

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025182.D
 Acq On : 17 Nov 2021 11:18
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 17 13:03:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 12:58:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	124844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	25422	19.387	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.780%#		
35) Dibromofluoromethane	5.391	113	23131	19.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.280%#		
50) Toluene-d8	8.653	98	86274	18.969	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.940%#		
62) 4-Bromofluorobenzene	11.085	95	31304	18.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	23466	19.961	ug/l	99
3) Chloromethane	1.295	50	26740	19.035	ug/l	97
4) Vinyl Chloride	1.374	62	29355	18.836	ug/l	98
5) Bromomethane	1.599	94	21216	28.522	ug/l	98
6) Chloroethane	1.685	64	19346	18.818	ug/l	96
7) Trichlorofluoromethane	1.886	101	42093	18.110	ug/l	99
8) Diethyl Ether	2.136	74	17167	18.234	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	22584	18.671	ug/l	97
10) Methyl Iodide	2.453	142	27052	17.989	ug/l	92
11) Tert butyl alcohol	2.959	59	33729	93.145	ug/l	97
12) 1,1-Dichloroethene	2.319	96	21651	18.070	ug/l	91
13) Acrolein	2.240	56	6387	95.288	ug/l	91
14) Allyl chloride	2.666	41	38616	18.383	ug/l	93
15) Acrylonitrile	3.063	53	67301	91.597	ug/l	99
16) Acetone	2.380	43	73421	96.104	ug/l	95
17) Carbon Disulfide	2.514	76	61015	18.150	ug/l	99
18) Methyl Acetate	2.703	43	42934	17.953	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	76177	18.491	ug/l	99
20) Methylene Chloride	2.788	84	24455	17.599	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	24122	18.421	ug/l	88
22) Diisopropyl ether	3.764	45	74137	17.985	ug/l	99
23) Vinyl Acetate	3.721	43	299291	90.588	ug/l	96
24) 1,1-Dichloroethane	3.611	63	41563	18.449	ug/l	98
25) 2-Butanone	4.556	43	102670	92.078	ug/l	98
26) 2,2-Dichloropropane	4.477	77	37700	18.206	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	28368	18.585	ug/l	89
28) Bromochloromethane	4.904	49	20229	19.368	ug/l	92
29) Tetrahydrofuran	5.007	42	61321	90.880	ug/l	97
30) Chloroform	5.099	83	43421	18.590	ug/l	99
31) Cyclohexane	5.477	56	38222	18.189	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	38740	18.276	ug/l	98
36) 1,1-Dichloropropene	5.696	75	31491	18.134	ug/l	98
37) Ethyl Acetate	4.715	43	36120	17.626	ug/l	99
38) Carbon Tetrachloride	5.684	117	35732	18.502	ug/l	99
39) Methylcyclohexane	7.385	83	40712	17.742	ug/l	93
40) Benzene	6.044	78	96270	18.240	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19269	17.010	ug/l	96
42) 1,2-Dichloroethane	6.092	62	31415	18.501	ug/l	92
43) Isopropyl Acetate	6.342	43	60362	18.012	ug/l	98
44) Trichloroethene	7.129	130	28138	18.437	ug/l	99
45) 1,2-Dichloropropane	7.434	63	23721	18.042	ug/l	96
46) Dibromomethane	7.580	93	17468	18.471	ug/l	91
47) Bromodichloromethane	7.824	83	33779	18.272	ug/l	99
48) Methyl methacrylate	7.696	41	27388	17.625	ug/l	96
49) 1,4-Dioxane	7.659	88	13037	383.327	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	187293	88.479	ug/l	98
52) Toluene	8.720	92	63254	18.257	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	37315	17.942	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	40483	18.329	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	25129	17.921	ug/l	96
56) Ethyl methacrylate	9.116	69	40095	18.100	ug/l	95
57) 1,3-Dichloropropane	9.311	76	41329	18.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	93152	92.794	ug/l	94
59) 2-Hexanone	9.433	43	149833	90.578	ug/l	95
60) Dibromochloromethane	9.525	129	28857	18.343	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27247	18.472	ug/l	98
64) Tetrachloroethene	9.275	164	28512	18.941	ug/l	96
65) Chlorobenzene	10.080	112	68934	18.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26162	18.143	ug/l	99
67) Ethyl Benzene	10.195	91	118442	18.289	ug/l	98
68) m/p-Xylenes	10.305	106	95900	36.752	ug/l	93
69) o-Xylene	10.640	106	46974	18.162	ug/l	92
70) Styrene	10.659	104	77173	18.086	ug/l	96
71) Bromoform	10.799	173	22418	17.945	ug/l #	100
73) Isopropylbenzene	10.964	105	119728	18.738	ug/l	97
74) N-amyl acetate	10.842	43	48931	17.586	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	37831	18.394	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	35096m	19.148	ug/l	
77) Bromobenzene	11.201	156	31200	18.818	ug/l	91
78) n-propylbenzene	11.305	91	133966	18.616	ug/l	97
79) 2-Chlorotoluene	11.366	91	79900	18.383	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	100687	18.793	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13381	18.017	ug/l	86
82) 4-Chlorotoluene	11.457	91	91753	18.297	ug/l	96
83) tert-Butylbenzene	11.720	119	101910	18.696	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	100063	18.618	ug/l	95
85) sec-Butylbenzene	11.890	105	123870	18.492	ug/l	98
86) p-Isopropyltoluene	12.012	119	104091	18.269	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	57200	18.800	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	56814	18.577	ug/l	98
89) n-Butylbenzene	12.335	91	85831	17.886	ug/l	96
90) Hexachloroethane	12.543	117	19359	18.783	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	56502	19.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8371	19.408	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	33663	19.647	ug/l	99
94) Hexachlorobutadiene	13.725	225	15177	18.583	ug/l	97
95) Naphthalene	13.780	128	108442	20.248	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33252	19.811	ug/l	99

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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

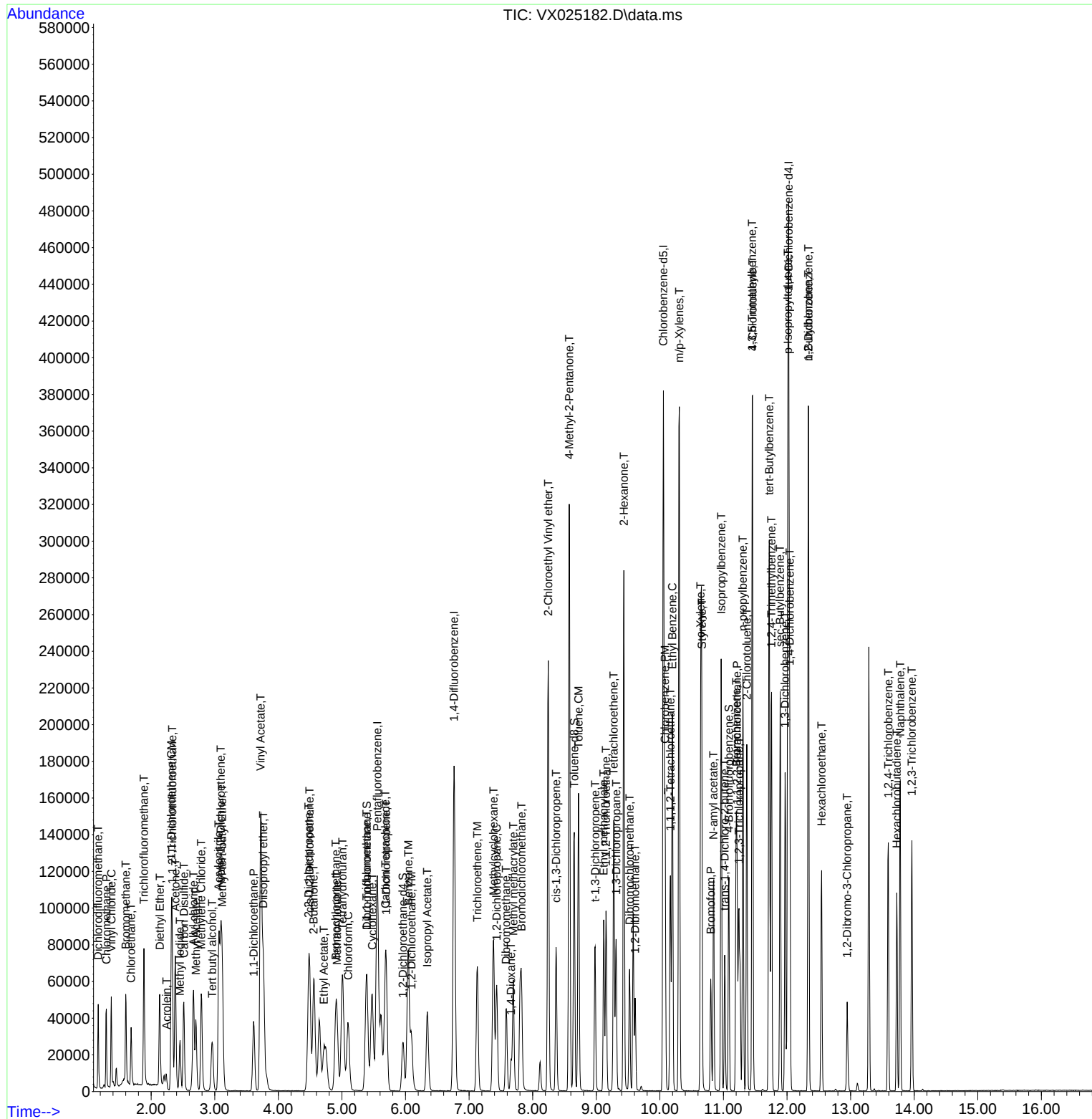
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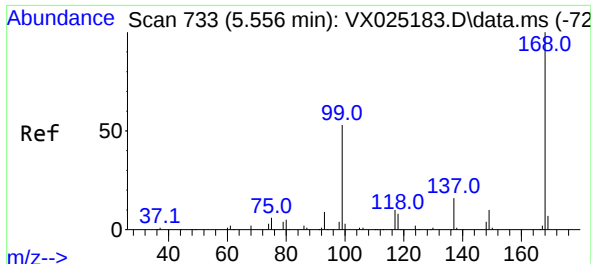
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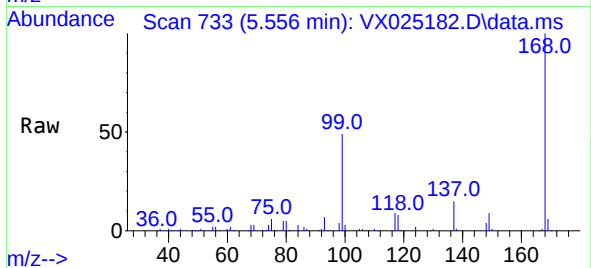
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025182.D
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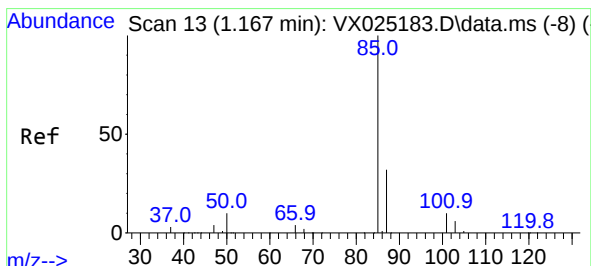
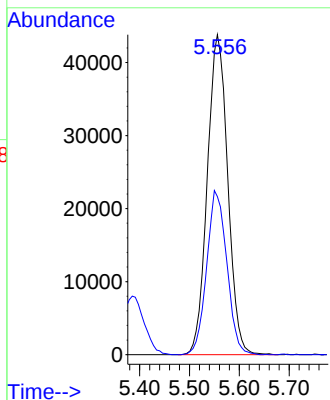
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 12484
Ion Ratio Lower Upper
168 100
99 49.4 46.4 69.6

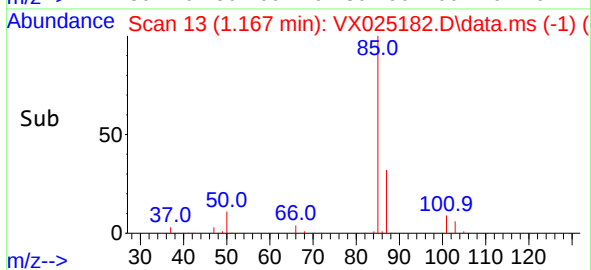
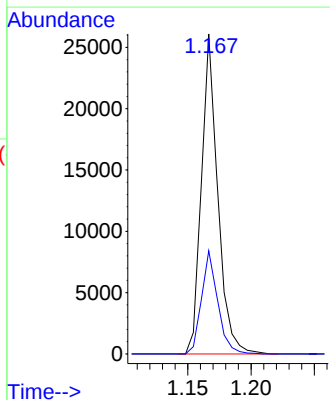
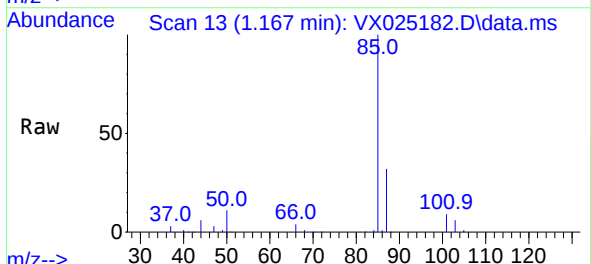
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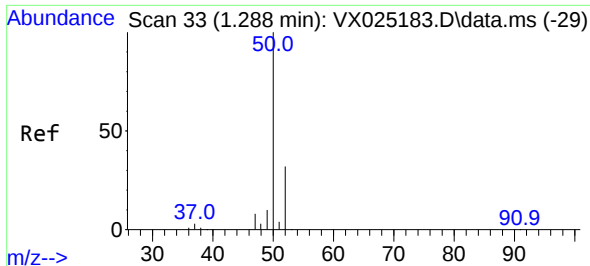
Reviewed By :John Carlone 11/18/2021
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#2
Dichlorodifluoromethane
Concen: 19.961 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

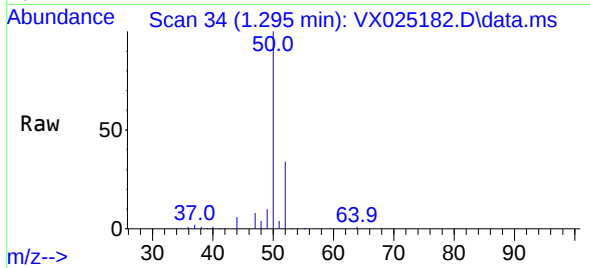
Tgt Ion: 85 Resp: 23466
Ion Ratio Lower Upper
85 100
87 32.3 16.0 47.9





#3
Chloromethane
Concen: 19.035 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

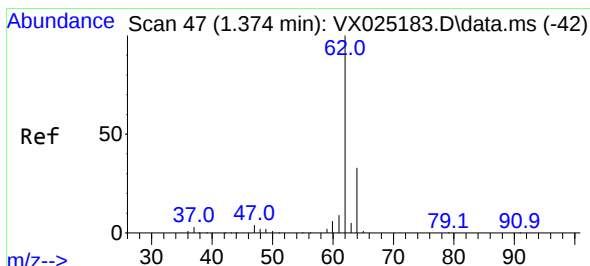
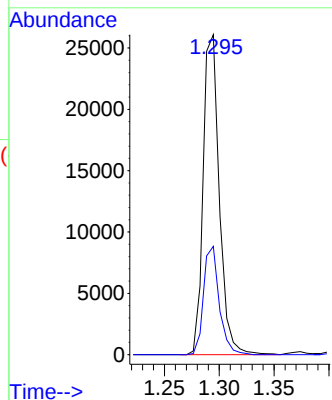
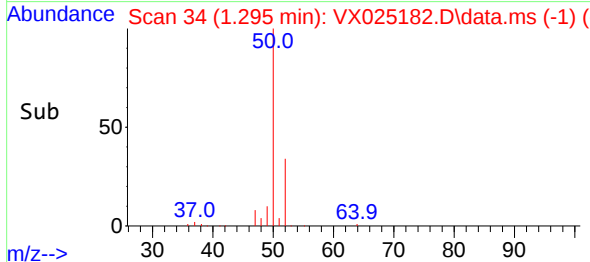
Instrument :
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ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 26740
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9

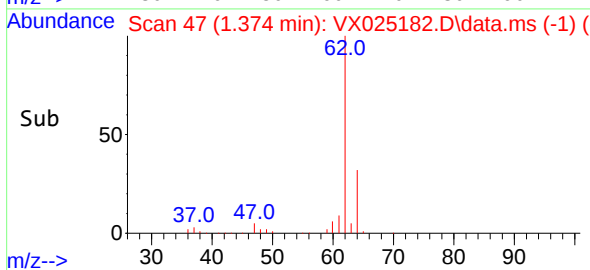
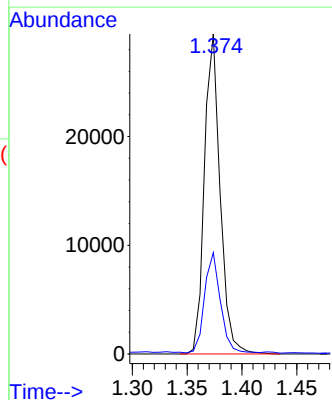
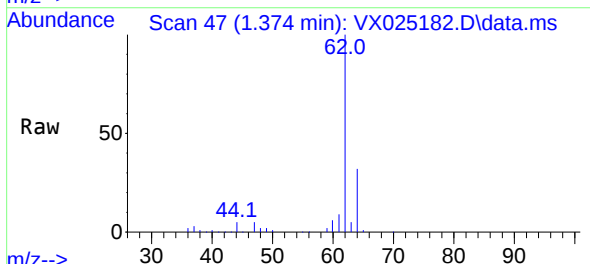
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#4
Vinyl Chloride
Concen: 18.836 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 62 Resp: 29355
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





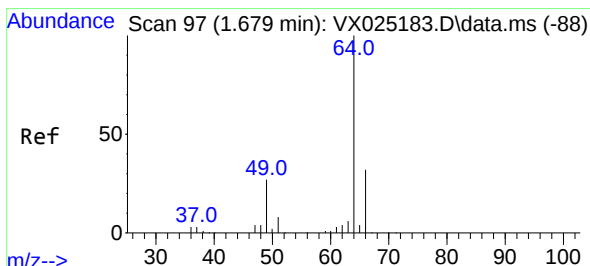
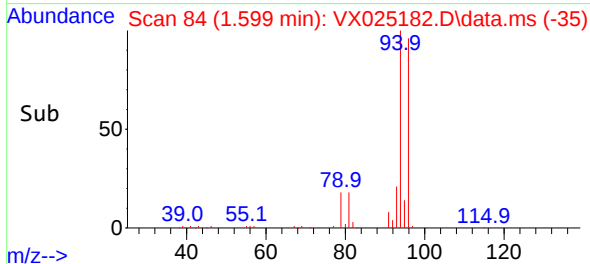
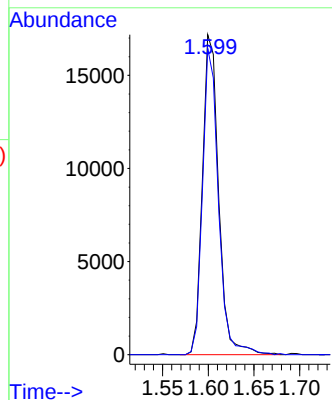
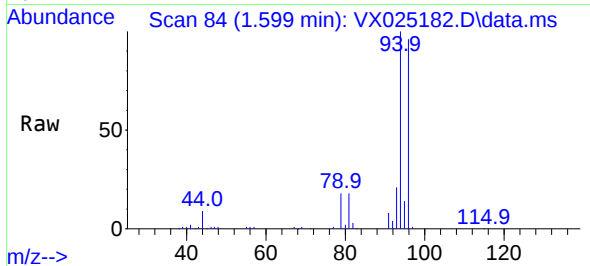
#5
Bromomethane
Concen: 28.522 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
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Client Sample Id :
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Tgt Ion: 94 Resp: 21210
Ion Ratio Lower Upper
94 100
96 95.7 74.8 112.2

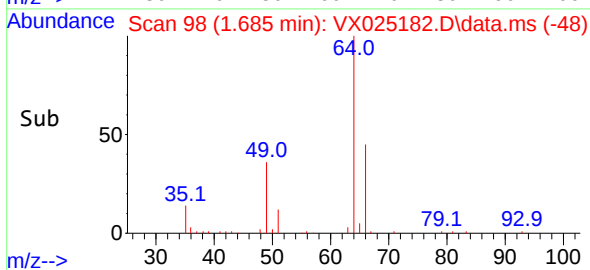
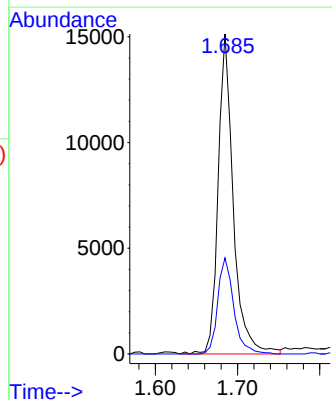
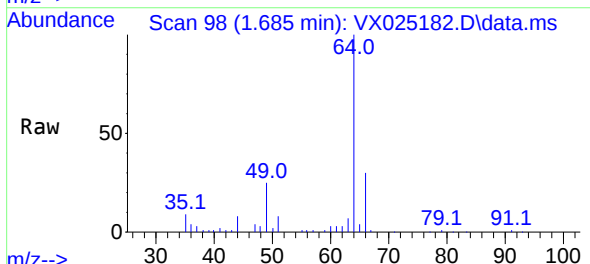
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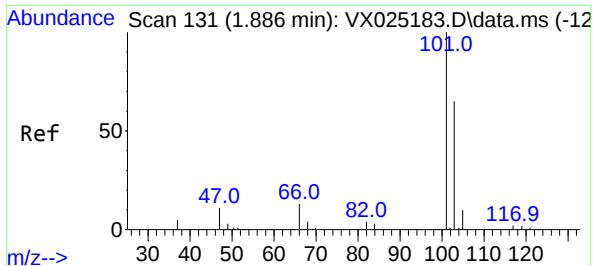
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#6
Chloroethane
Concen: 18.818 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

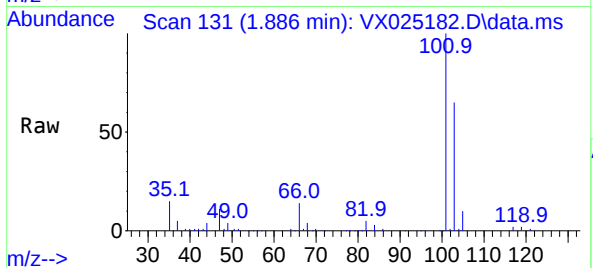
Tgt Ion: 64 Resp: 19346
Ion Ratio Lower Upper
64 100
66 30.0 25.6 38.4





#7
Trichlorofluoromethane
Concen: 18.110 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025182.D
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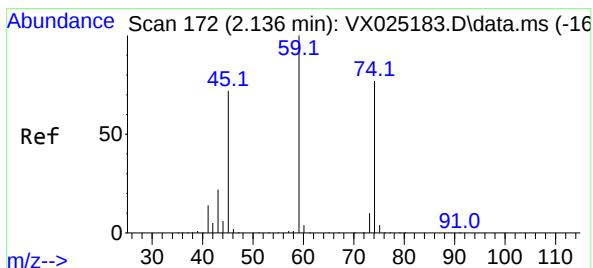
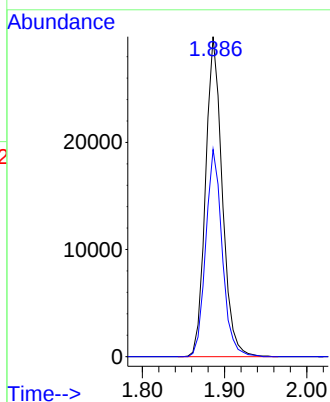
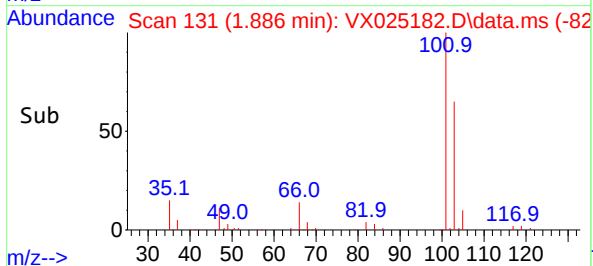
Instrument :
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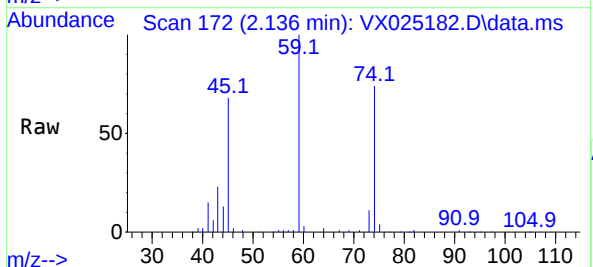
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Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

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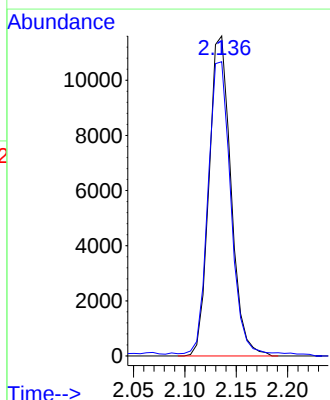
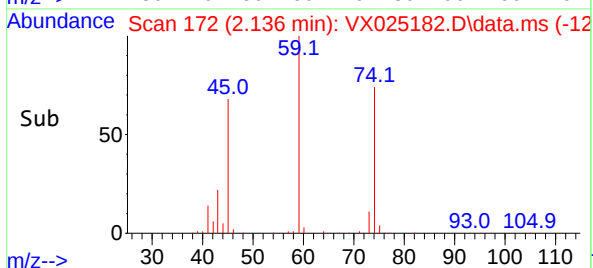
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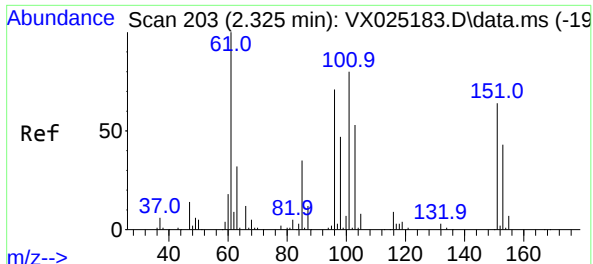


#8
Diethyl Ether
Concen: 18.234 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX025182.D
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Tgt Ion: 74 Resp: 17167
Ion Ratio Lower Upper
74 100
45 97.6 47.6 142.9





