18) Methyl Acetate	2.709	43	115721	19.112	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	186263	18.706	ug/l	98
20) Methylene Chloride	2.788	84	64106	17.855	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	58324	18.503	ug/l	93
22) Diisopropyl ether	3.757	45	193471	19.142	ug/l	96
23) Vinyl Acetate	3.721	43	670568	96.520	ug/l	98
24) 1,1-Dichloroethane	3.611	63	106932	18.782	ug/l	99
25) 2-Butanone	4.568	43	218096	95.433	ug/l	99
26) 2,2-Dichloropropane	4.477	77	79633	17.854	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	68040	18.363	ug/l	95
28) Bromochloromethane	4.897	49	48299	19.908	ug/l	89
29) Tetrahydrofuran	5.019	42	141260	96.442	ug/l	97
30) Chloroform	5.093	83	110495	19.226	ug/l	98
31) Cyclohexane	5.477	56	99455	19.447	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	92999	18.464	ug/l	98
36) 1,1-Dichloropropene	5.690	75	82718	18.184	ug/l	98
37) Ethyl Acetate	4.715	43	79226	18.774	ug/l	96
38) Carbon Tetrachloride	5.678	117	81374	18.844	ug/l	95
39) Methylcyclohexane	7.379	83	104337	18.843	ug/l	99
40) Benzene	6.037	78	249362	19.109	ug/l	100

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 Supervised By : Mahesh Dadoda 04/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46770	19.646	ug/l	98
42) 1,2-Dichloroethane	6.086	62	88042	18.923	ug/l	97
43) Isopropyl Acetate	6.336	43	132303	18.951	ug/l	97
44) Trichloroethene	7.129	130	68049	18.930	ug/l	91
45) 1,2-Dichloropropane	7.434	63	61694	18.753	ug/l	97
46) Dibromomethane	7.580	93	41357	18.306	ug/l	92
47) Bromodichloromethane	7.824	83	77048	18.510	ug/l	100
48) Methyl methacrylate	7.696	41	66083	19.297	ug/l	93
49) 1,4-Dioxane	7.726	88	32271	386.604	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	416455	97.098	ug/l	97
52) Toluene	8.720	92	157450	19.035	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	82322	18.937	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	94187	19.169	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	61868	18.762	ug/l	95
56) Ethyl methacrylate	9.116	69	94269	19.191	ug/l	91
57) 1,3-Dichloropropane	9.311	76	104791	18.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	255980	104.220	ug/l	96
59) 2-Hexanone	9.433	43	315309	97.858	ug/l	94
60) Dibromochloromethane	9.519	129	59891	18.957	ug/l	97
61) 1,2-Dibromoethane	9.610	107	65503	19.269	ug/l	100
64) Tetrachloroethene	9.275	164	60622	18.594	ug/l	97
65) Chlorobenzene	10.079	112	169816	18.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	59068	18.423	ug/l	99
67) Ethyl Benzene	10.195	91	296244	18.569	ug/l	100
68) m/p-Xylenes	10.299	106	231355	37.845	ug/l	99
69) o-Xylene	10.640	106	113870	18.995	ug/l	98
70) Styrene	10.653	104	185350	19.070	ug/l	97
71) Bromoform	10.799	173	39926	17.903	ug/l #	100
73) Isopropylbenzene	10.963	105	297911	19.401	ug/l	100
74) N-amyl acetate	10.842	43	110337	19.121	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	90882	19.069	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82675m	20.658	ug/l	
77) Bromobenzene	11.195	156	71542	18.743	ug/l	93
78) n-propylbenzene	11.305	91	340862	19.328	ug/l	99
79) 2-Chlorotoluene	11.366	91	205341	18.633	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	252395	19.494	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21231	16.410	ug/l	87
82) 4-Chlorotoluene	11.451	91	235940	19.063	ug/l	97
83) tert-Butylbenzene	11.713	119	246385	18.966	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	253084	19.454	ug/l	100
85) sec-Butylbenzene	11.890	105	306317	19.223	ug/l	100
86) p-Isopropyltoluene	12.006	119	261799	19.317	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	136011	18.750	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	137564	18.087	ug/l	99
89) n-Butylbenzene	12.335	91	214518	18.750	ug/l	98
90) Hexachloroethane	12.536	117	38368	18.494	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	134361	18.520	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17980	18.814	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	84165	18.456	ug/l	99
94) Hexachlorobutadiene	13.725	225	36554	18.264	ug/l	99
95) Naphthalene	13.774	128	274172	19.529	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	84387	18.382	ug/l	98

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VSTDICC020

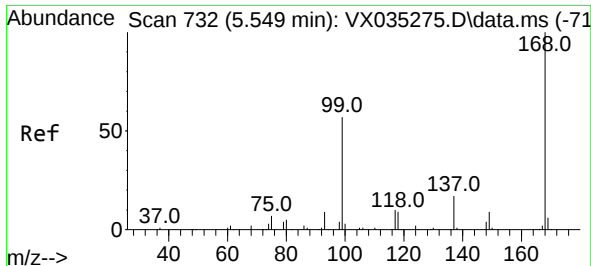
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/26/2023

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:06:05 2023
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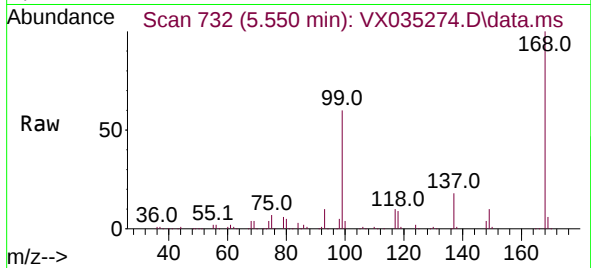
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

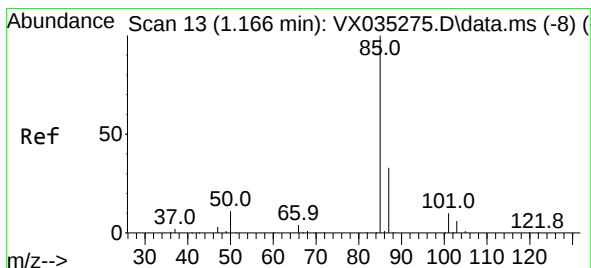
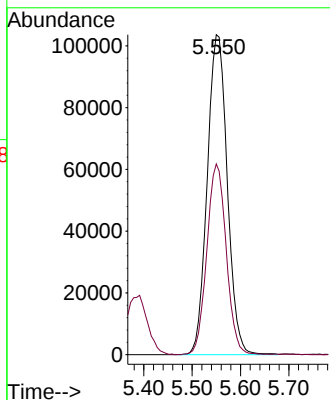
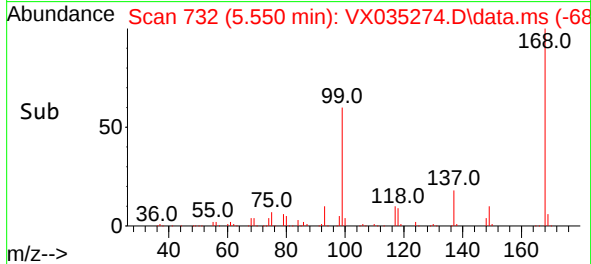
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 298829
Ion Ratio Lower Upper
168 100
99 59.5 45.7 68.5

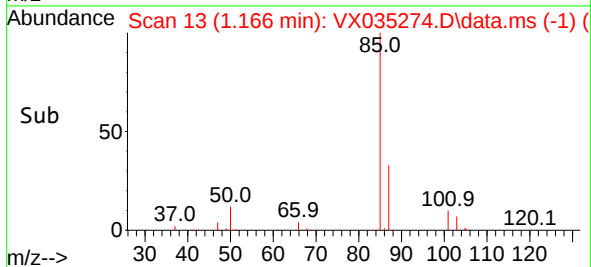
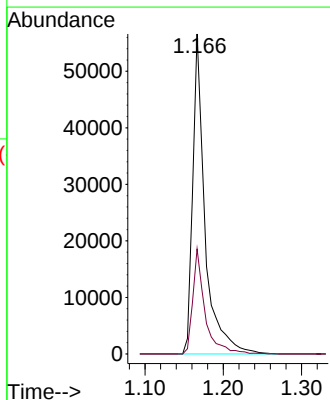
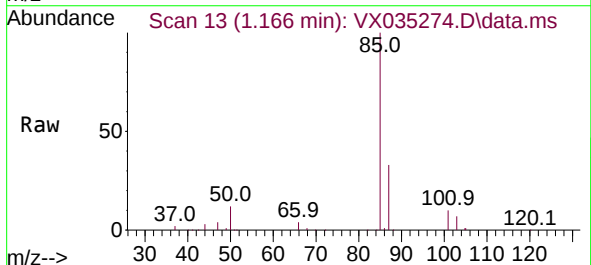
Manual Integrations
APPROVED

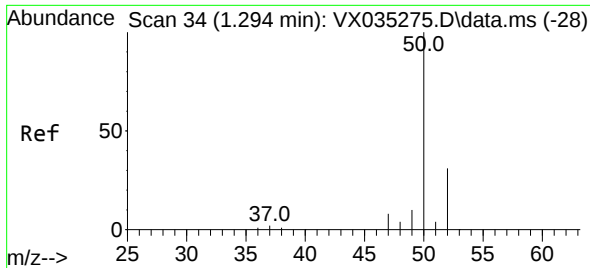
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#2
Dichlorodifluoromethane
Concen: 19.481 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

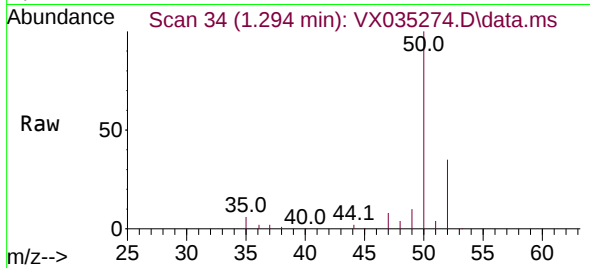
Tgt Ion: 85 Resp: 61597
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1





#3
Chloromethane
Concen: 18.511 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

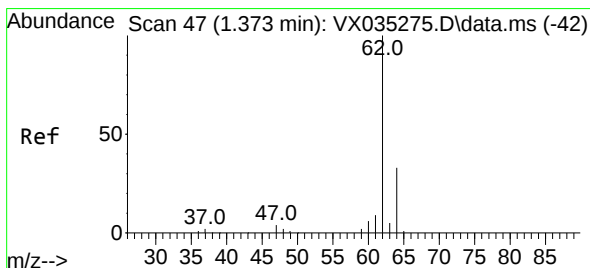
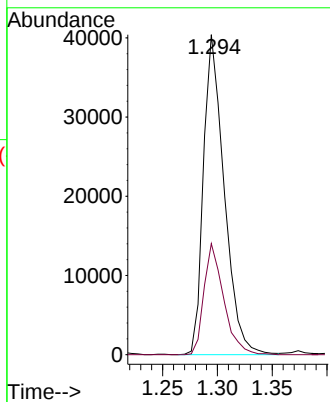
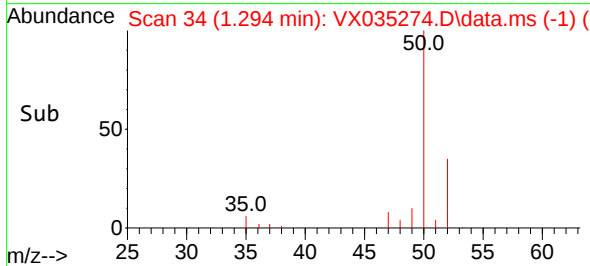
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MSVOA_X
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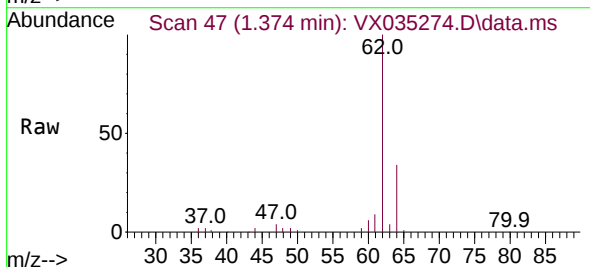
Tgt Ion: 50 Resp: 53249
Ion Ratio Lower Upper
50 100
52 34.7 25.9 38.9

Manual Integrations
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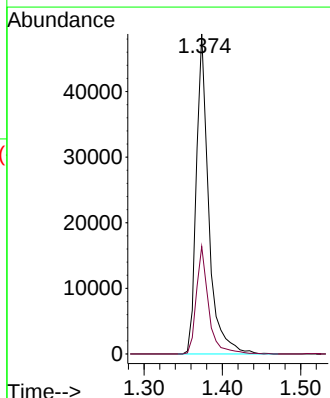
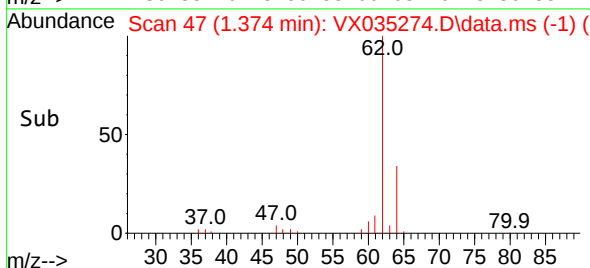
Reviewed By :John Carlone 04/25/2023
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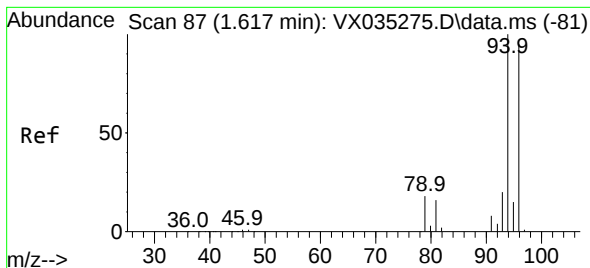


#4
Vinyl Chloride
Concen: 18.605 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



Tgt Ion: 62 Resp: 53676
Ion Ratio Lower Upper
62 100
64 33.6 26.4 39.6





#5

Bromomethane

Concen: 19.151 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 3672

Ion Ratio Lower Upper

94 100

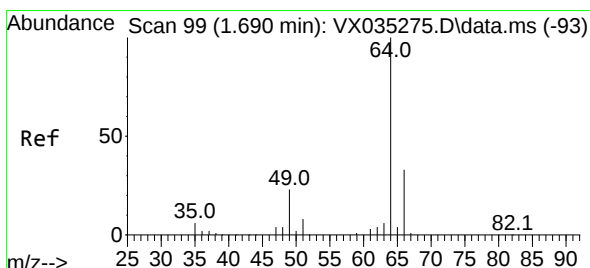
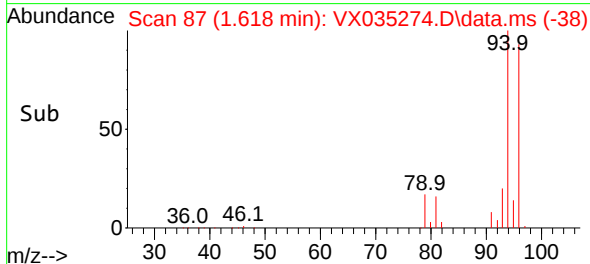
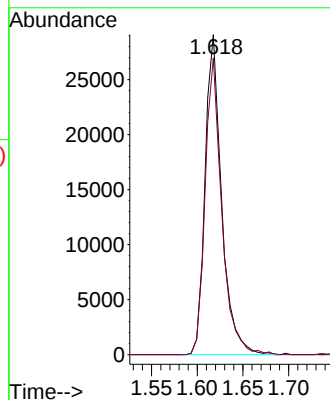
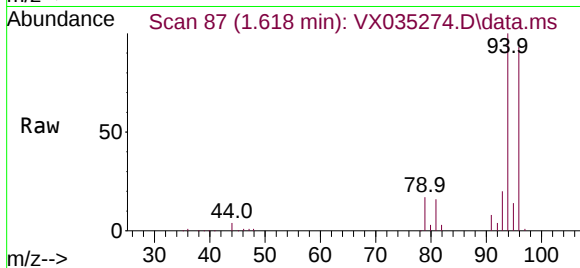
96 92.8 77.0 115.6

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 18.737 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035274.D

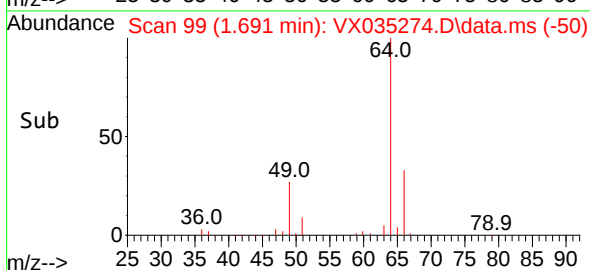
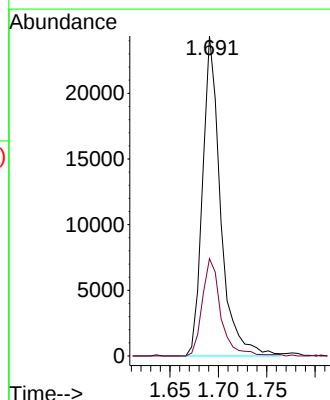
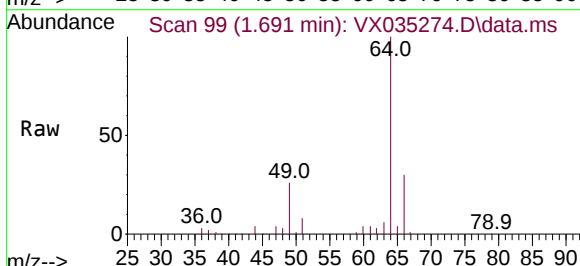
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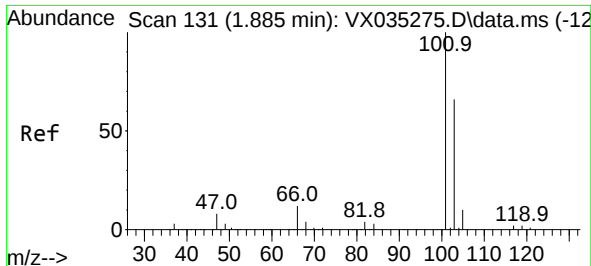
Tgt Ion: 64 Resp: 31615

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4





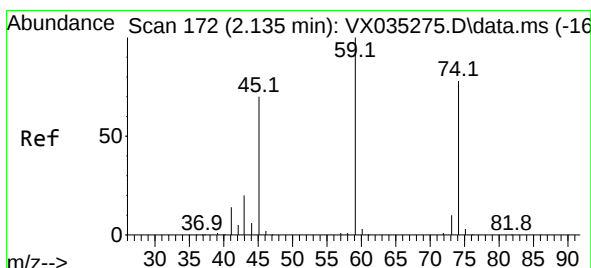
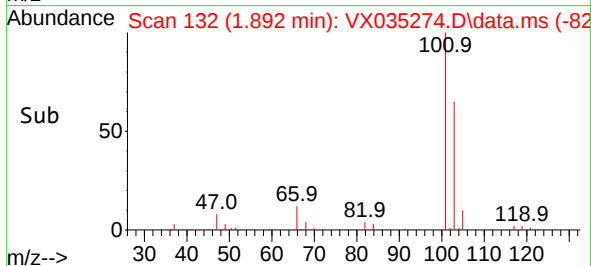
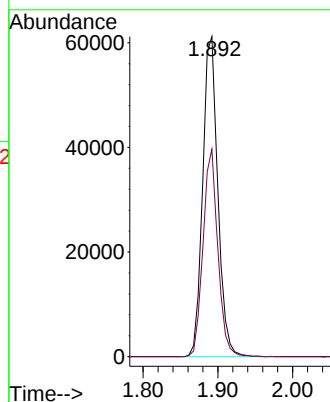
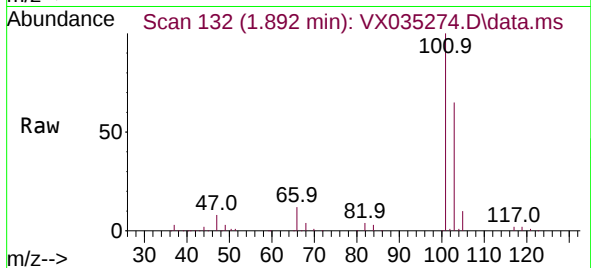
#7
Trichlorofluoromethane
Concen: 19.045 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 8592
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

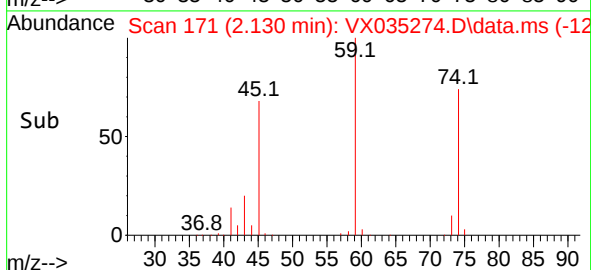
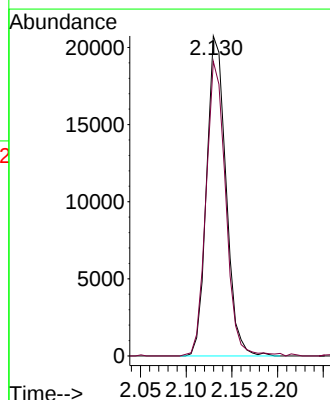
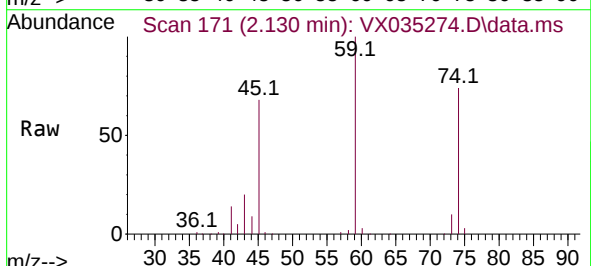
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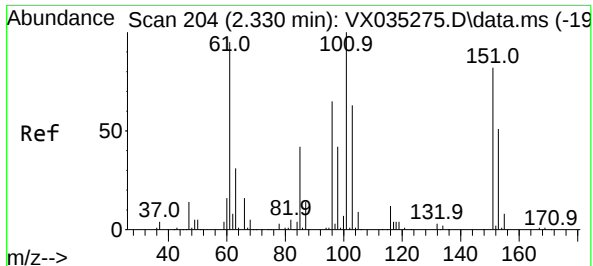
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#8
Diethyl Ether
Concen: 18.537 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion: 74 Resp: 30492
Ion Ratio Lower Upper
74 100
45 93.5 49.8 149.3





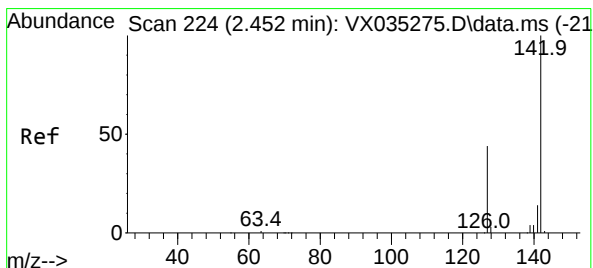
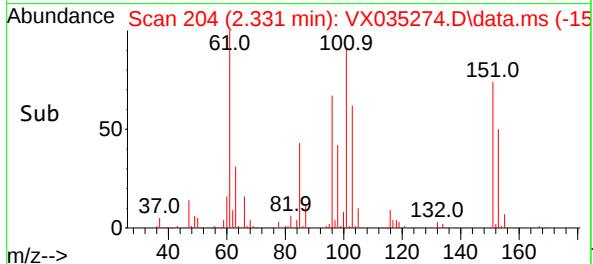
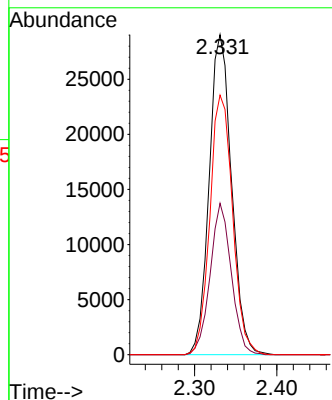
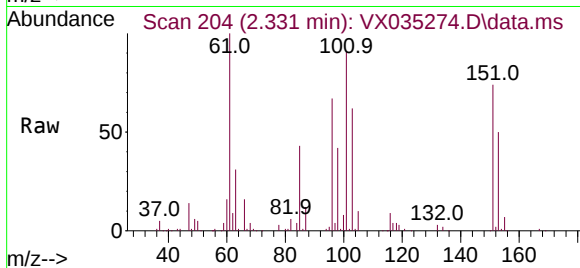
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.212 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 54878
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.2
151 82.3 60.2 90.4

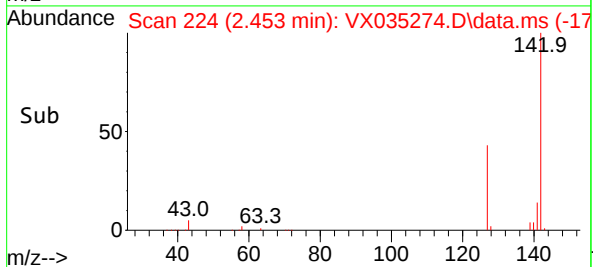
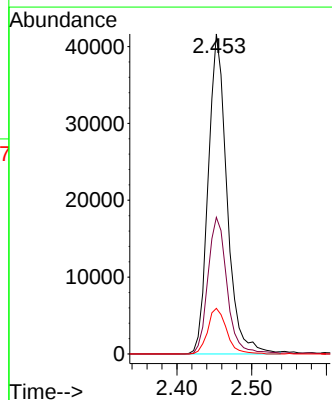
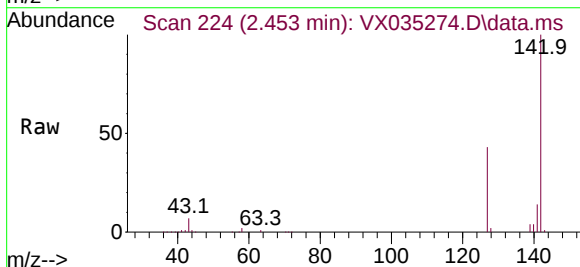
Manual Integrations
APPROVED

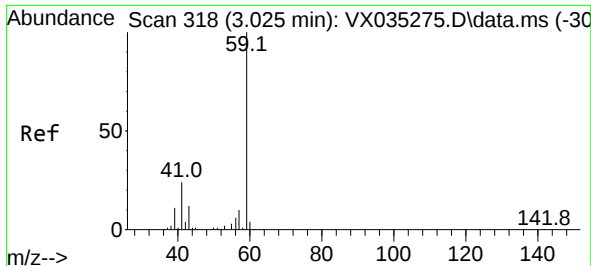
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#10
Methyl Iodide
Concen: 19.109 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

