

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033498.D
 Acq On : 20 Dec 2022 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 04:12:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	189870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38775	48.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.820%		
35) Dibromofluoromethane	5.385	113	44655	52.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.580%		
50) Toluene-d8	8.647	98	96049	53.763	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.520%		
62) 4-Bromofluorobenzene	11.079	95	81396	59.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	119.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	42880	49.675	ug/l	99
3) Chloromethane	1.295	50	43295	43.379	ug/l	96
4) Vinyl Chloride	1.374	62	50120	43.981	ug/l	100
5) Bromomethane	1.618	94	35874	42.896	ug/l	98
6) Chloroethane	1.691	64	42478	49.142	ug/l	97
7) Trichlorofluoromethane	1.886	101	81818	38.242	ug/l	99
8) Diethyl Ether	2.130	74	28076	36.332	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	63160	55.652	ug/l	97
10) Methyl Iodide	2.453	142	68065	54.759	ug/l	99
11) Tert butyl alcohol	2.995	59	52207	215.402	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	55735	49.751	ug/l	99
13) Acrolein	2.233	56	80487	306.194	ug/l	99
14) Allyl chloride	2.666	41	87531	48.927	ug/l	96
15) Acrylonitrile	3.063	53	146360	243.779	ug/l	97
16) Acetone	2.386	43	147753	251.874	ug/l	97
17) Carbon Disulfide	2.514	76	123274	42.874	ug/l	100
18) Methyl Acetate	2.703	43	84488	49.752	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	201387	51.897	ug/l	100
20) Methylene Chloride	2.788	84	63120	48.248	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	62782	51.231	ug/l	98
22) Diisopropyl ether	3.758	45	201932	52.683	ug/l	96
23) Vinyl Acetate	3.721	43	767930	258.123	ug/l	98
24) 1,1-Dichloroethane	3.611	63	113991	50.615	ug/l	99
25) 2-Butanone	4.556	43	207806	246.790	ug/l	100
26) 2,2-Dichloropropane	4.477	77	91988	55.542	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	76520	52.248	ug/l	98
28) Bromochloromethane	4.891	49	47172	50.036	ug/l	95
29) Tetrahydrofuran	5.001	42	131340	240.744	ug/l	98
30) Chloroform	5.093	83	132386	52.949	ug/l	99
31) Cyclohexane	5.465	56	97621	51.815	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	117548	54.643	ug/l	99
36) 1,1-Dichloropropene	5.690	75	91495	54.952	ug/l	99
37) Ethyl Acetate	4.709	43	78508	49.881	ug/l	99
38) Carbon Tetrachloride	5.678	117	103143	55.290	ug/l	97
39) Methylcyclohexane	7.379	83	106101	56.932	ug/l	97
40) Benzene	6.038	78	264558	54.496	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46181	53.247	ug/l	97
42) 1,2-Dichloroethane	6.086	62	102989	53.424	ug/l	98
43) Isopropyl Acetate	6.336	43	132222	52.212	ug/l	97
44) Trichloroethene	7.123	130	75649	56.519	ug/l	100
45) 1,2-Dichloropropane	7.428	63	66705	53.728	ug/l	99
46) Dibromomethane	7.580	93	50934	53.854	ug/l	97
47) Bromodichloromethane	7.818	83	102259	55.466	ug/l	99
48) Methyl methacrylate	7.690	41	69069	52.846	ug/l	92
49) 1,4-Dioxane	7.702	88	27777	932.002	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	429582	268.242	ug/l	96
52) Toluene	8.714	92	179965	57.336	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104141	52.453	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	111417	56.792	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	74255	56.279	ug/l	97
56) Ethyl methacrylate	9.116	69	106201	57.169	ug/l	91
57) 1,3-Dichloropropane	9.305	76	120183	56.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	233617	274.843	ug/l	98
59) 2-Hexanone	9.427	43	317403	268.946	ug/l	95
60) Dibromochloromethane	9.519	129	82753	56.926	ug/l	100
61) 1,2-Dibromoethane	9.610	107	79674	56.771	ug/l	99
64) Tetrachloroethene	9.275	164	67960	55.657	ug/l	96
65) Chlorobenzene	10.080	112	200244	55.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	77884	56.994	ug/l	98
67) Ethyl Benzene	10.195	91	356034	56.516	ug/l	99
68) m/p-Xylenes	10.299	106	287017	117.100	ug/l	96
69) o-Xylene	10.640	106	138895	57.331	ug/l	97
70) Styrene	10.653	104	237895	59.956	ug/l	97
71) Bromoform	10.799	173	60923	56.323	ug/l #	100
73) Isopropylbenzene	10.964	105	375978	55.278	ug/l	99
74) N-amyl acetate	10.842	43	120099	51.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	111520	51.683	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88275m	46.237	ug/l	
77) Bromobenzene	11.195	156	92286	53.732	ug/l	97
78) n-propylbenzene	11.305	91	425921	56.082	ug/l	98
79) 2-Chlorotoluene	11.366	91	255443	54.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	316366	55.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30934	50.401	ug/l	95
82) 4-Chlorotoluene	11.451	91	297226	54.461	ug/l	98
83) tert-Butylbenzene	11.713	119	310439	54.986	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	312734	55.336	ug/l	98
85) sec-Butylbenzene	11.890	105	378701	57.491	ug/l	99
86) p-Isopropyltoluene	12.006	119	324582	57.154	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	171778	55.212	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175031	55.077	ug/l	99
89) n-Butylbenzene	12.329	91	273093	58.712	ug/l	99
90) Hexachloroethane	12.536	117	51981	53.848	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	170183	54.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22235	47.706	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	104874	55.826	ug/l	98
94) Hexachlorobutadiene	13.725	225	43595	57.952	ug/l	99
95) Naphthalene	13.774	128	341730	54.534	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104495	54.922	ug/l	99