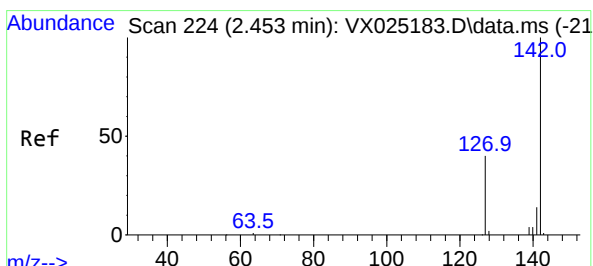
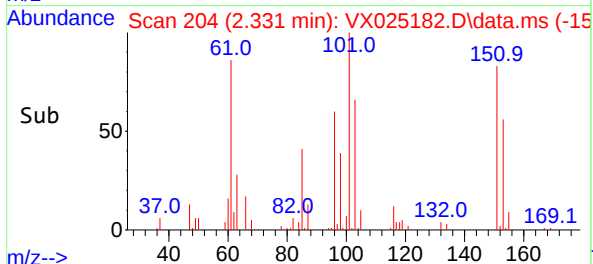
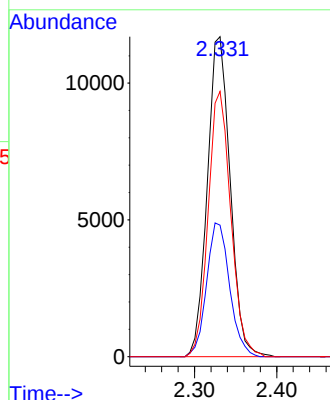
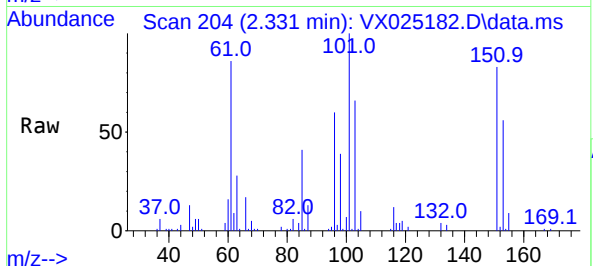
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.671 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 22584
Ion Ratio Lower Upper
101 100
85 42.2 35.9 53.9
151 82.1 64.4 96.6

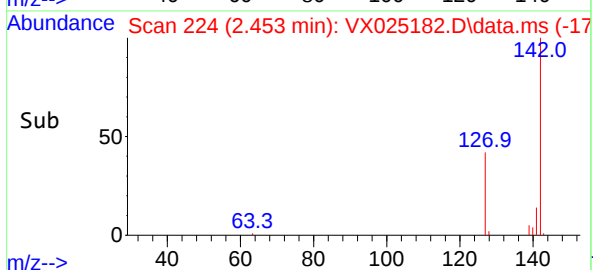
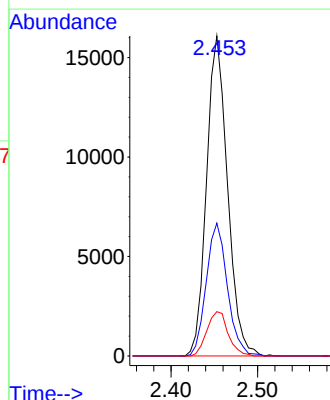
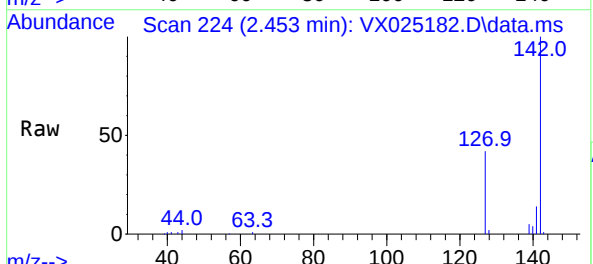
Manual Integrations
APPROVED

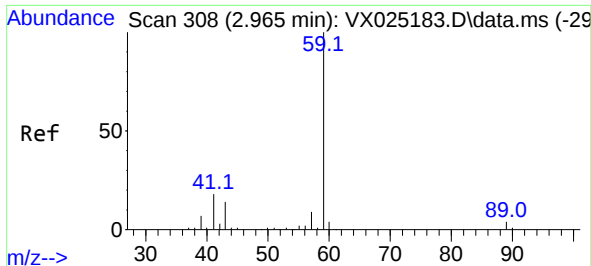
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 17.989 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

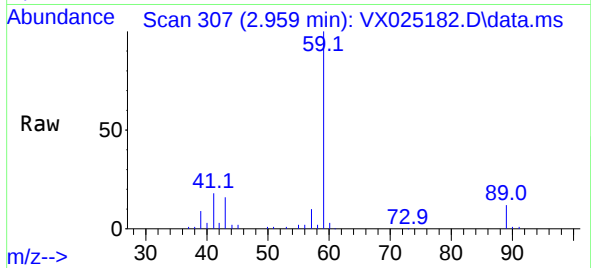
Tgt Ion:142 Resp: 27052
Ion Ratio Lower Upper
142 100
127 41.9 38.9 58.3
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 93.145 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

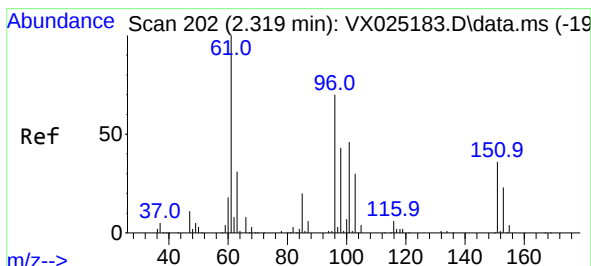
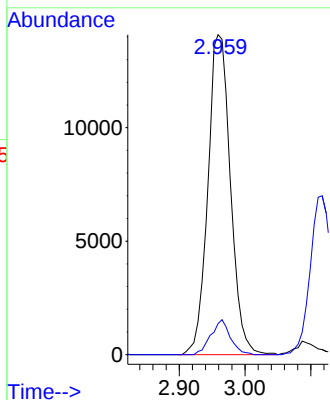
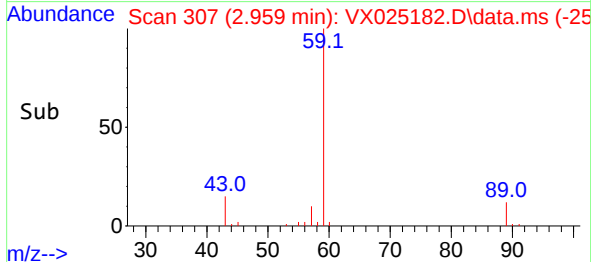
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



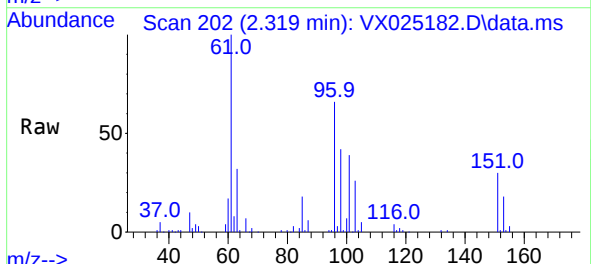
Tgt Ion: 59 Resp: 33729
Ion Ratio Lower Upper
59 100
57 9.4 8.5 12.7

Manual Integrations
APPROVED

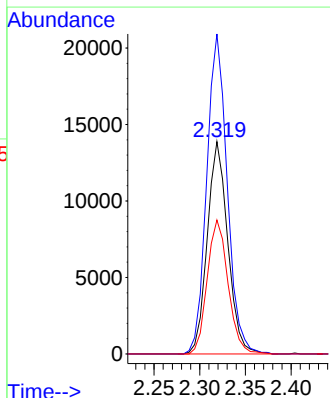
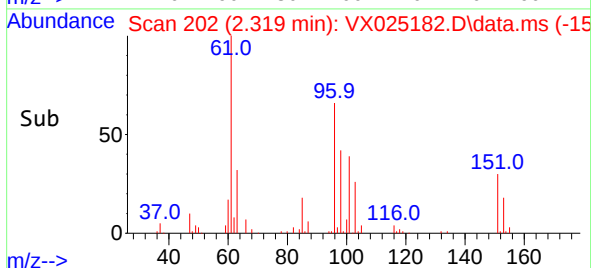
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

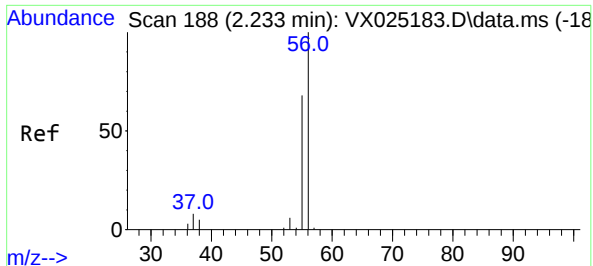


#12
1,1-Dichloroethene
Concen: 18.070 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



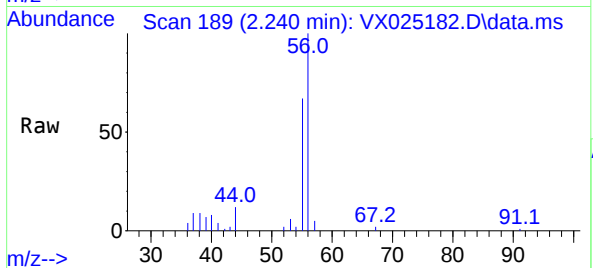
Tgt Ion: 96 Resp: 21651
Ion Ratio Lower Upper
96 100
61 150.7 134.1 201.1
98 63.1 51.5 77.3





#13
Acrolein
Concen: 95.288 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

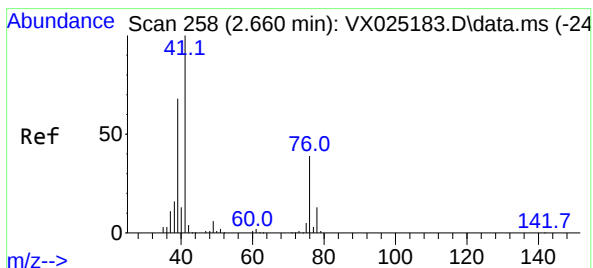
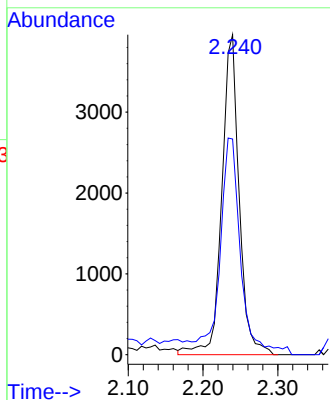
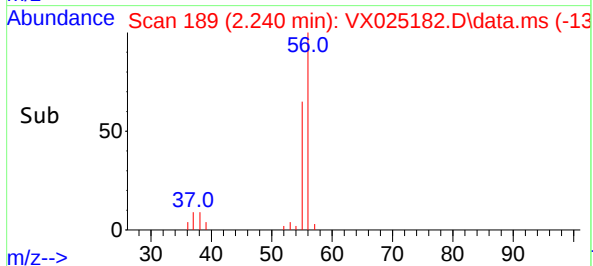
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



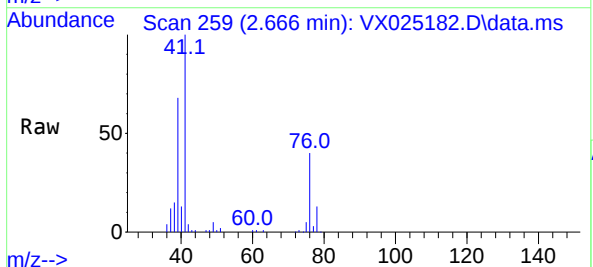
Tgt Ion: 56 Resp: 638
Ion Ratio Lower Upper
56 100
55 80.8 58.6 87.8

Manual Integrations
APPROVED

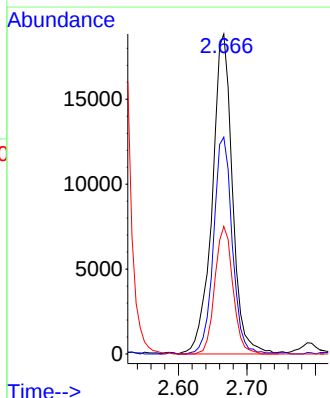
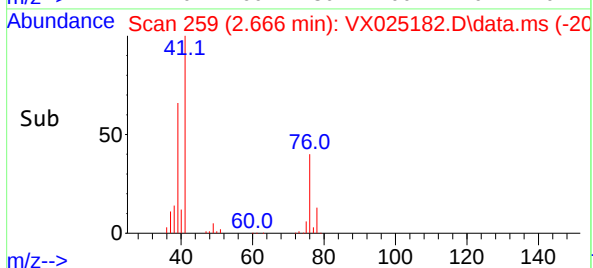
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

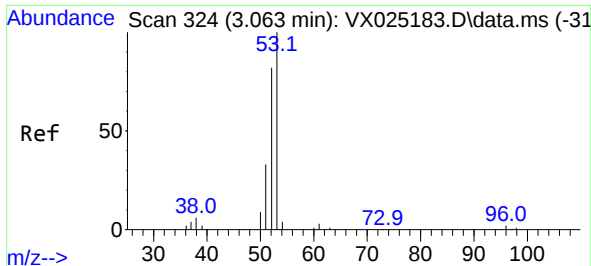


#14
Allyl chloride
Concen: 18.383 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



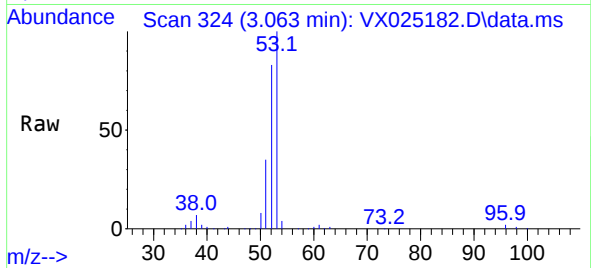
Tgt Ion: 41 Resp: 38616
Ion Ratio Lower Upper
41 100
39 62.6 54.6 82.0
76 35.3 25.3 37.9





#15
Acrylonitrile
Concen: 91.597 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

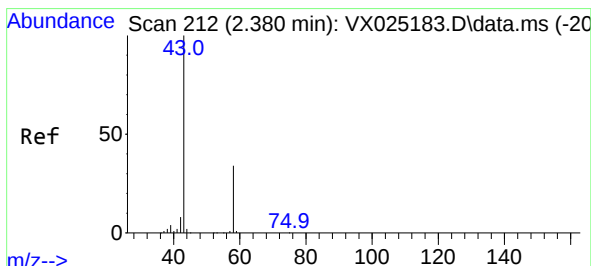
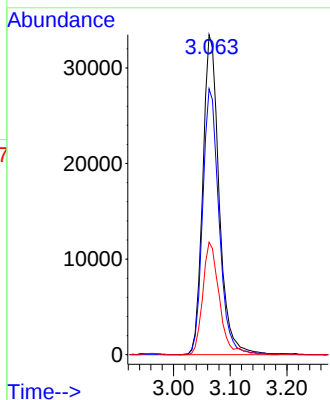
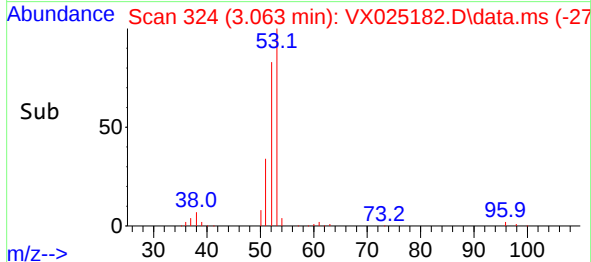
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



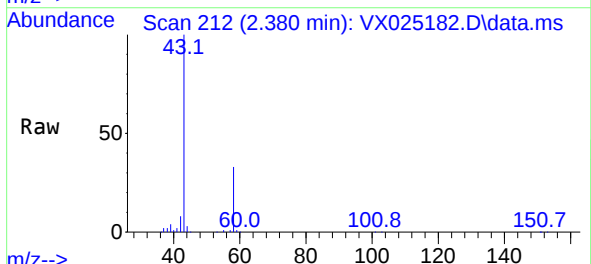
Tgt Ion: 53 Resp: 6730
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.4
51 35.8 29.8 44.8

Manual Integrations
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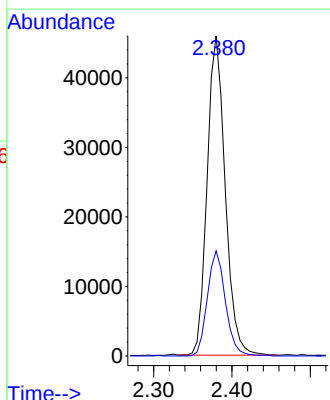
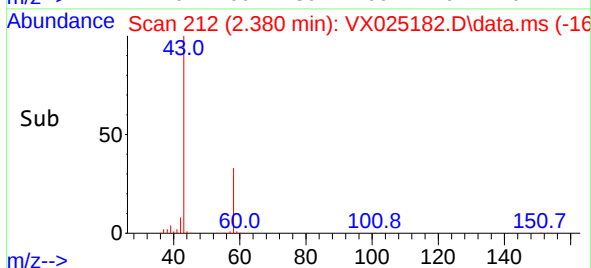
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

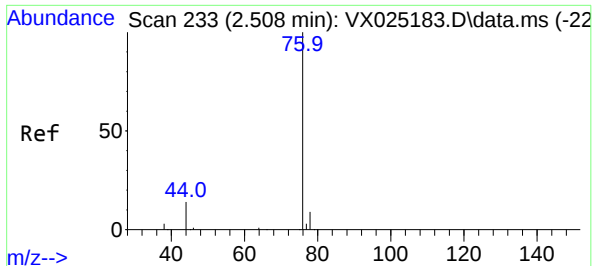


#16
Acetone
Concen: 96.104 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion: 43 Resp: 73421
Ion Ratio Lower Upper
43 100
58 32.9 24.0 36.0





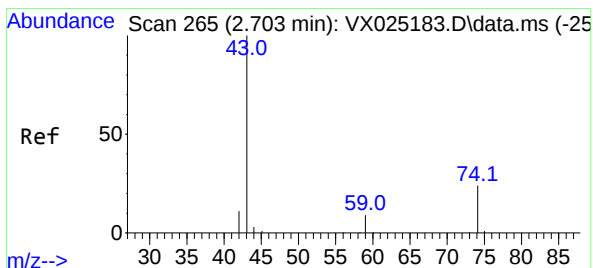
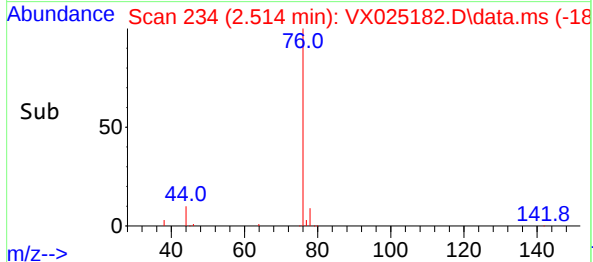
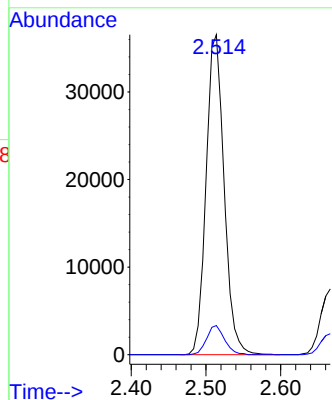
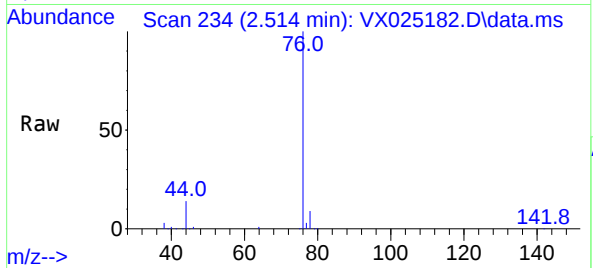
#17
Carbon Disulfide
Concen: 18.150 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 6101
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

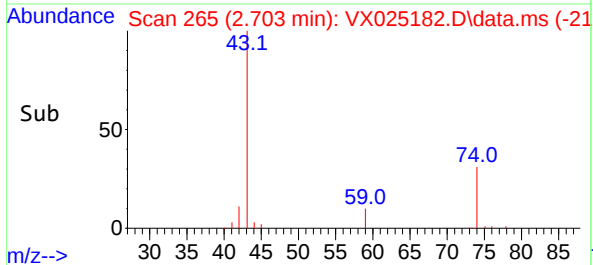
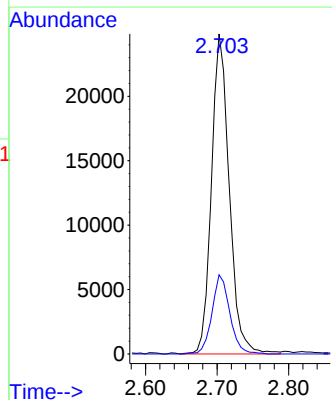
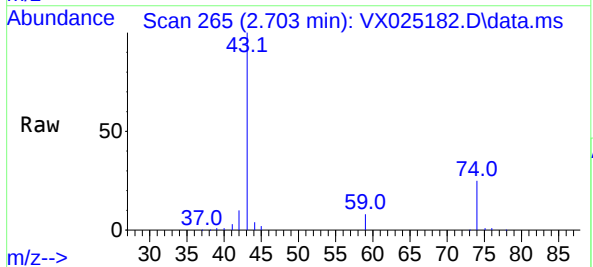
Manual Integrations
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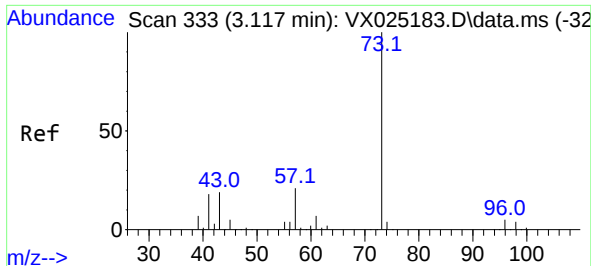
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 17.953 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 43 Resp: 42934
Ion Ratio Lower Upper
43 100
74 24.8 19.0 28.6





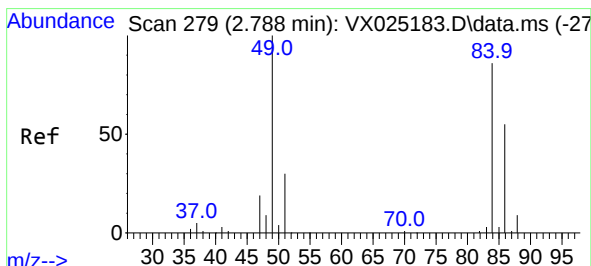
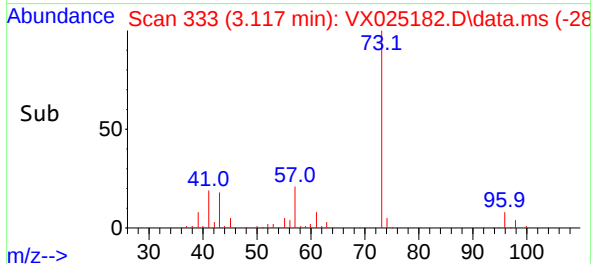
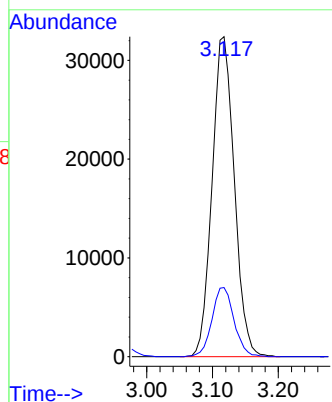
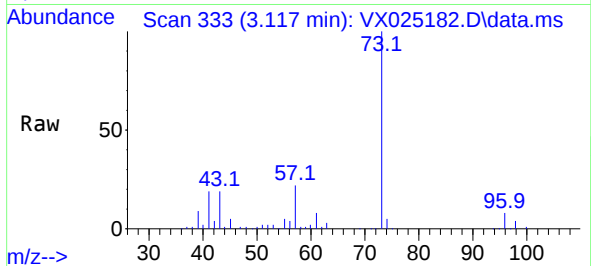
#19
Methyl tert-butyl Ether
Concen: 18.491 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 7617
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3

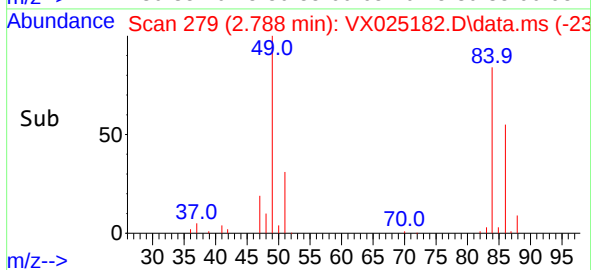
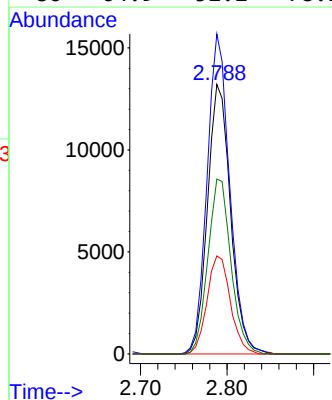
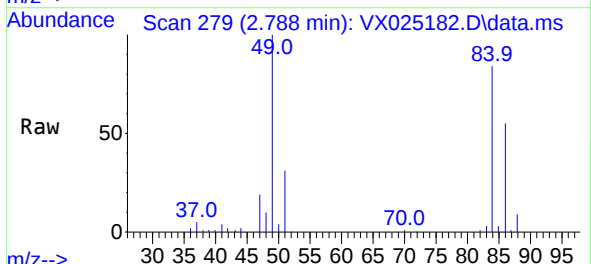
Manual Integrations
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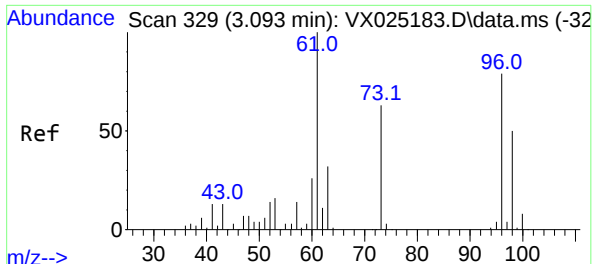
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 17.599 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