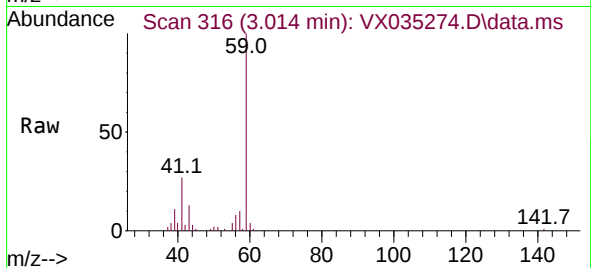
Tgt Ion:142 Resp: 72670
Ion Ratio Lower Upper
142 100
127 43.8 34.0 51.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 90.990 ug/l
RT: 3.014 min Scan# 318
Delta R.T. -0.012 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

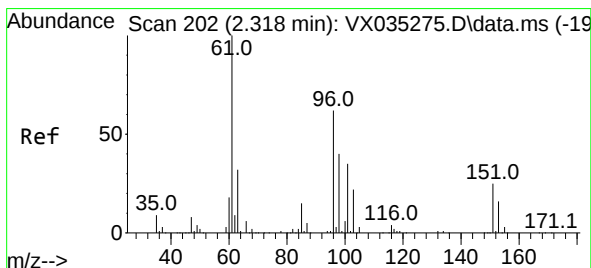
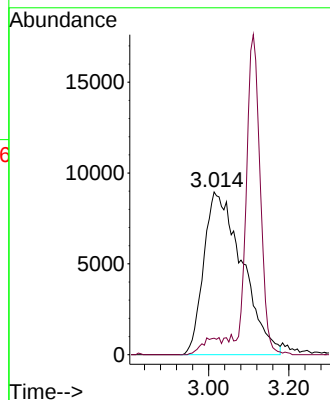
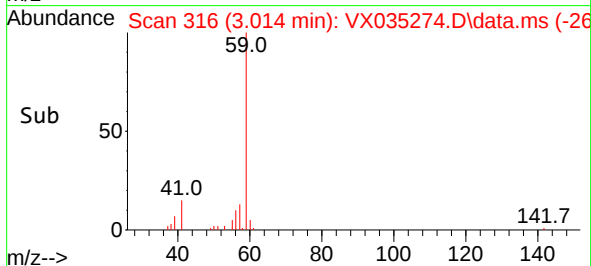
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 5956
Ion Ratio Lower Upper
59 100
57 5.0 8.1 12.1

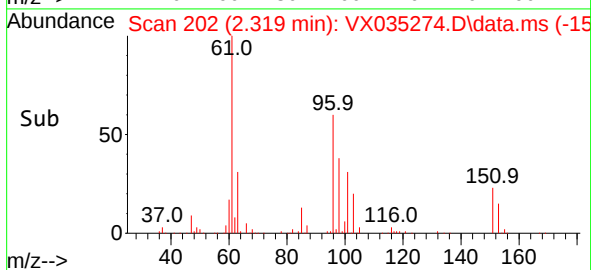
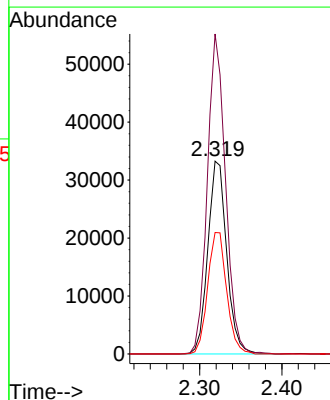
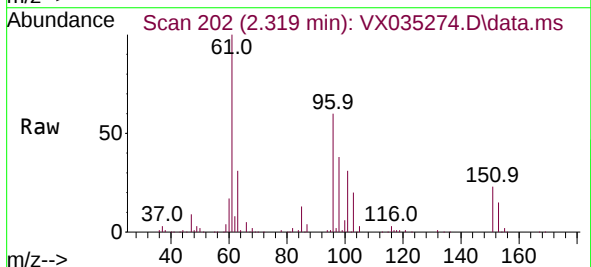
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#12
1,1-Dichloroethene
Concen: 18.268 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

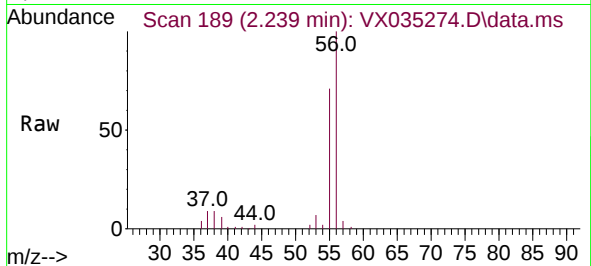
Tgt Ion: 96 Resp: 53021
Ion Ratio Lower Upper
96 100
61 166.0 128.8 193.2
98 63.0 51.4 77.0





#13
Acrolein
Concen: 96.650 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

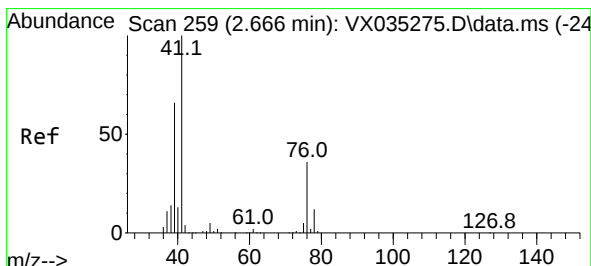
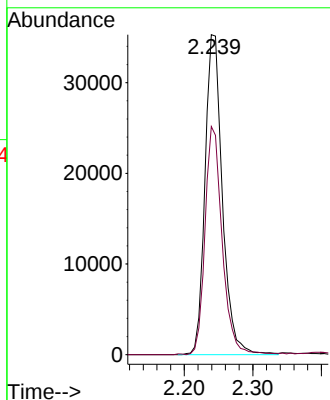
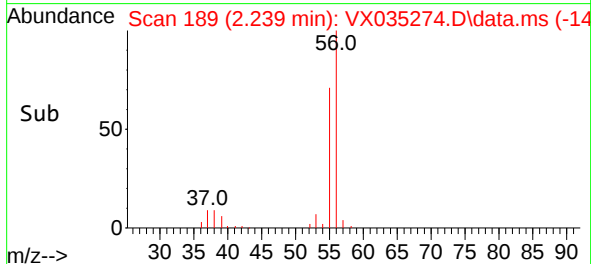
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



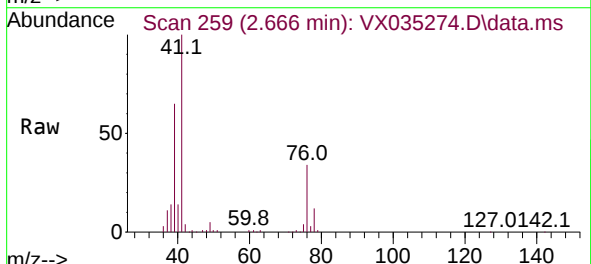
Tgt Ion: 56 Resp: 6239
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

Manual Integrations
APPROVED

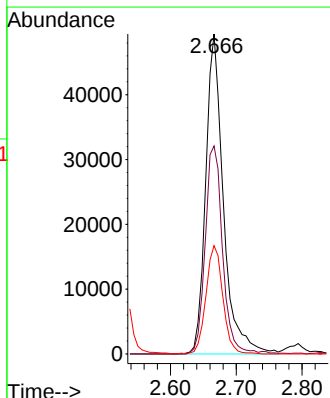
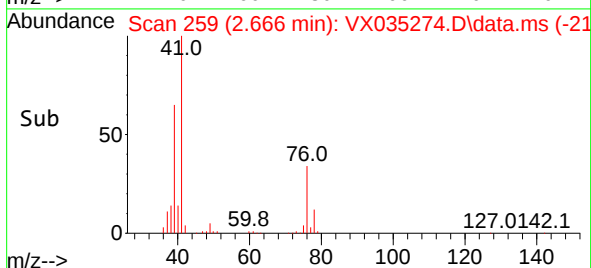
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

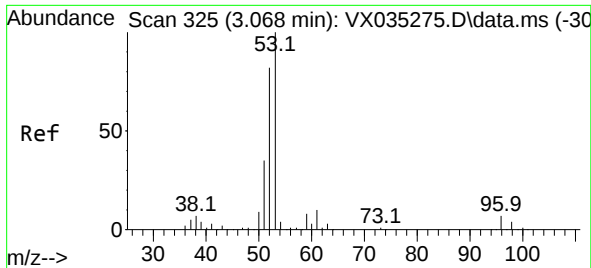


#14
Allyl chloride
Concen: 18.159 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



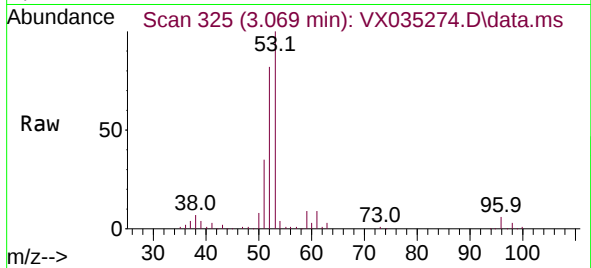
Tgt Ion: 41 Resp: 92750
Ion Ratio Lower Upper
41 100
39 63.8 52.4 78.6
76 32.2 26.0 39.0





#15
Acrylonitrile
Concen: 93.061 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

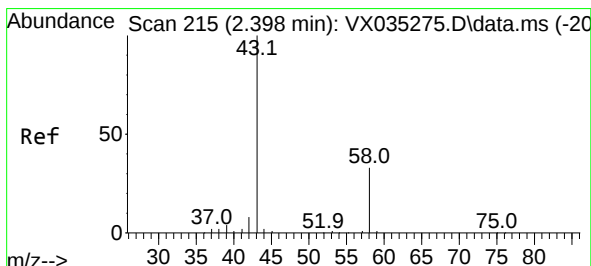
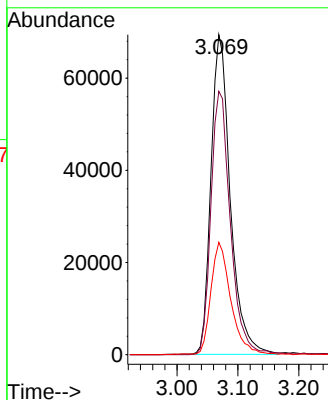
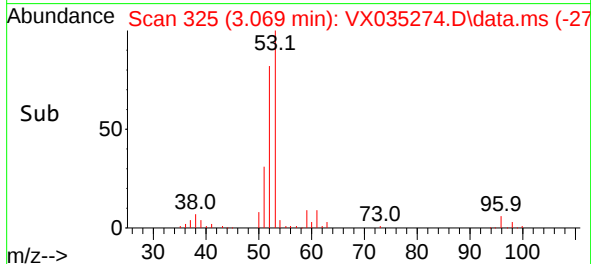
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



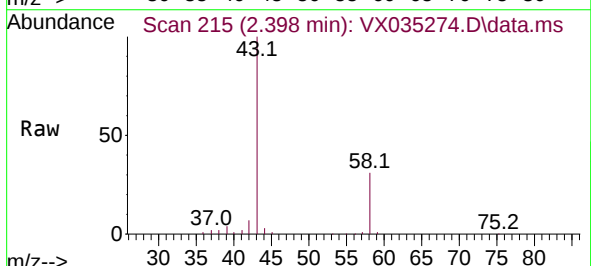
Tgt Ion: 53 Resp: 152788
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.4 28.3 42.5

Manual Integrations
APPROVED

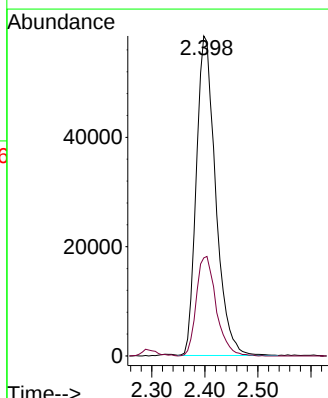
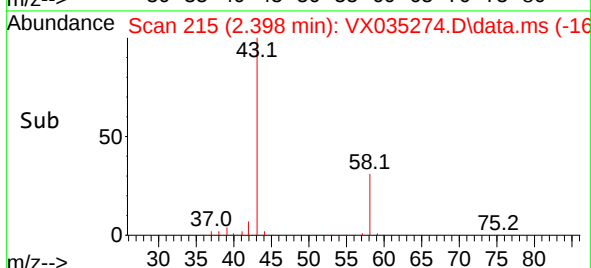
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

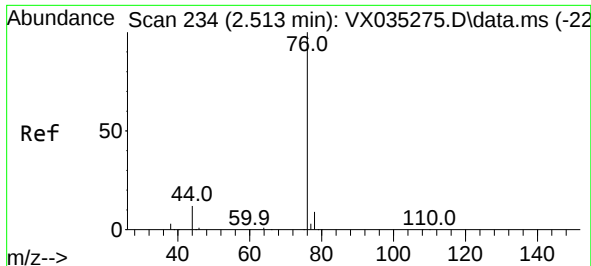


#16
Acetone
Concen: 94.186 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



Tgt Ion: 43 Resp: 147476
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1





#17

Carbon Disulfide

Concen: 18.097 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 12591

Ion Ratio Lower Upper

76 100

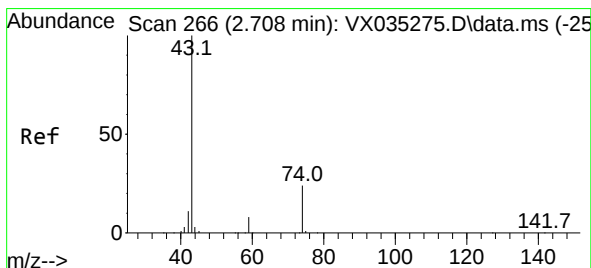
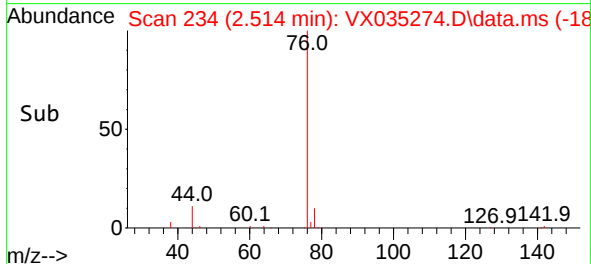
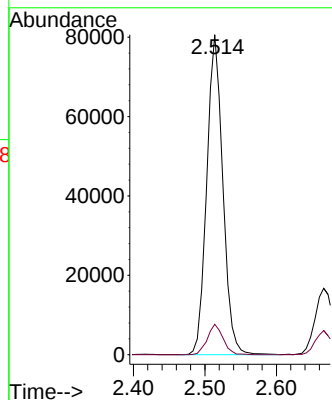
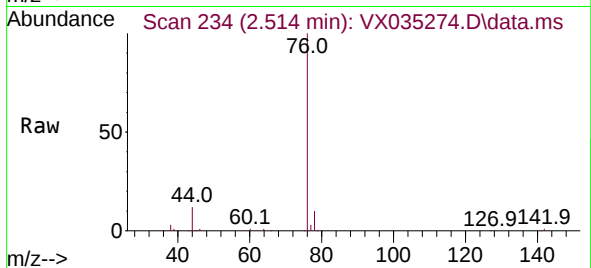
78 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#18

Methyl Acetate

Concen: 19.112 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX035274.D

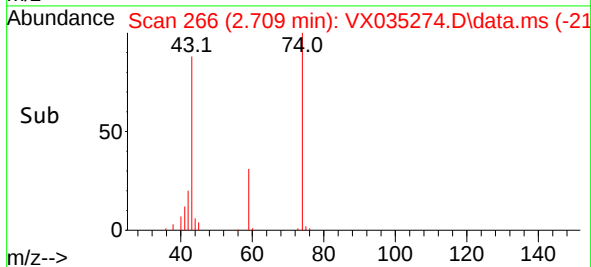
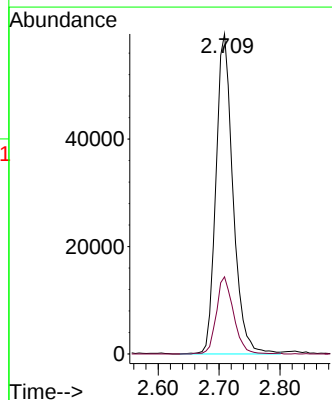
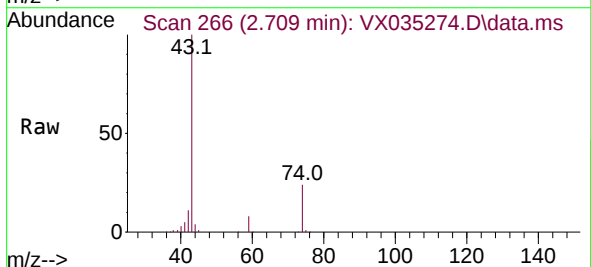
Acq: 25 Apr 2023 11:23

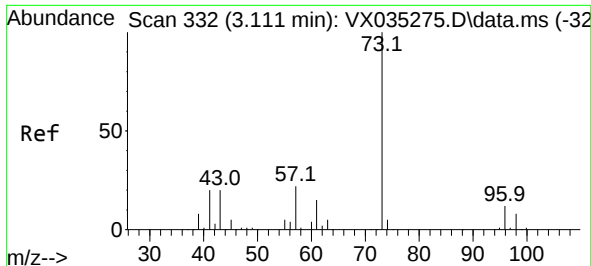
Tgt Ion: 43 Resp: 115721

Ion Ratio Lower Upper

43 100

74 24.2 18.3 27.5





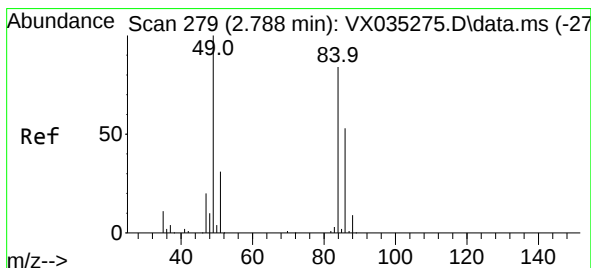
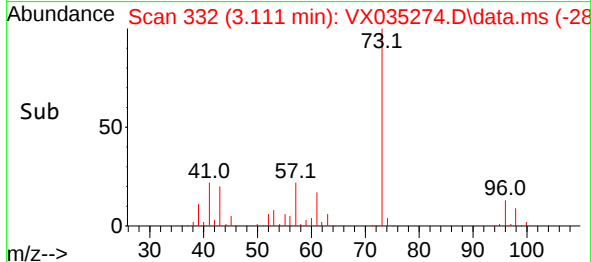
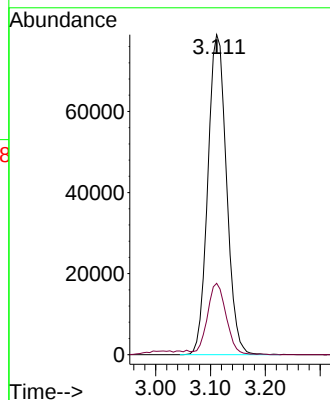
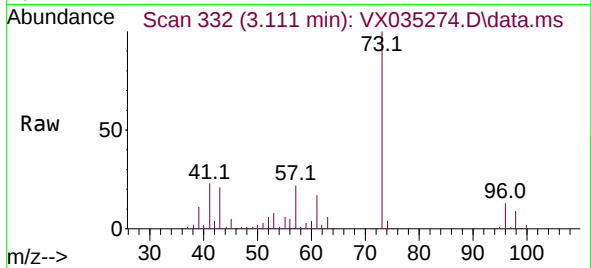
#19
Methyl tert-butyl Ether
Concen: 18.706 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 18626
Ion Ratio Lower Upper
73 100
57 22.3 18.5 27.7

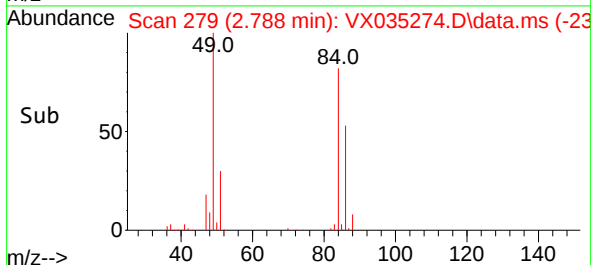
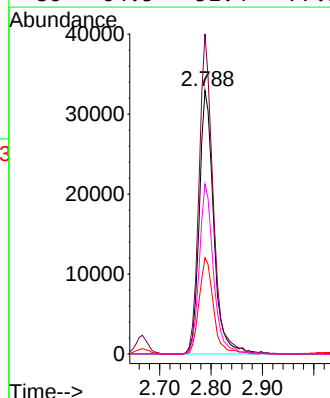
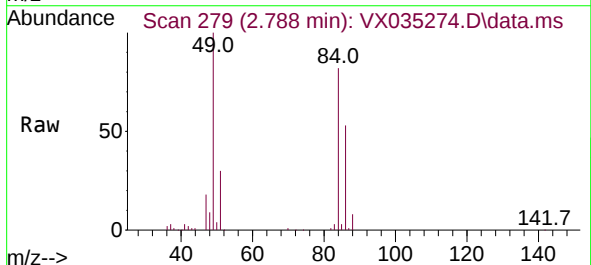
Manual Integrations
APPROVED

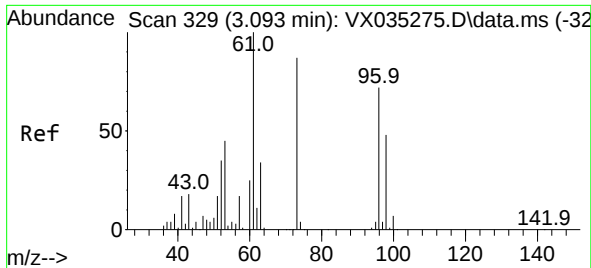
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 17.855 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion: 84 Resp: 64106
Ion Ratio Lower Upper
84 100
49 121.5 103.8 155.8
51 36.5 31.8 47.8
86 64.5 51.4 77.2





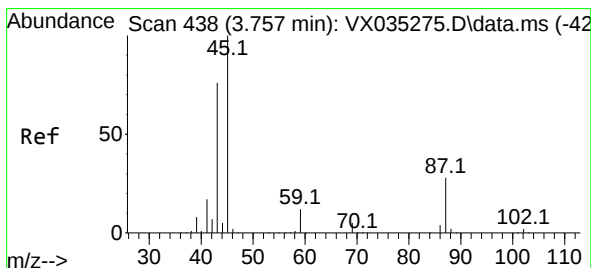
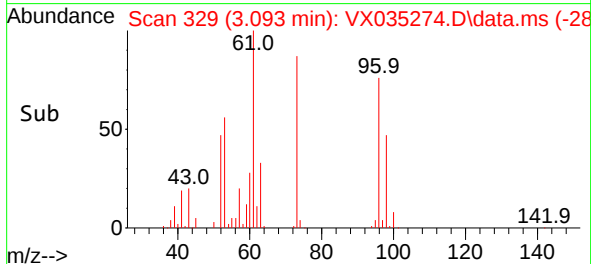
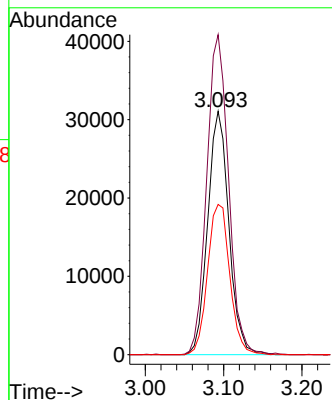
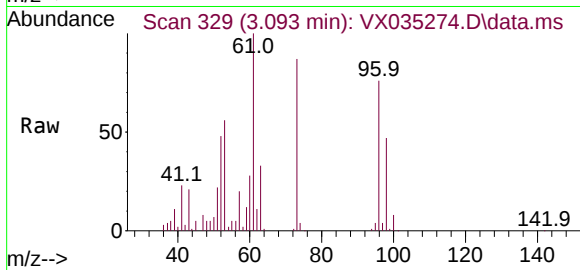
#21
trans-1,2-Dichloroethene
Concen: 18.503 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 58324
Ion Ratio Lower Upper
96 100
61 131.5 113.0 169.6
98 61.8 52.1 78.1

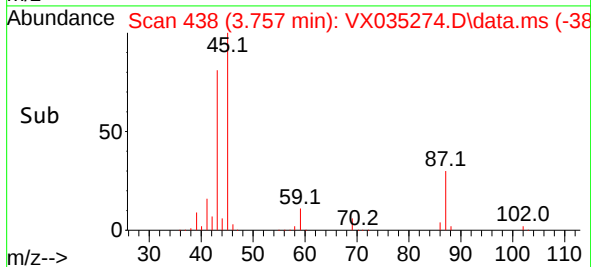
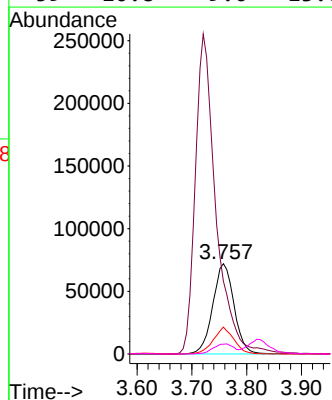
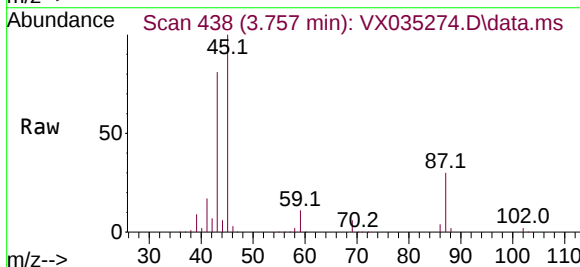
Manual Integrations
APPROVED

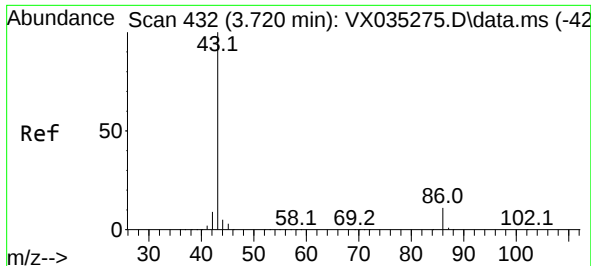
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#22
Diisopropyl ether
Concen: 19.142 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