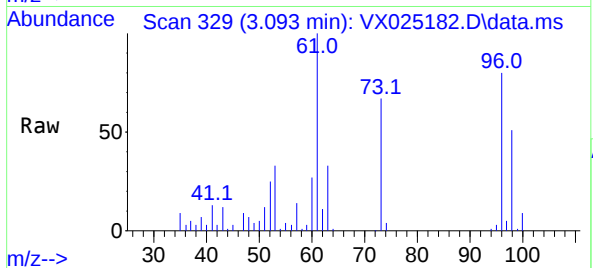
Tgt Ion: 84 Resp: 24455
Ion Ratio Lower Upper
84 100
49 118.7 98.2 147.2
51 36.4 30.2 45.4
86 64.9 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 18.421 ug/l
RT: 3.093 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

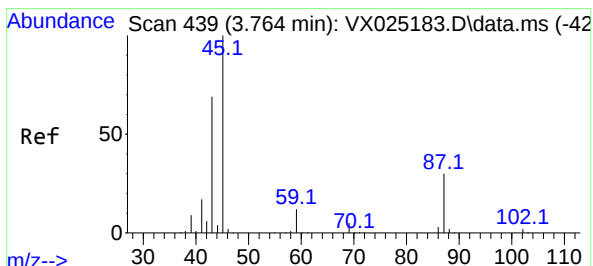
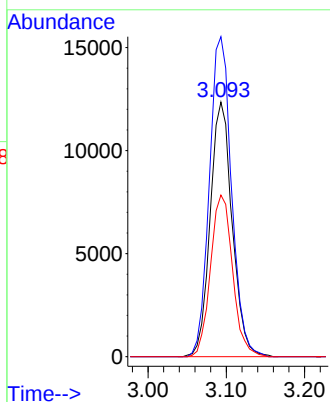
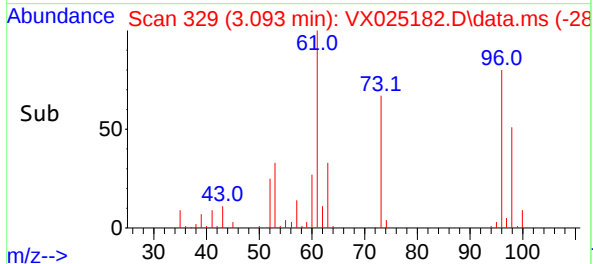
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



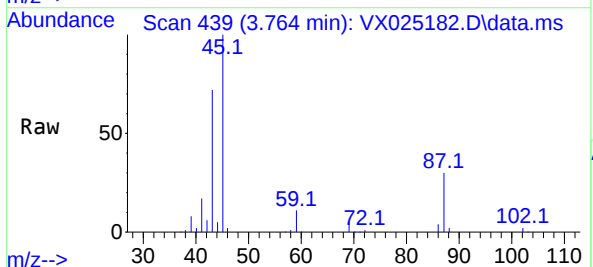
Tgt Ion: 96 Resp: 2412
Ion Ratio Lower Upper
96 100
61 125.7 117.9 176.9
98 63.5 51.1 76.7

Manual Integrations
APPROVED

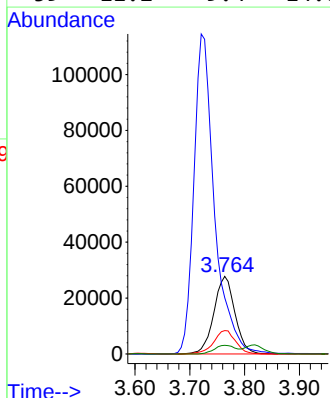
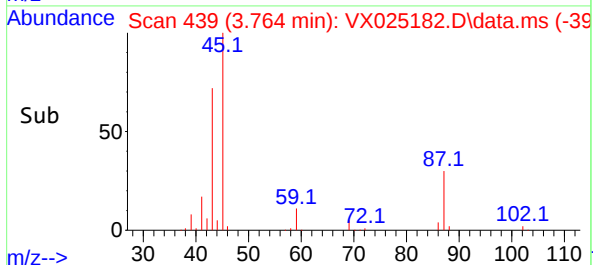
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

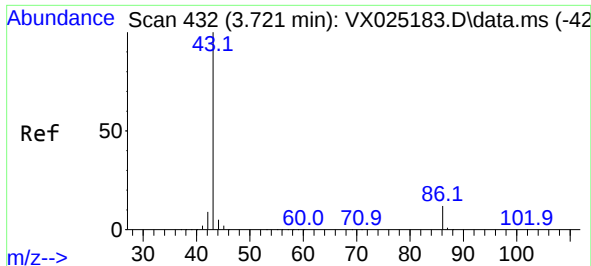


#22
Diisopropyl ether
Concen: 17.985 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion: 45 Resp: 74137
Ion Ratio Lower Upper
45 100
43 71.7 58.3 87.5
87 30.2 23.7 35.5
59 11.2 9.4 14.0





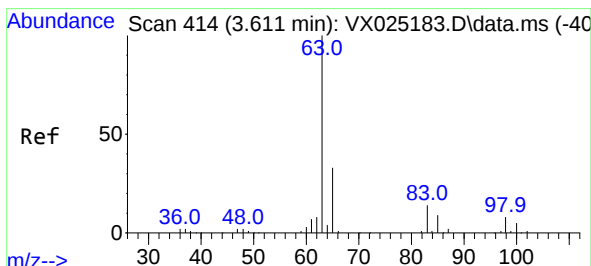
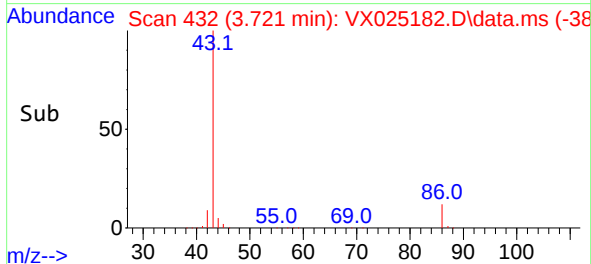
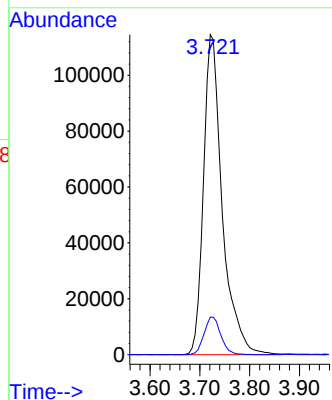
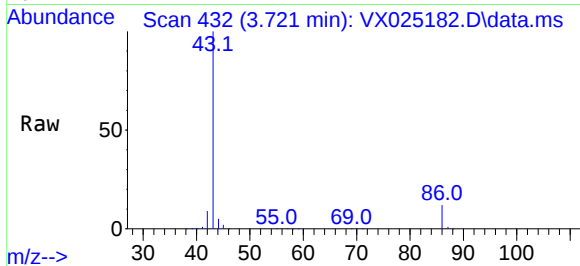
#23
 Vinyl Acetate
 Concen: 90.588 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025182.D
 Acq: 17 Nov 2021 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 29929
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.2 12.4

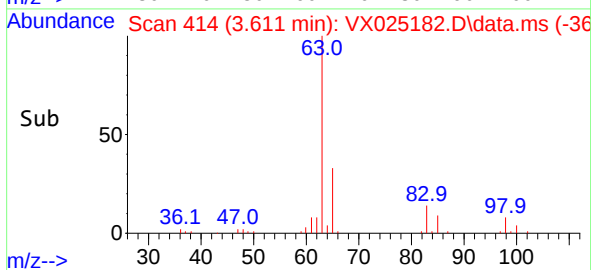
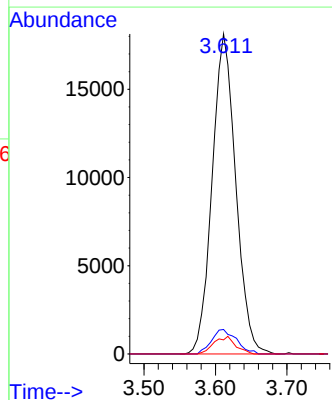
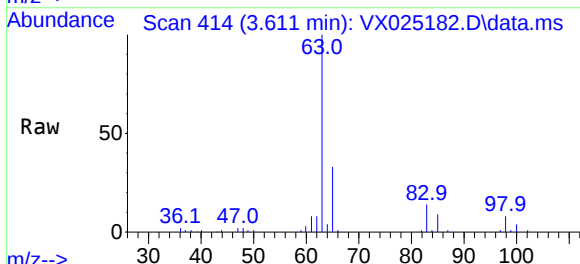
Manual Integrations
 APPROVED

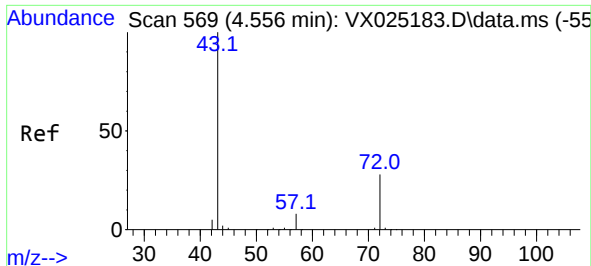
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 18.449 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX025182.D
 Acq: 17 Nov 2021 11:18

Tgt Ion: 63 Resp: 41563
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 4.4 2.1 6.2





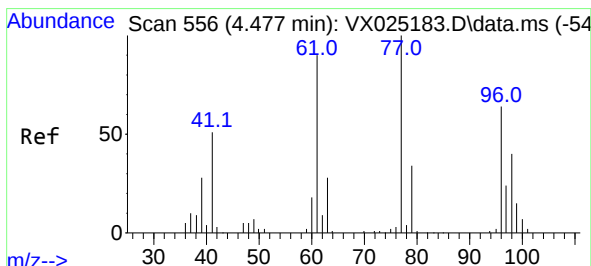
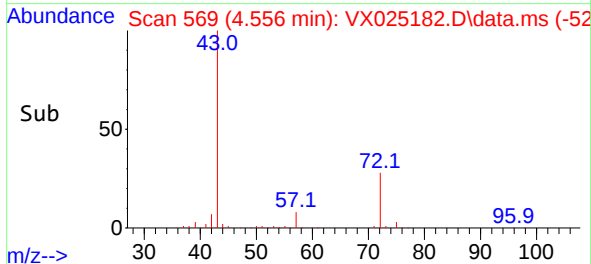
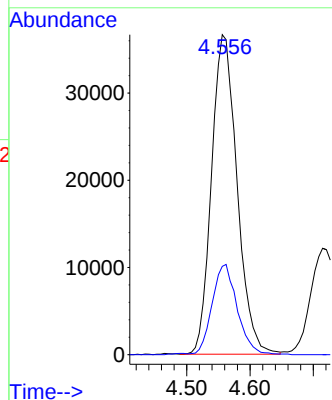
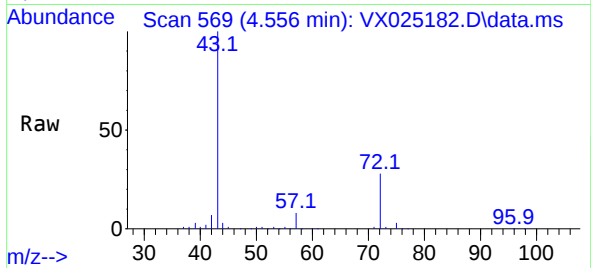
#25
2-Butanone
Concen: 92.078 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 102670
Ion Ratio Lower Upper
43 100
72 27.5 21.2 31.8

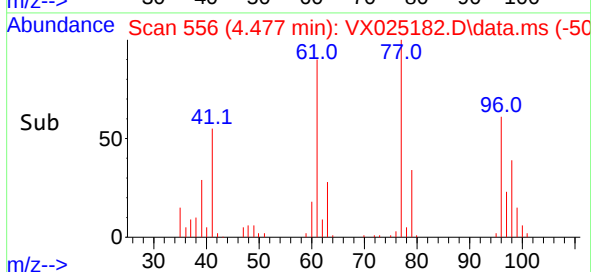
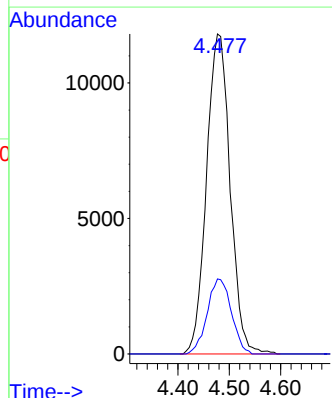
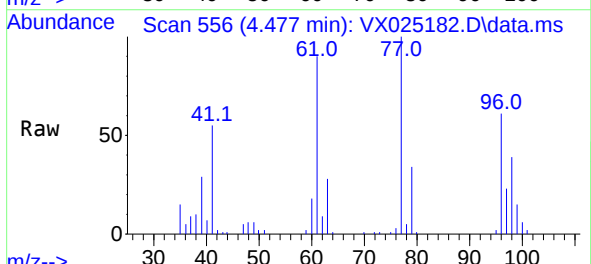
Manual Integrations
APPROVED

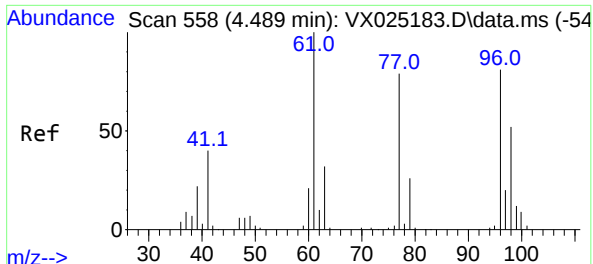
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 18.206 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 77 Resp: 37700
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.5





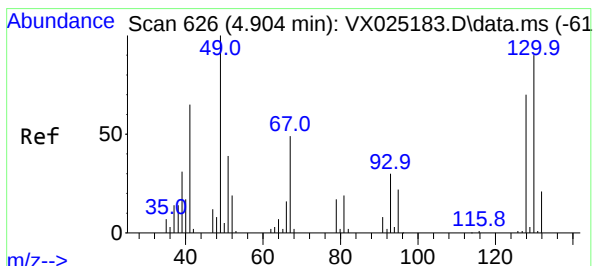
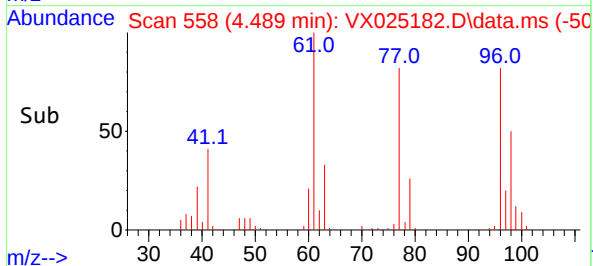
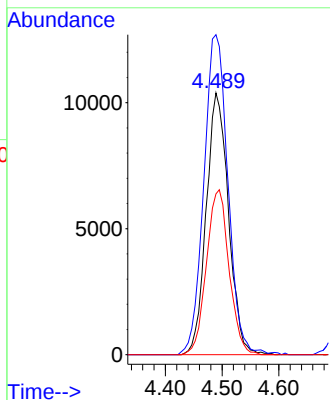
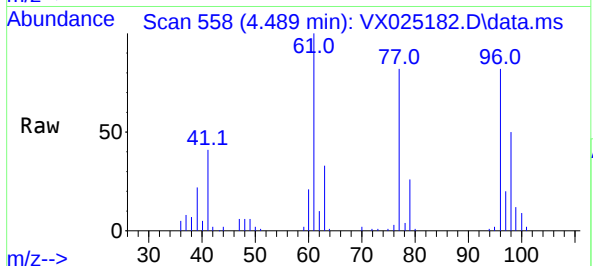
#27
cis-1,2-Dichloroethene
Concen: 18.585 ug/l
RT: 4.489 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 2836
Ion Ratio Lower Upper
96 100
61 132.2 0.0 302.2
98 63.9 0.0 131.4

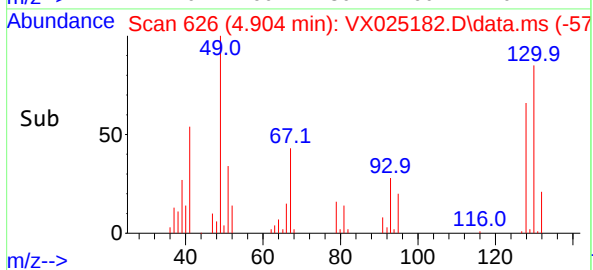
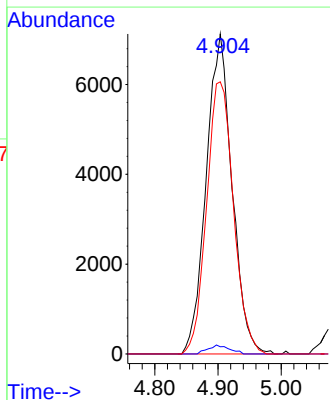
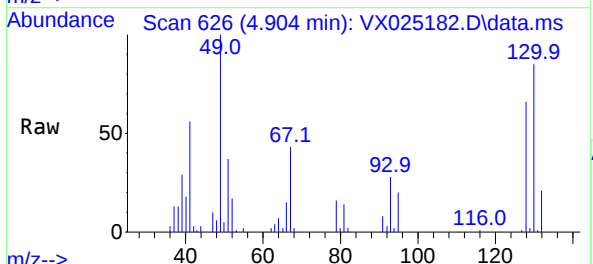
Manual Integrations
APPROVED

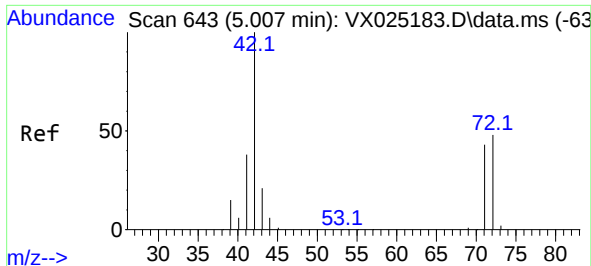
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 19.368 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 49 Resp: 20229
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 88.4 65.2 97.8





#29

Tetrahydrofuran

Concen: 90.880 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 6132

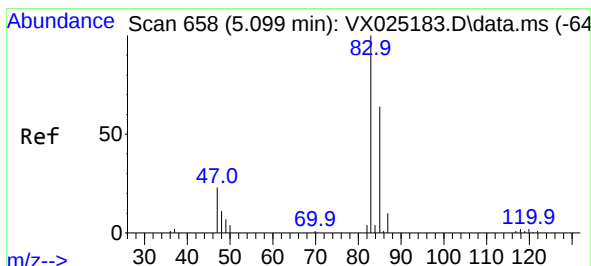
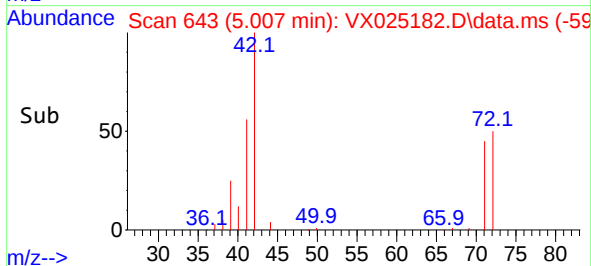
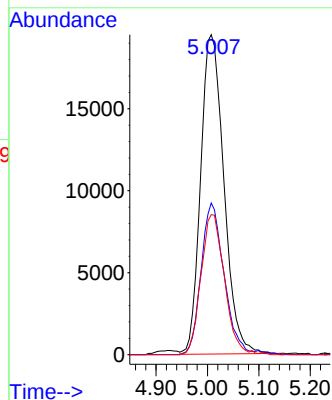
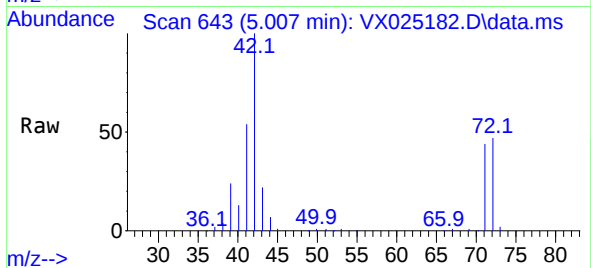
Ion	Ratio	Lower	Upper
42	100		
72	47.4	36.1	54.1
71	44.1	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 18.590 ug/l

RT: 5.099 min Scan# 658

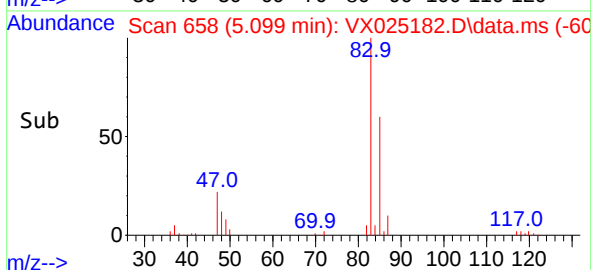
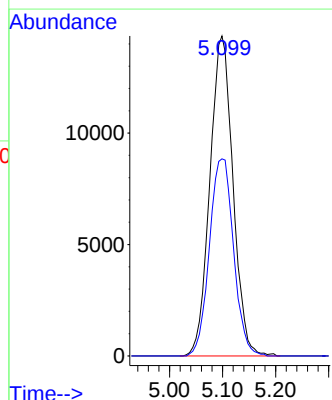
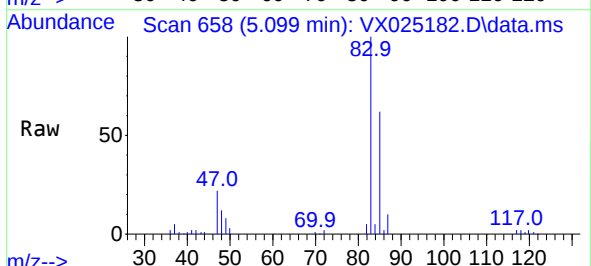
Delta R.T. 0.000 min

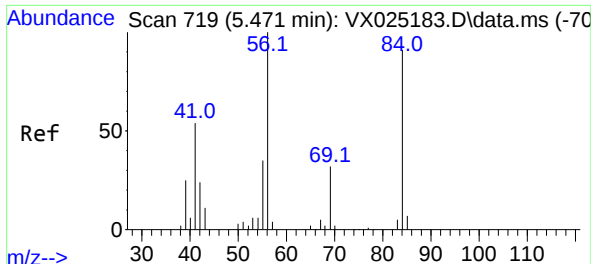
Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Tgt Ion: 83 Resp: 43421

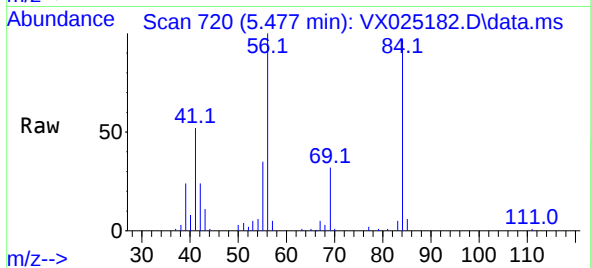
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.2	75.2





#31
Cyclohexane
Concen: 18.189 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

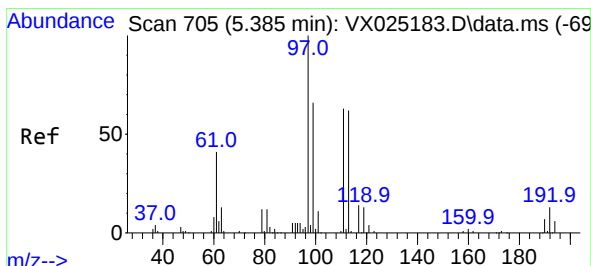
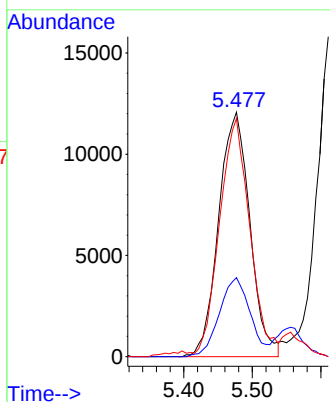
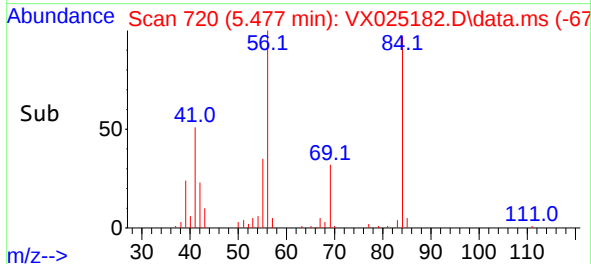
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



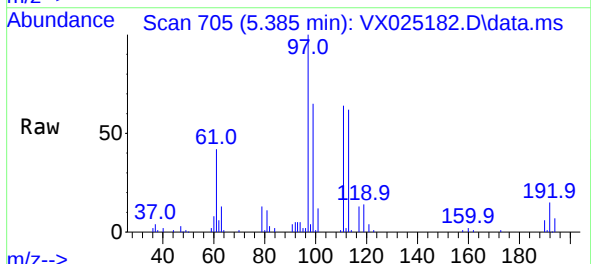
Tgt Ion: 56 Resp: 3822
Ion Ratio Lower Upper
56 100
69 32.3 24.2 36.2
84 96.0 71.5 107.3

Manual Integrations
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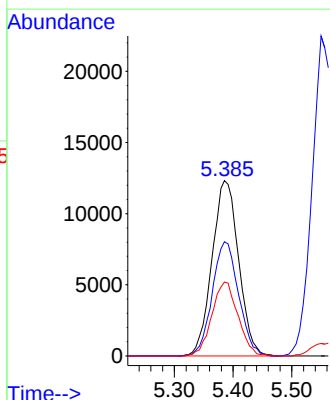
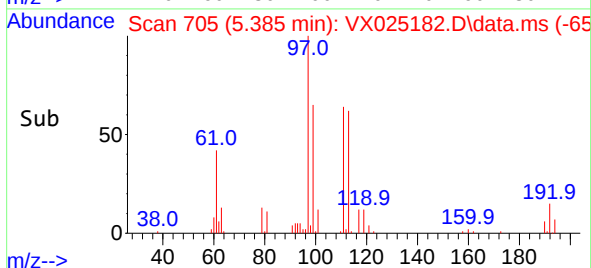
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

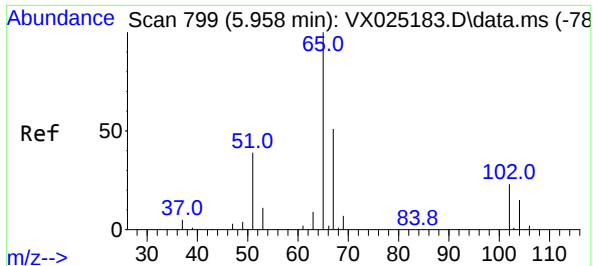


#32
1,1,1-Trichloroethane
Concen: 18.276 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion: 97 Resp: 38740
Ion Ratio Lower Upper
97 100
99 64.6 50.9 76.3
61 41.3 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 19.387 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2542

Ion Ratio Lower Upper

65 100

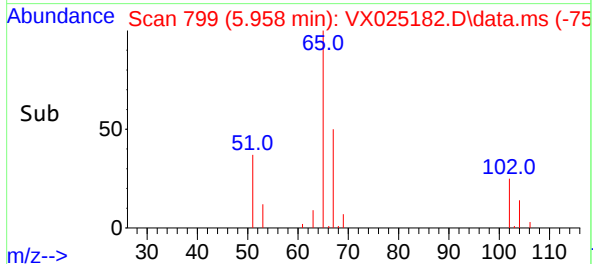
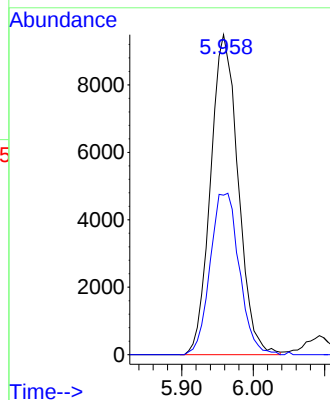
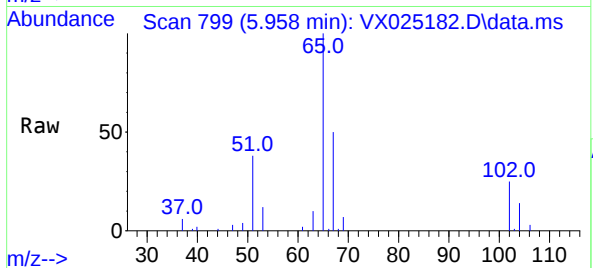
67 53.3 0.0 101.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

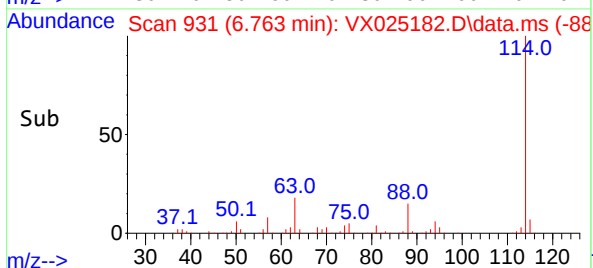
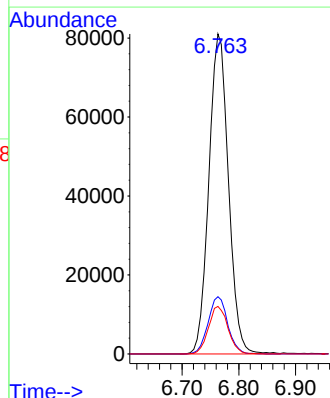
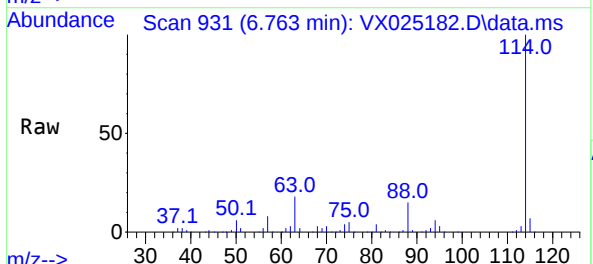
Tgt Ion:114 Resp: 194200

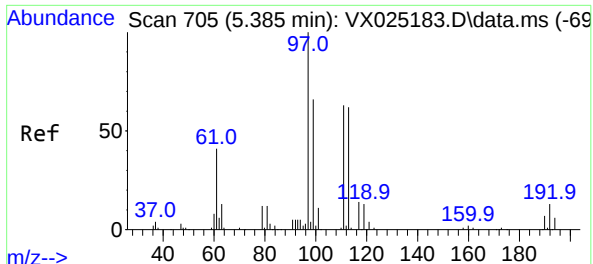
Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.0

88 14.9 0.0 34.8





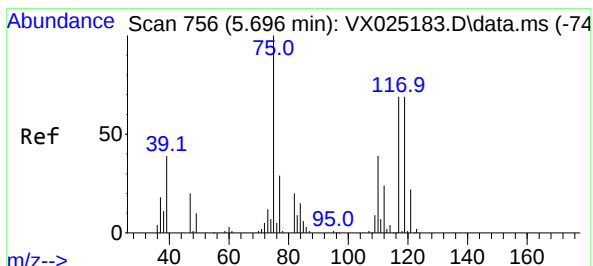
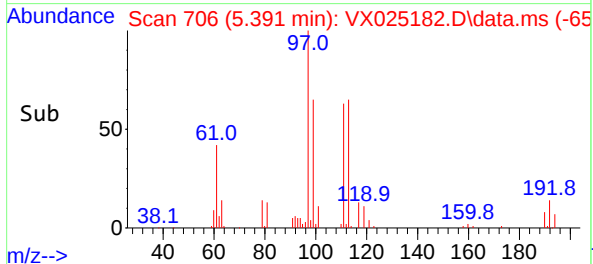
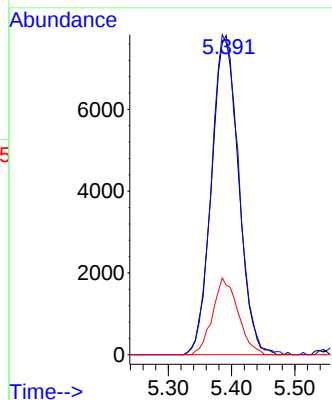
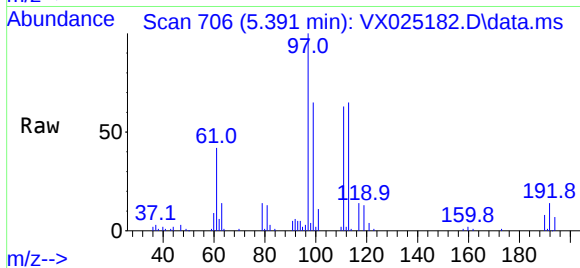
#35
Dibromofluoromethane
Concen: 19.142 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 2313
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 22.6 15.6 23.4

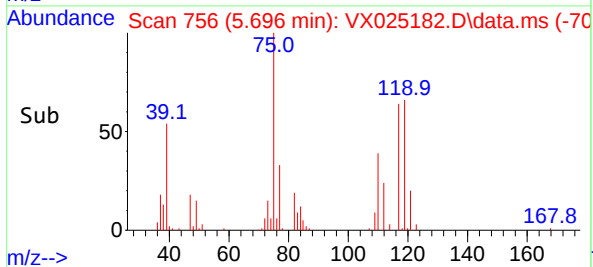
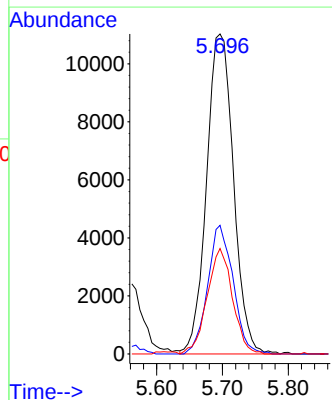
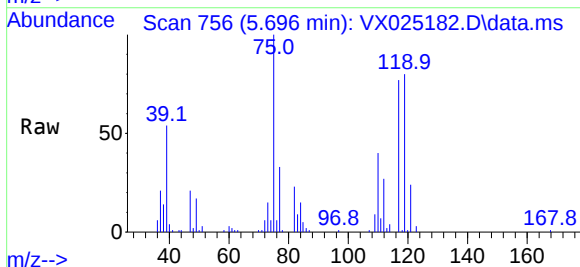
Manual Integrations
APPROVED

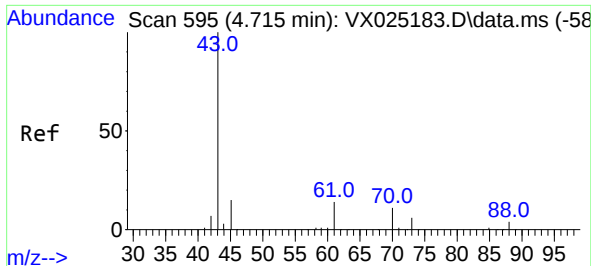
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 18.134 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 75 Resp: 31491
Ion Ratio Lower Upper
75 100
110 38.0 18.1 54.3
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 17.626 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 36120

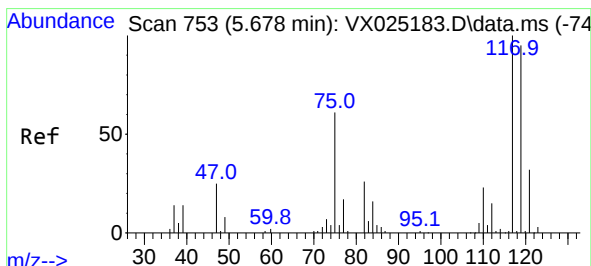
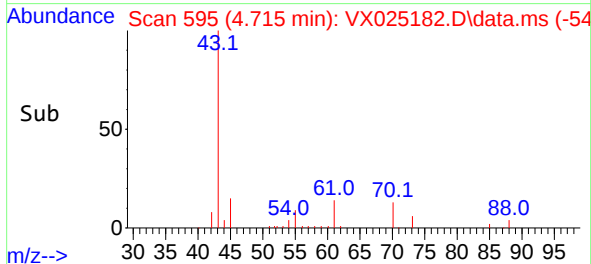
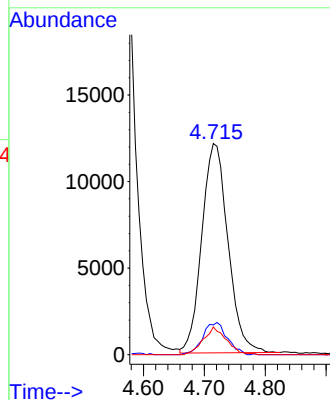
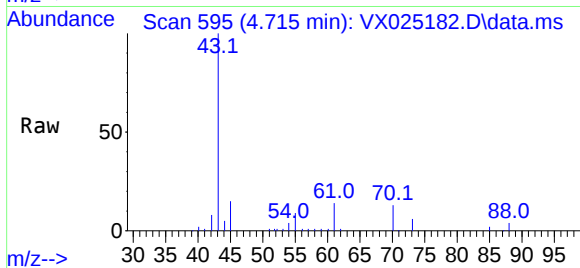
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.0
70	11.6	8.6	12.8

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#38

Carbon Tetrachloride

Concen: 18.502 ug/l

RT: 5.684 min Scan# 754

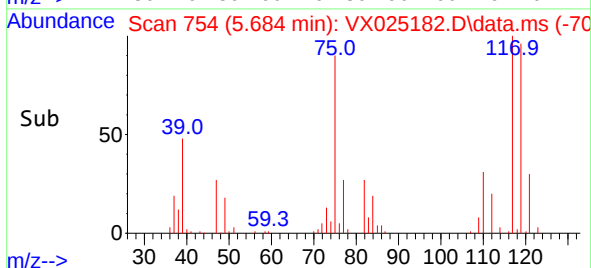
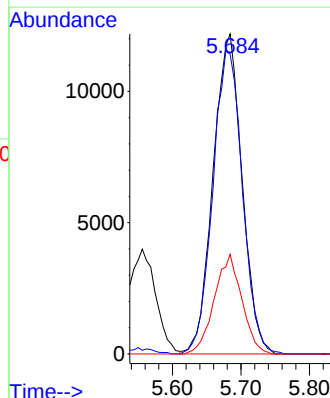
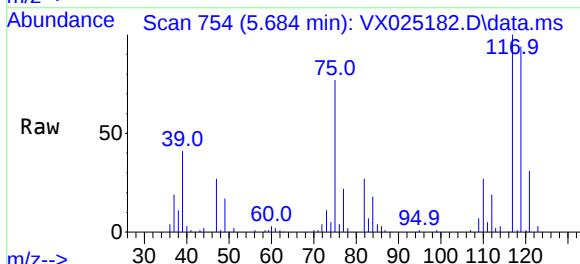
Delta R.T. 0.006 min

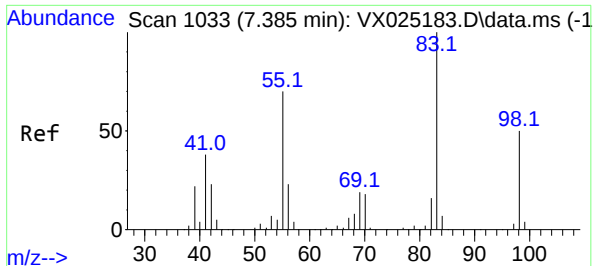
Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Tgt Ion:117 Resp: 35732

Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.6	113.4
121	31.2	23.7	35.5





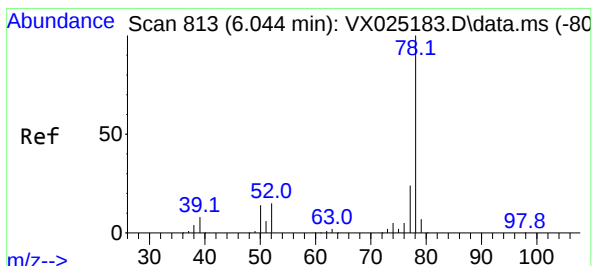
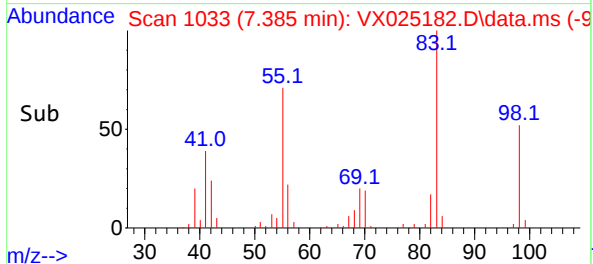
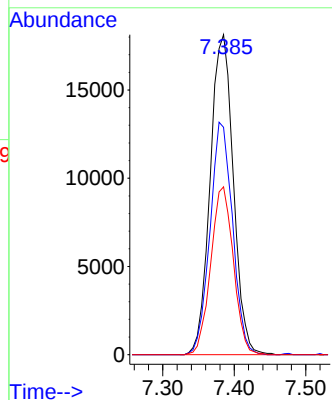
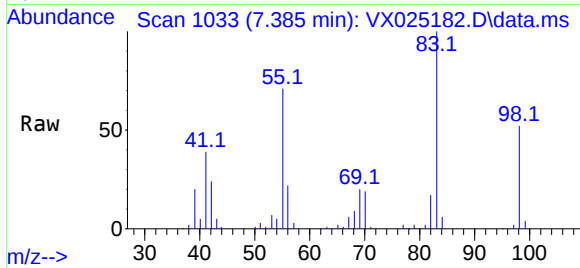
#39
Methylcyclohexane
Concen: 17.742 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4071
Ion Ratio Lower Upper
83 100
55 71.1 60.8 91.2
98 52.5 37.0 55.4

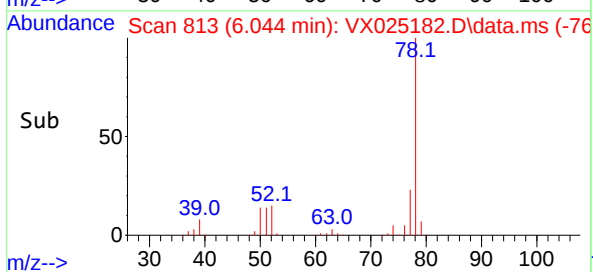
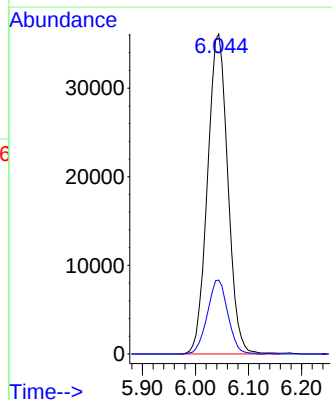
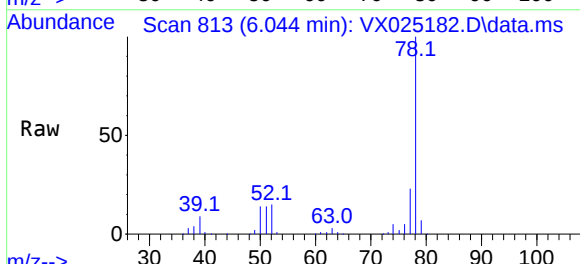
Manual Integrations
APPROVED

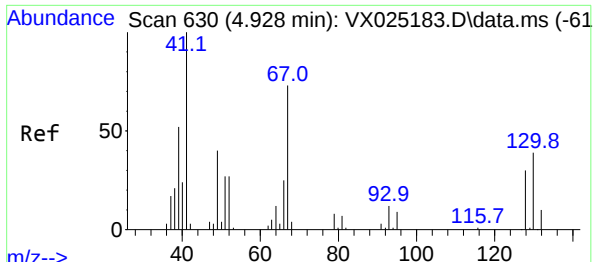
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 18.240 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 78 Resp: 96270
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5





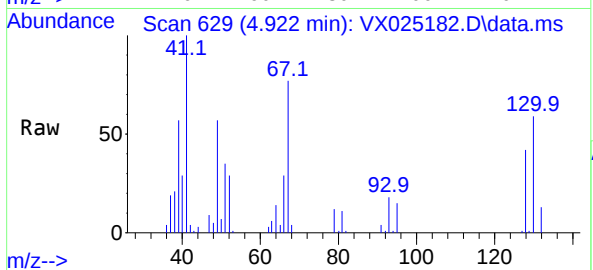
#41
Methacrylonitrile
Concen: 17.010 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

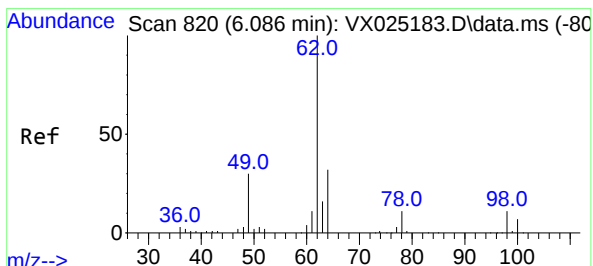
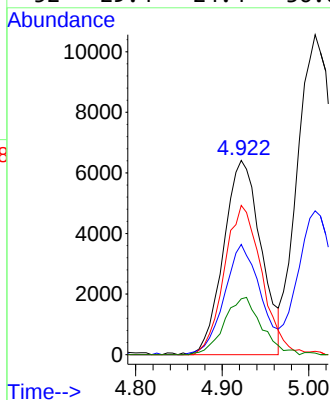
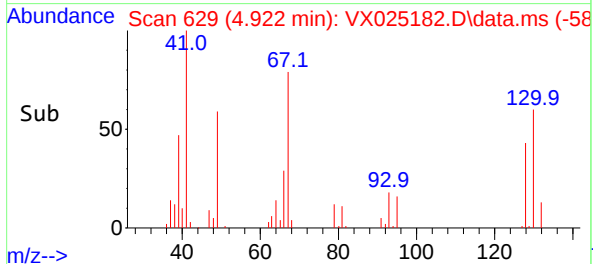


Tgt Ion: 41 Resp: 19269
Ion Ratio Lower Upper
41 100
39 54.9 44.6 67.0
67 77.3 56.7 85.1
52 29.4 24.4 36.6

Manual Integrations

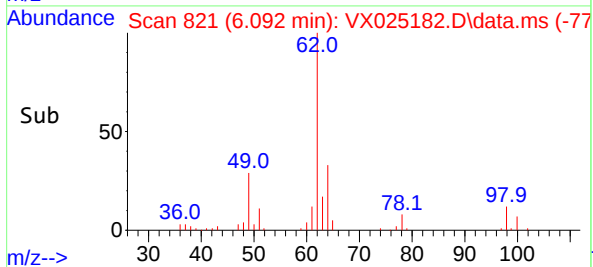
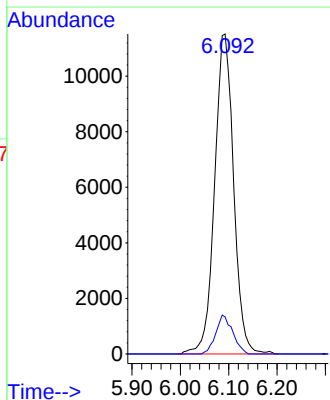
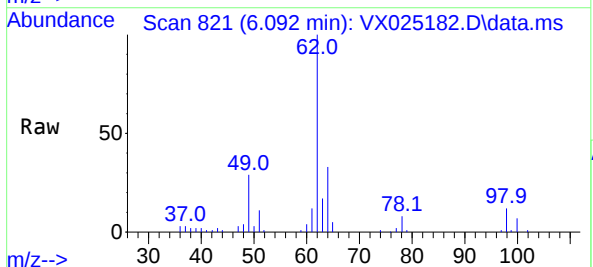
APPROVED

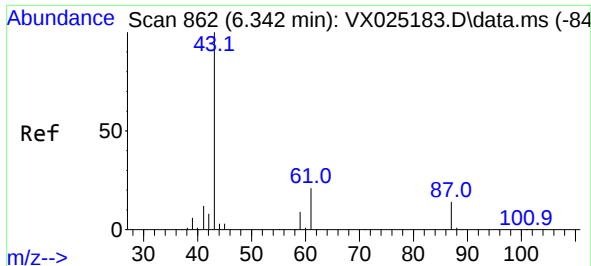
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 18.501 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 62 Resp: 31415
Ion Ratio Lower Upper
62 100
98 10.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.012 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 6036

Ion Ratio Lower Upper

43 100

61 20.4 15.3 22.9

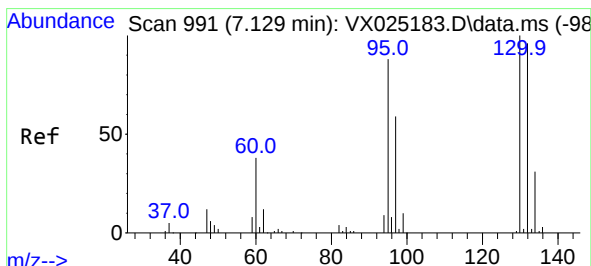
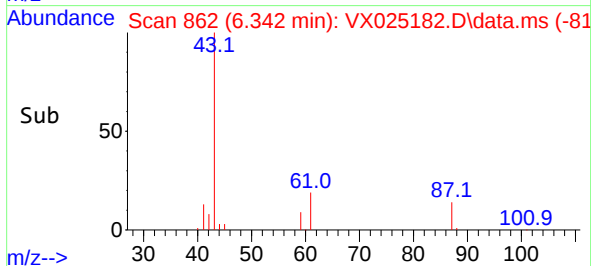
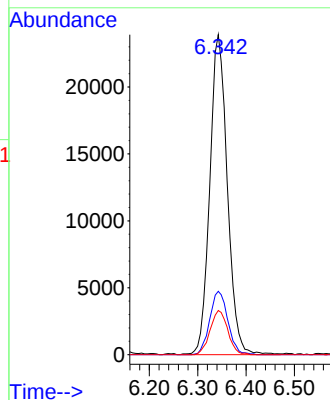
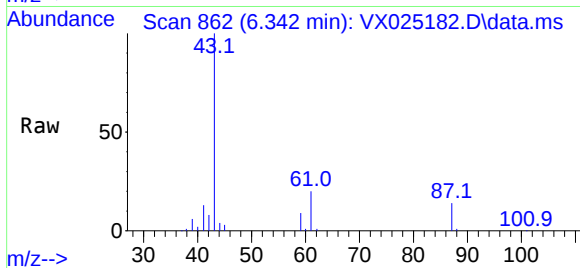
87 13.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#44

Trichloroethene

Concen: 18.437 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX025182.D

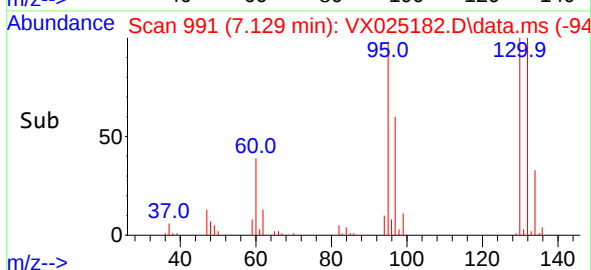
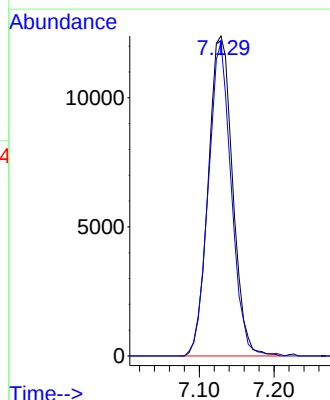
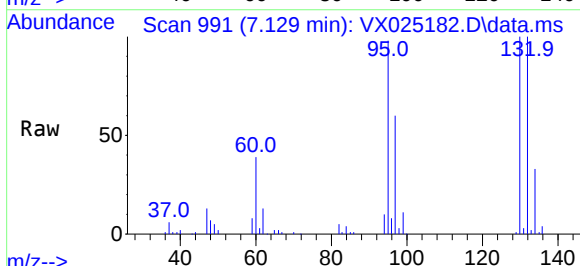
Acq: 17 Nov 2021 11:18

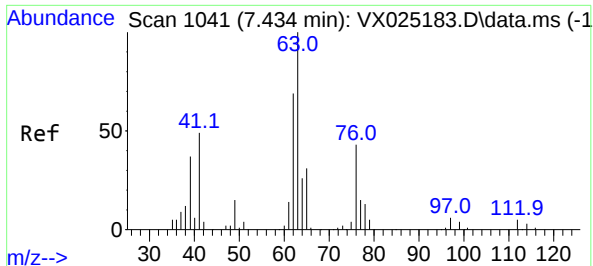
Tgt Ion:130 Resp: 28138

Ion Ratio Lower Upper

130 100

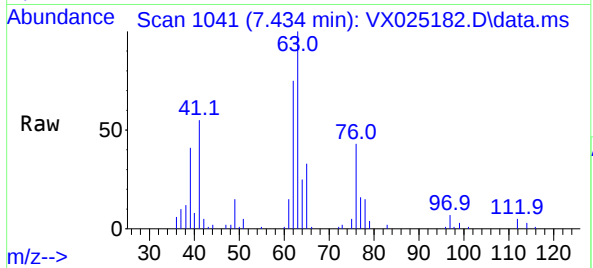
95 97.9 0.0 196.8





#45
1,2-Dichloropropane
Concen: 18.042 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