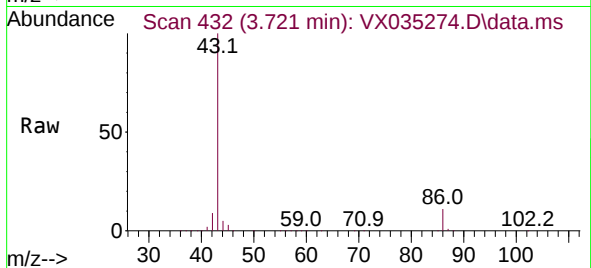
Tgt Ion: 45 Resp: 193471
Ion Ratio Lower Upper
45 100
43 79.4 65.4 98.2
87 29.8 20.6 31.0
59 10.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 96.520 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035274.D
 Acq: 25 Apr 2023 11:23

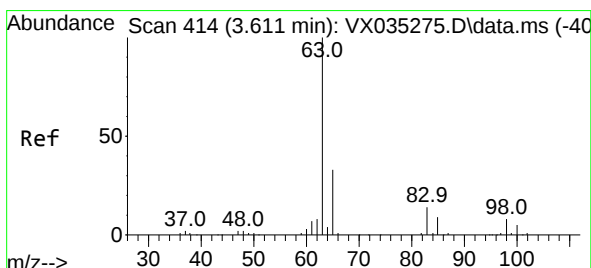
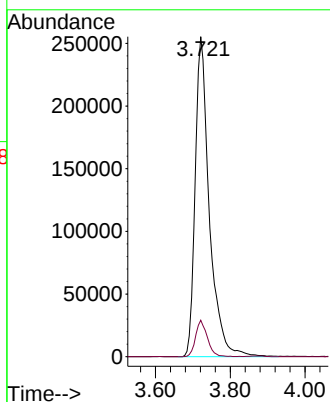
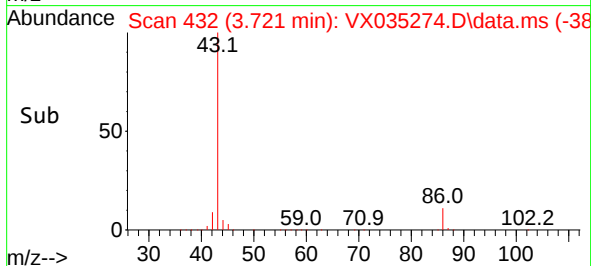
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



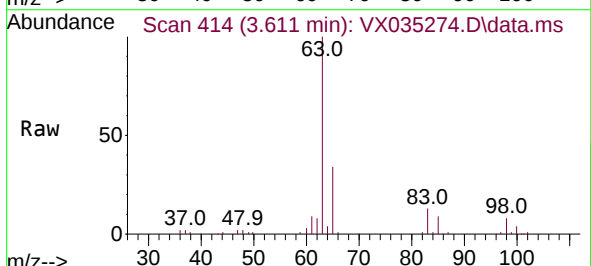
Tgt Ion: 43 Resp: 67056
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.5 12.7

Manual Integrations
 APPROVED

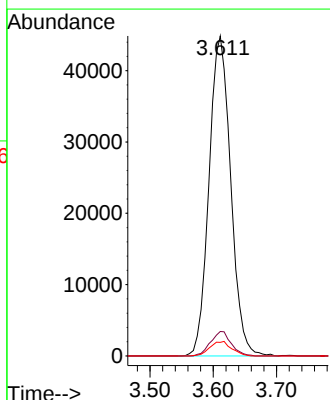
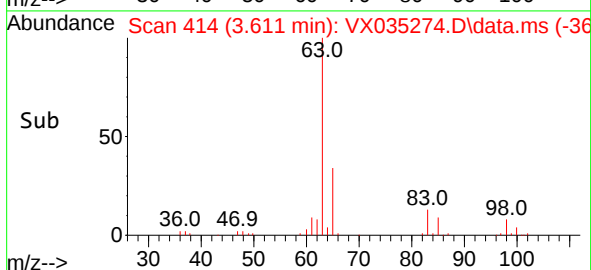
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023

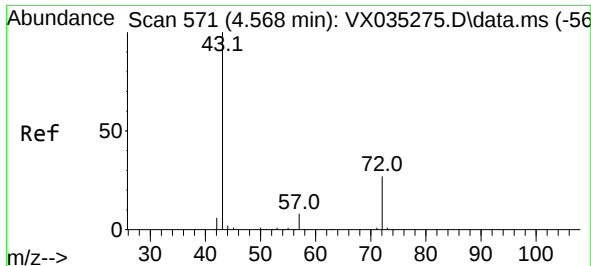


#24
 1,1-Dichloroethane
 Concen: 18.782 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035274.D
 Acq: 25 Apr 2023 11:23



Tgt Ion: 63 Resp: 106932
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.3 2.4 7.1





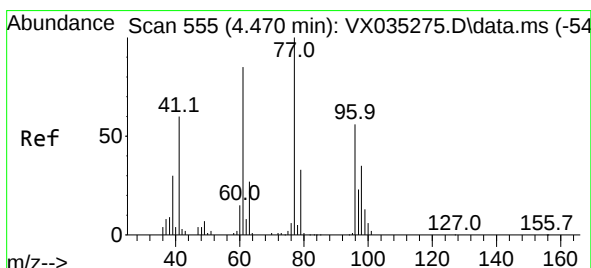
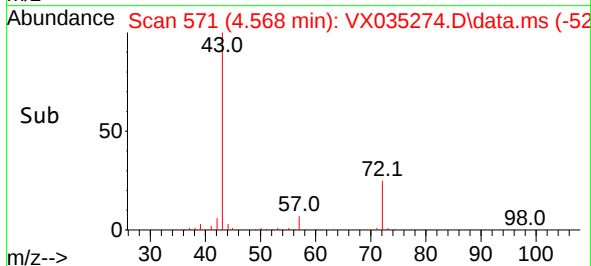
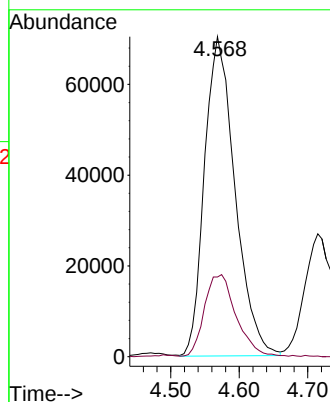
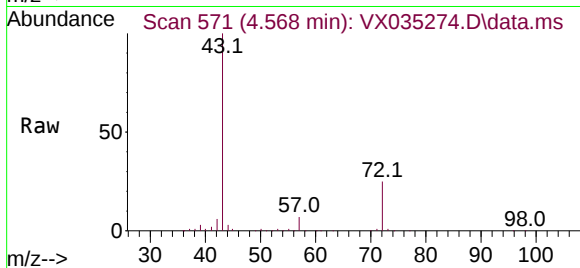
#25
2-Butanone
Concen: 95.433 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion: 43 Resp: 218090
Ion Ratio Lower Upper
43 100
72 24.8 19.3 28.9

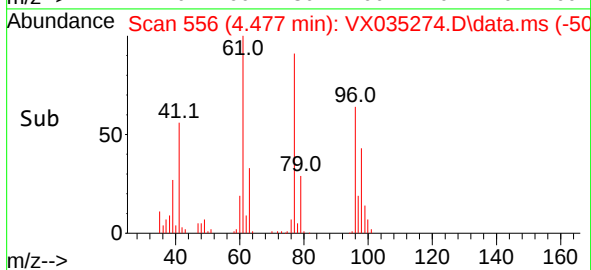
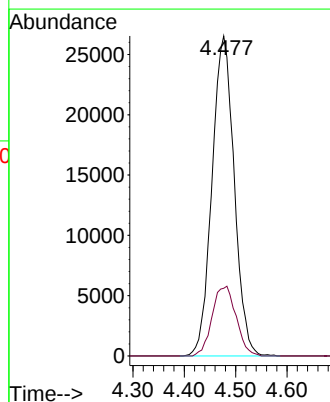
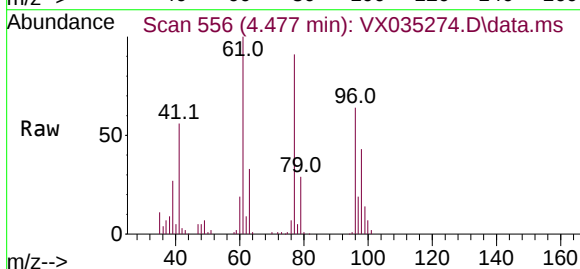
Manual Integrations
APPROVED

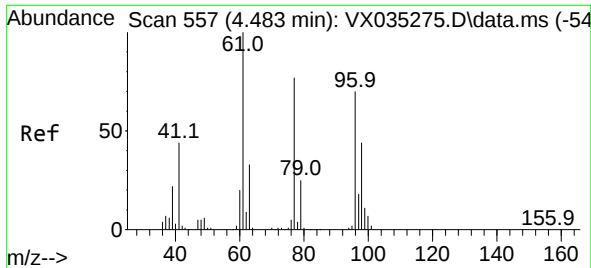
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#26
2,2-Dichloropropane
Concen: 17.854 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion: 77 Resp: 79633
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.363 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 68040

Ion Ratio Lower Upper

96 100

61 142.0 0.0 300.4

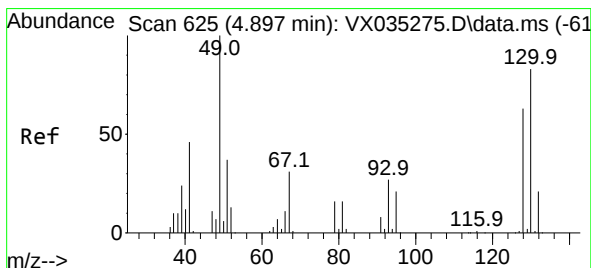
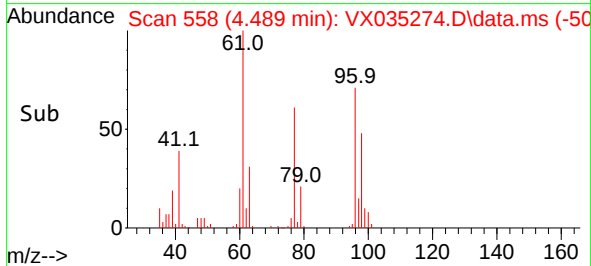
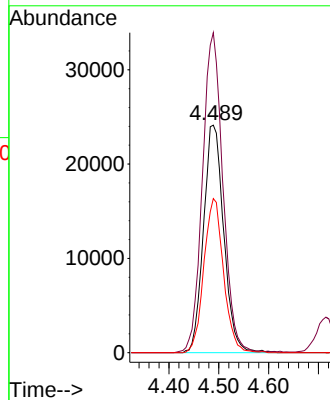
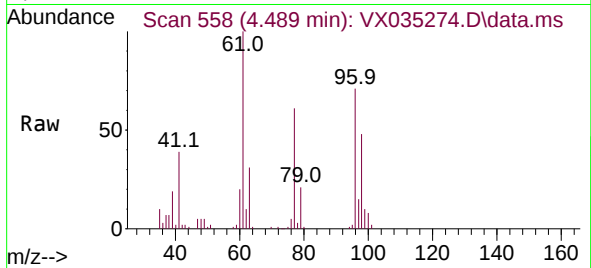
98 65.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#28

Bromochloromethane

Concen: 19.908 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

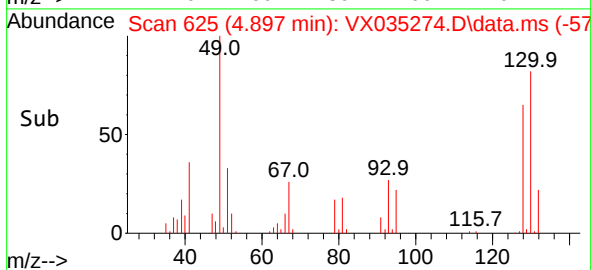
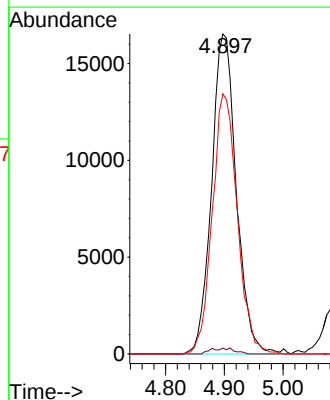
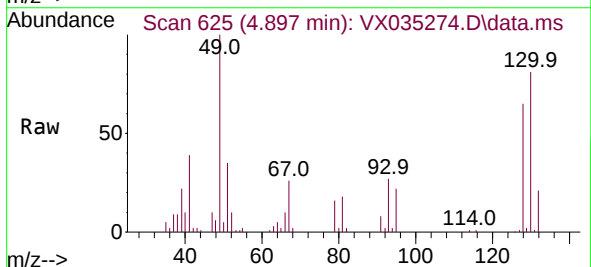
Tgt Ion: 49 Resp: 48299

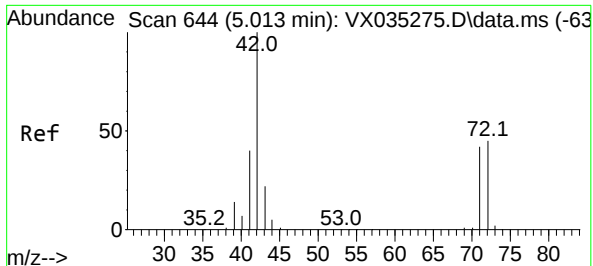
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 82.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 96.442 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 141260

Ion Ratio Lower Upper

42 100

72 45.2 34.5 51.7

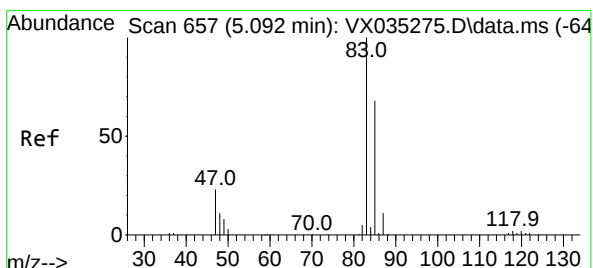
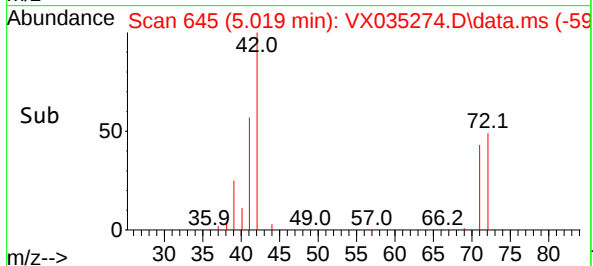
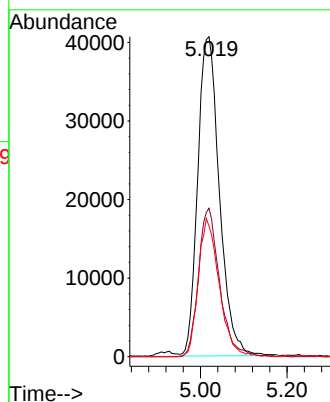
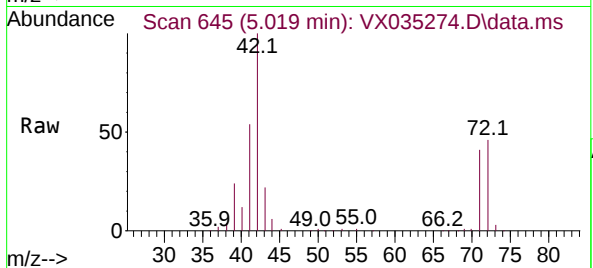
71 41.8 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

Chloroform

Concen: 19.226 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035274.D

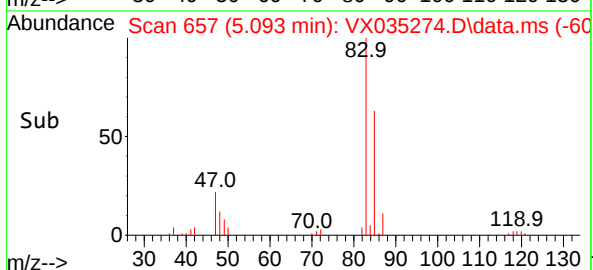
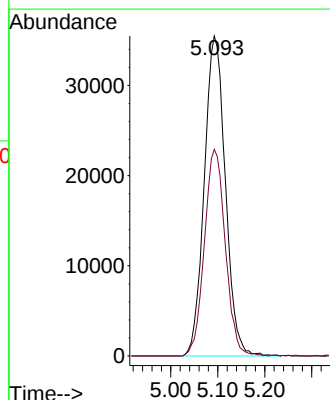
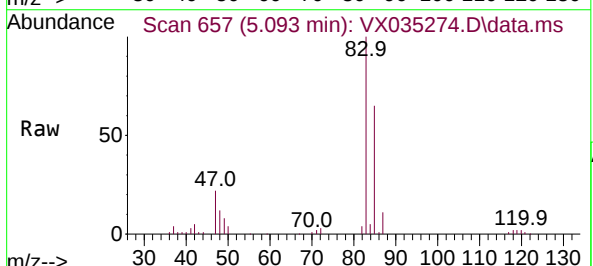
Acq: 25 Apr 2023 11:23

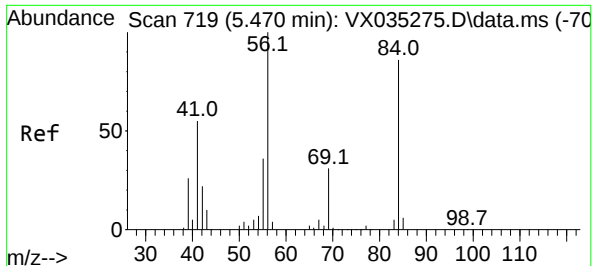
Tgt Ion: 83 Resp: 110495

Ion Ratio Lower Upper

83 100

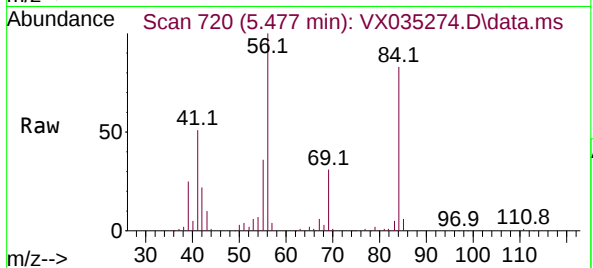
85 64.6 50.6 76.0





#31
Cyclohexane
Concen: 19.447 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

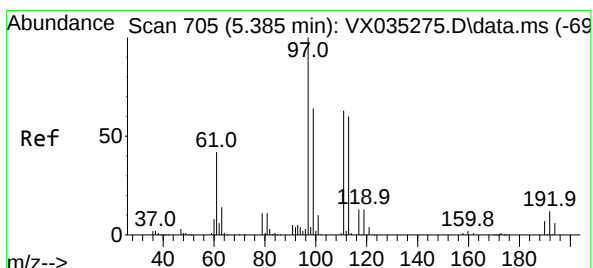
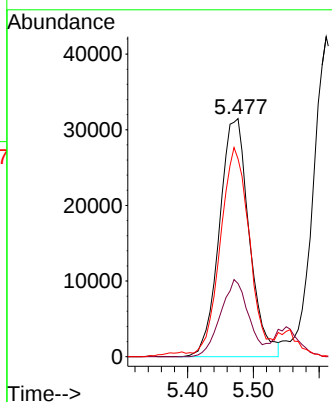
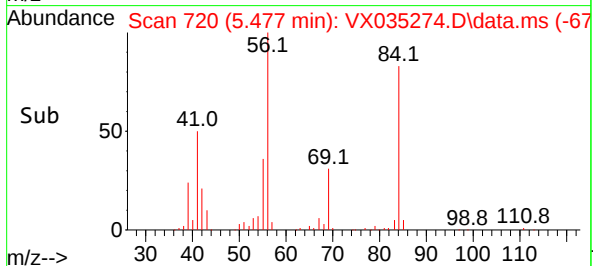
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 9945
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 81.4 68.5 102.7

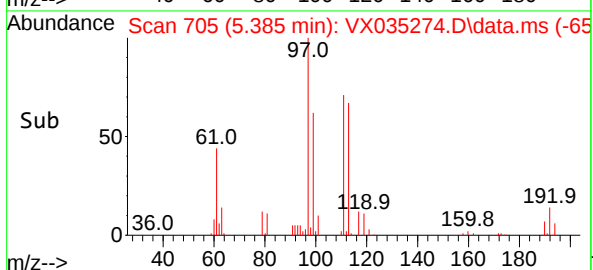
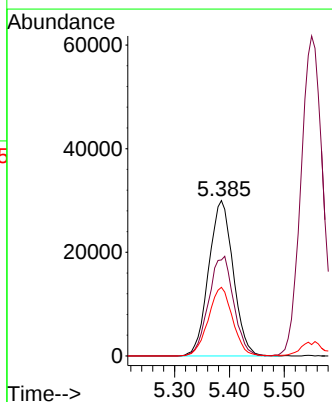
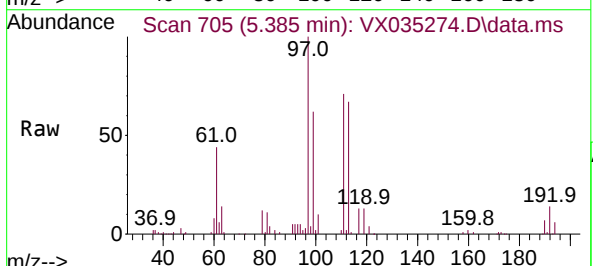
Manual Integrations
APPROVED

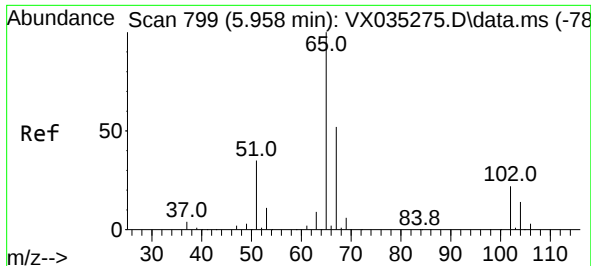
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#32
1,1,1-Trichloroethane
Concen: 18.464 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion: 97 Resp: 92999
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 43.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 20.312 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 73228

Ion Ratio Lower Upper

65 100

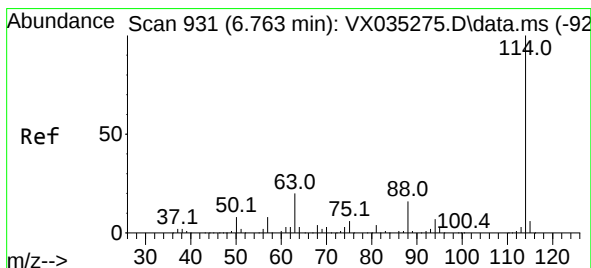
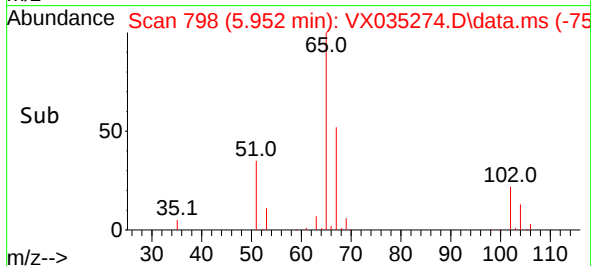
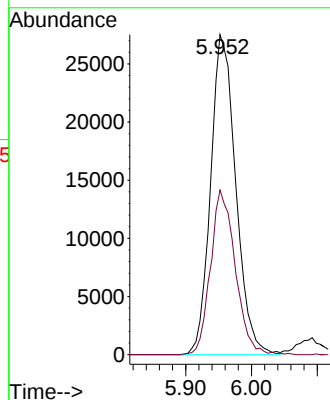
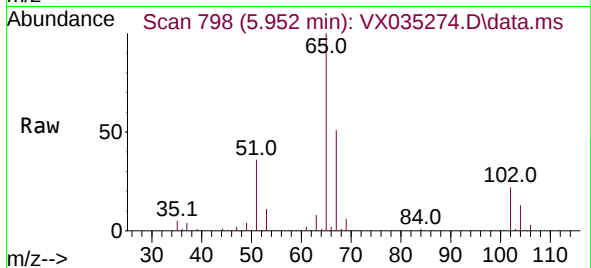
67 50.6 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

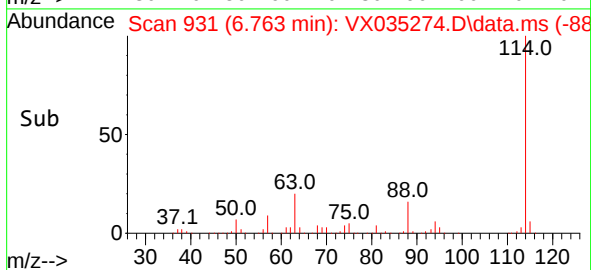
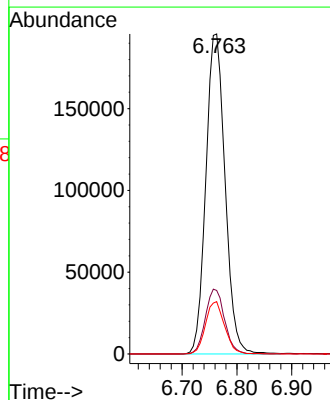
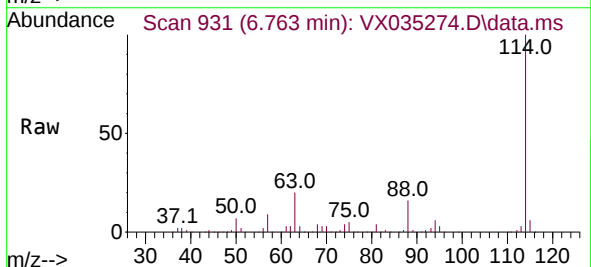
Tgt Ion:114 Resp: 474655

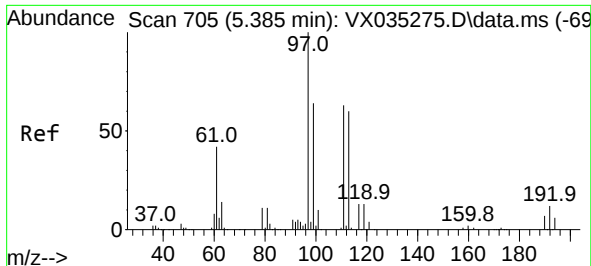
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

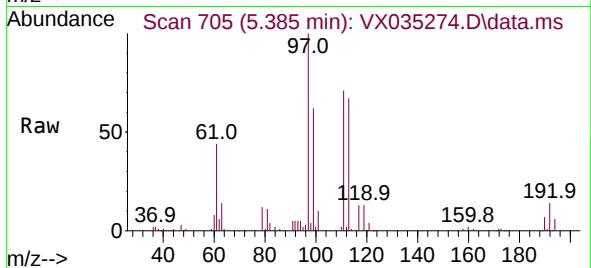
88 16.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 20.149 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