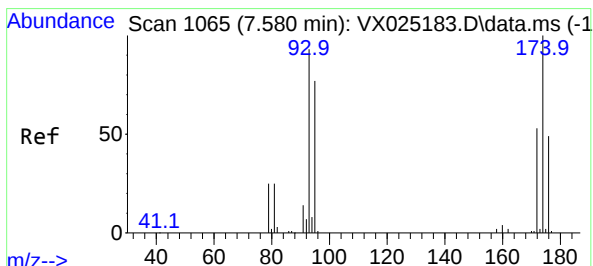
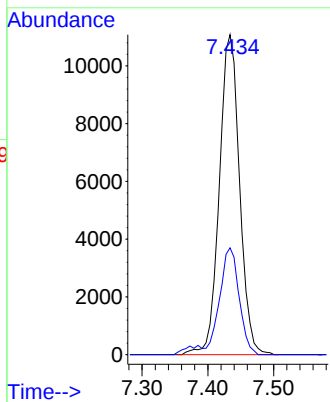
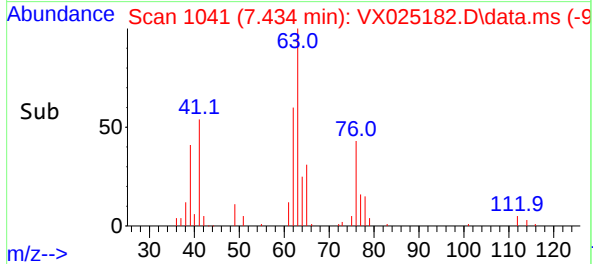
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 63 Resp: 2372
Ion Ratio Lower Upper
63 100
65 33.4 25.1 37.7

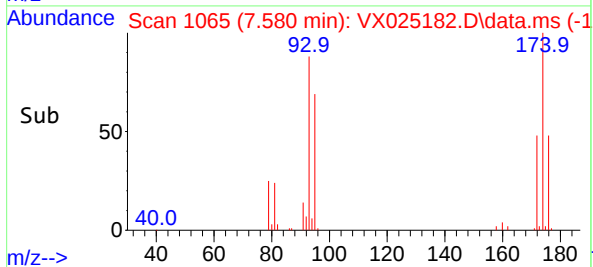
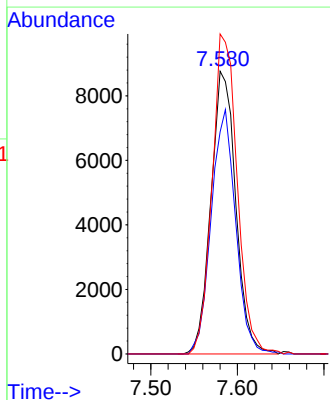
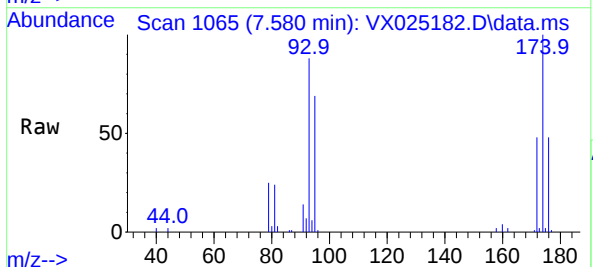
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#46
Dibromomethane
Concen: 18.471 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

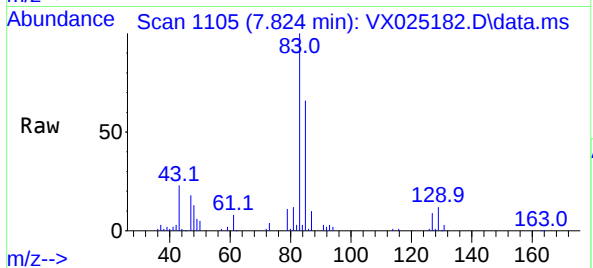
Tgt Ion: 93 Resp: 17468
Ion Ratio Lower Upper
93 100
95 85.0 66.6 100.0
174 114.4 79.2 118.8





#47
Bromodichloromethane
Concen: 18.272 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

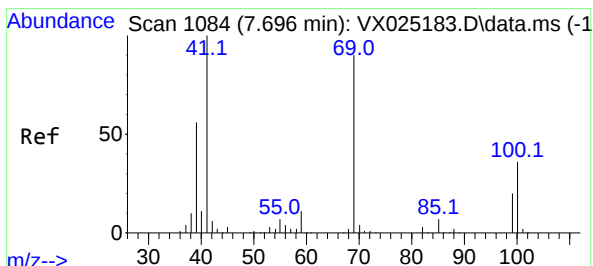
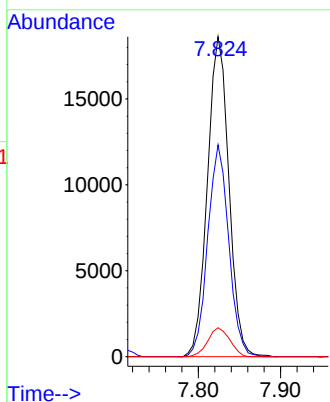
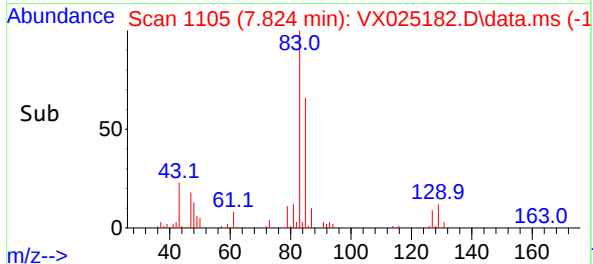
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



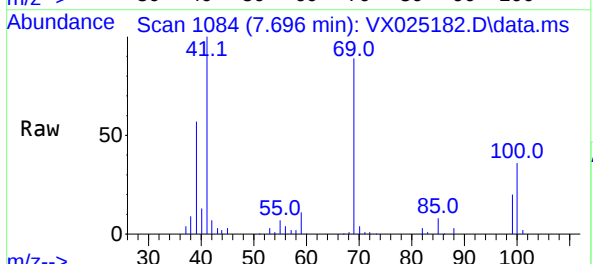
Tgt Ion: 83 Resp: 33779
Ion Ratio Lower Upper
83 100
85 66.2 53.5 80.3
127 9.1 7.7 11.5

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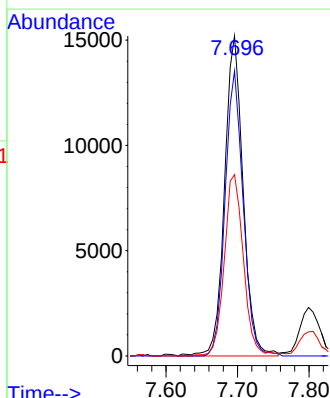
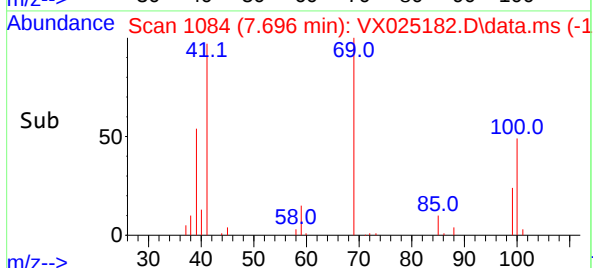
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

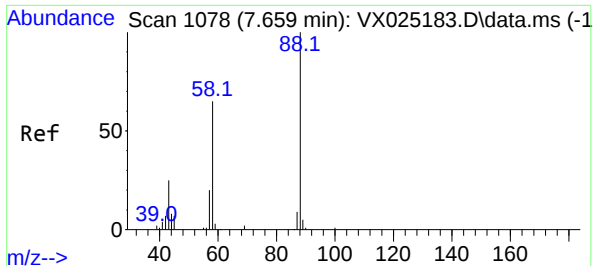


#48
Methyl methacrylate
Concen: 17.625 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion: 41 Resp: 27388
Ion Ratio Lower Upper
41 100
69 86.9 64.5 96.7
39 58.5 46.9 70.3





#49

1,4-Dioxane

Concen: 383.327 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1303

Ion Ratio Lower Upper

88 100

43 30.6 27.0 40.6

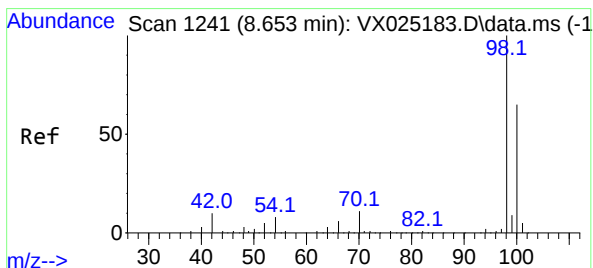
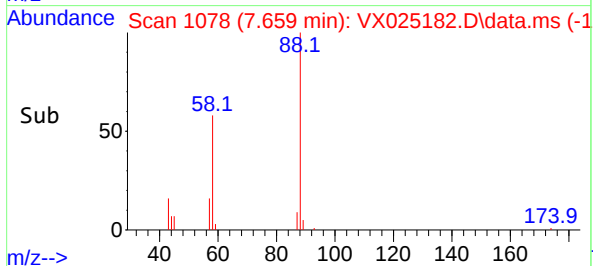
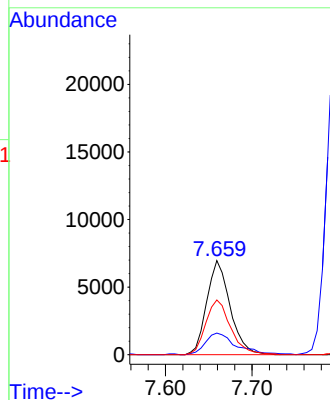
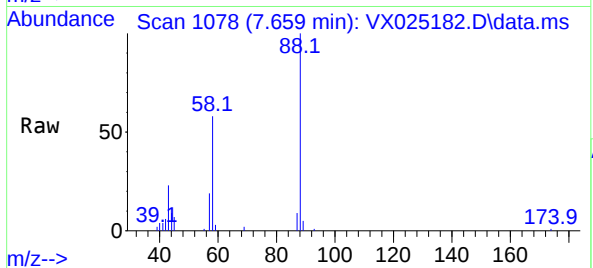
58 62.0 55.2 82.8

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 18.969 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX025182.D

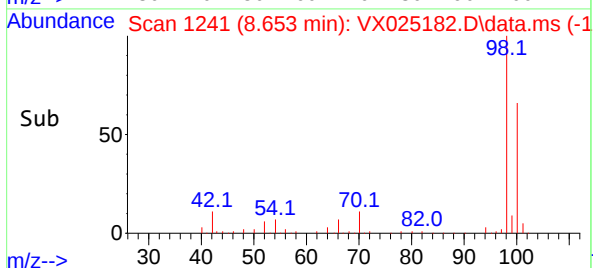
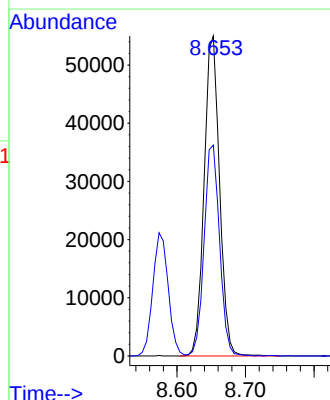
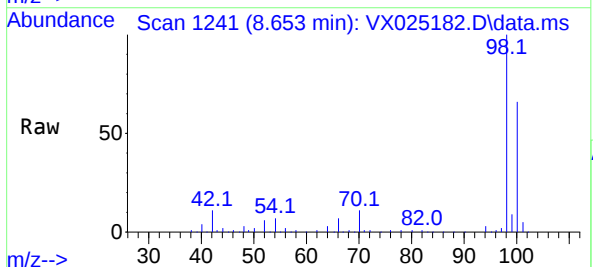
Acq: 17 Nov 2021 11:18

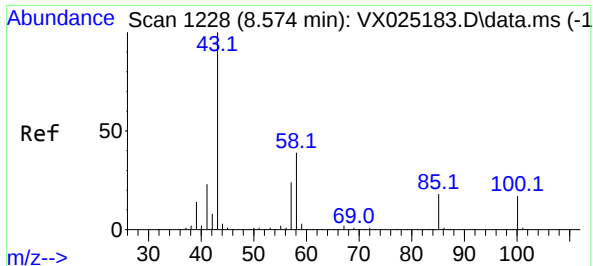
Tgt Ion: 98 Resp: 86274

Ion Ratio Lower Upper

98 100

100 66.0 51.4 77.0





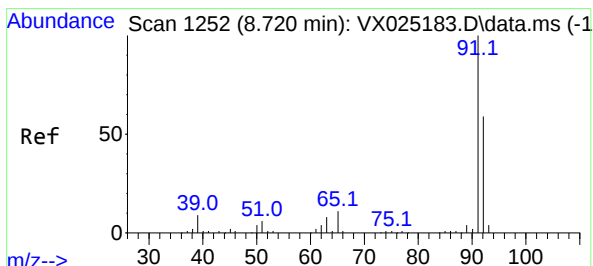
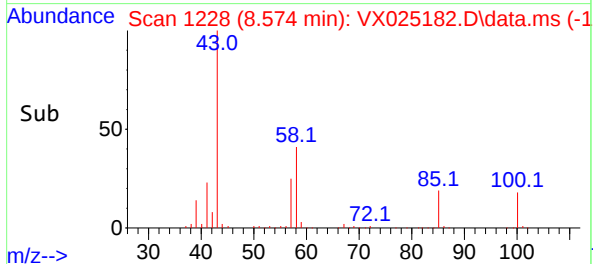
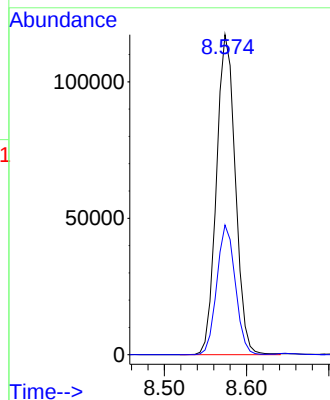
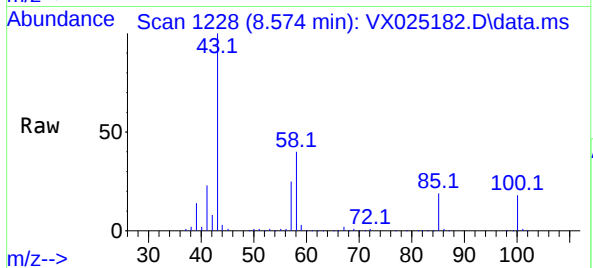
#51
4-Methyl-2-Pentanone
Concen: 88.479 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 18729
Ion Ratio Lower Upper
43 100
58 39.6 30.9 46.3

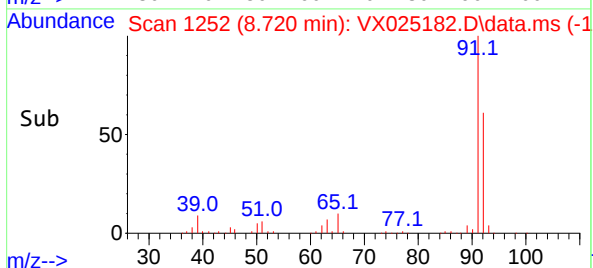
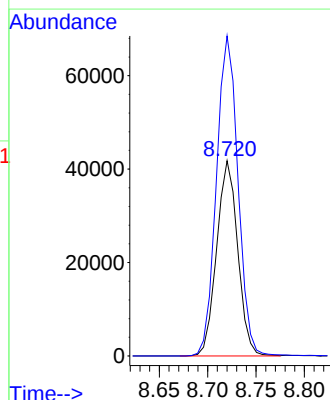
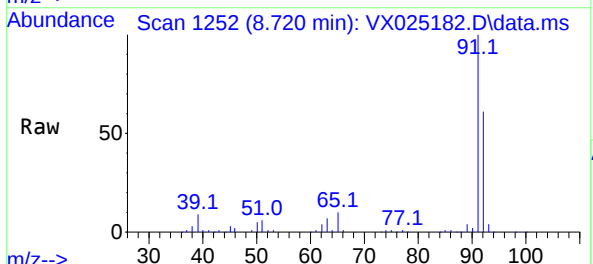
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 18.257 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 92 Resp: 63254
Ion Ratio Lower Upper
92 100
91 168.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 17.942 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 3731

Ion Ratio Lower Upper

75 100

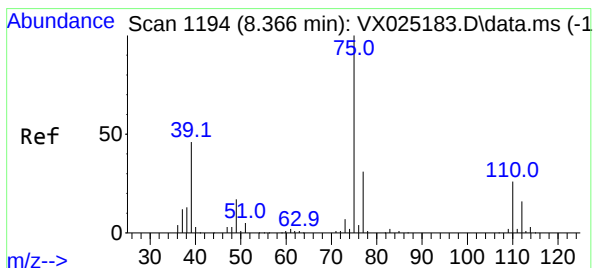
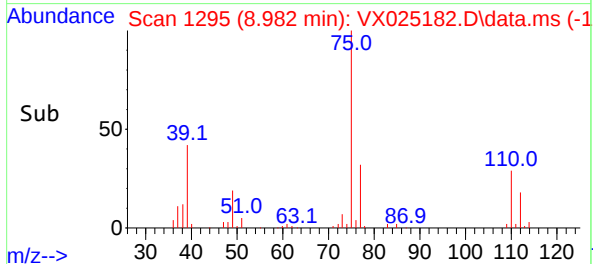
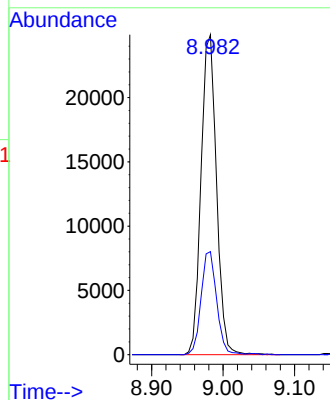
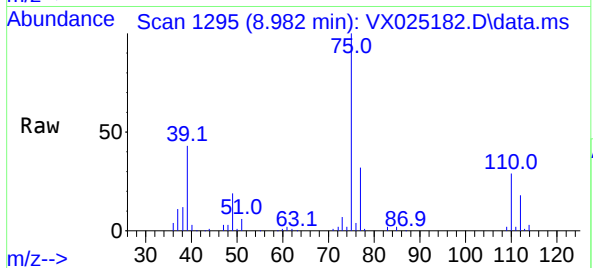
77 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#54

cis-1,3-Dichloropropene

Concen: 18.329 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

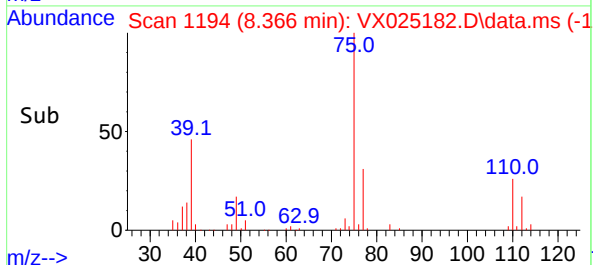
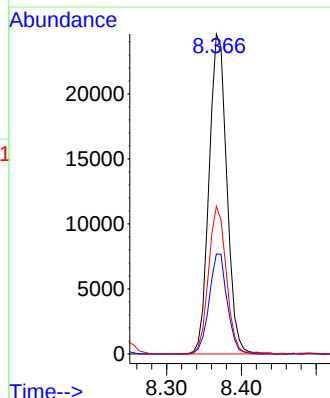
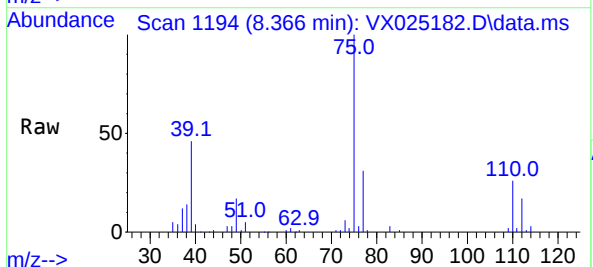
Tgt Ion: 75 Resp: 40483

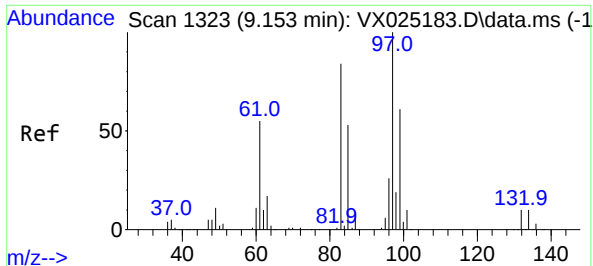
Ion Ratio Lower Upper

75 100

77 31.3 23.8 35.8

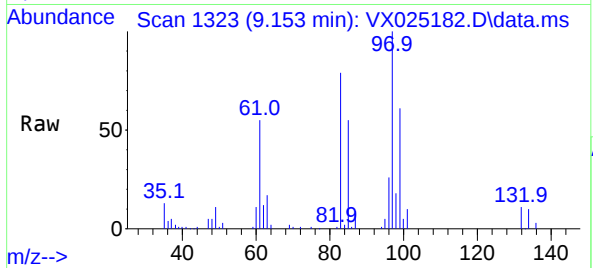
39 46.2 38.8 58.2





#55
1,1,2-Trichloroethane
Concen: 17.921 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

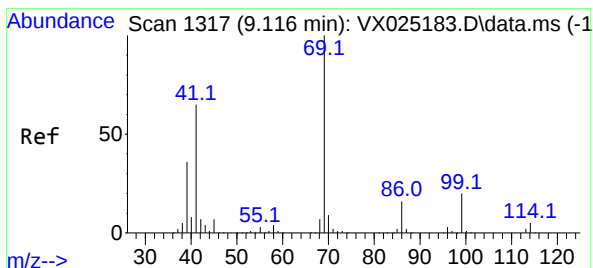
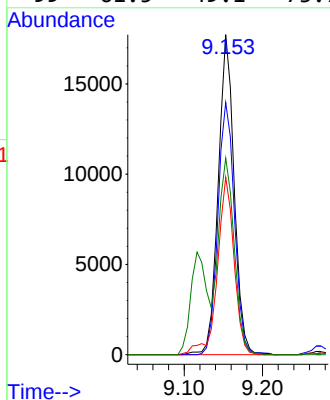
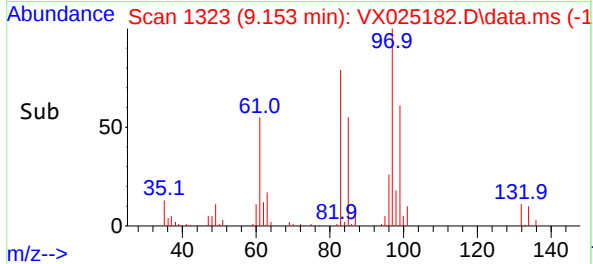


Tgt Ion: 97 Resp: 25129

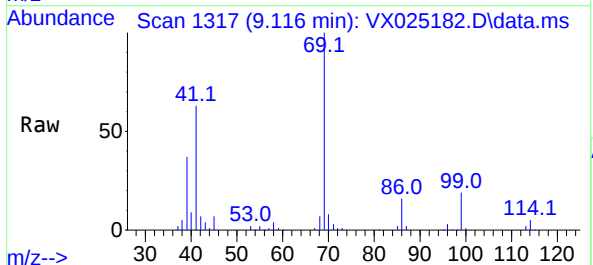
Ion	Ratio	Lower	Upper
97	100		
83	78.8	69.2	103.8
85	55.4	43.3	64.9
99	61.5	49.1	73.7

Manual Integrations
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Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

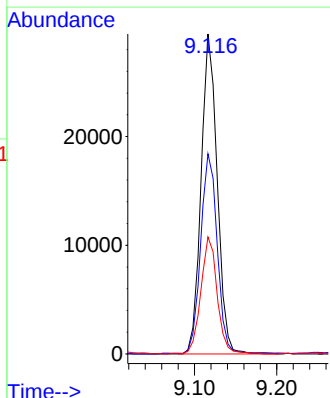
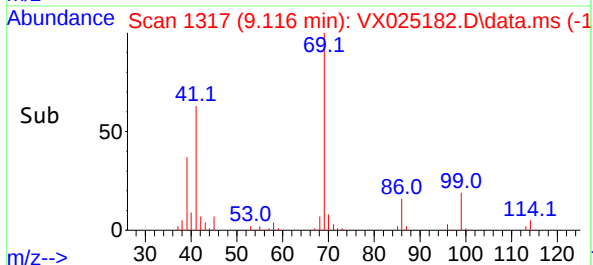


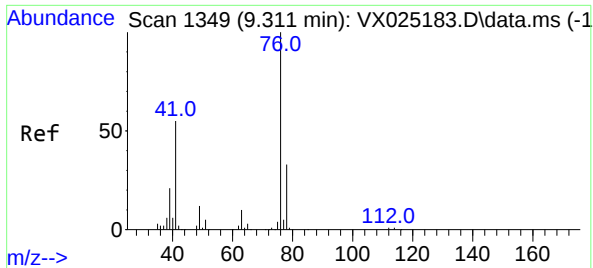
#56
Ethyl methacrylate
Concen: 18.100 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion: 69 Resp: 40095

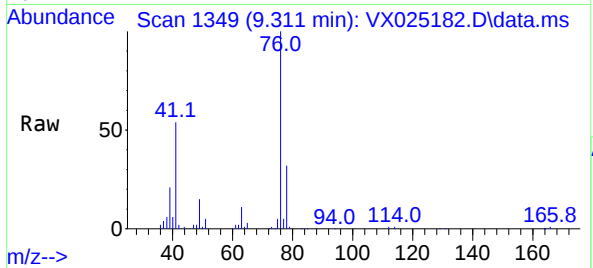
Ion	Ratio	Lower	Upper
69	100		
41	63.6	55.3	82.9
39	37.2	30.2	45.4





#57
1,3-Dichloropropane
Concen: 18.313 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