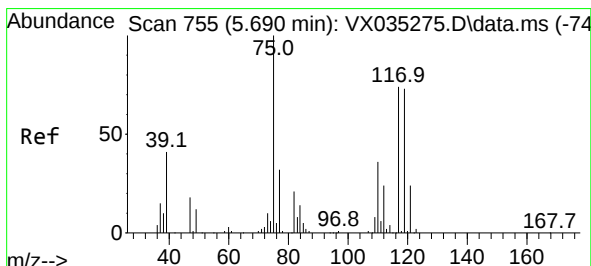
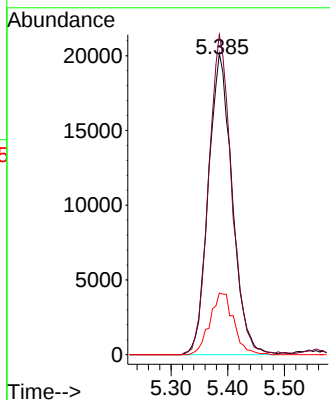
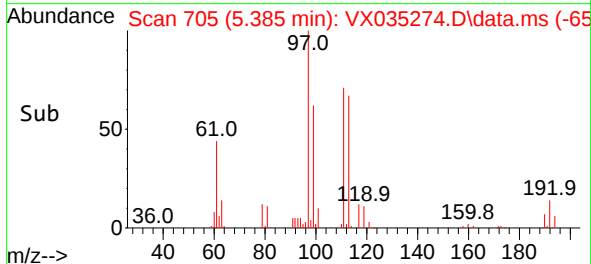
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



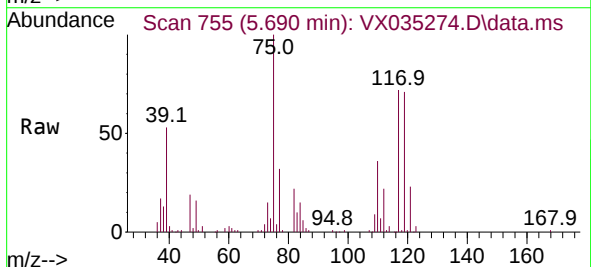
Tgt Ion: 113 Resp: 58700
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 20.5 15.4 23.2

Manual Integrations
APPROVED

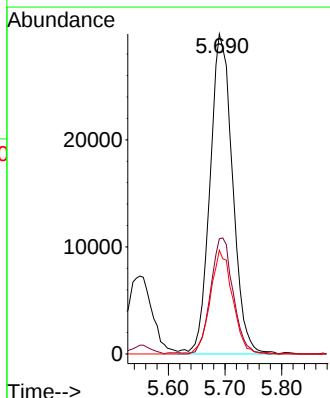
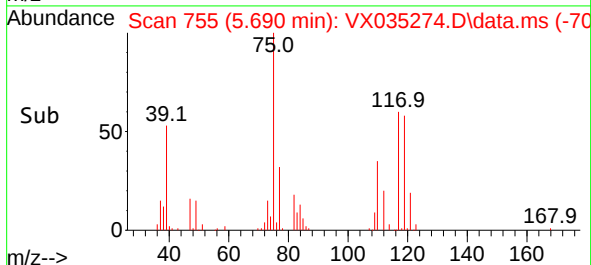
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

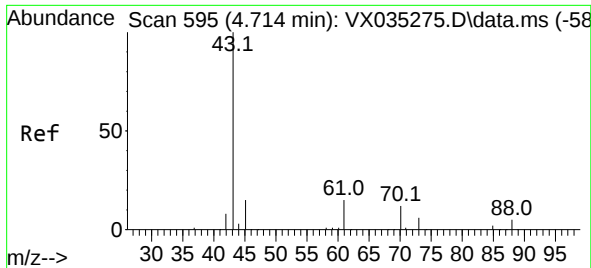


#36
1,1-Dichloropropene
Concen: 18.184 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



Tgt Ion: 75 Resp: 82718
Ion Ratio Lower Upper
75 100
110 36.1 17.5 52.5
77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 18.774 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 79220

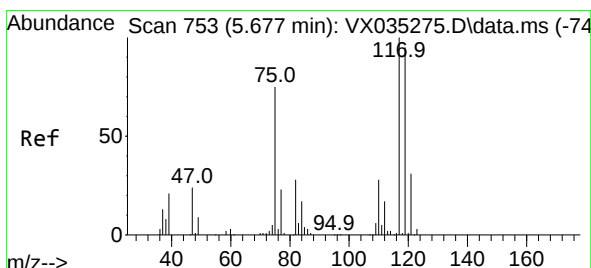
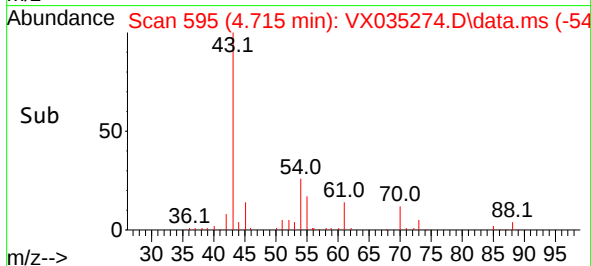
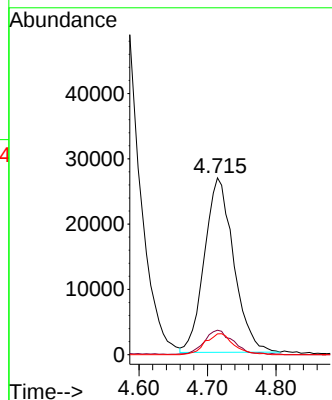
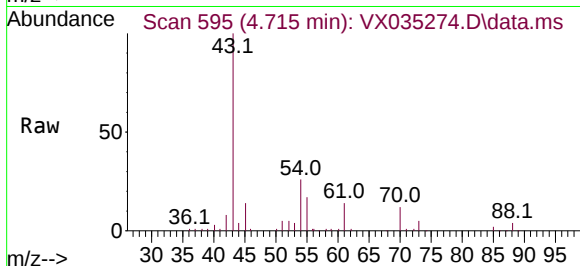
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	11.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#38

Carbon Tetrachloride

Concen: 18.844 ug/l

RT: 5.678 min Scan# 753

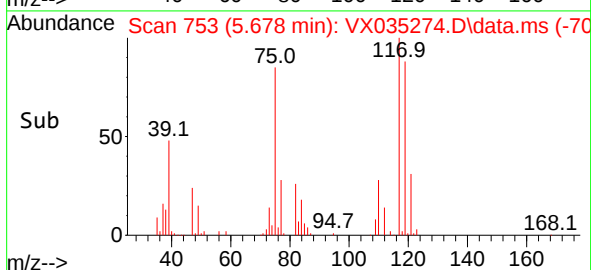
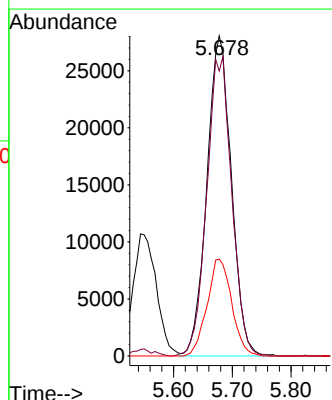
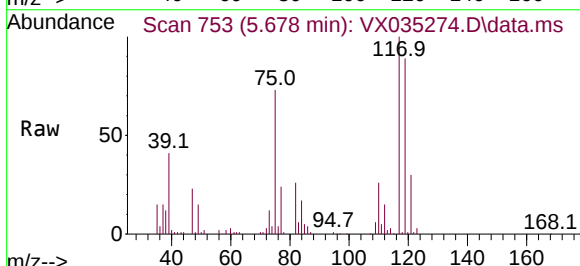
Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Tgt Ion:117 Resp: 81374

Ion	Ratio	Lower	Upper
117	100		
119	89.1	76.6	114.8
121	30.3	23.8	35.6





#39

Methylcyclohexane

Concen: 18.843 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 10433

Ion Ratio Lower Upper

83 100

55 74.9 60.5 90.7

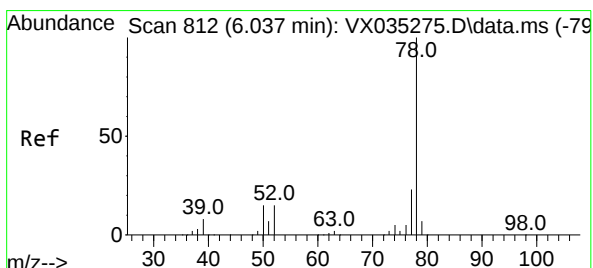
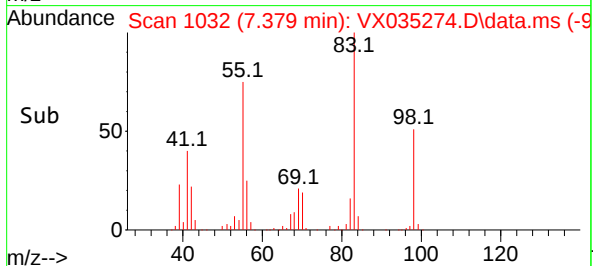
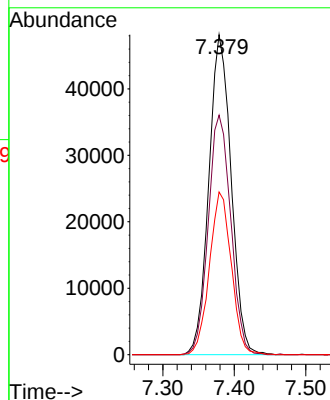
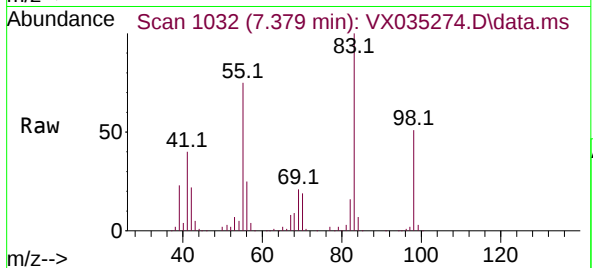
98 50.8 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

Benzene

Concen: 19.109 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035274.D

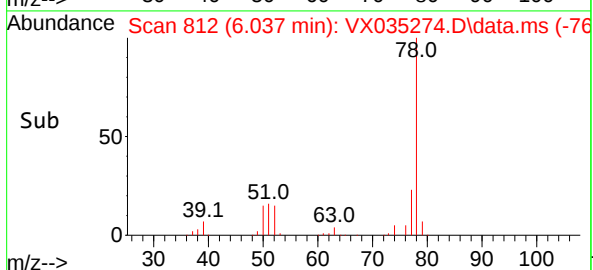
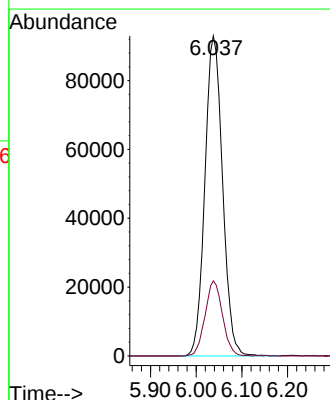
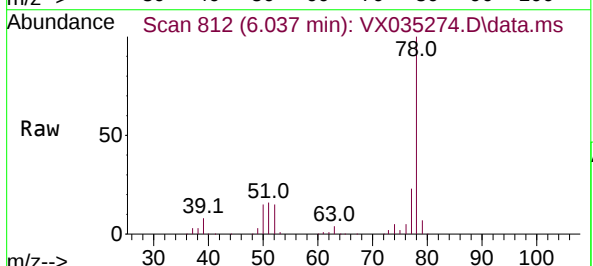
Acq: 25 Apr 2023 11:23

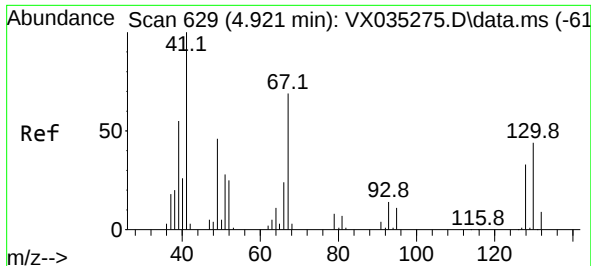
Tgt Ion: 78 Resp: 249362

Ion Ratio Lower Upper

78 100

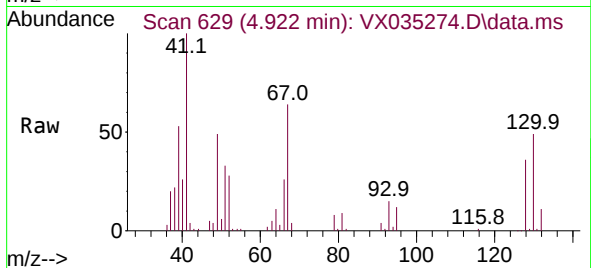
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 19.646 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

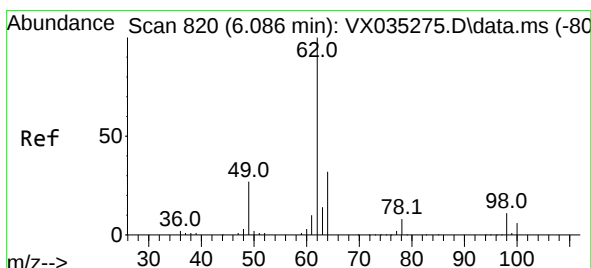
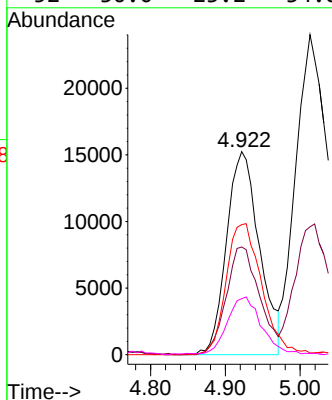
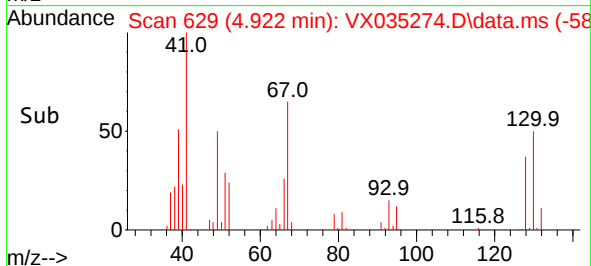
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:	41	Resp:	46770
Ion Ratio	100	Lower	Upper
39	53.6	45.0	67.6
67	69.6	55.6	83.4
52	30.0	23.2	34.8

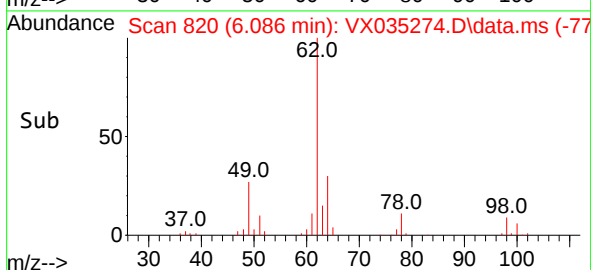
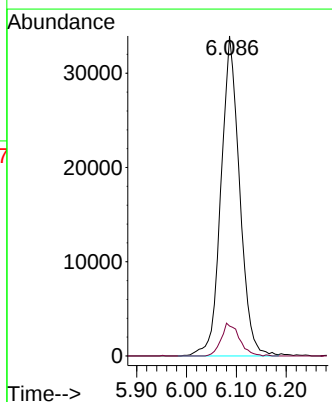
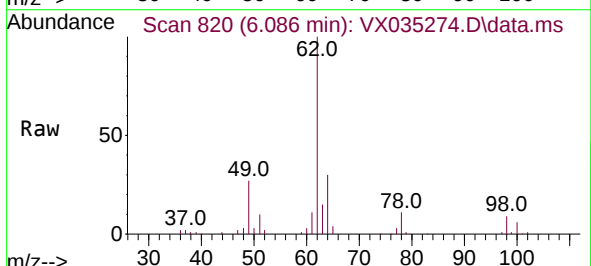
Manual Integrations
APPROVED

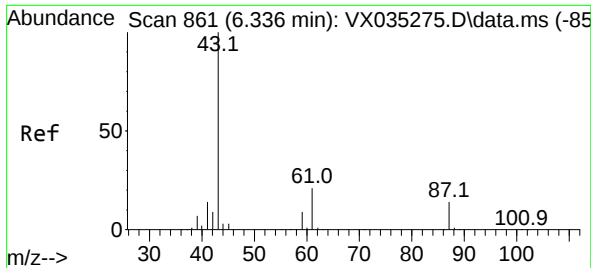
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#42
1,2-Dichloroethane
Concen: 18.923 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

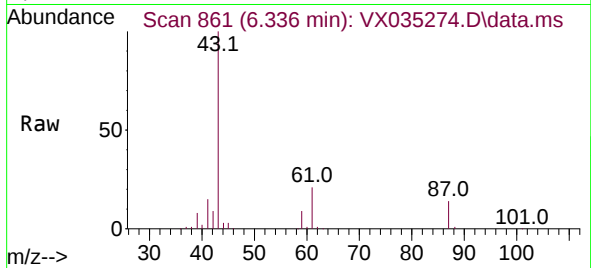
Tgt Ion:	62	Resp:	88042
Ion Ratio	100	Lower	Upper
98	10.0	0.0	18.0





#43
Isopropyl Acetate
Concen: 18.951 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

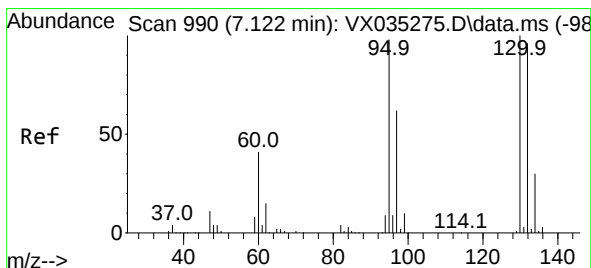
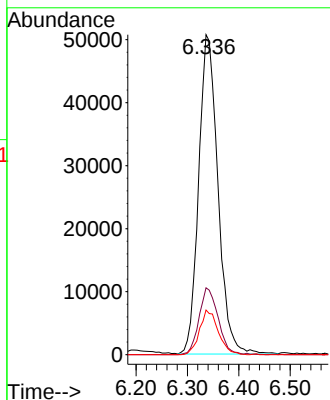
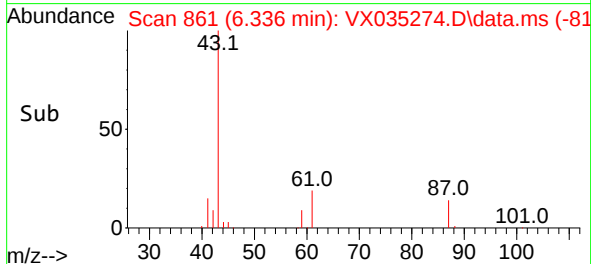
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020



Tgt Ion: 43 Resp: 13230
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 13.5 9.8 14.8

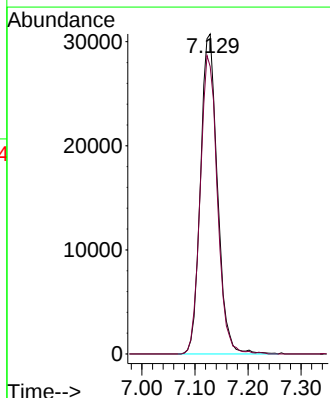
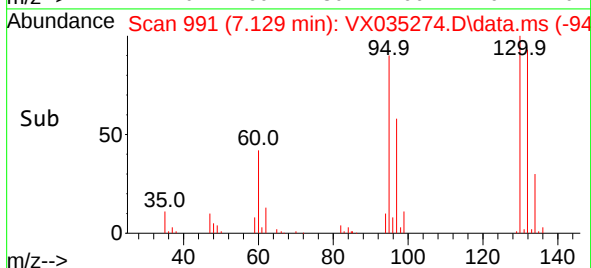
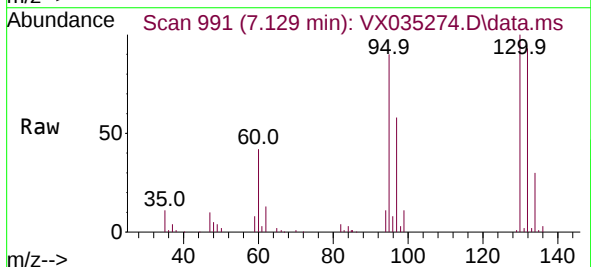
Manual Integrations
APPROVED

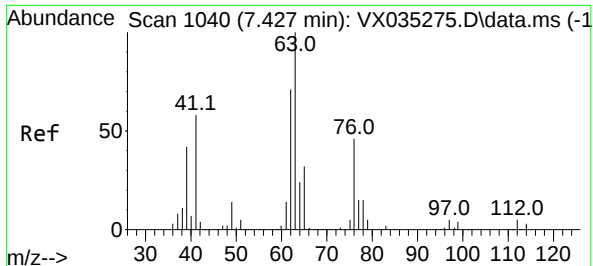
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#44
Trichloroethene
Concen: 18.930 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion:130 Resp: 68049
Ion Ratio Lower Upper
130 100
95 89.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 18.753 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 61694

Ion Ratio Lower Upper

63 100

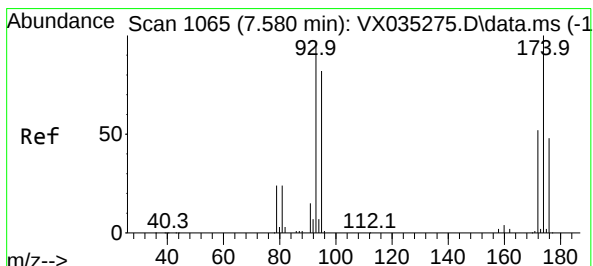
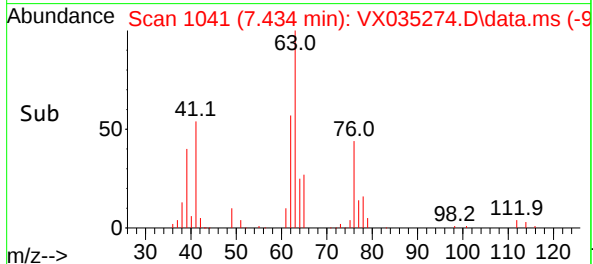
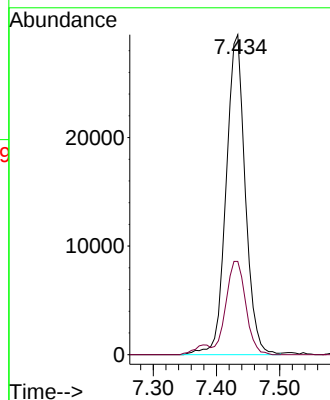
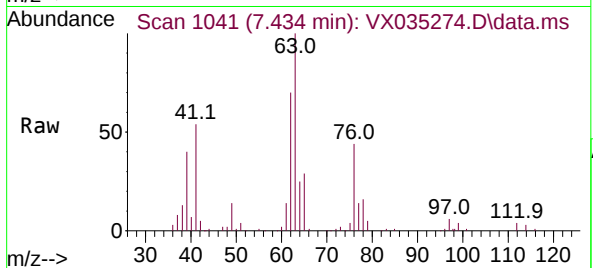
65 29.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#46

Dibromomethane

Concen: 18.306 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

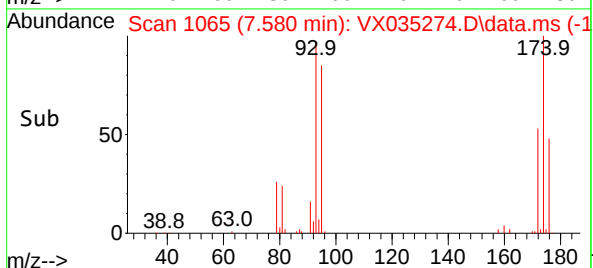
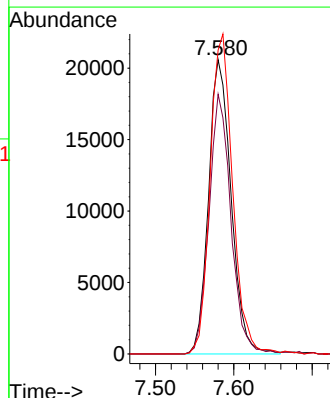
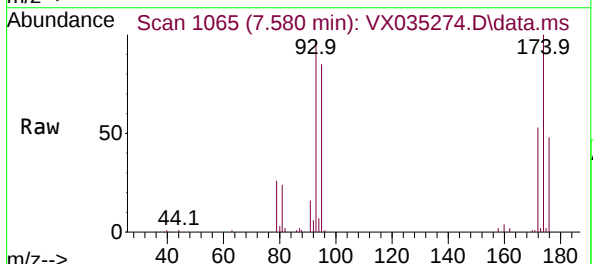
Tgt Ion: 93 Resp: 41357

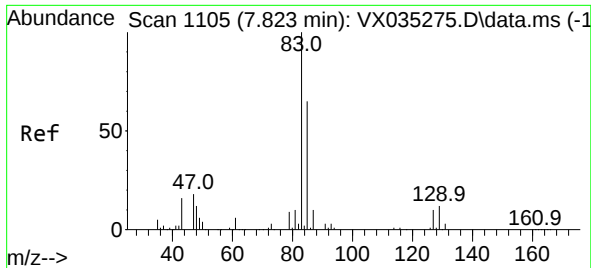
Ion Ratio Lower Upper

93 100

95 85.5 66.9 100.3

174 107.9 75.4 113.0





#47
Bromodichloromethane
Concen: 18.510 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

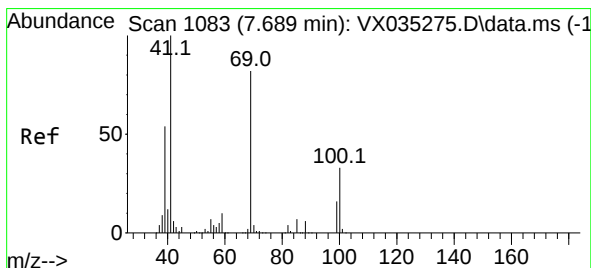
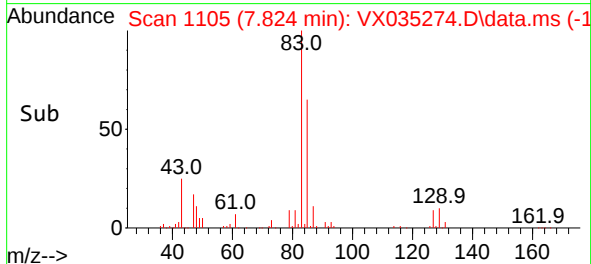
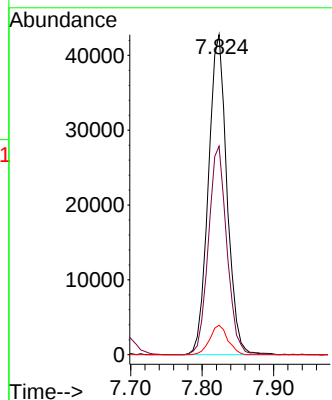
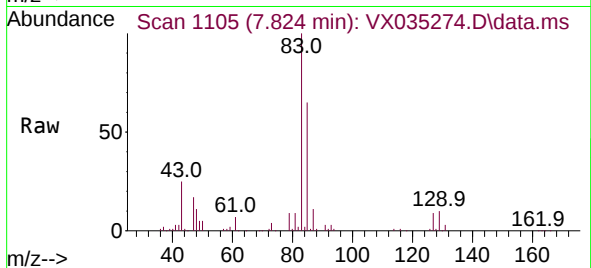
VSTDICC020

Tgt Ion: 83 Resp: 77048
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.4
127 9.2 6.6 9.8

Manual Integrations

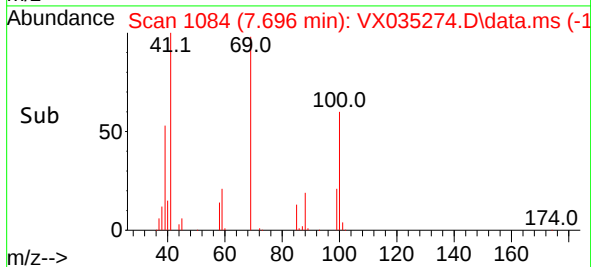
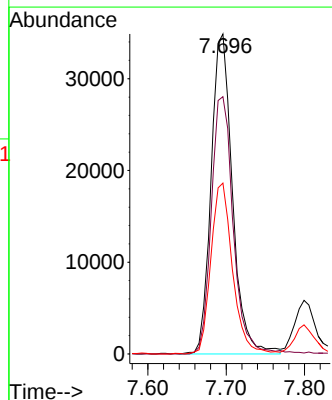
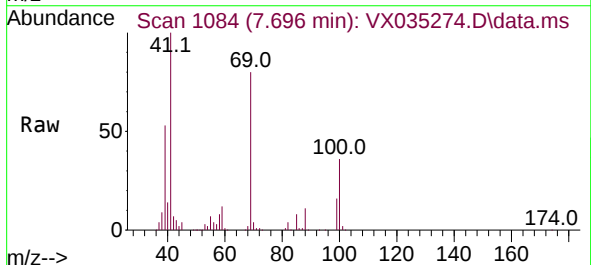
APPROVED

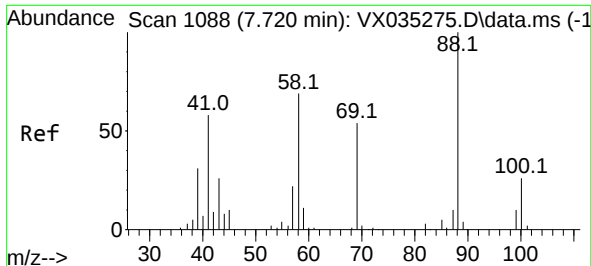
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#48
Methyl methacrylate
Concen: 19.297 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion: 41 Resp: 66083
Ion Ratio Lower Upper
41 100
69 82.7 62.2 93.4
39 53.8 47.7 71.5





#49

1,4-Dioxane

Concen: 386.604 ug/l

RT: 7.726 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 3227

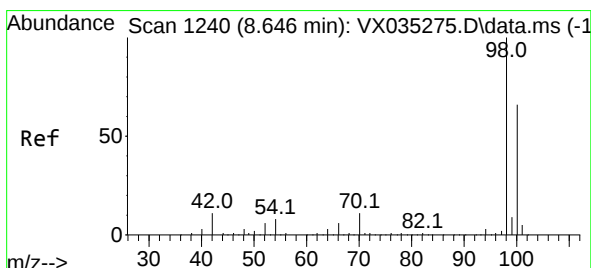
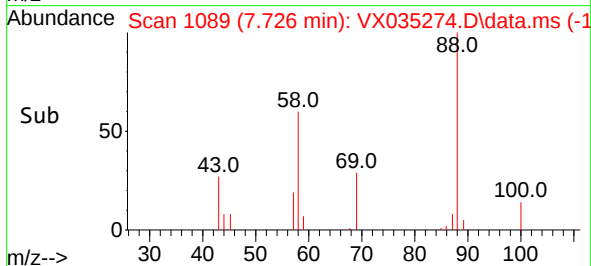
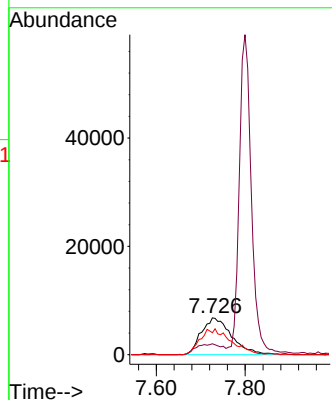
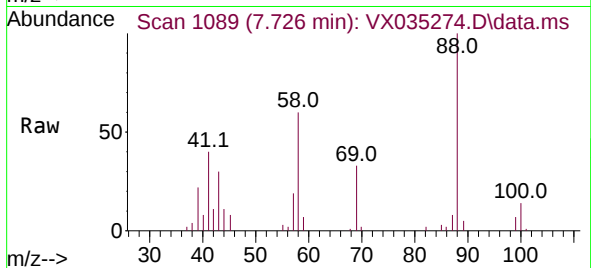
Ion	Ratio	Lower	Upper
88	100		
43	24.8	27.7	41.5
58	71.4	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#50

Toluene-d8

Concen: 20.572 ug/l

RT: 8.647 min Scan# 1240

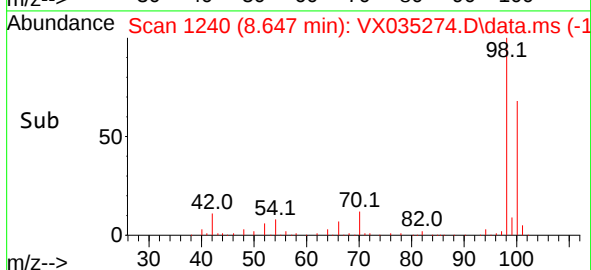
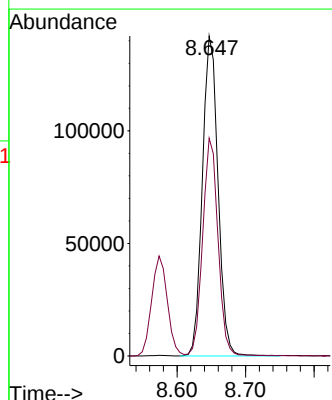
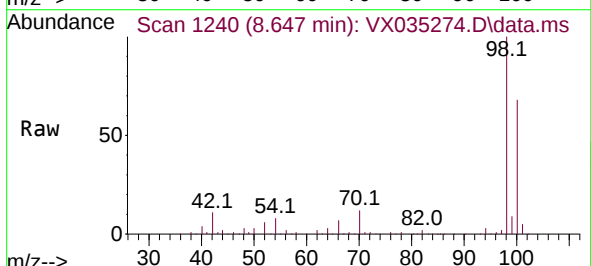
Delta R.T. 0.000 min

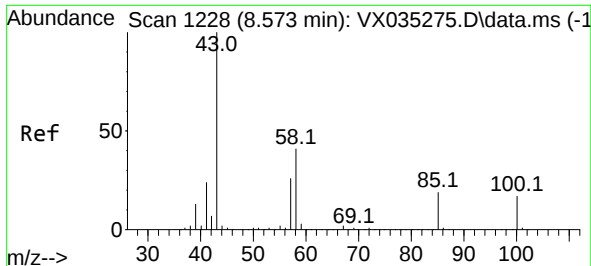
Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Tgt Ion: 98 Resp: 226083

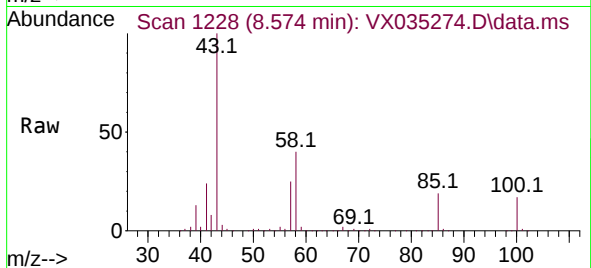
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 97.098 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

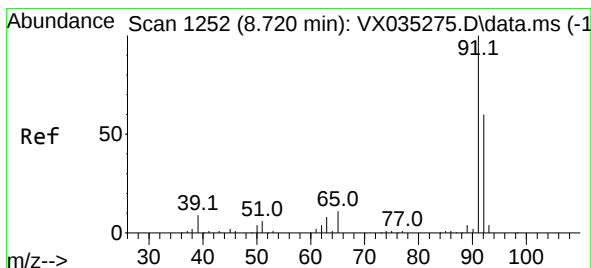
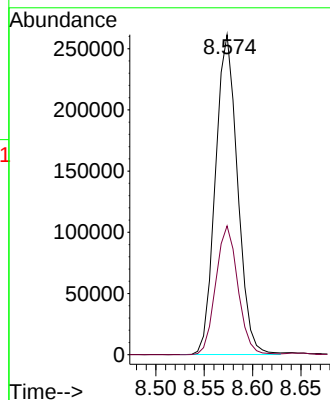
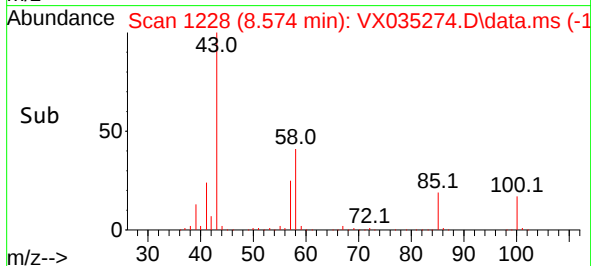
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 41645
Ion Ratio Lower Upper
43 100
58 40.1 30.6 46.0

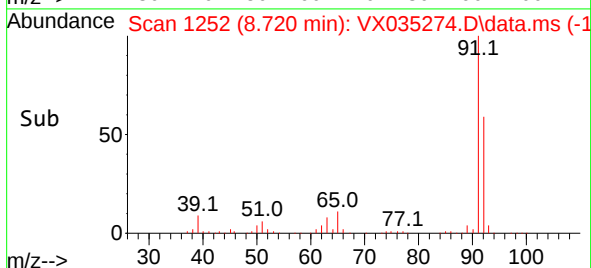
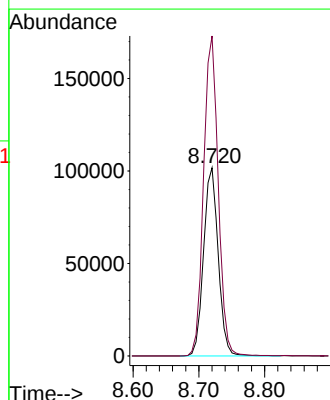
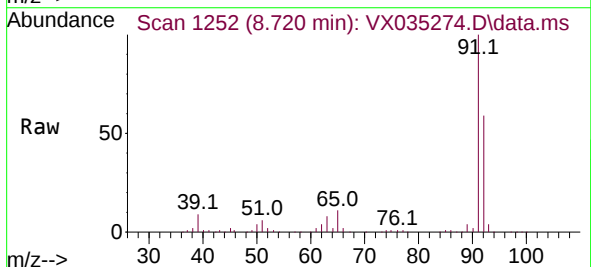
Manual Integrations
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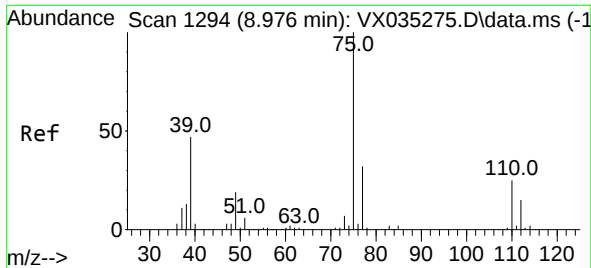
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#52
Toluene
Concen: 19.035 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

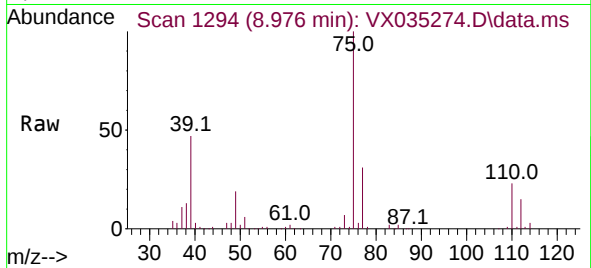
Tgt Ion: 92 Resp: 157450
Ion Ratio Lower Upper
92 100
91 169.9 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 18.937 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

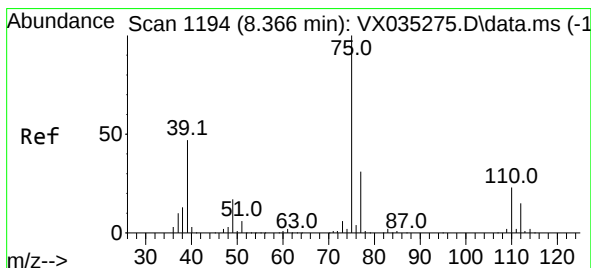
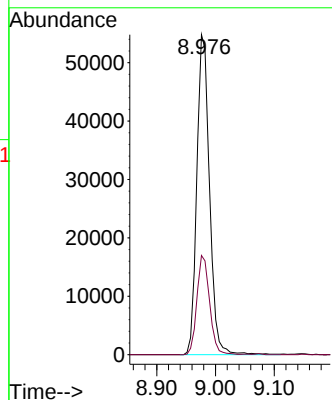
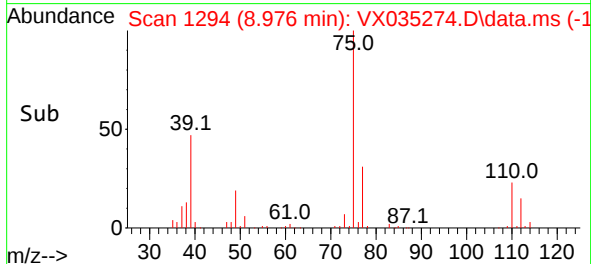
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



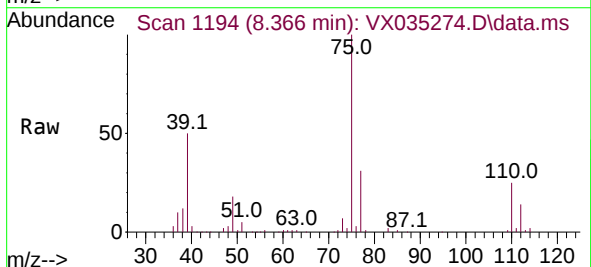
Tgt Ion: 75 Resp: 8232
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

Manual Integrations
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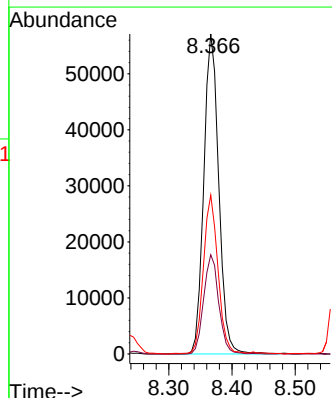
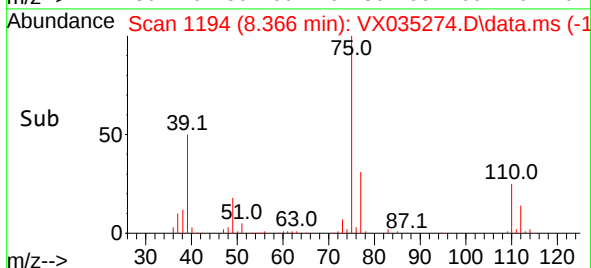
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

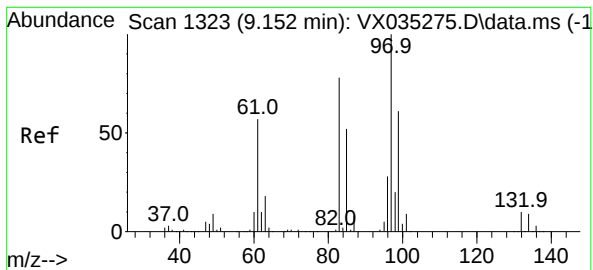


#54
cis-1,3-Dichloropropene
Concen: 19.169 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



Tgt Ion: 75 Resp: 94187
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4
39 49.5 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 18.762 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 6186

Ion Ratio Lower Upper

97 100

83 82.0 69.7 104.5

85 53.3 43.7 65.5

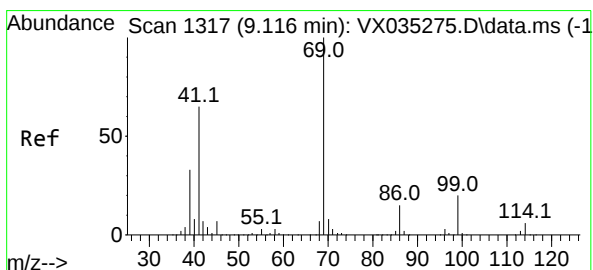
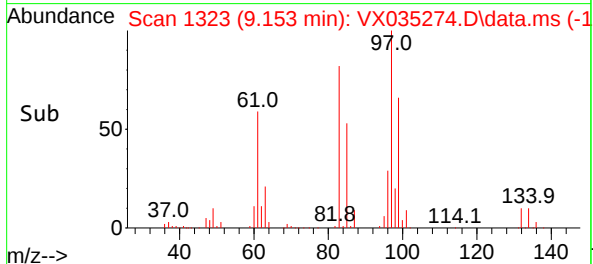
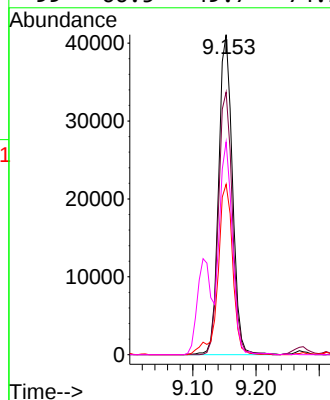
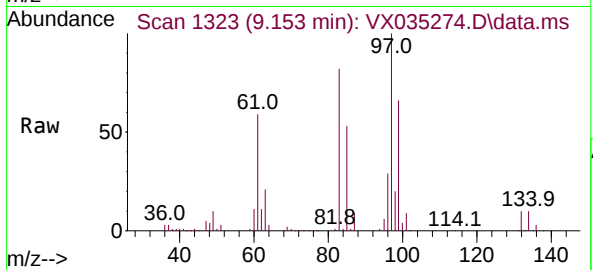
99 66.5 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#56

Ethyl methacrylate

Concen: 19.191 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

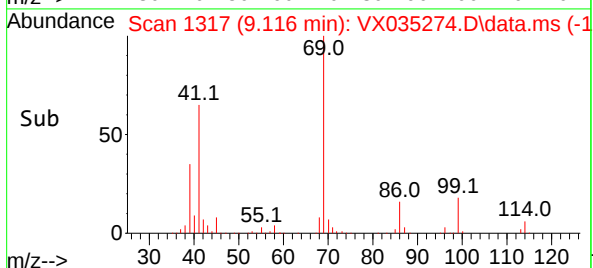
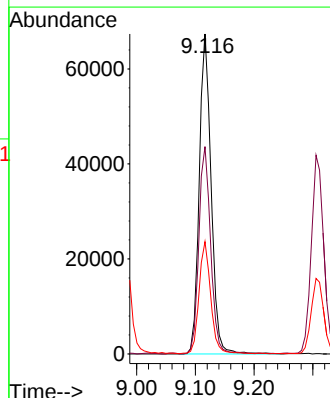
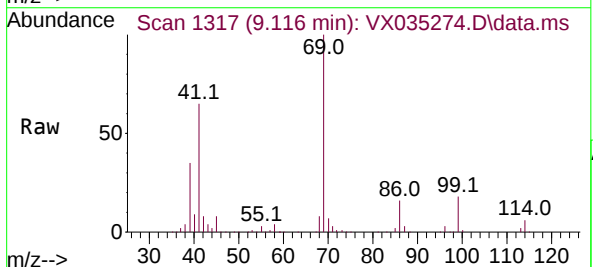
Tgt Ion: 69 Resp: 94269

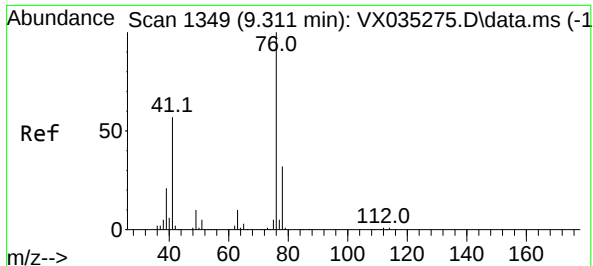
Ion Ratio Lower Upper

69 100

41 65.1 57.4 86.0

39 34.4 33.7 50.5





#57

1,3-Dichloropropane

Concen: 18.580 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 10479

Ion Ratio Lower Upper

76 100

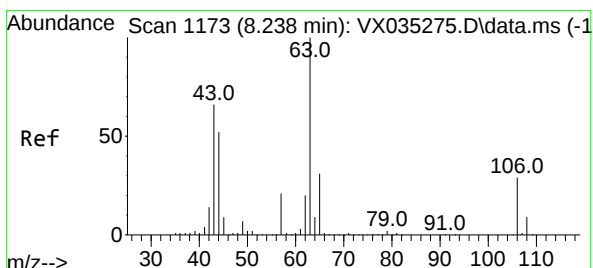
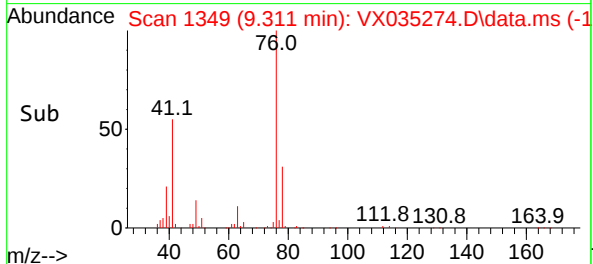
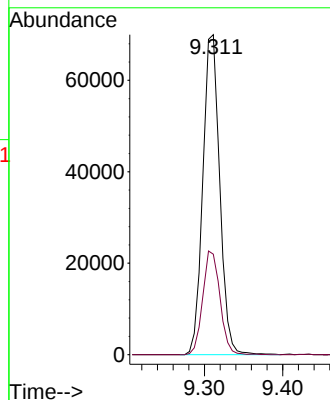
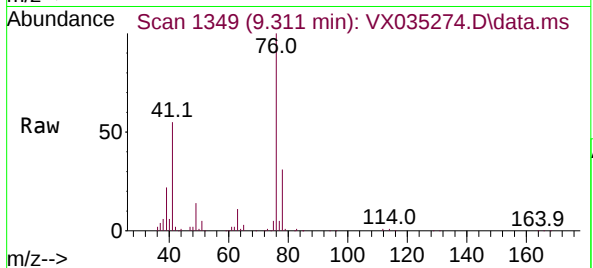
78 33.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 104.220 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035274.D

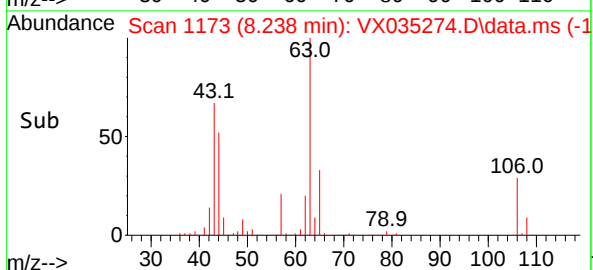
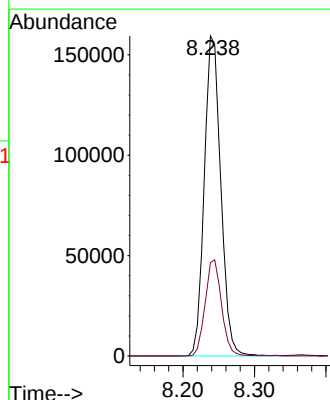
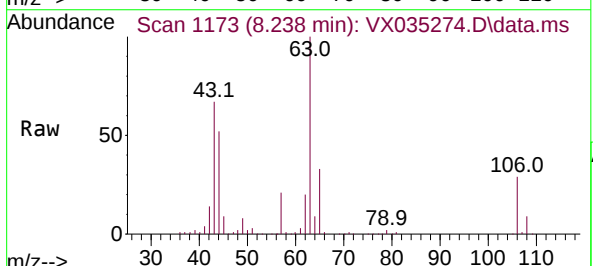
Acq: 25 Apr 2023 11:23

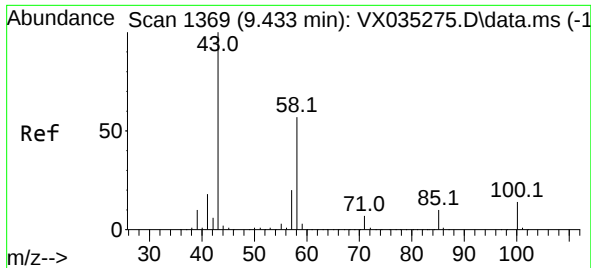
Tgt Ion: 63 Resp: 255980

Ion Ratio Lower Upper

63 100

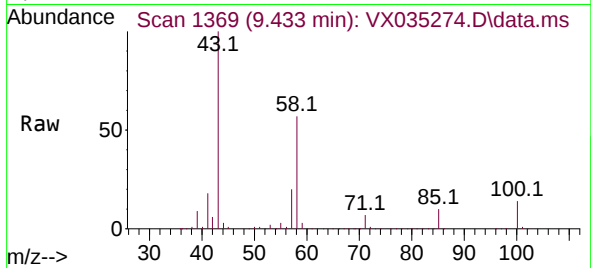
106 29.8 22.2 33.2





#59
2-Hexanone
Concen: 97.858 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