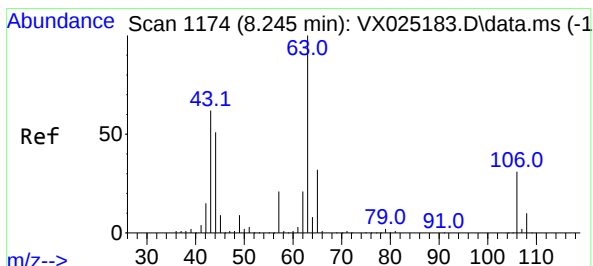
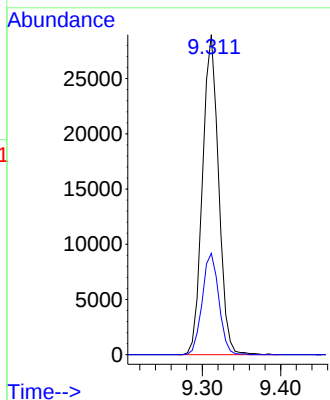
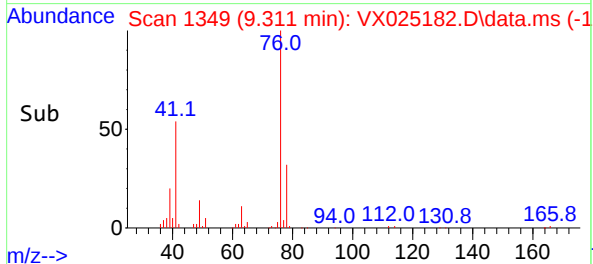
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



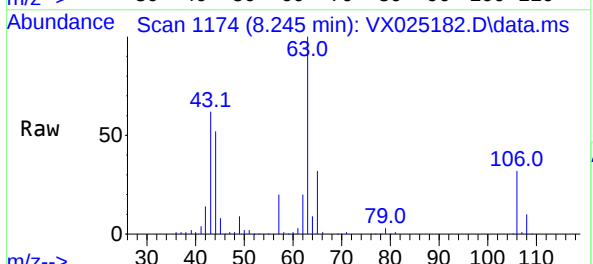
Tgt Ion: 76 Resp: 41329
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

Manual Integrations
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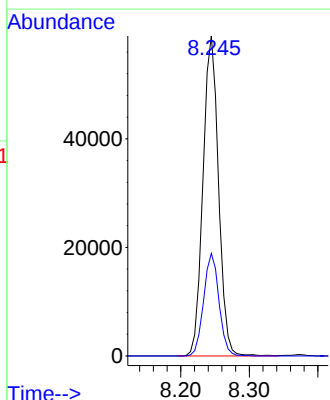
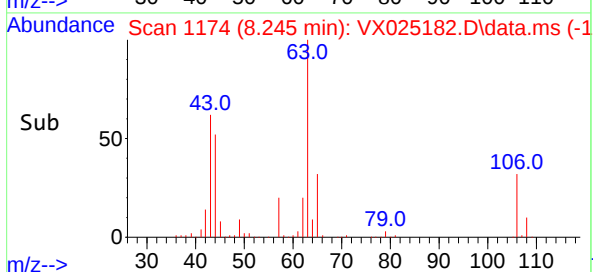
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 92.794 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion: 63 Resp: 93152
Ion Ratio Lower Upper
63 100
106 31.6 22.8 34.2





#59

2-Hexanone

Concen: 90.578 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 14983

Ion Ratio Lower Upper

43 100

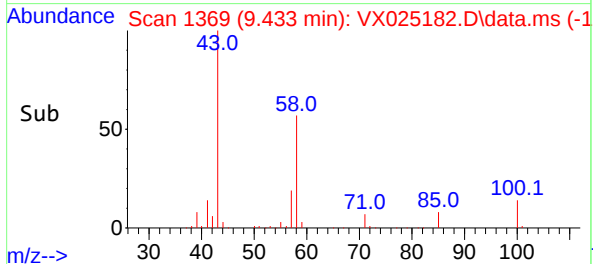
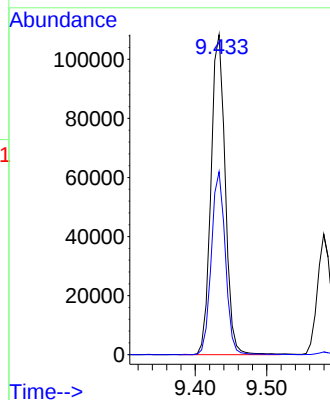
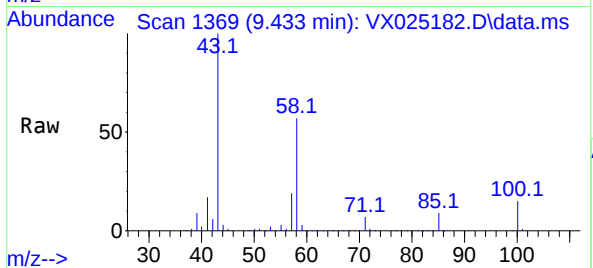
58 56.3 26.6 79.7

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#60

Dibromochloromethane

Concen: 18.343 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025182.D

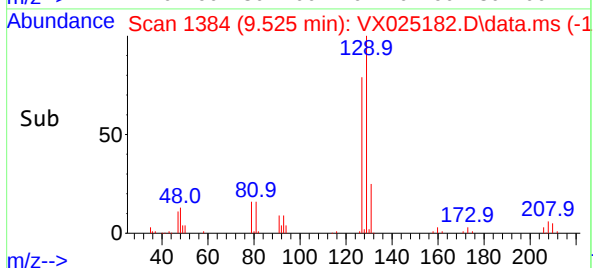
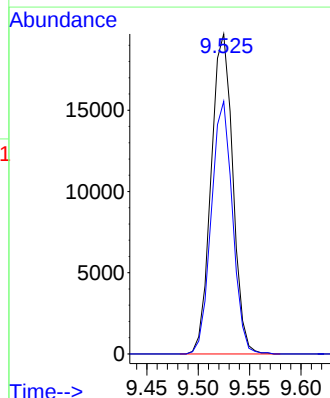
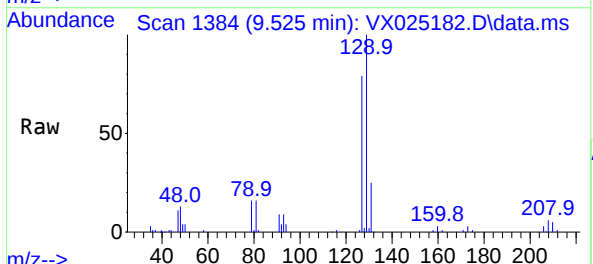
Acq: 17 Nov 2021 11:18

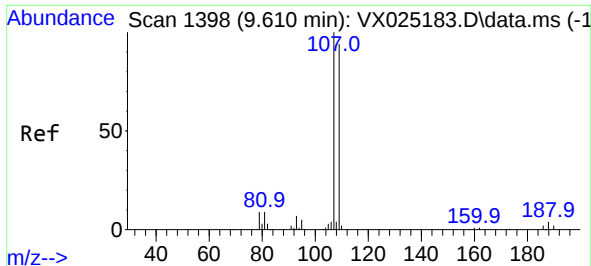
Tgt Ion:129 Resp: 28857

Ion Ratio Lower Upper

129 100

127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 18.472 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

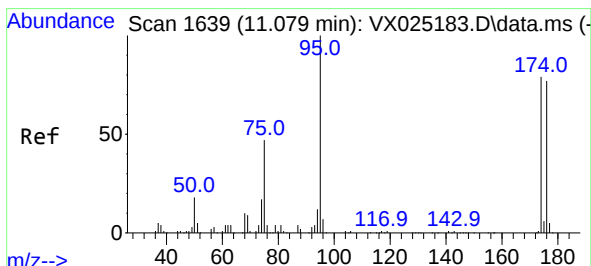
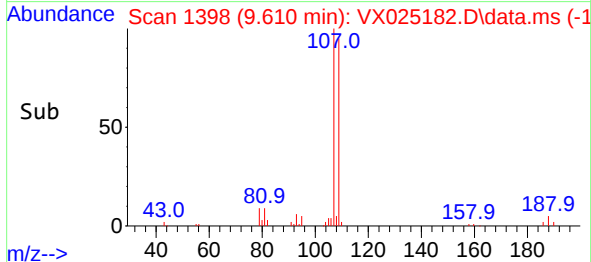
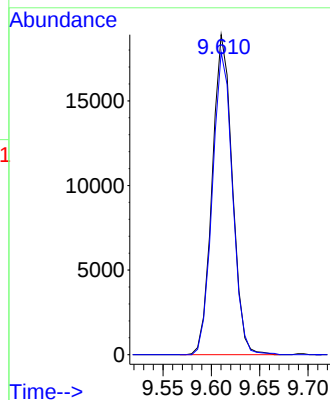
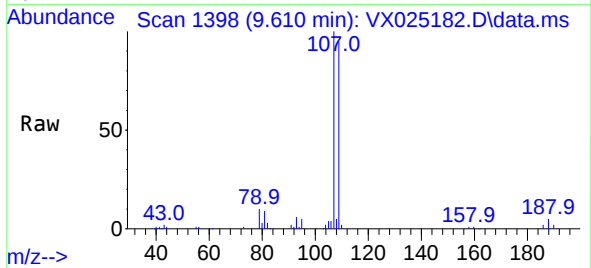
VSTDICC020

Tgt Ion:107 Resp: 2724
Ion Ratio Lower Upper
107 100
109 94.7 74.4 111.6

Manual Integrations

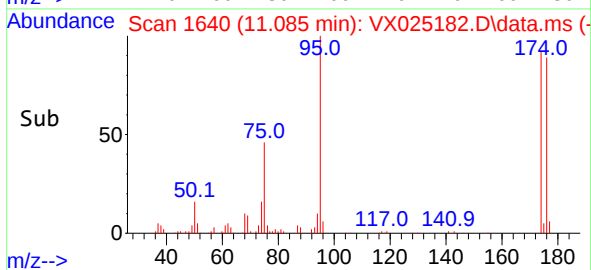
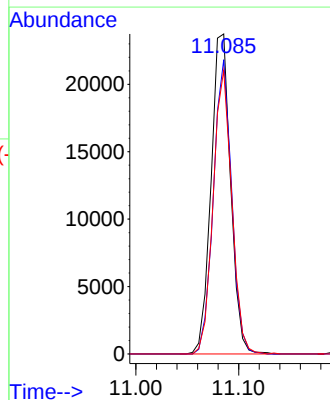
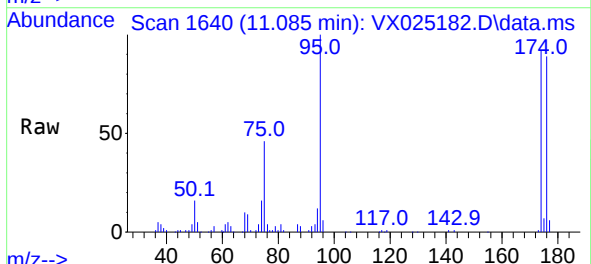
APPROVED

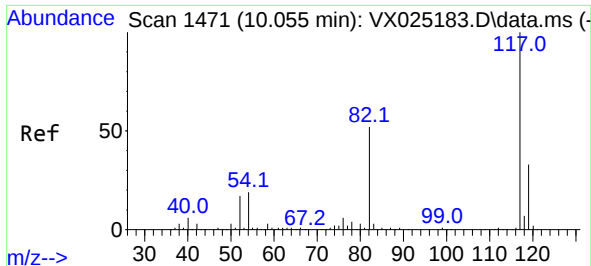
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 18.313 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

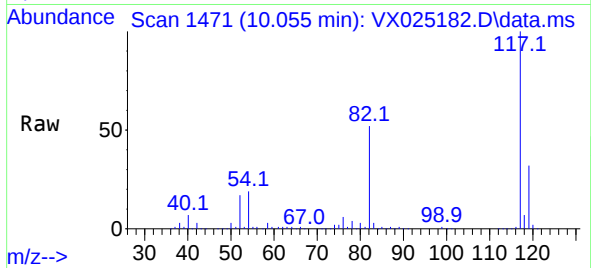
Tgt Ion: 95 Resp: 31304
Ion Ratio Lower Upper
95 100
174 85.7 0.0 158.0
176 84.5 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

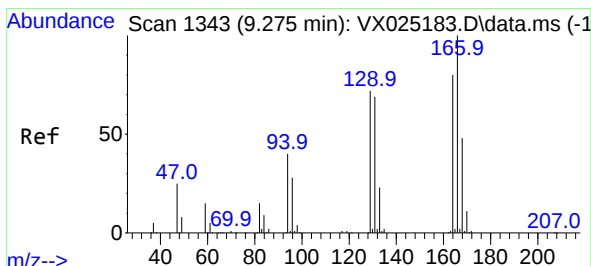
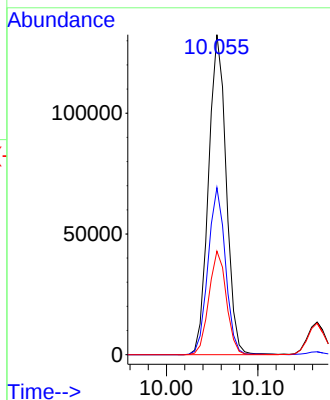
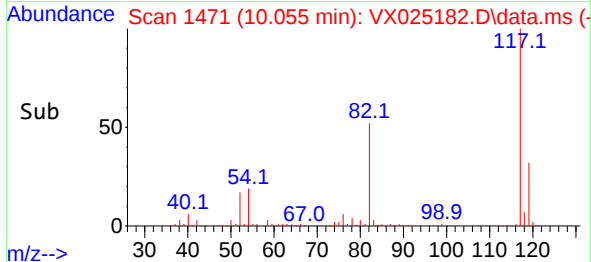
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 178058
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 32.3 24.8 37.2

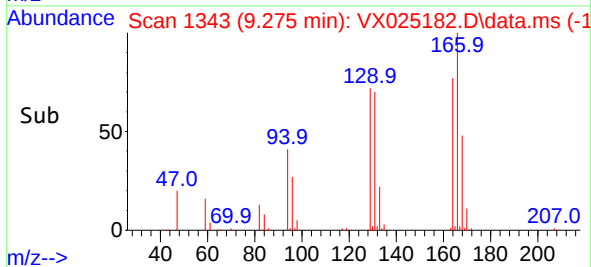
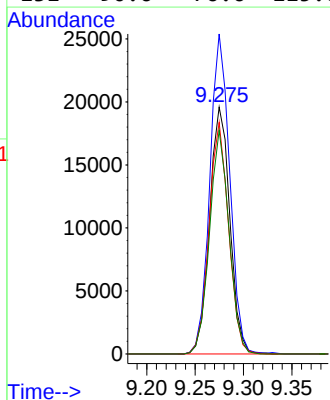
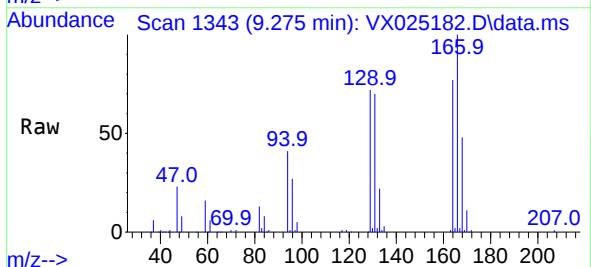
Manual Integrations
APPROVED

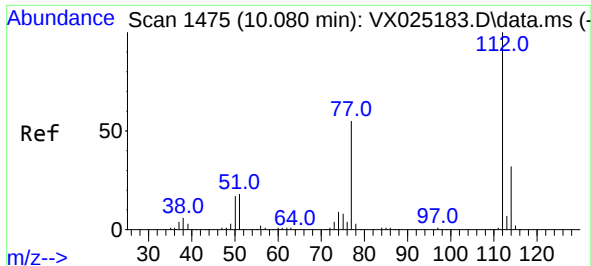
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 18.941 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

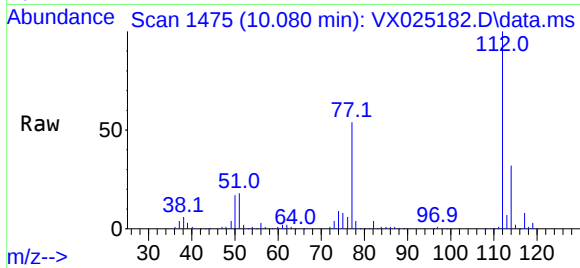
Tgt Ion:164 Resp: 28512
Ion Ratio Lower Upper
164 100
166 129.6 103.2 154.8
129 93.8 81.0 121.4
131 90.6 76.6 115.0





#65
Chlorobenzene
Concen: 18.590 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

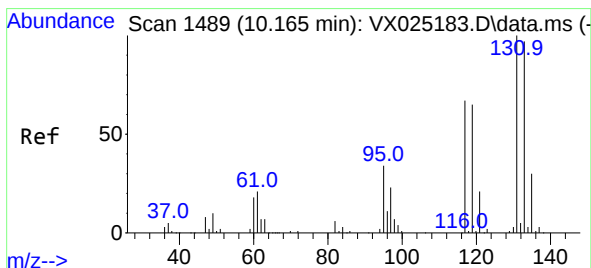
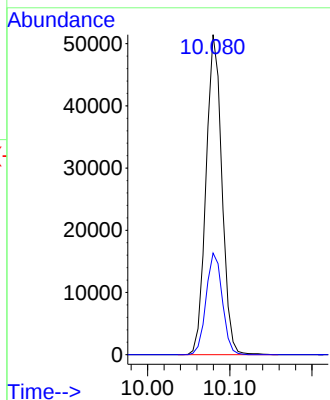
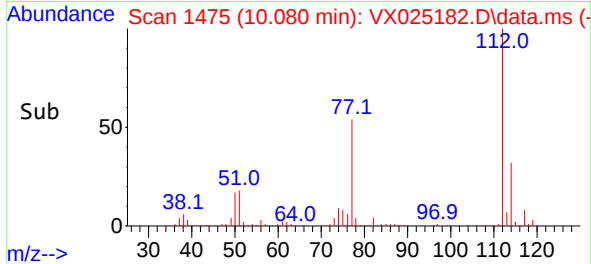
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



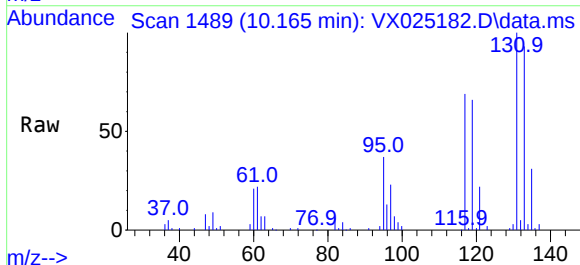
Tgt Ion:112 Resp: 68934
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

Manual Integrations
APPROVED

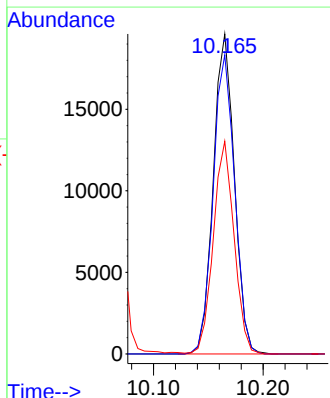
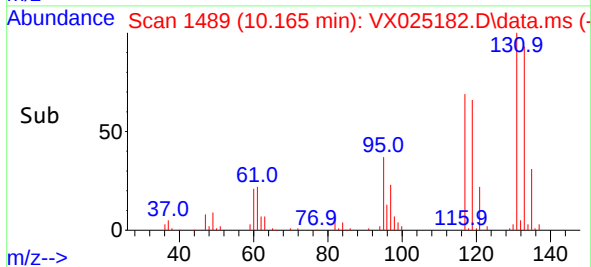
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

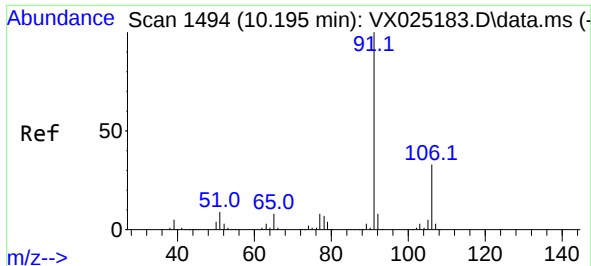


#66
1,1,1,2-Tetrachloroethane
Concen: 18.143 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion:131 Resp: 26162
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 65.9 32.0 96.0





#67

Ethyl Benzene

Concen: 18.289 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 11844

Ion Ratio Lower Upper

91 100

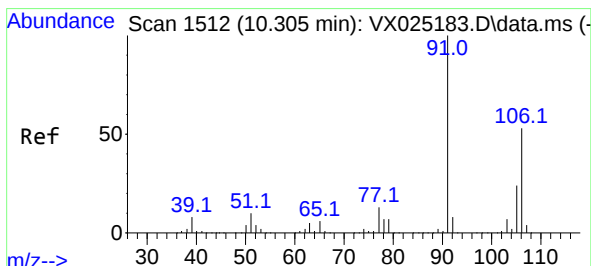
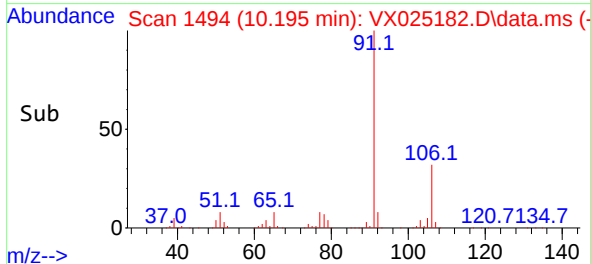
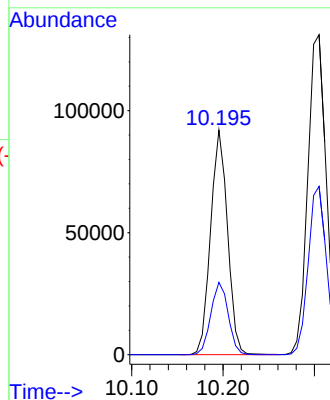
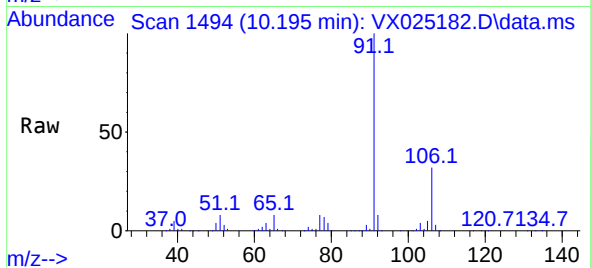
106 32.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#68

m/p-Xylenes

Concen: 36.752 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025182.D

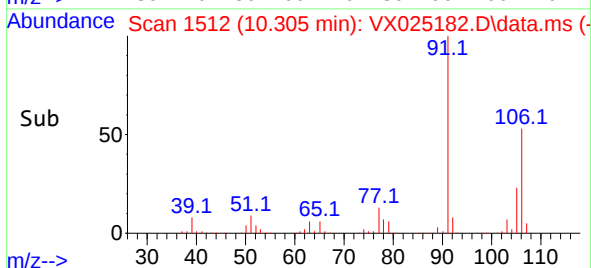
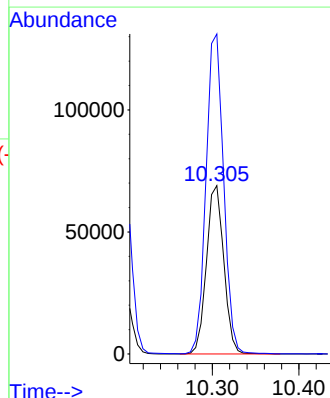
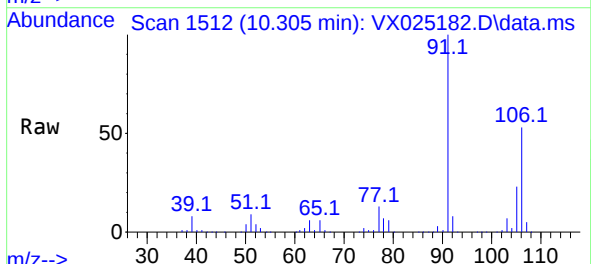
Acq: 17 Nov 2021 11:18

Tgt Ion:106 Resp: 95900

Ion Ratio Lower Upper

106 100

91 193.1 163.4 245.0





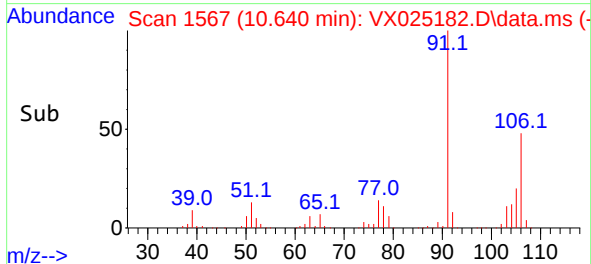
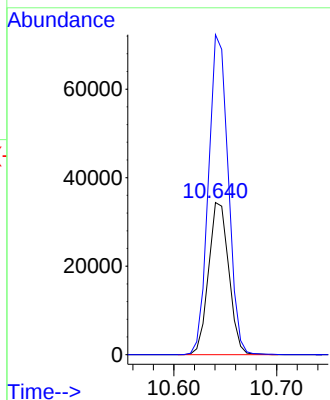
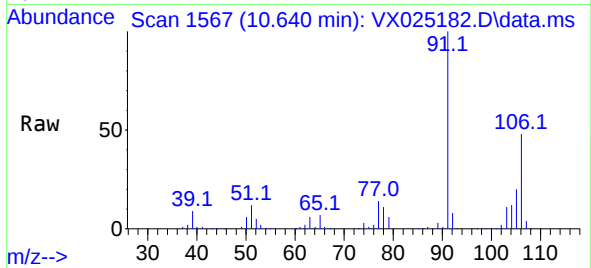
#69
o-Xylene
Concen: 18.162 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 46974
Ion Ratio Lower Upper
106 100
91 205.4 109.5 328.4

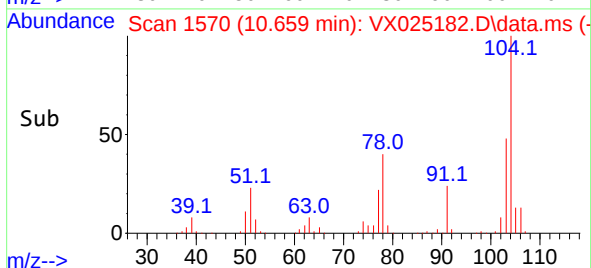
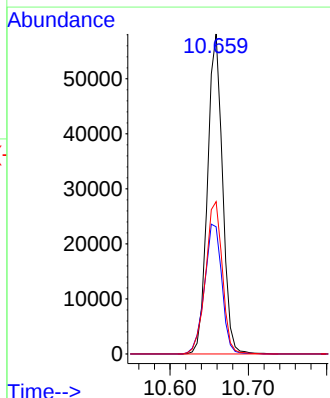
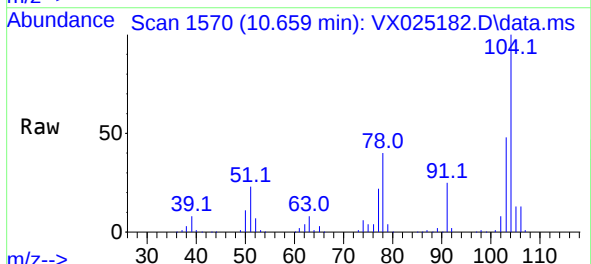
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 18.086 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