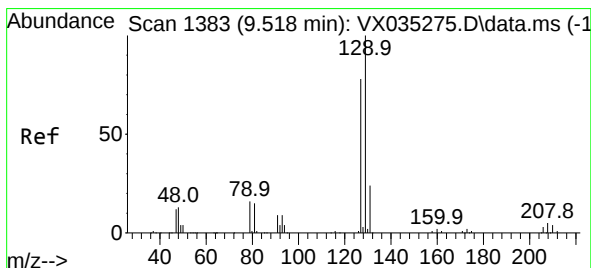
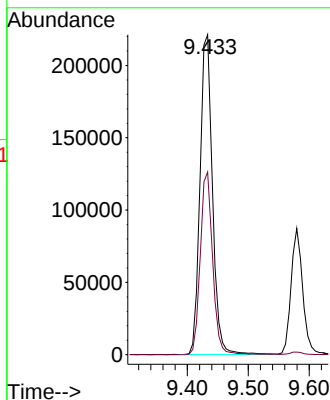
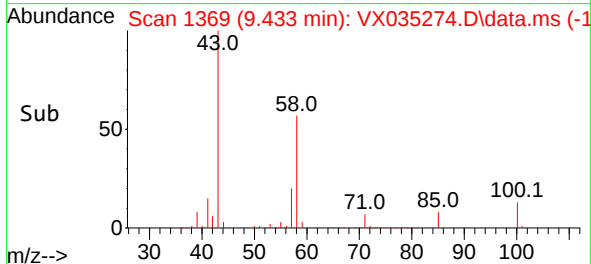
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



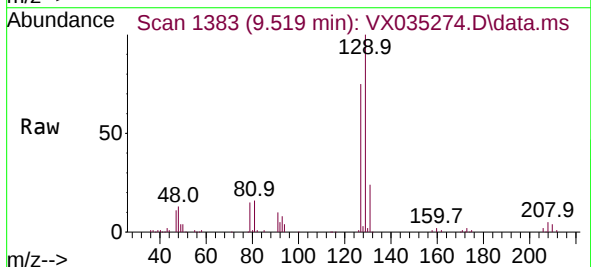
Tgt Ion: 43 Resp: 315309
Ion Ratio Lower Upper
43 100
58 56.6 26.3 78.9

Manual Integrations
APPROVED

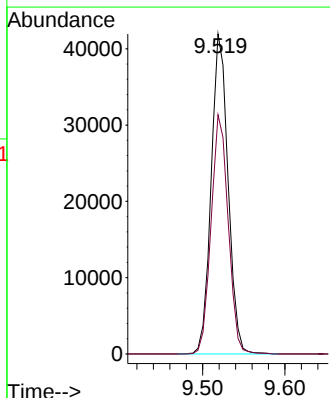
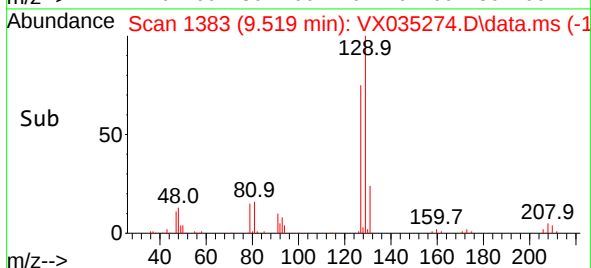
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

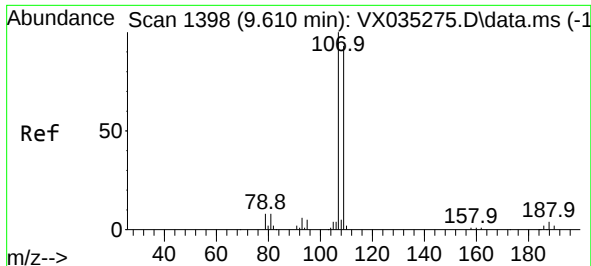


#60
Dibromochloromethane
Concen: 18.957 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



Tgt Ion:129 Resp: 59891
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0





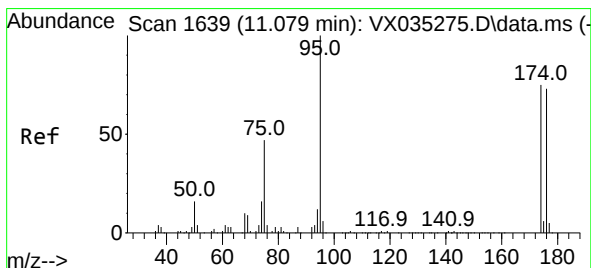
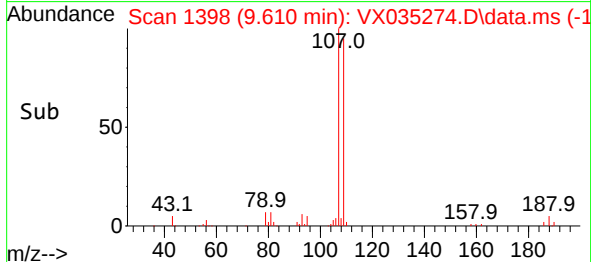
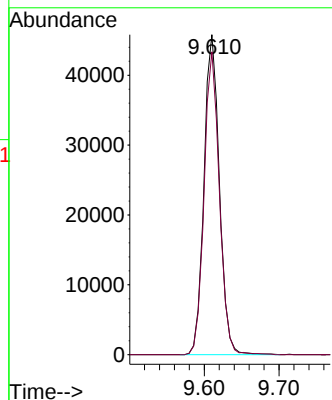
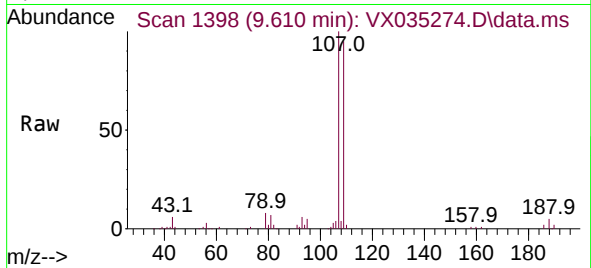
#61
1,2-Dibromoethane
Concen: 19.269 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 6550
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

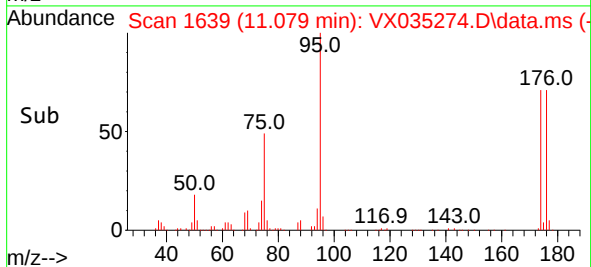
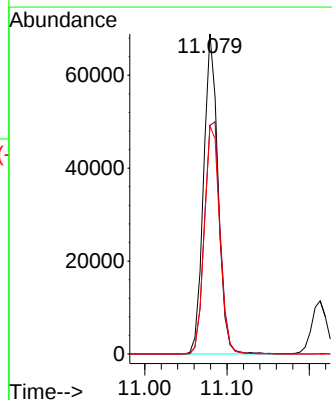
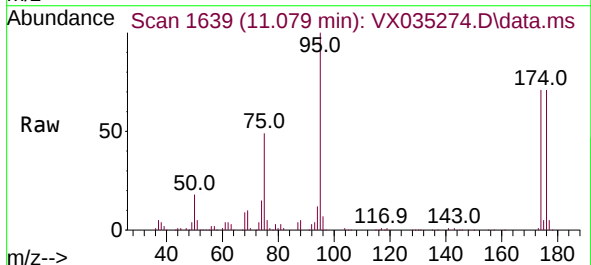
Manual Integrations
APPROVED

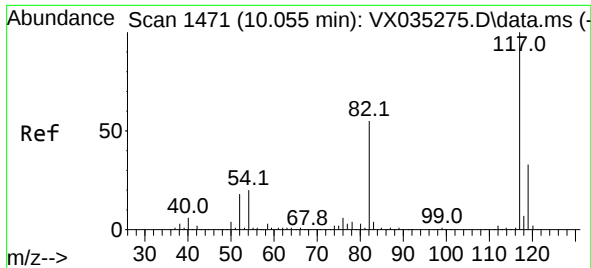
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#62
4-Bromofluorobenzene
Concen: 20.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

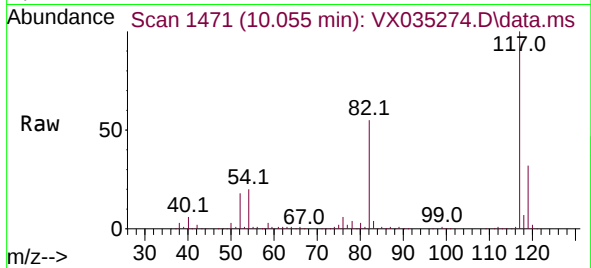
Tgt Ion: 95 Resp: 83870
Ion Ratio Lower Upper
95 100
174 79.2 0.0 147.4
176 76.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

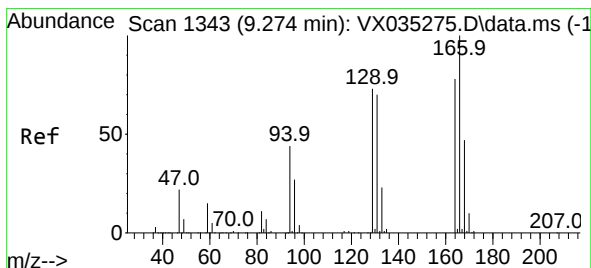
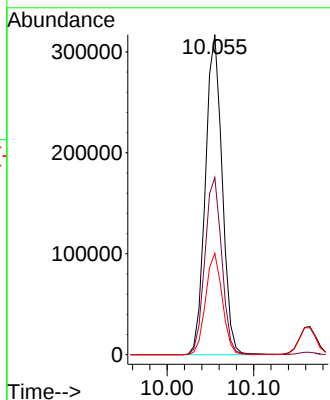
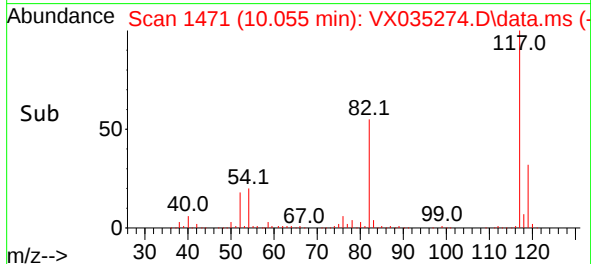
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 425804
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.7 26.0 39.0

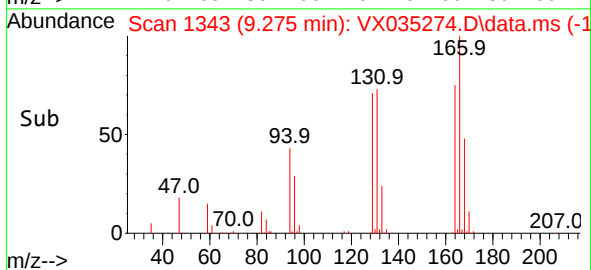
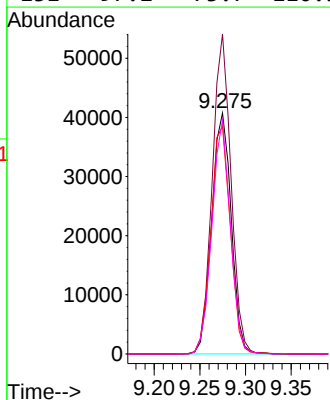
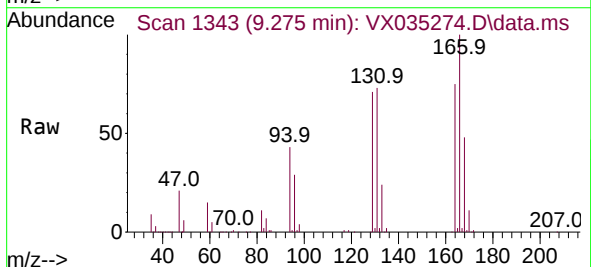
Manual Integrations
APPROVED

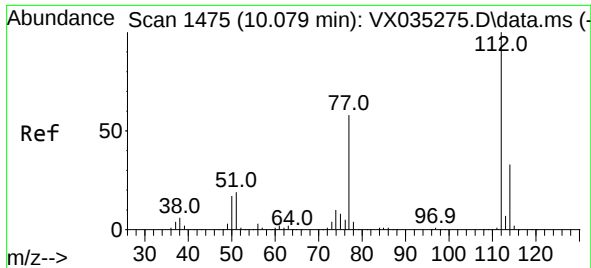
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#64
Tetrachloroethene
Concen: 18.594 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion:164 Resp: 60622
Ion Ratio Lower Upper
164 100
166 132.8 102.7 154.1
129 94.4 75.6 113.4
131 97.2 73.7 110.5





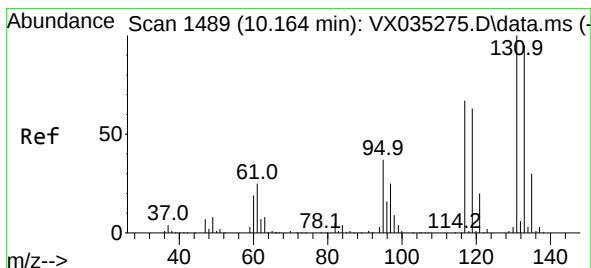
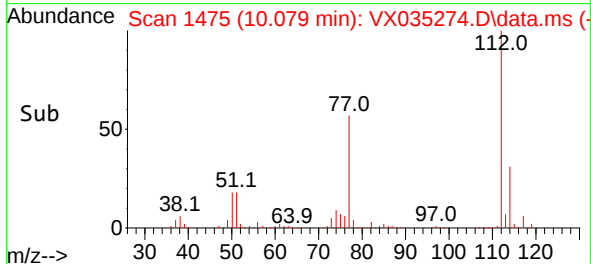
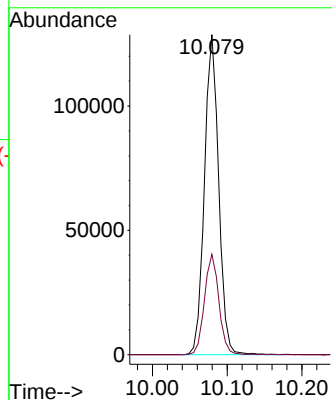
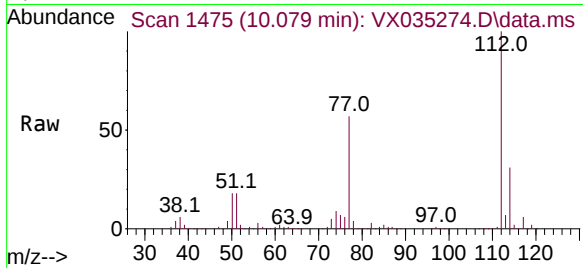
#65
Chlorobenzene
Concen: 18.433 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 169810
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

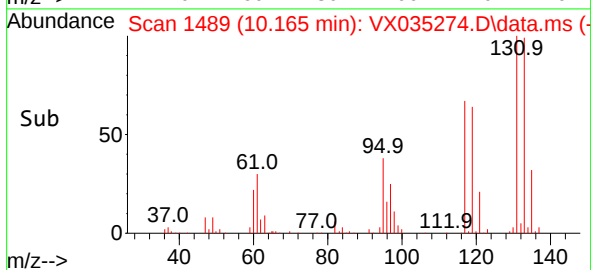
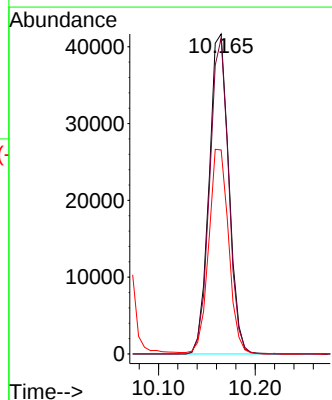
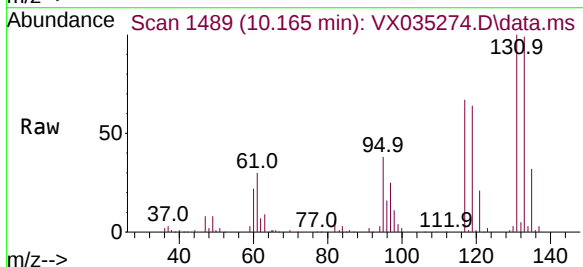
Manual Integrations
APPROVED

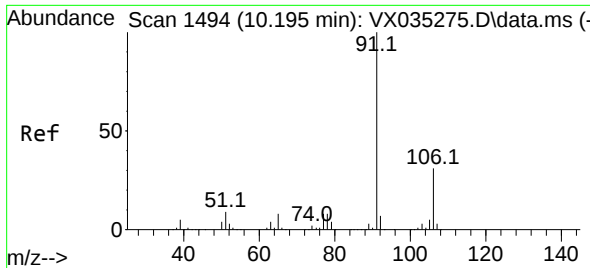
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.423 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion:131 Resp: 59068
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 64.4 32.6 98.0





#67

Ethyl Benzene

Concen: 18.569 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 296244

Ion Ratio Lower Upper

91 100

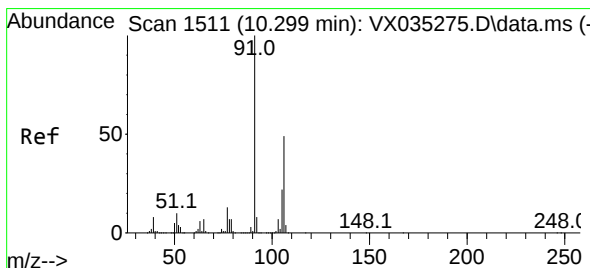
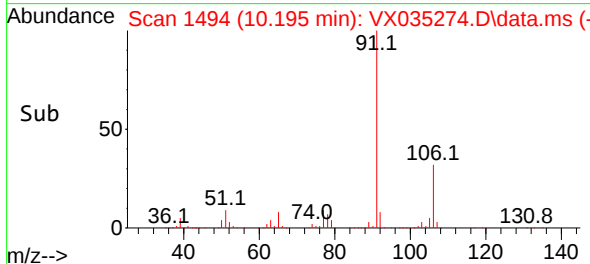
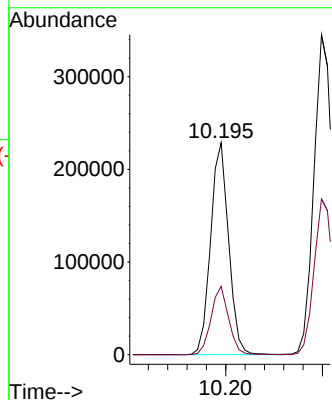
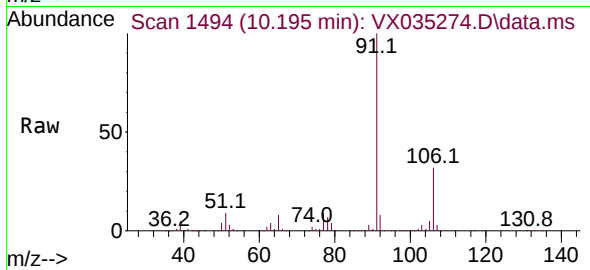
106 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#68

m/p-Xylenes

Concen: 37.845 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035274.D

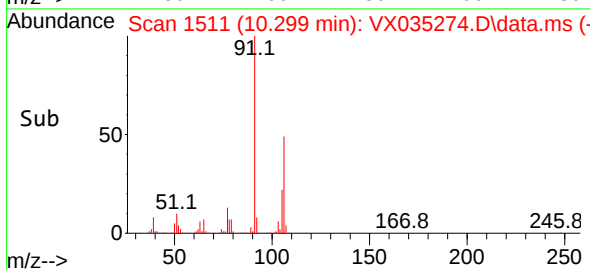
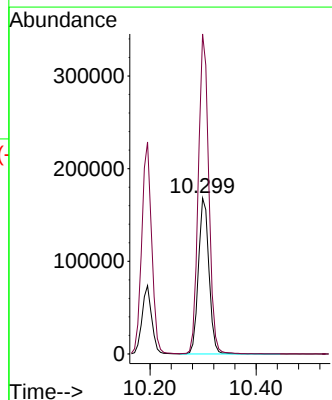
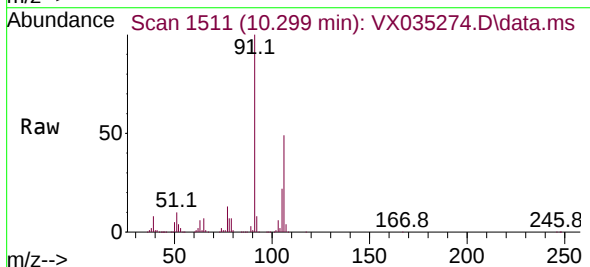
Acq: 25 Apr 2023 11:23

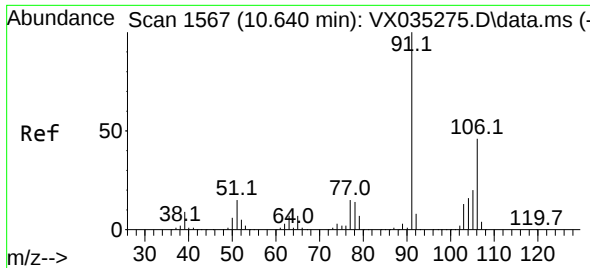
Tgt Ion:106 Resp: 231355

Ion Ratio Lower Upper

106 100

91 203.1 164.0 246.0





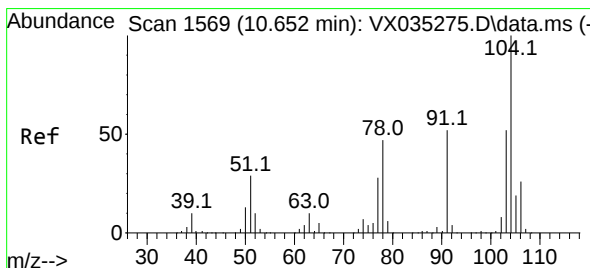
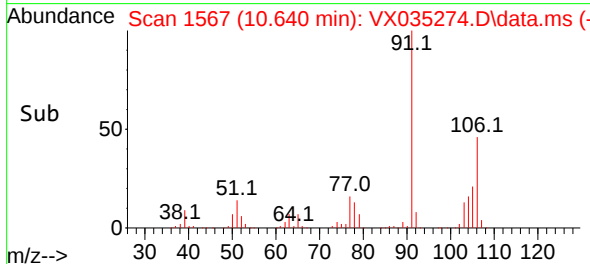
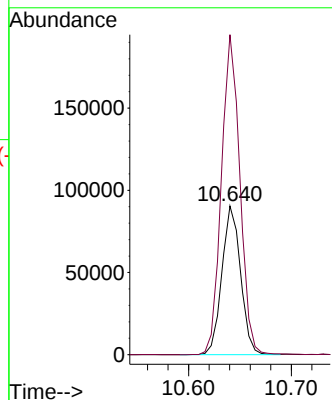
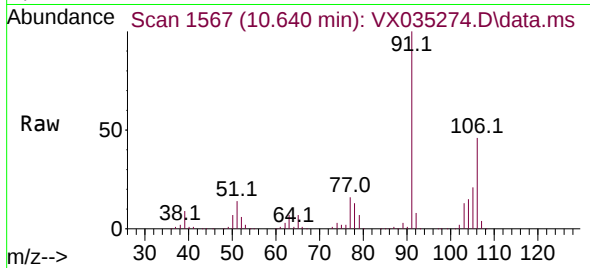
#69
o-Xylene
Concen: 18.995 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 113870
Ion Ratio Lower Upper
106 100
91 213.5 108.5 325.3

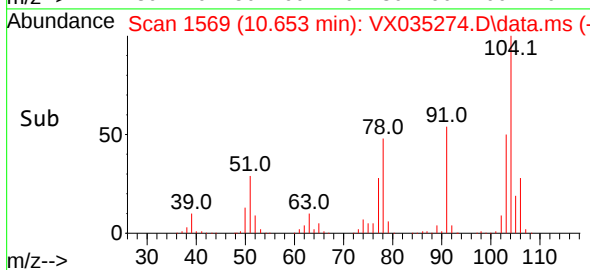
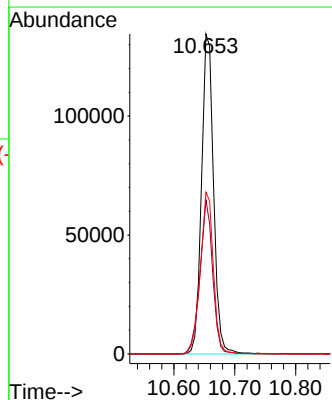
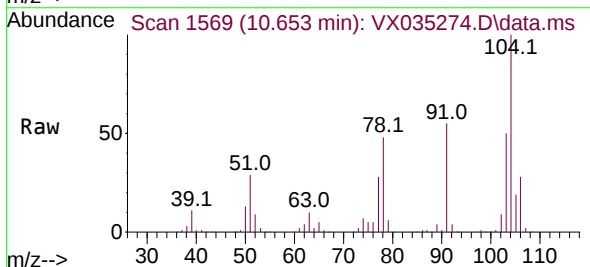
Manual Integrations
APPROVED

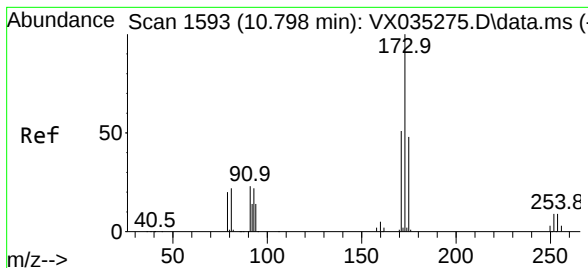
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 19.070 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion:104 Resp: 185350
Ion Ratio Lower Upper
104 100
78 50.6 43.4 65.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 17.903 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

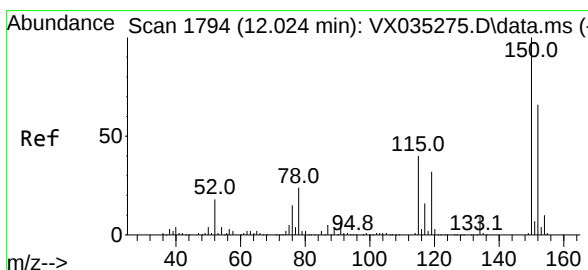
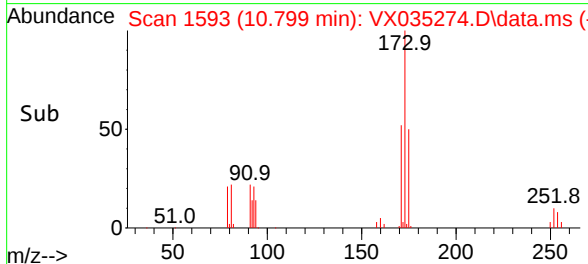
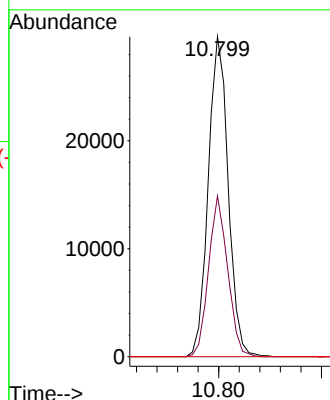
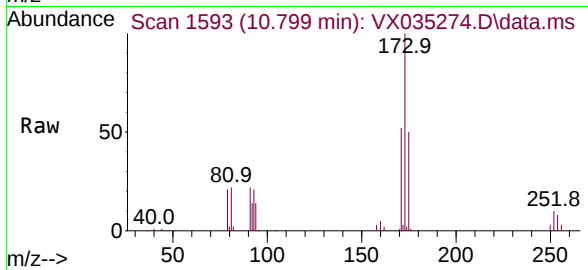
Tgt Ion:173	Resp:	39920
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