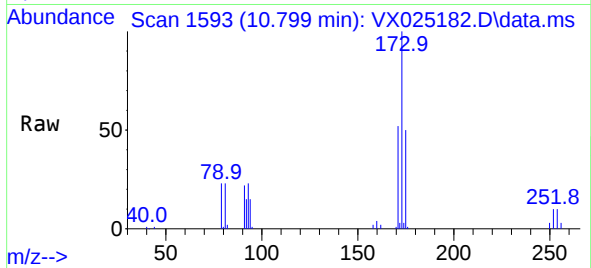
Tgt Ion:104 Resp: 77173
Ion Ratio Lower Upper
104 100
78 46.9 41.3 61.9
103 53.1 43.5 65.3





#71
Bromoform
Concen: 17.945 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

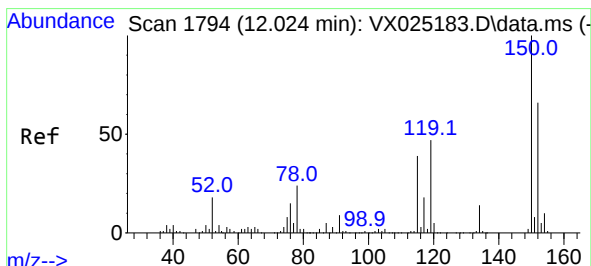
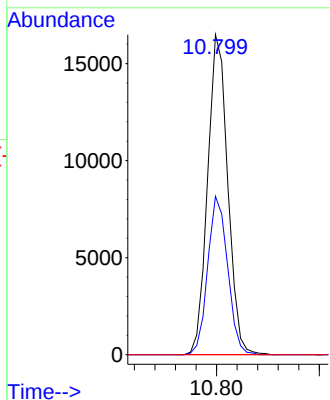
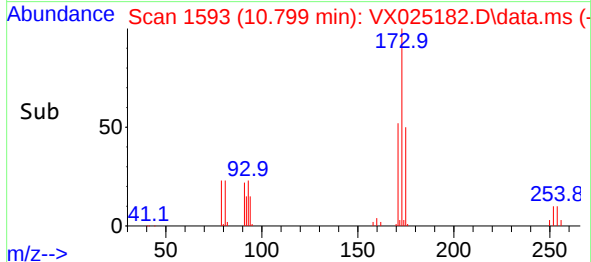
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



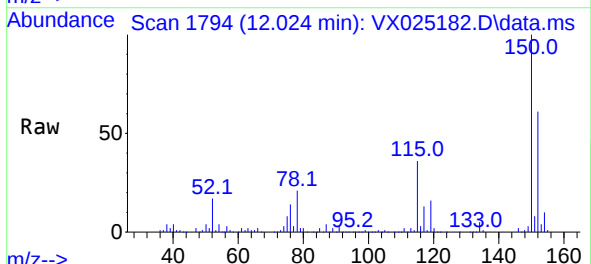
Tgt Ion:173 Resp: 22418
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

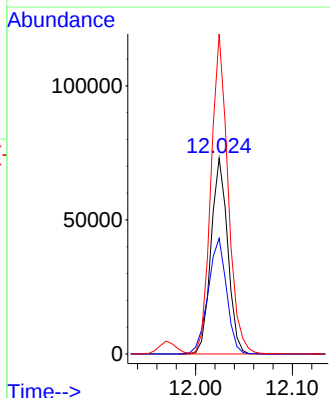
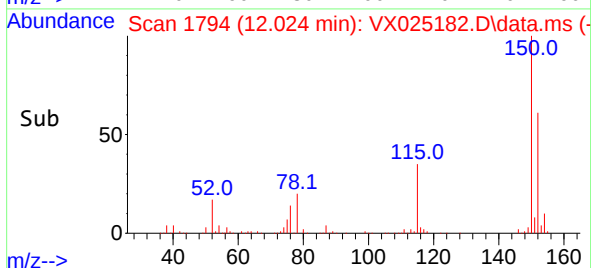
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

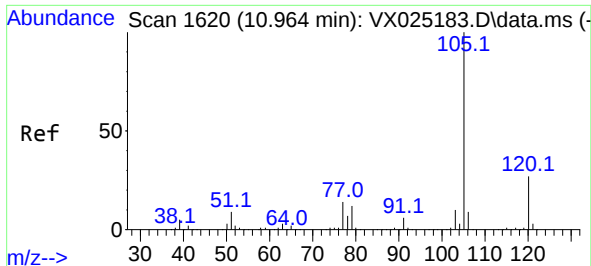


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion:152 Resp: 87508
Ion Ratio Lower Upper
152 100
115 65.2 43.3 129.8
150 166.9 0.0 351.2





#73
Isopropylbenzene
Concen: 18.738 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

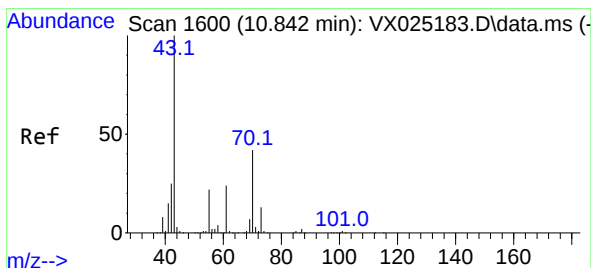
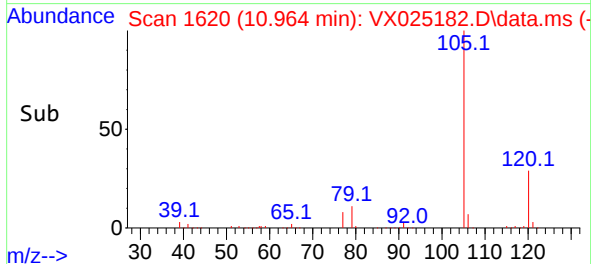
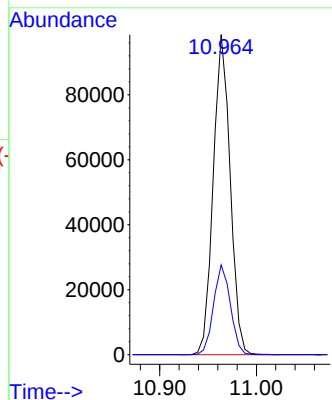
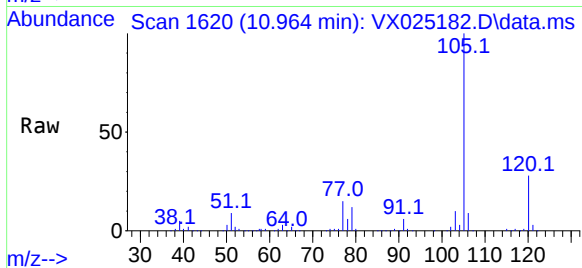
VSTDICC020

Tgt Ion:105 Resp: 119728
Ion Ratio Lower Upper
105 100
120 27.8 13.3 39.8

Manual Integrations

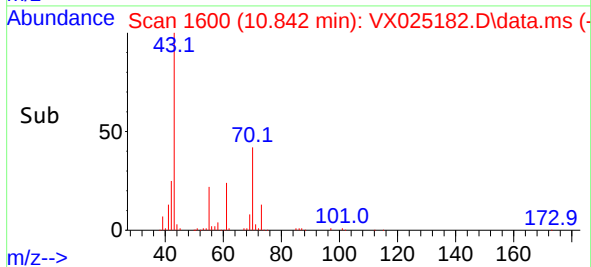
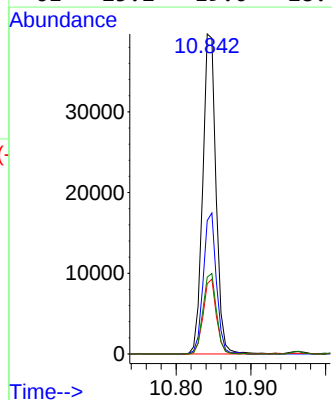
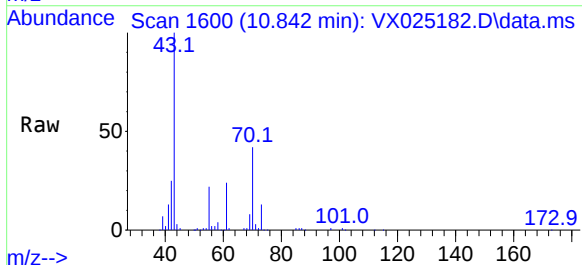
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 17.586 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 43 Resp: 48931
Ion Ratio Lower Upper
43 100
70 43.4 33.7 50.5
55 23.2 19.7 29.5
61 25.2 19.0 28.4





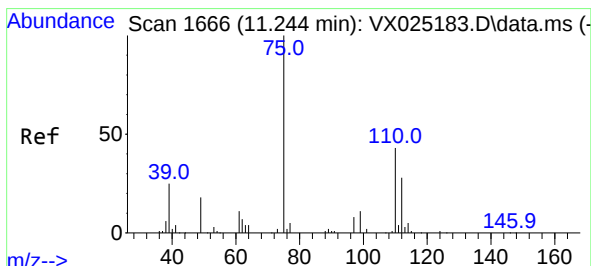
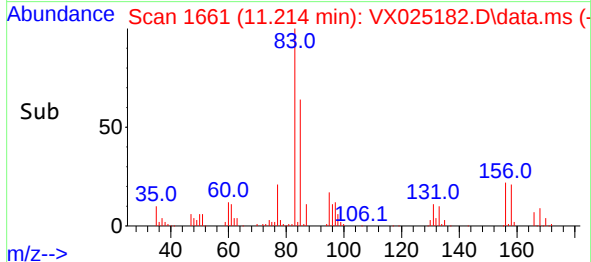
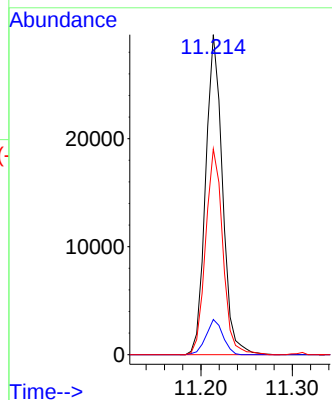
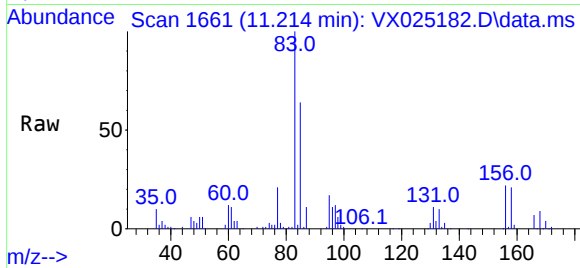
#75
1,1,2,2-Tetrachloroethane
Concen: 18.394 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 3783
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 65.5 32.3 96.9

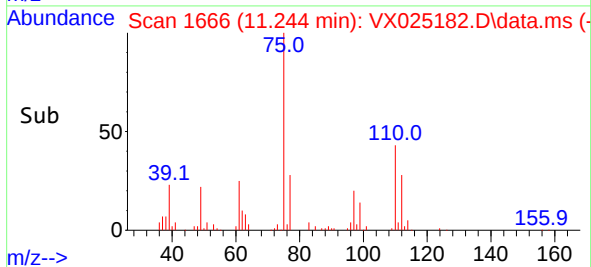
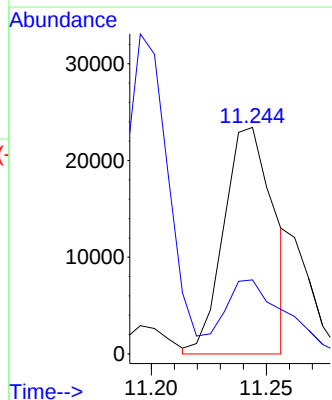
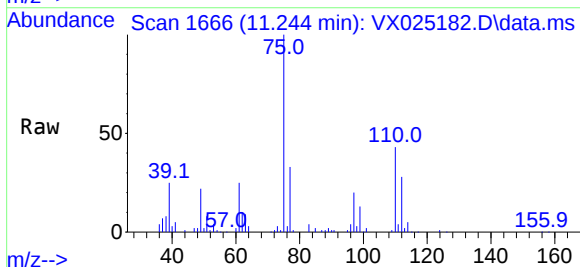
Manual Integrations
APPROVED

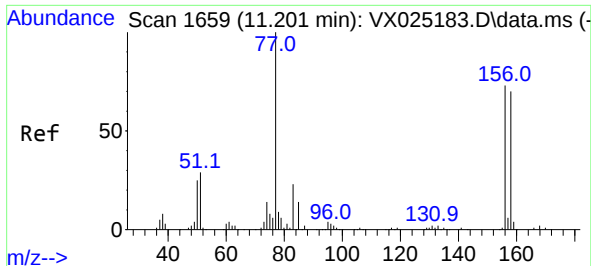
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 19.148 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

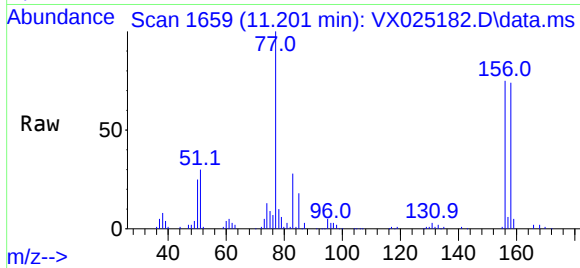
Tgt Ion: 75 Resp: 35096
Ion Ratio Lower Upper
75 100
77 41.0 20.0 59.9





#77
Bromobenzene
Concen: 18.818 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

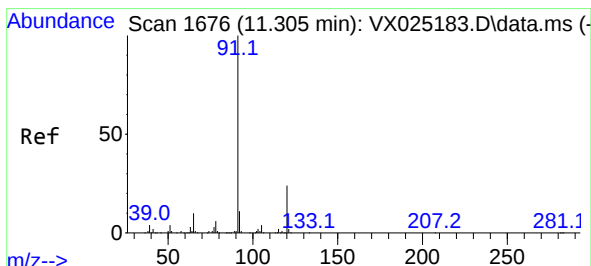
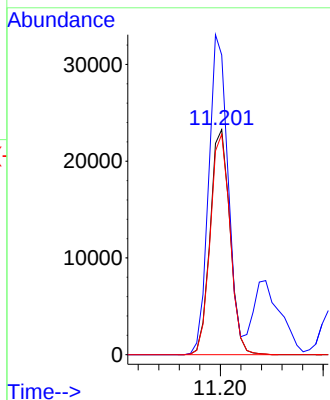
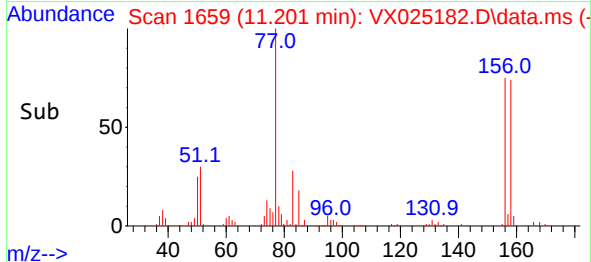
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



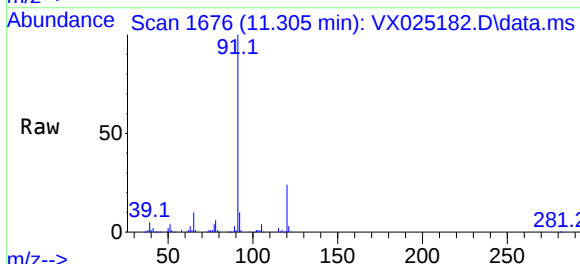
Tgt Ion:156 Resp: 31200
Ion Ratio Lower Upper
156 100
77 137.9 78.3 234.8
158 97.6 48.9 146.6

Manual Integrations
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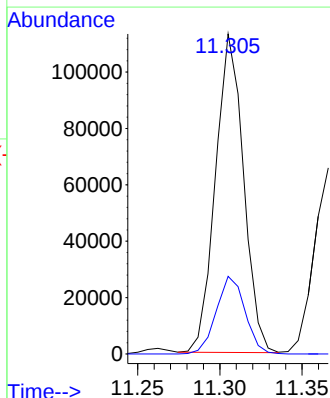
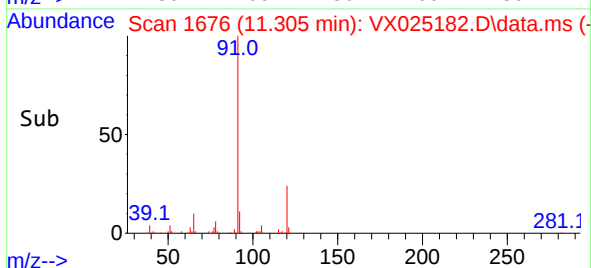
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

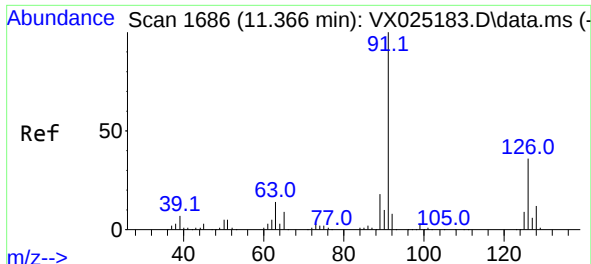


#78
n-propylbenzene
Concen: 18.616 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion: 91 Resp: 133966
Ion Ratio Lower Upper
91 100
120 25.0 11.7 35.0





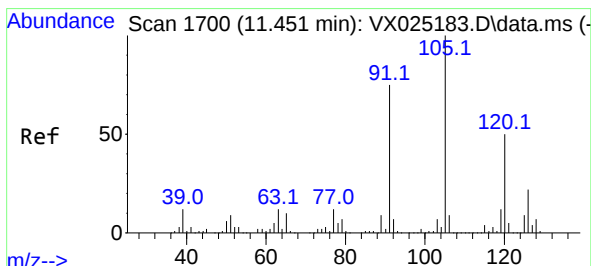
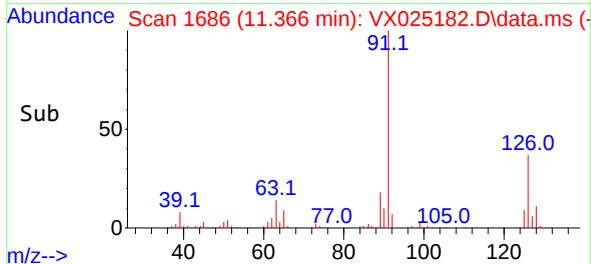
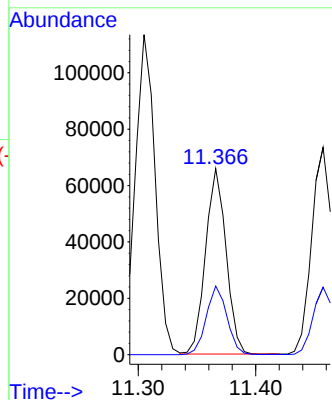
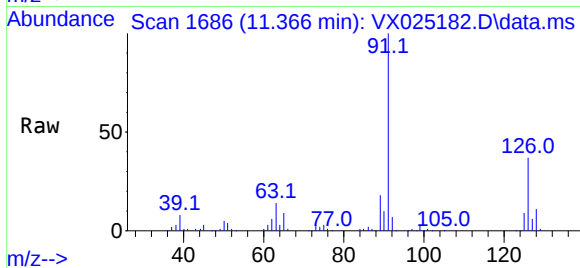
#79
2-Chlorotoluene
Concen: 18.383 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 79900
Ion Ratio Lower Upper
91 100
126 37.2 17.0 50.9

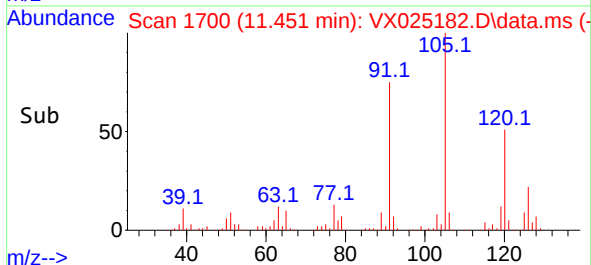
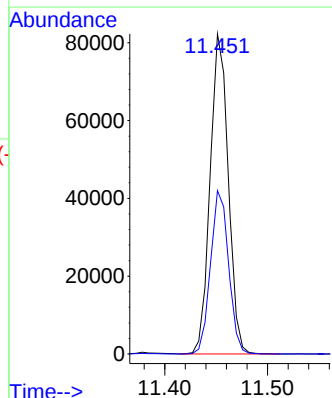
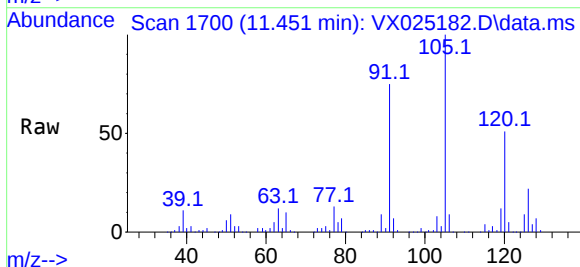
Manual Integrations
APPROVED

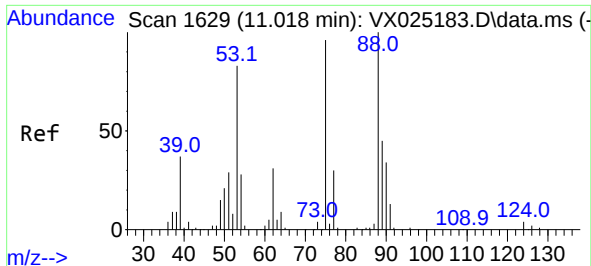
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.793 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

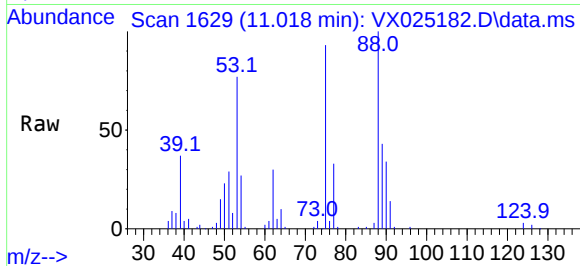
Tgt Ion:105 Resp: 100687
Ion Ratio Lower Upper
105 100
120 50.8 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.017 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

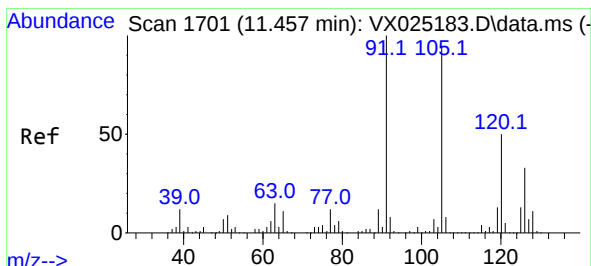
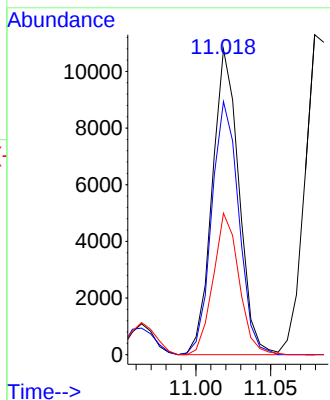
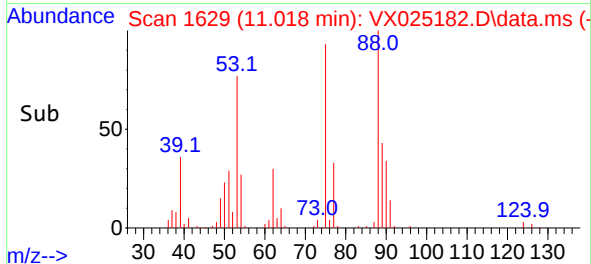
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



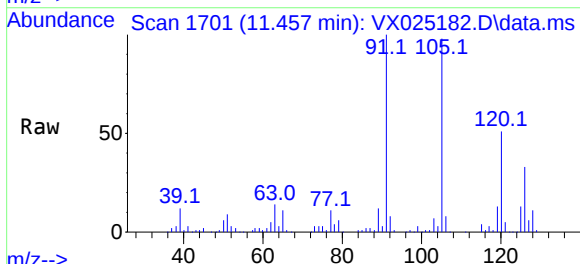
Tgt Ion: 75 Resp: 1338
Ion Ratio Lower Upper
75 100
53 84.0 81.9 122.9
89 44.9 38.2 57.2

Manual Integrations
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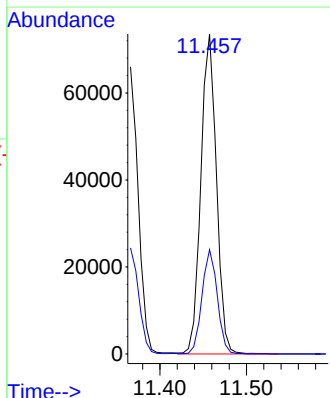
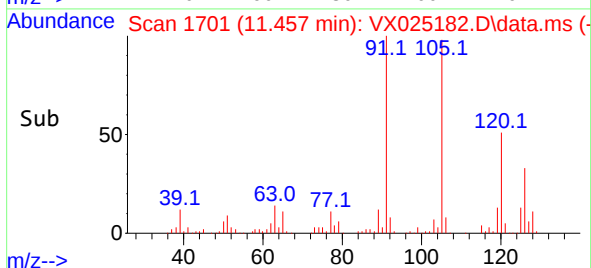
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

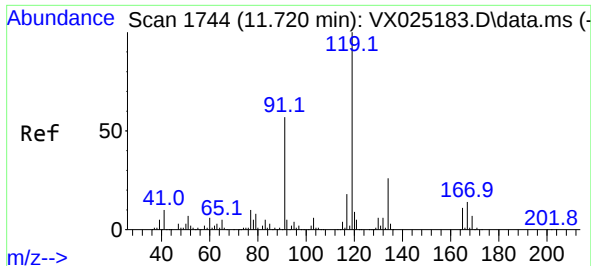


#82
4-Chlorotoluene
Concen: 18.297 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



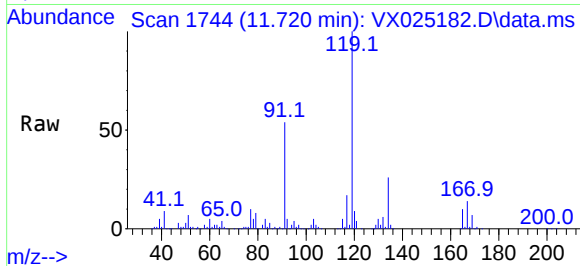
Tgt Ion: 91 Resp: 91753
Ion Ratio Lower Upper
91 100
126 32.1 14.9 44.5





#83
tert-Butylbenzene
Concen: 18.696 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

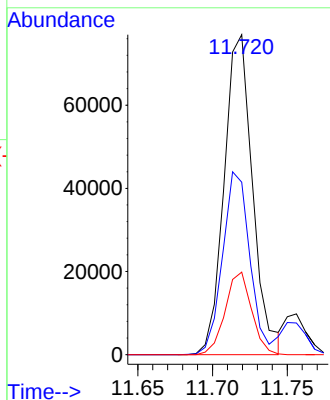
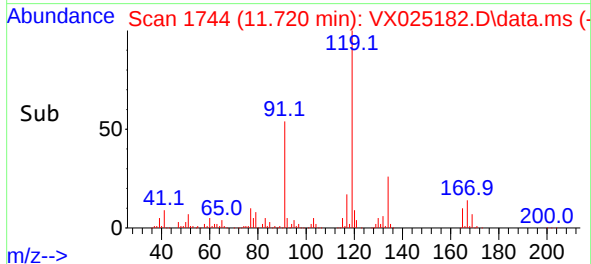
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



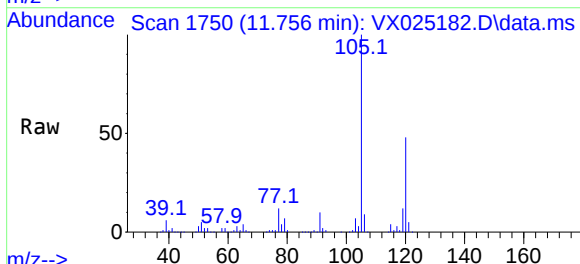
Tgt Ion:119 Resp: 101910
Ion Ratio Lower Upper
119 100
91 54.6 30.3 90.9
134 24.0 11.4 34.1

Manual Integrations
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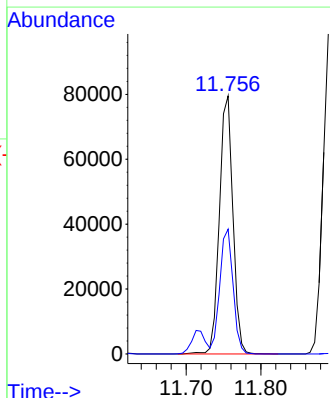
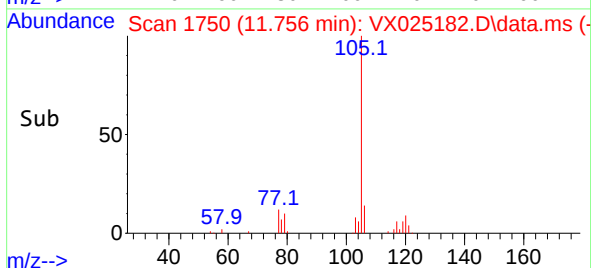
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

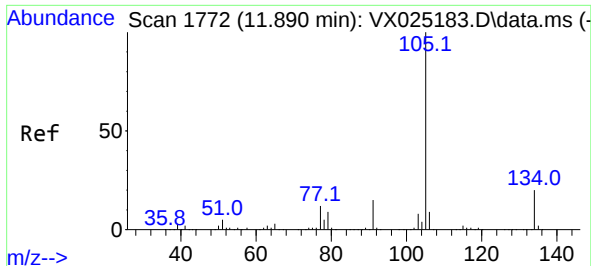


#84
1,2,4-Trimethylbenzene
Concen: 18.618 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion:105 Resp: 100063
Ion Ratio Lower Upper
105 100
120 47.5 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 18.492 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX025182.D
 Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

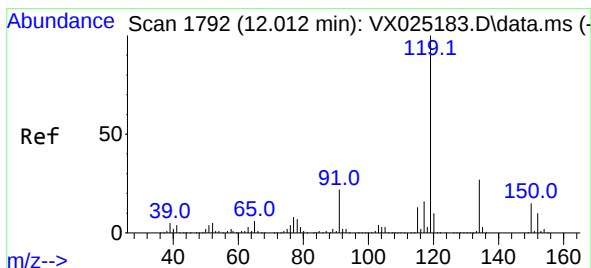
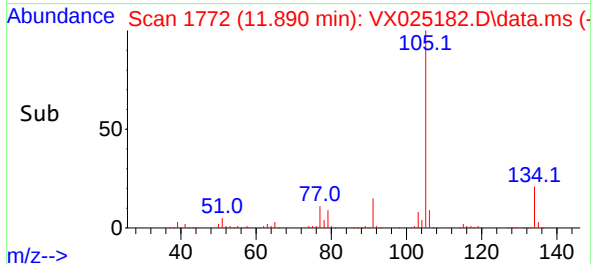
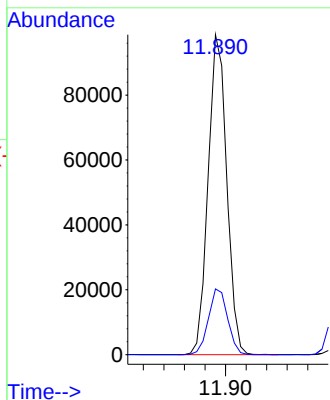
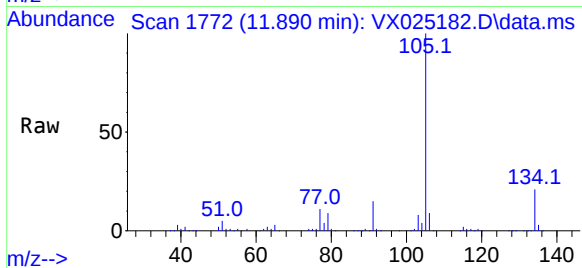
VSTDIC020

Tgt Ion:105 Resp: 123870
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4

Manual Integrations

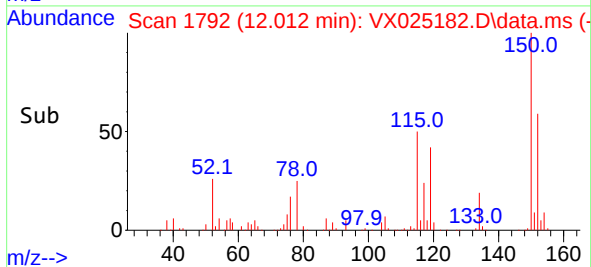
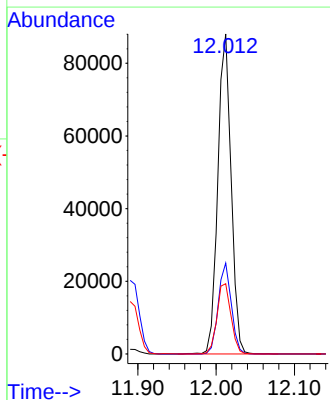
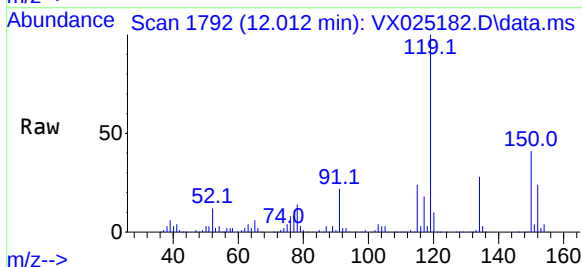
APPROVED

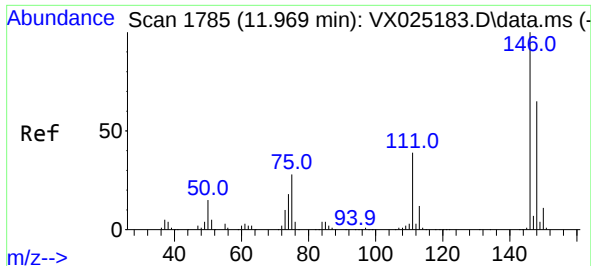
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 18.269 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025182.D
 Acq: 17 Nov 2021 11:18

Tgt Ion:119 Resp: 104091
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.2 39.5
 91 23.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 18.800 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

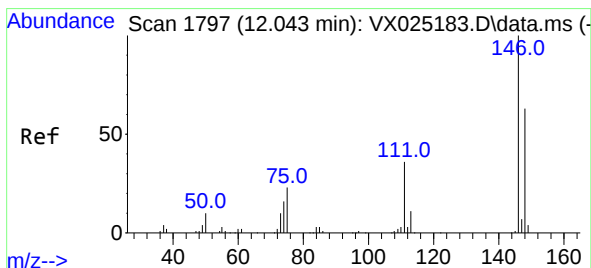
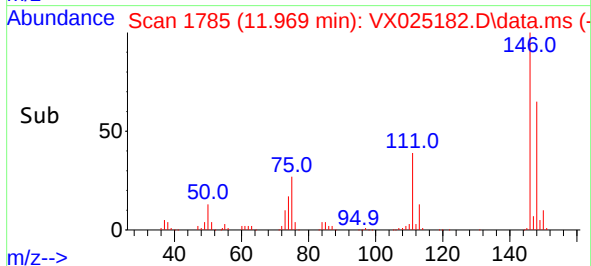
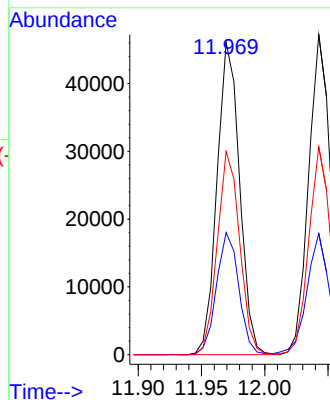
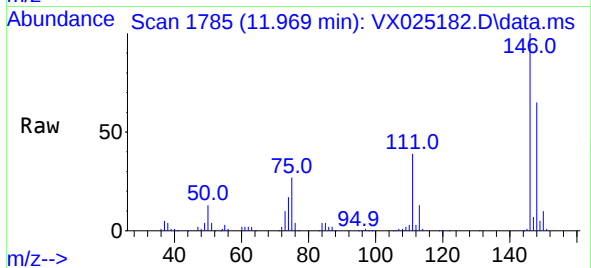
Tgt Ion:146 Resp: 57200
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.6 61.9
 148 64.4 32.0 96.2

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#88

1,4-Dichlorobenzene

Concen: 18.577 ug/l

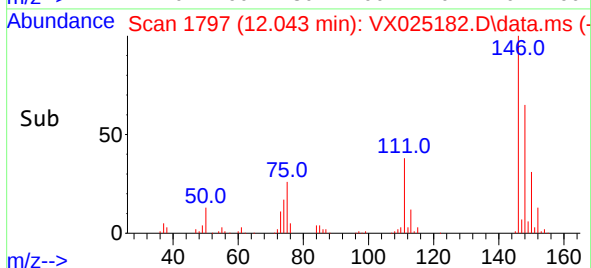
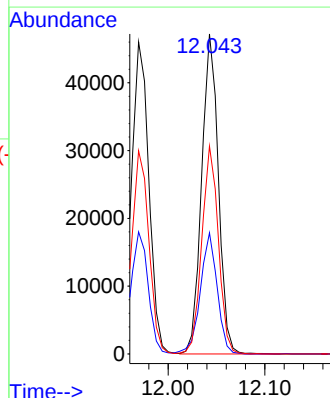
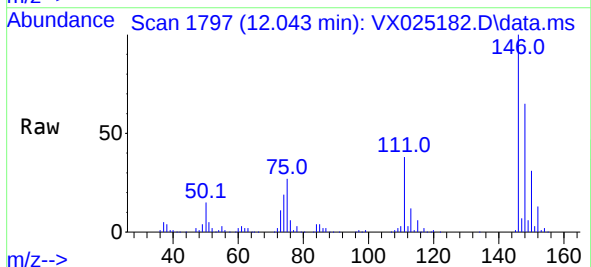
RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX025182.D

Acq: 17 Nov 2021 11:18

Tgt Ion:146 Resp: 56814
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.4 61.3
 148 64.5 32.4 97.0





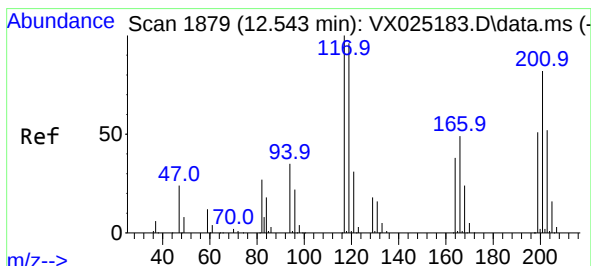
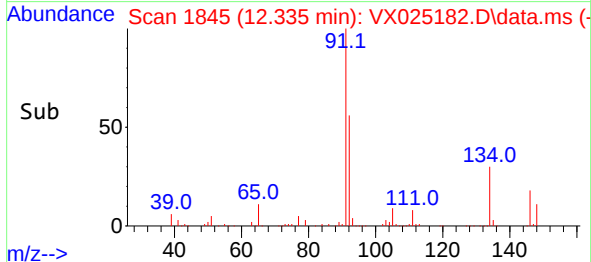
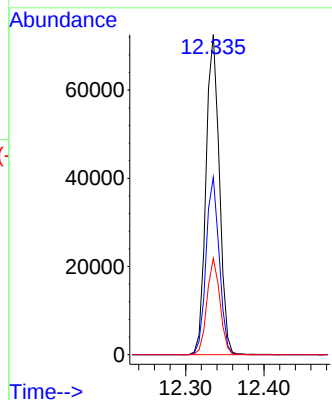
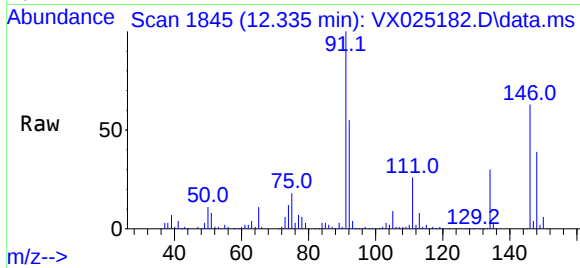
#89
n-Butylbenzene
Concen: 17.886 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 8583
Ion Ratio Lower Upper
91 100
92 54.6 26.3 78.8
134 29.2 13.0 38.9

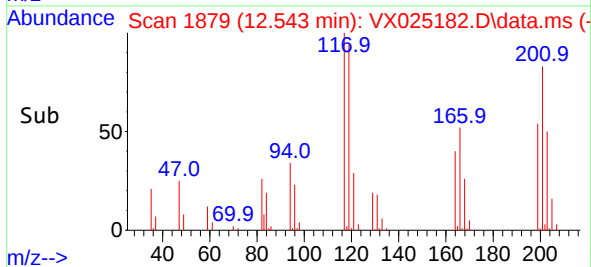
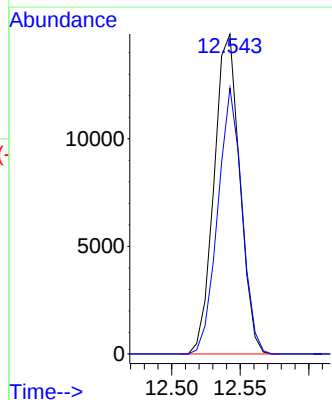
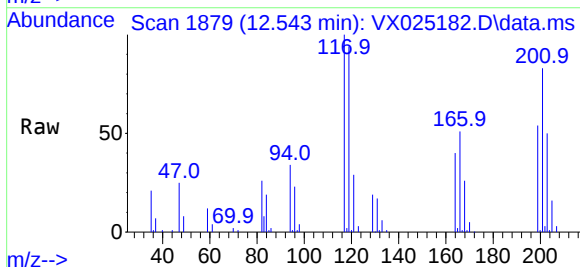
Manual Integrations
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Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 18.783 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion:117 Resp: 19359
Ion Ratio Lower Upper
117 100
201 78.3 38.9 116.6





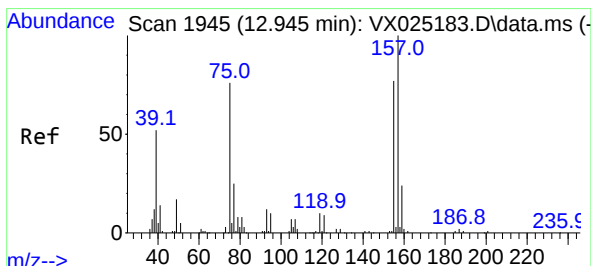
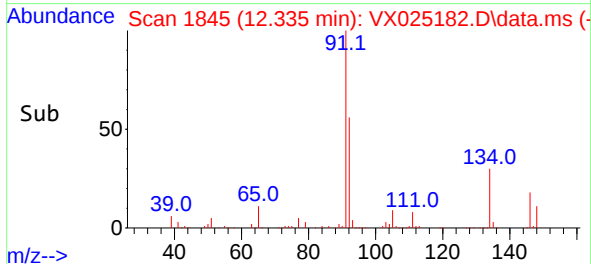
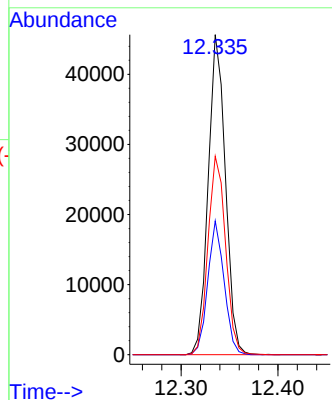
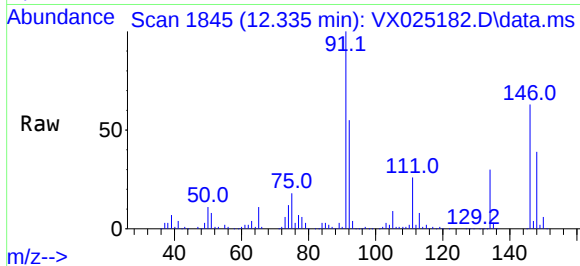
#91
1,2-Dichlorobenzene
Concen: 19.173 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 5650
Ion Ratio Lower Upper
146 100
111 39.7 21.2 63.6
148 63.5 32.1 96.5

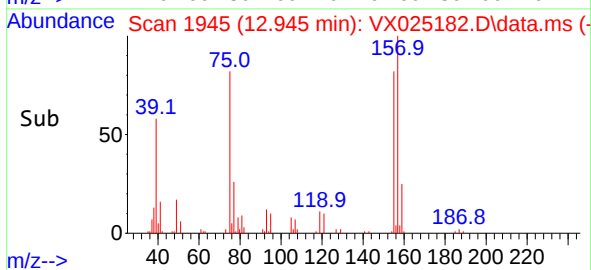
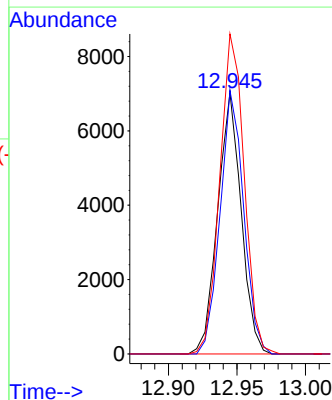
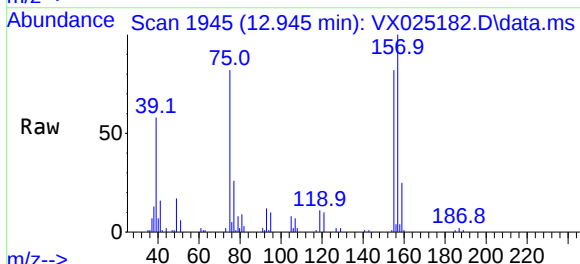
Manual Integrations
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Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.408 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Tgt Ion: 75 Resp: 8371
Ion Ratio Lower Upper
75 100
155 101.0 43.1 129.3
157 127.4 53.6 160.9





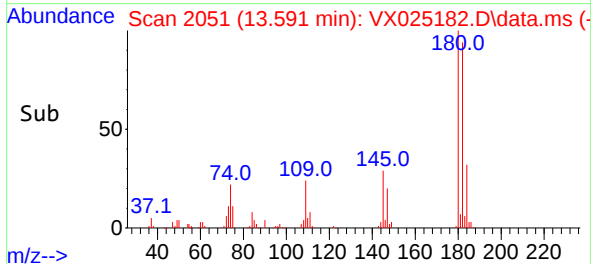
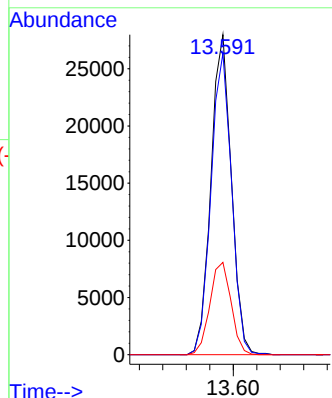
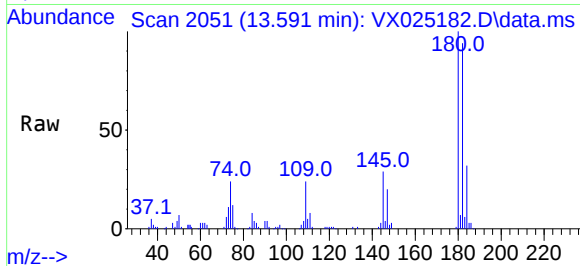
#93
1,2,4-Trichlorobenzene
Concen: 19.647 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 3366
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 30.0 16.1 48.3

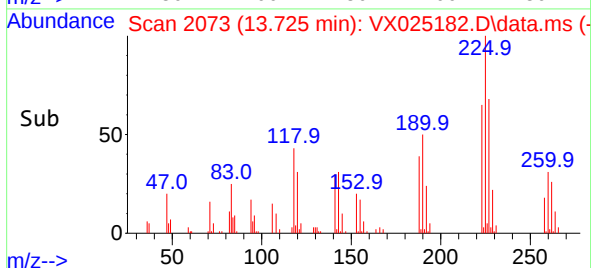
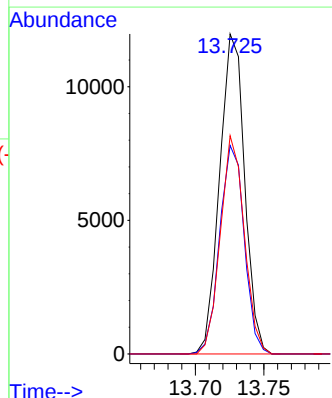
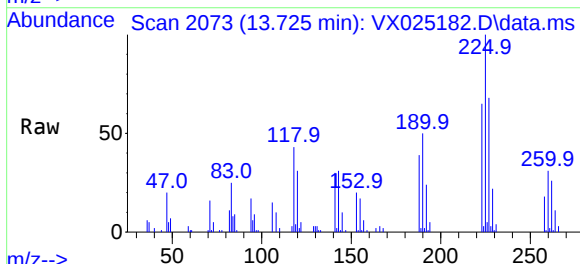
Manual Integrations
APPROVED

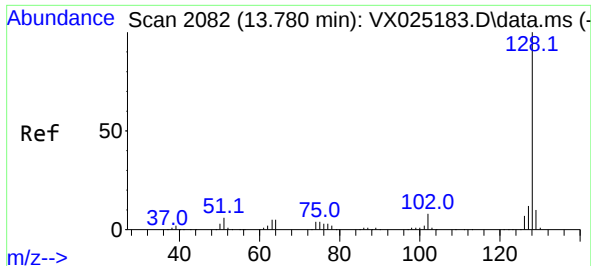
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#94
Hexachlorobutadiene
Concen: 18.583 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

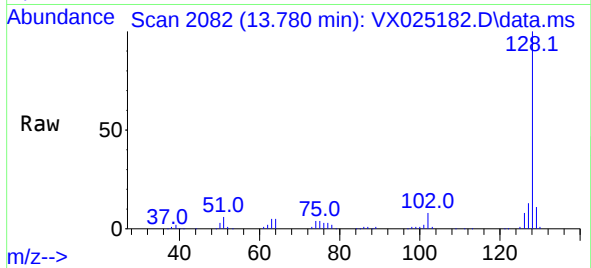
Tgt Ion:225 Resp: 15177
Ion Ratio Lower Upper
225 100
223 64.0 30.9 92.7
227 65.2 31.1 93.5





#95
Naphthalene
Concen: 20.248 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18

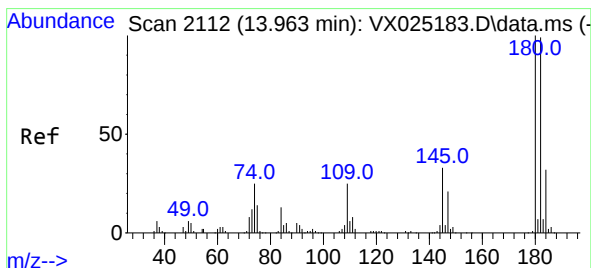
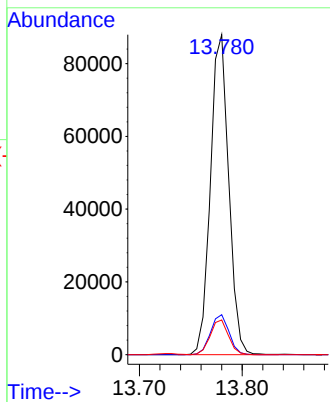
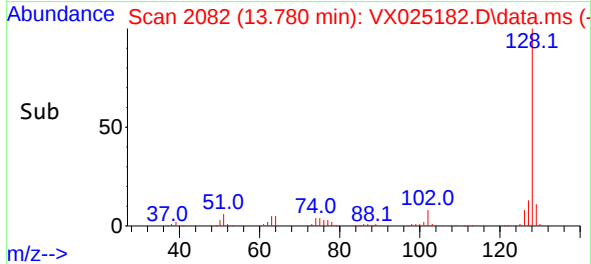
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



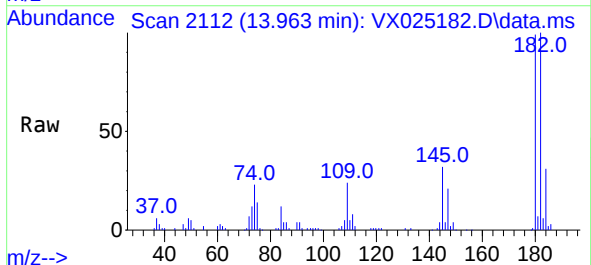
Tgt Ion:128 Resp: 10844
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.811 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025182.D
Acq: 17 Nov 2021 11:18



Tgt Ion:180 Resp: 33252
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.3
145 32.4 16.8 50.3