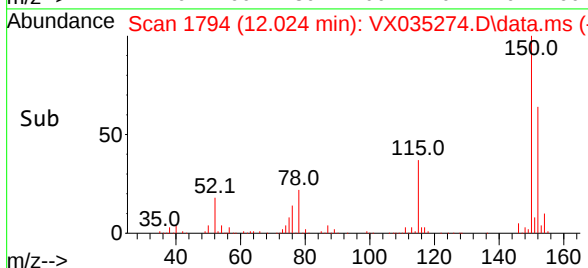
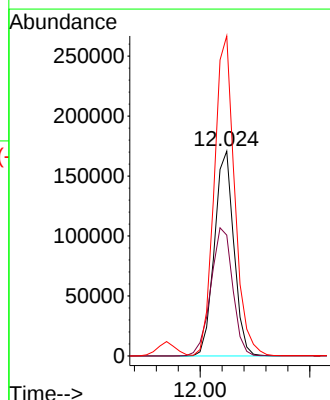
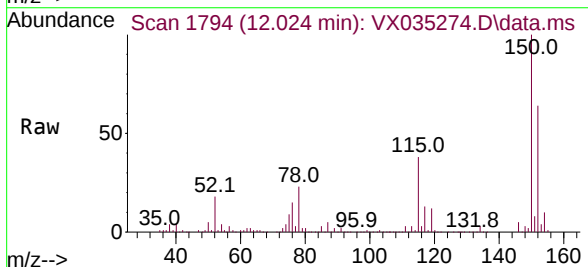
RT: 12.024 min Scan# 1794

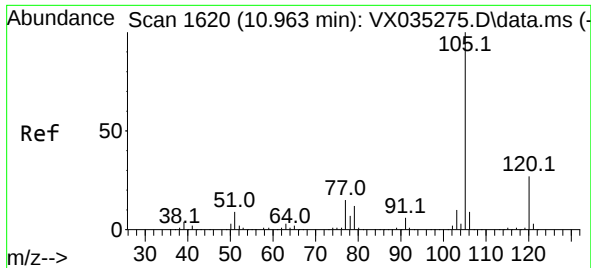
Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

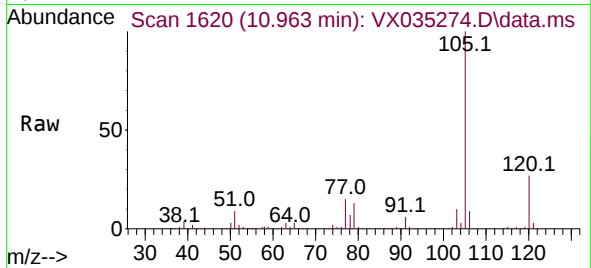
Tgt Ion:152	Resp:	210062
Ion Ratio	Lower	Upper
152	100	
115	70.3	45.0 135.0
150	163.6	0.0 352.4





#73
Isopropylbenzene
Concen: 19.401 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

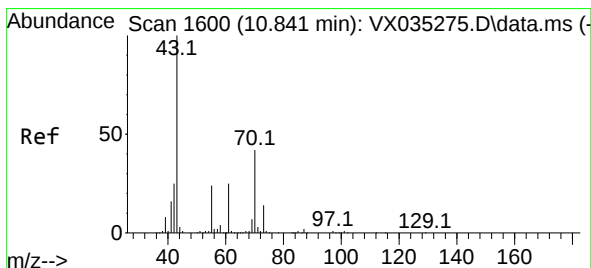
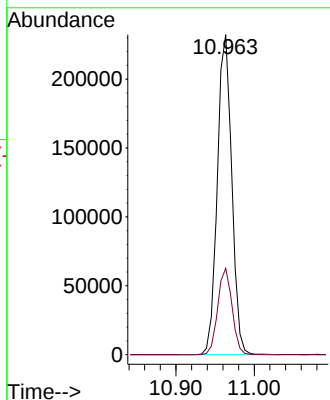
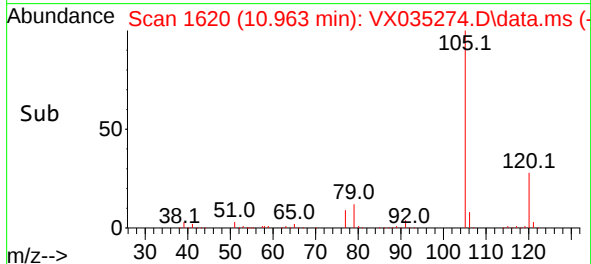
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



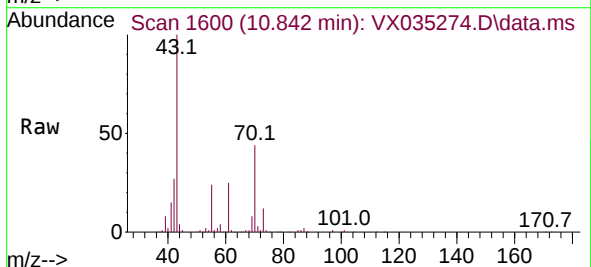
Tgt Ion:105 Resp: 29791
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
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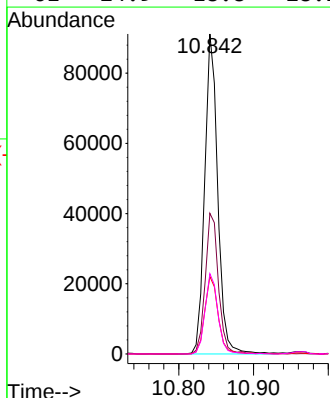
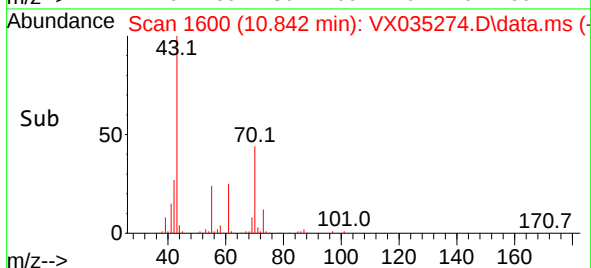
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

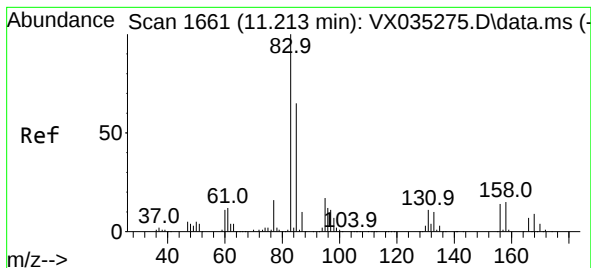


#74
N-ethyl acetate
Concen: 19.121 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



Tgt Ion: 43 Resp: 110337
Ion Ratio Lower Upper
43 100
70 44.9 32.1 48.1
55 25.1 18.3 27.5
61 24.9 18.8 28.2





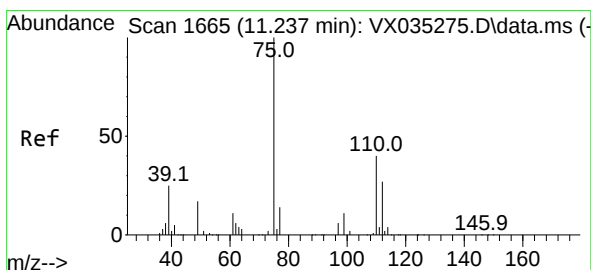
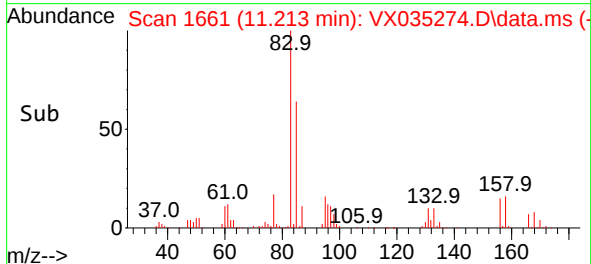
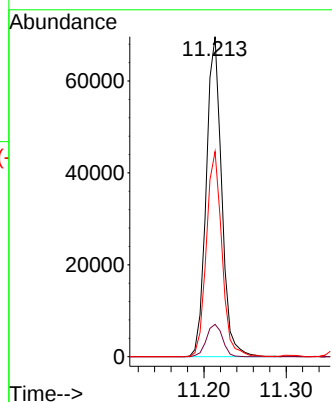
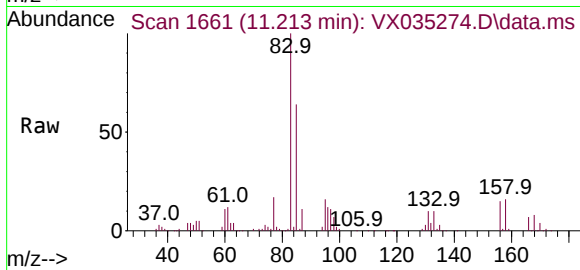
#75
1,1,2,2-Tetrachloroethane
Concen: 19.069 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 9088
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.5 32.0 96.0

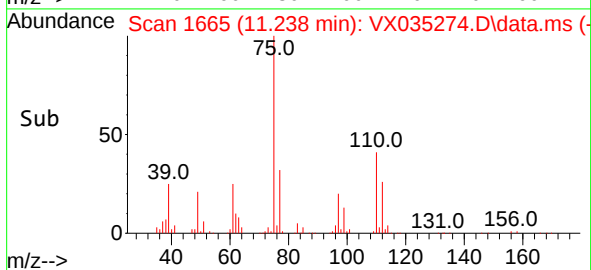
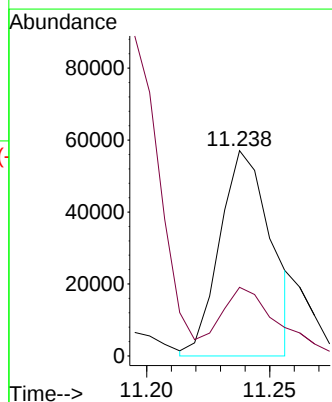
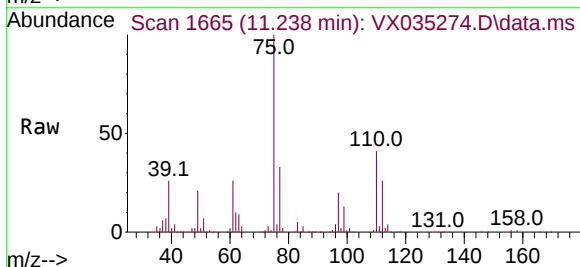
Manual Integrations
APPROVED

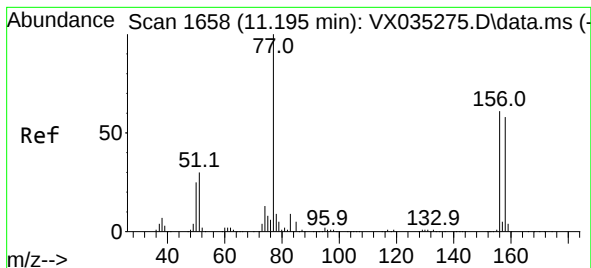
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#76
1,2,3-Trichloropropane
Concen: 20.658 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion: 75 Resp: 82675
Ion Ratio Lower Upper
75 100
77 37.8 21.6 64.8





#77

Bromobenzene

Concen: 18.743 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

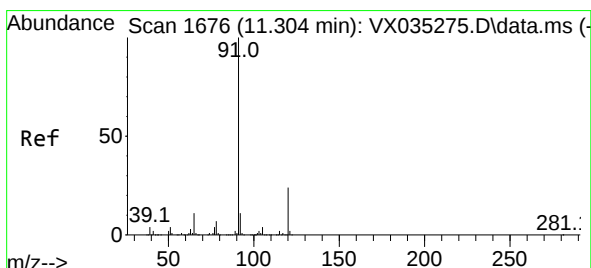
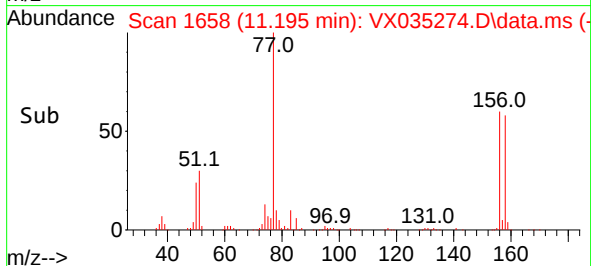
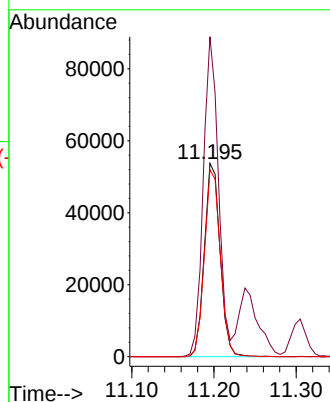
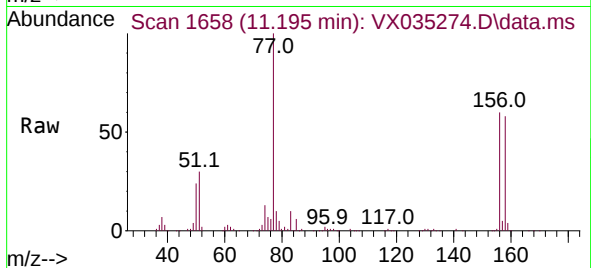
Tgt Ion:	156	Resp:	7154
Ion Ratio	Lower	Upper	
156	100		
77	159.0	86.7	259.9
158	97.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#78

n-propylbenzene

Concen: 19.328 ug/l

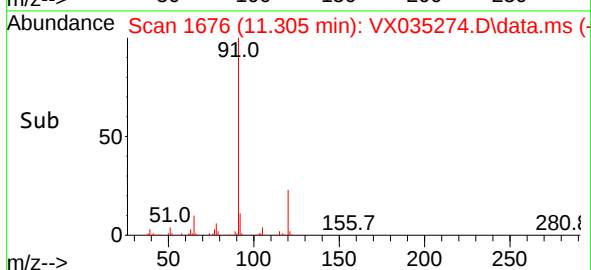
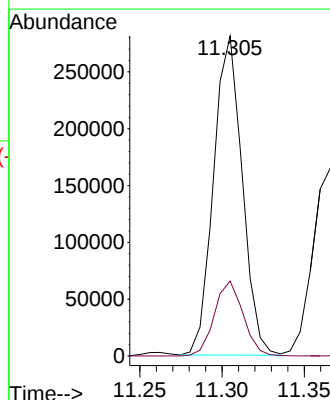
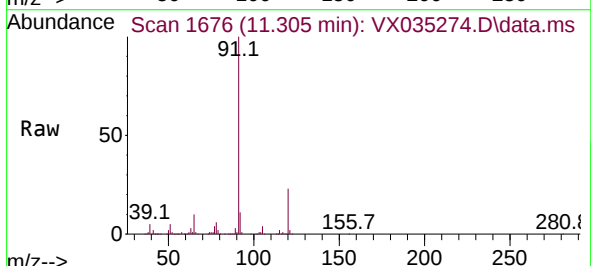
RT: 11.305 min Scan# 1676

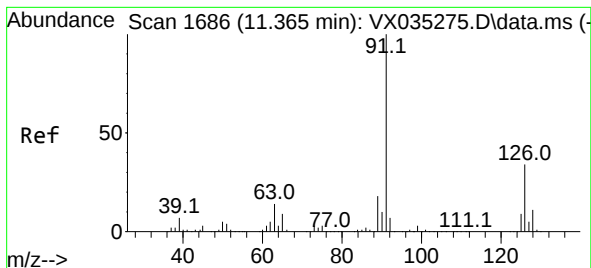
Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Tgt Ion:	91	Resp:	340862
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.5





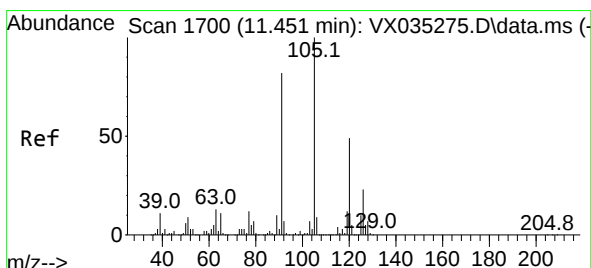
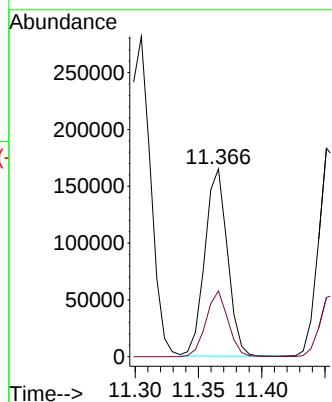
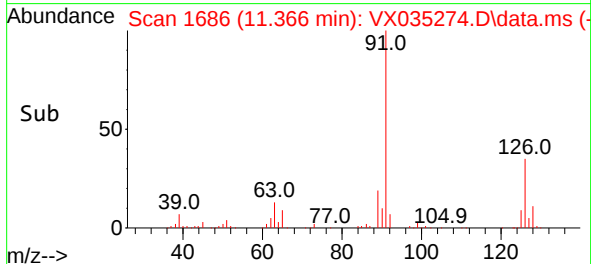
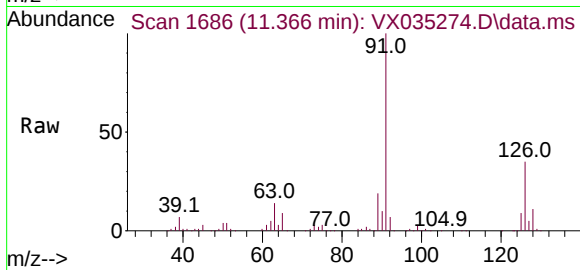
#79
2-Chlorotoluene
Concen: 18.633 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 20534
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.9

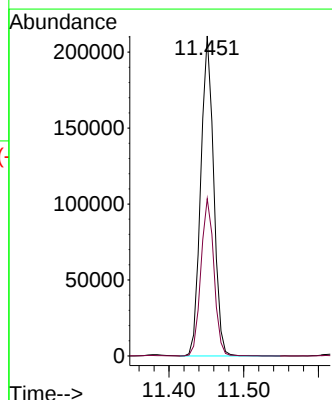
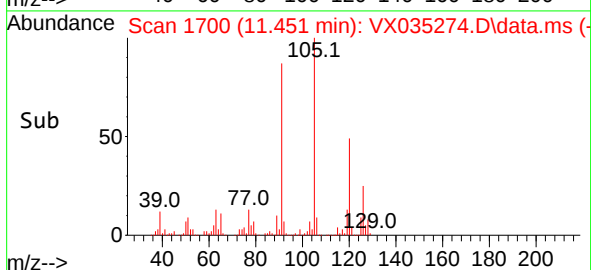
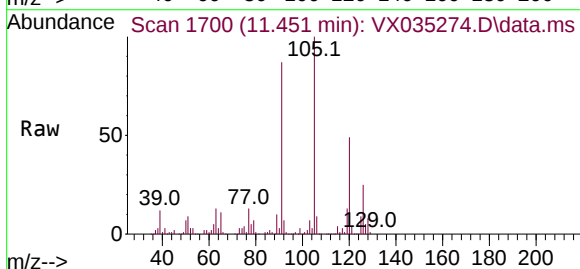
Manual Integrations
APPROVED

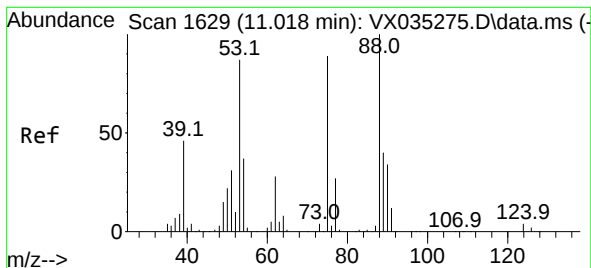
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.494 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion:105 Resp: 252395
Ion Ratio Lower Upper
105 100
120 49.6 23.7 71.1





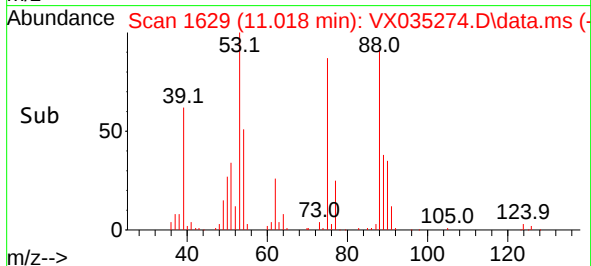
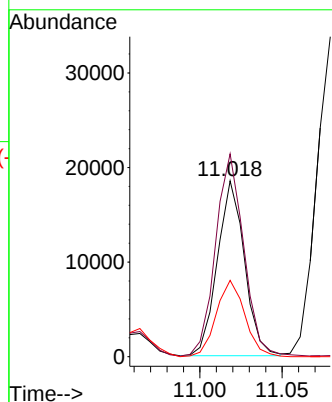
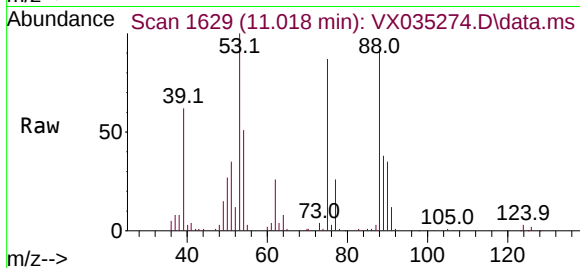
#81
trans-1,4-Dichloro-2-butene
Concen: 16.410 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2123
Ion Ratio Lower Upper
75 100
53 121.7 82.6 124.0
89 46.1 36.9 55.3

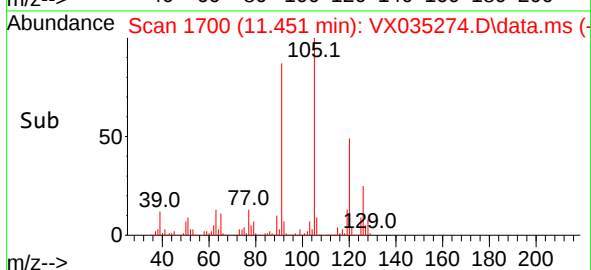
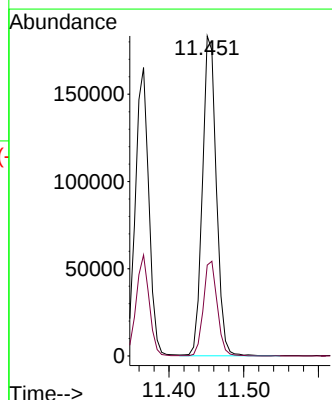
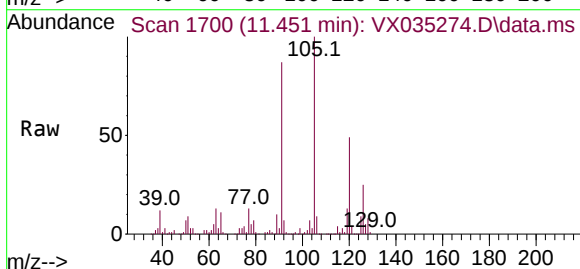
Manual Integrations
APPROVED

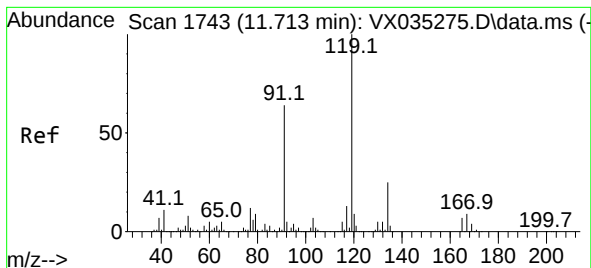
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 19.063 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion: 91 Resp: 235940
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.966 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

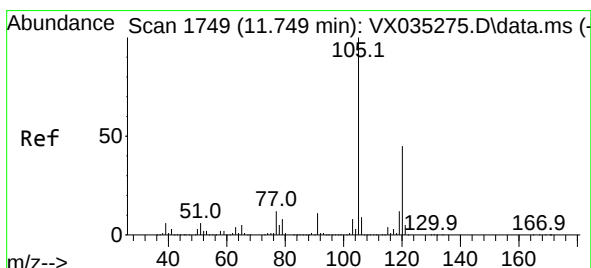
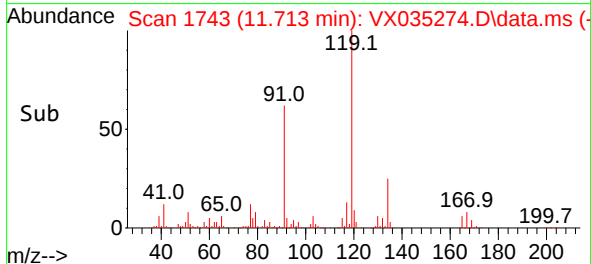
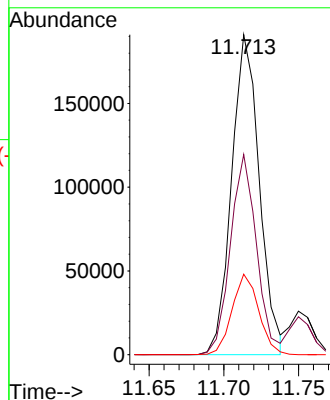
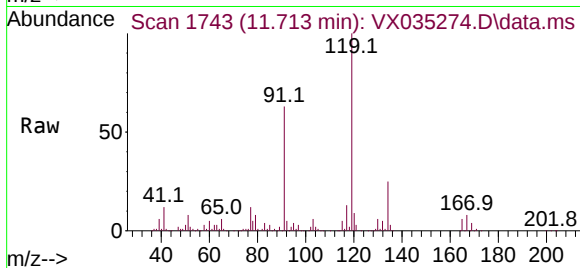
Tgt Ion:119 Resp: 246385
 Ion Ratio Lower Upper
 119 100
 91 59.1 30.6 92.0
 134 24.2 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.454 ug/l

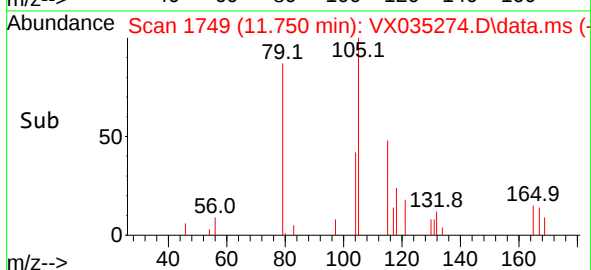
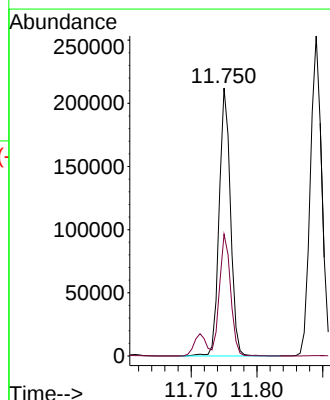
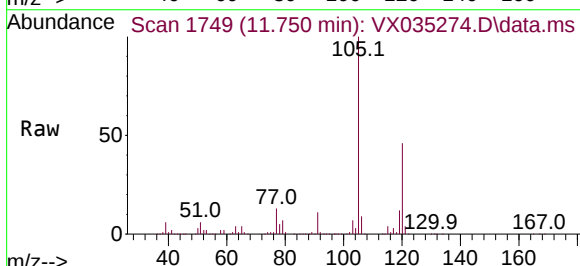
RT: 11.750 min Scan# 1749

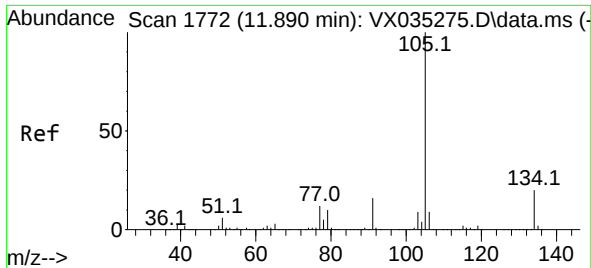
Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Tgt Ion:105 Resp: 253084
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 19.223 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035274.D
 Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

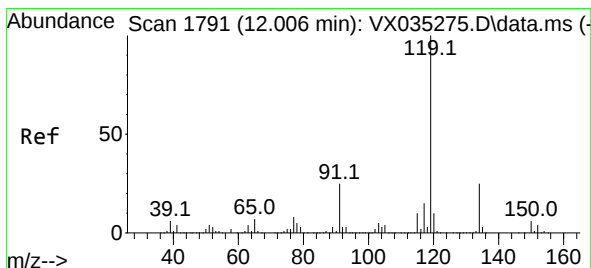
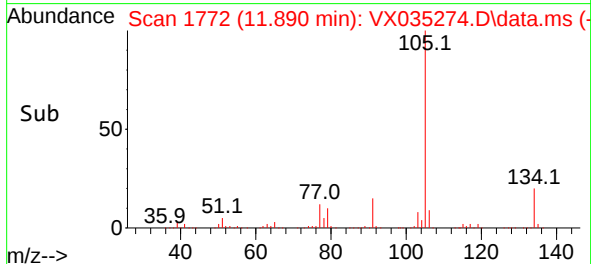
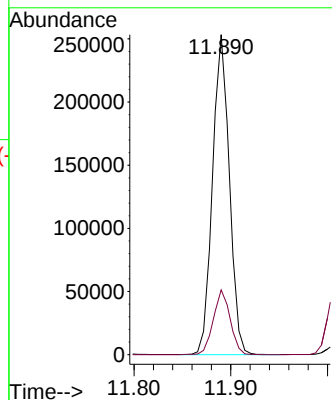
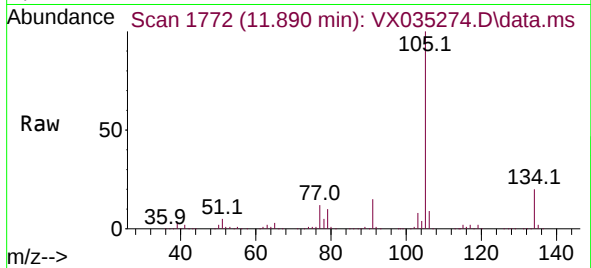
ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 30631
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

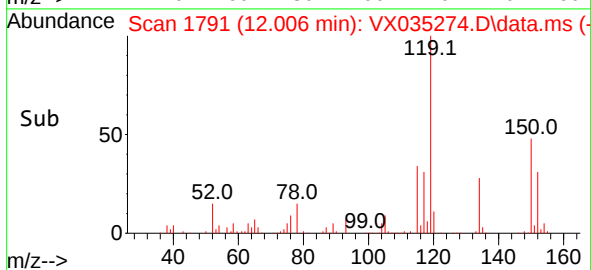
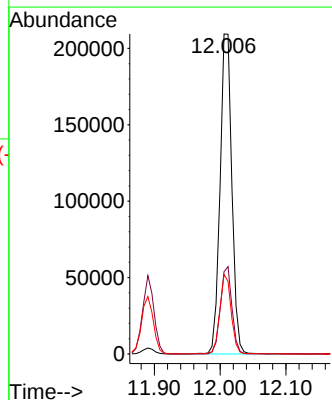
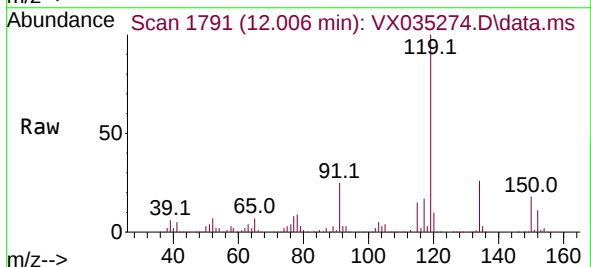
Manual Integrations
 APPROVED

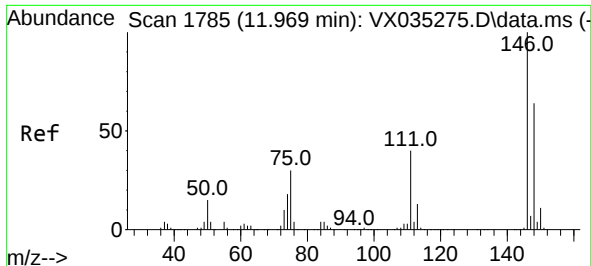
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#86
 p-Isopropyltoluene
 Concen: 19.317 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035274.D
 Acq: 25 Apr 2023 11:23

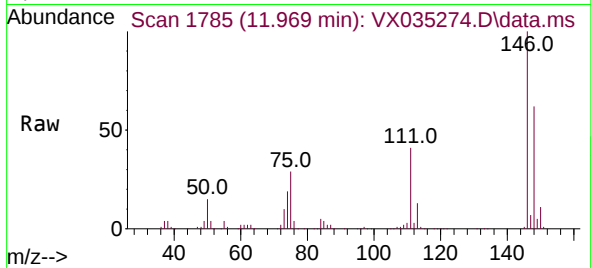
Tgt Ion:119 Resp: 261799
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 24.0 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 18.750 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

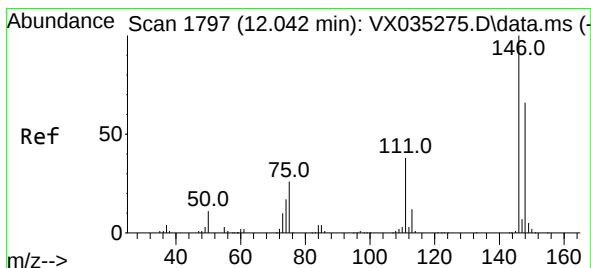
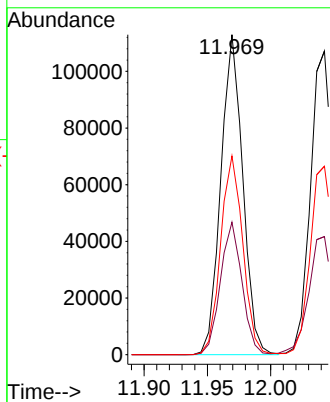
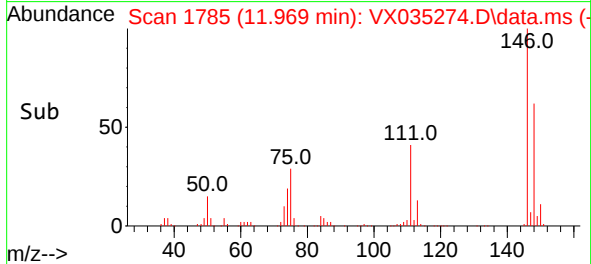
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



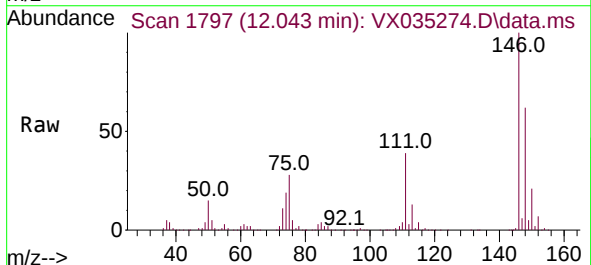
Tgt Ion:146 Resp: 13601
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 62.8 31.6 95.0

Manual Integrations
APPROVED

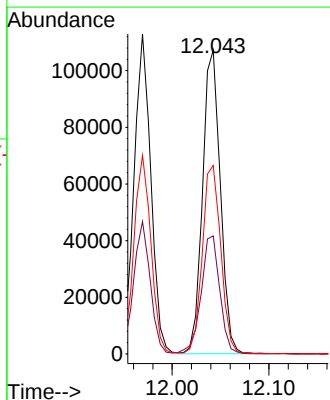
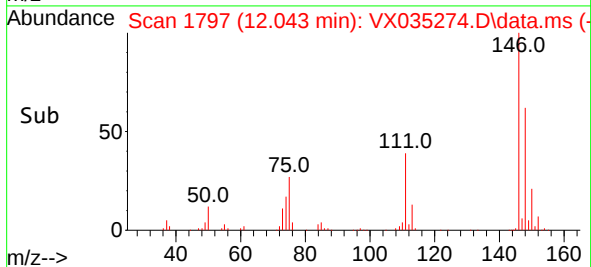
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

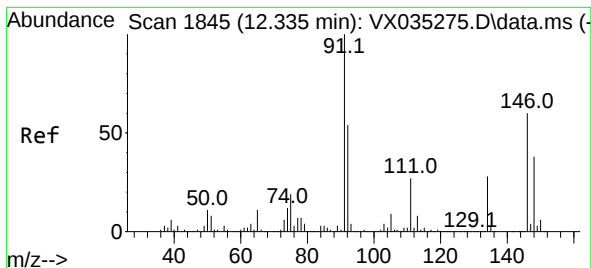


#88
1,4-Dichlorobenzene
Concen: 18.087 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



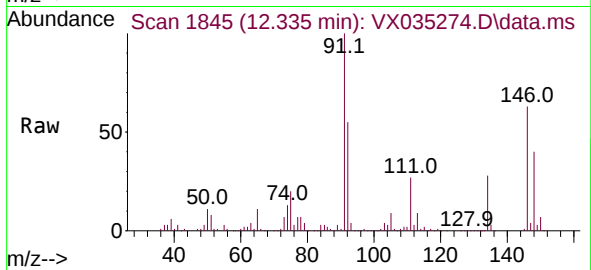
Tgt Ion:146 Resp: 137564
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.9
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 18.750 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

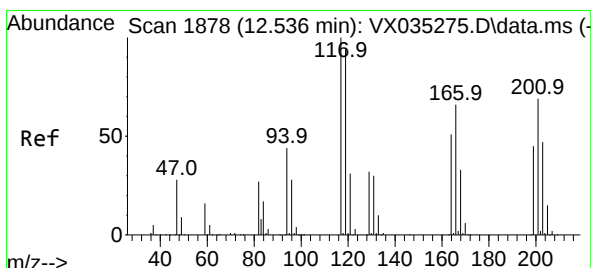
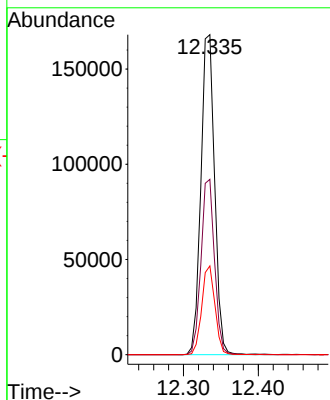
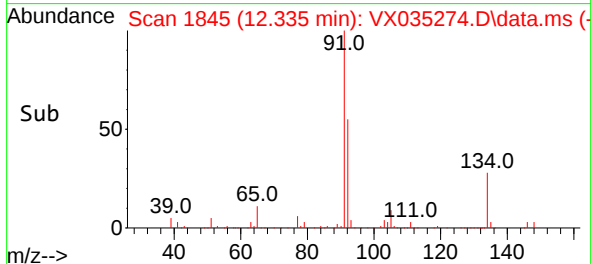
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 214518
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 26.7 13.0 38.9

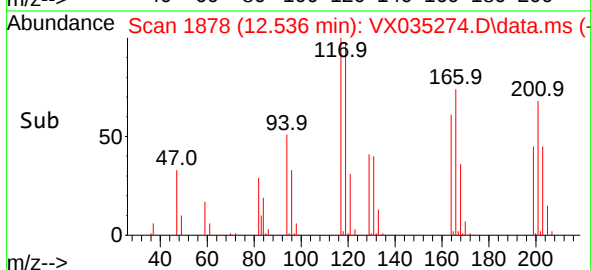
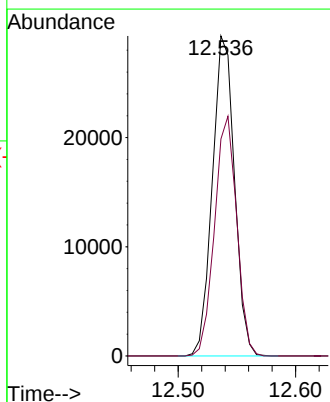
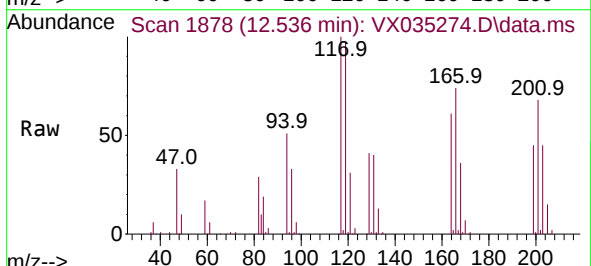
Manual Integrations
APPROVED

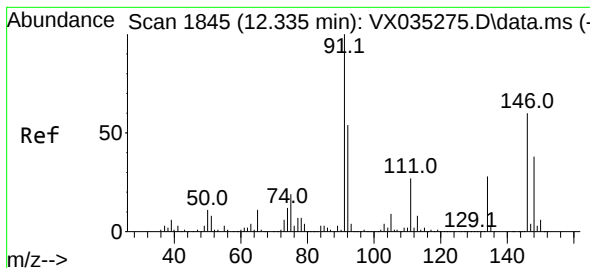
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#90
Hexachloroethane
Concen: 18.494 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

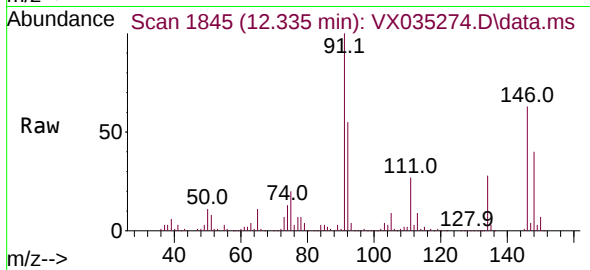
Tgt Ion:117 Resp: 38368
Ion Ratio Lower Upper
117 100
201 75.0 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 18.520 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

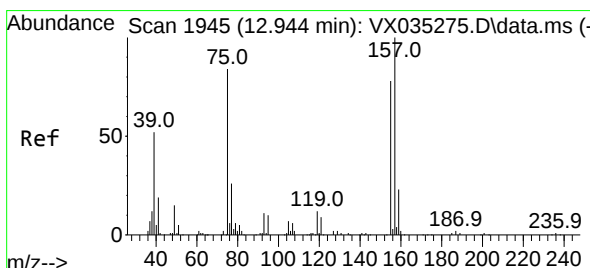
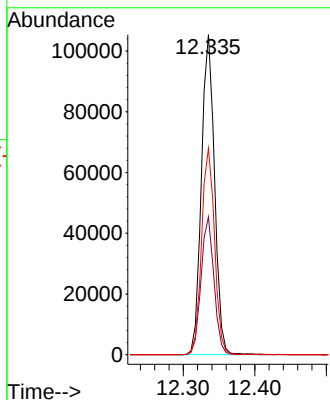
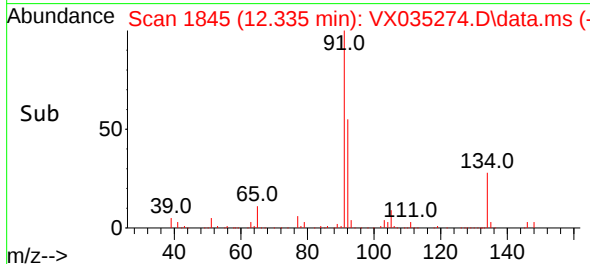
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



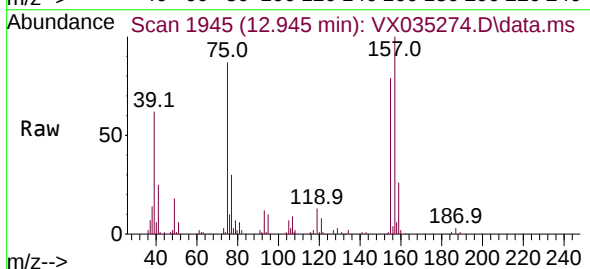
Tgt Ion:146 Resp: 13436
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.9 32.0 96.0

Manual Integrations
APPROVED

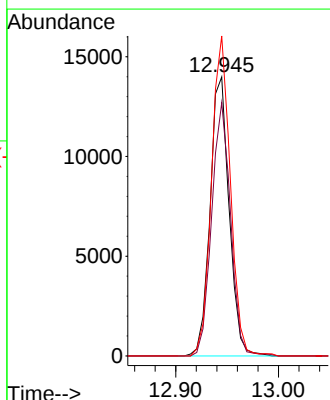
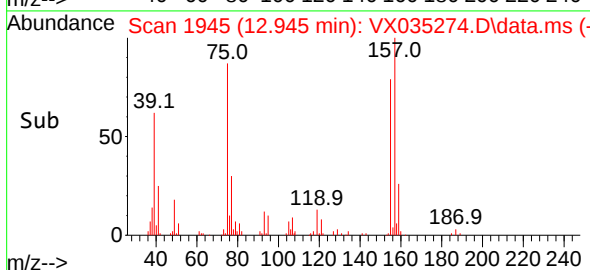
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

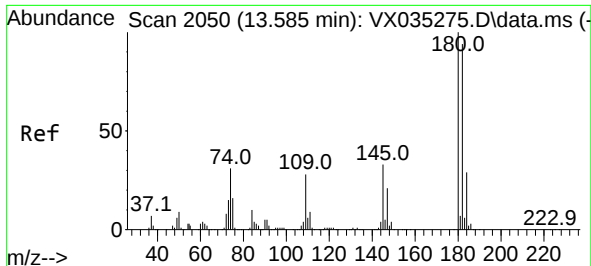


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.814 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23



Tgt Ion: 75 Resp: 17980
Ion Ratio Lower Upper
75 100
155 90.0 38.4 115.1
157 113.4 49.9 149.7





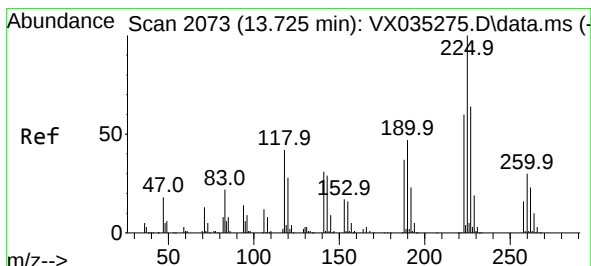
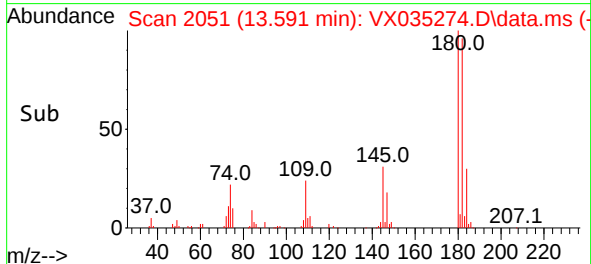
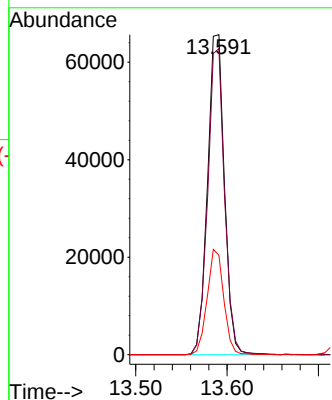
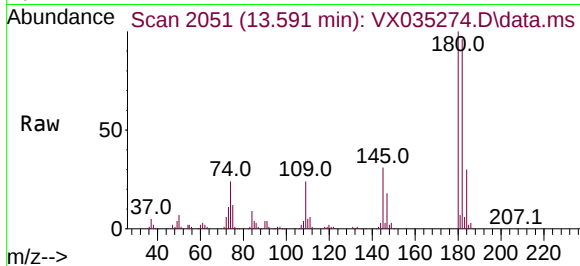
#93
1,2,4-Trichlorobenzene
Concen: 18.456 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 8416
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 32.3 15.9 47.7

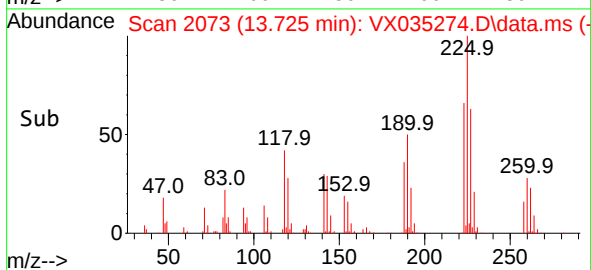
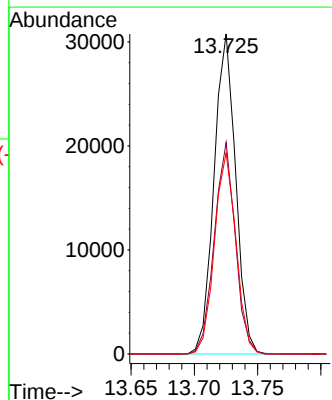
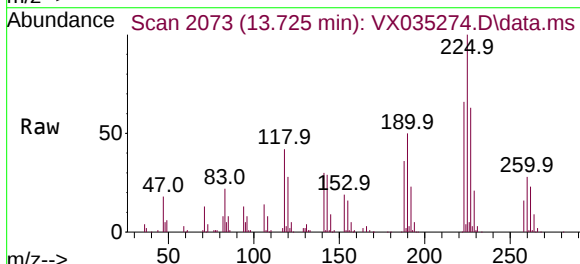
Manual Integrations
APPROVED

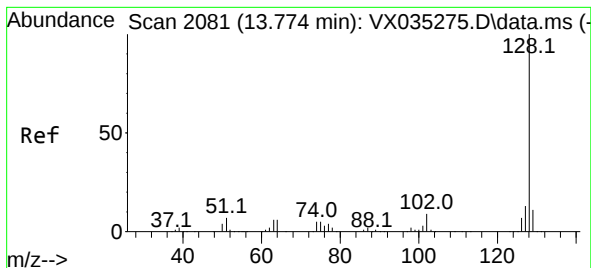
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#94
Hexachlorobutadiene
Concen: 18.264 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035274.D
Acq: 25 Apr 2023 11:23

Tgt Ion:225 Resp: 36554
Ion Ratio Lower Upper
225 100
223 64.2 32.1 96.5
227 62.3 31.8 95.4





#95

Naphthalene

Concen: 19.529 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

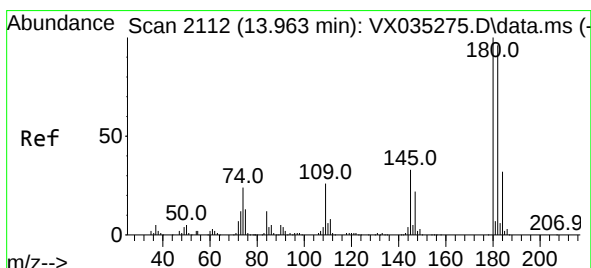
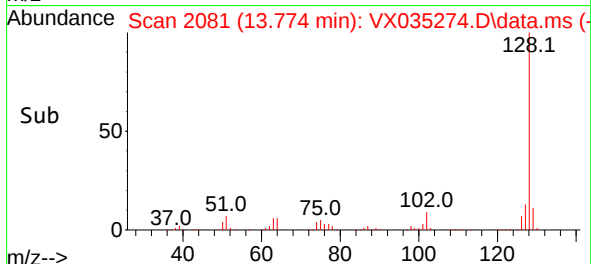
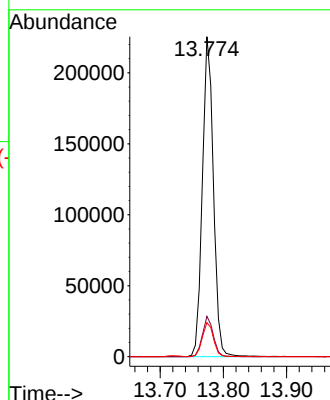
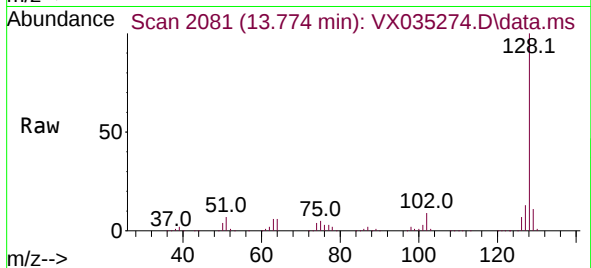
Tgt Ion:128 Resp: 274172
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.2 15.4
 129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.382 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035274.D

Acq: 25 Apr 2023 11:23

Tgt Ion:180 Resp: 84387
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.0 144.2
 145 33.4 17.7 53.1