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Manual Integrations
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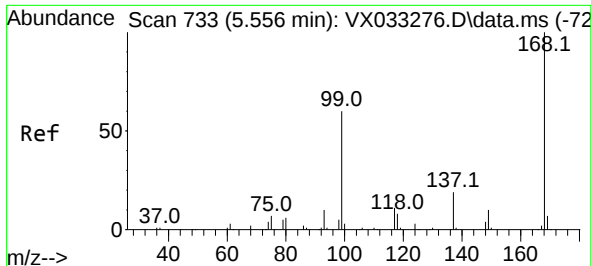
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QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

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

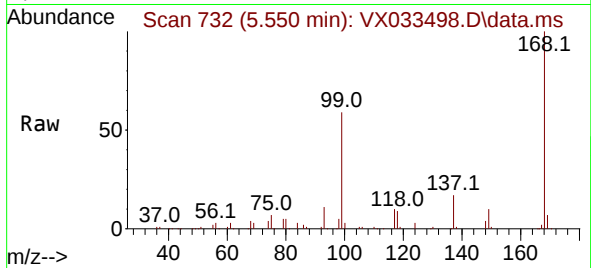
Reviewed By :John Carlone 12/21/2022
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

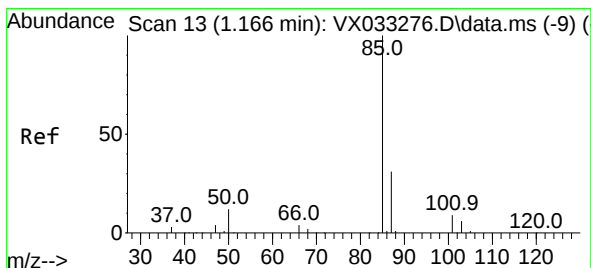
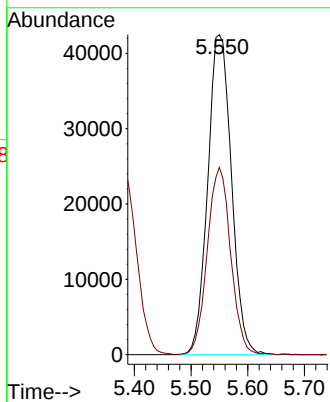
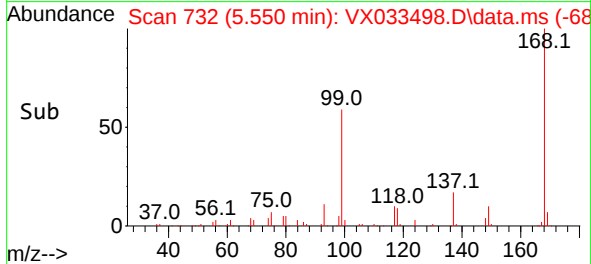
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 12357
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1

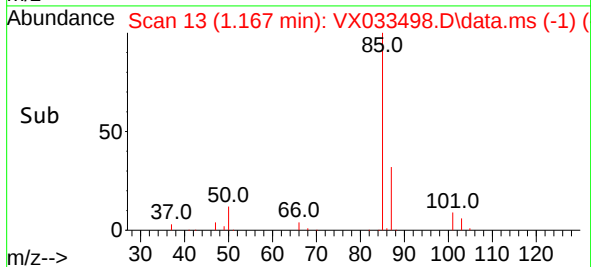
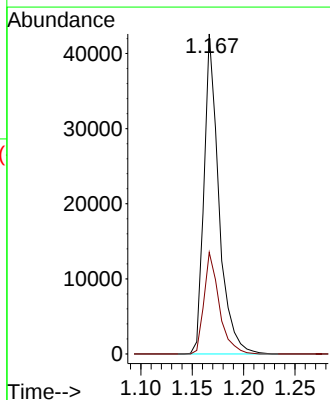
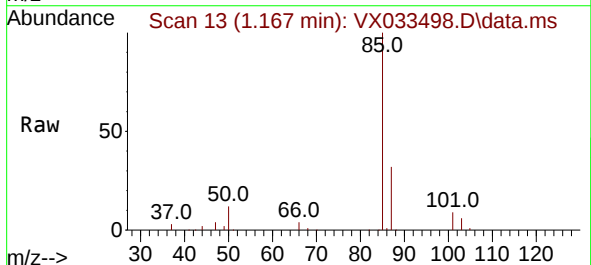
Manual Integrations
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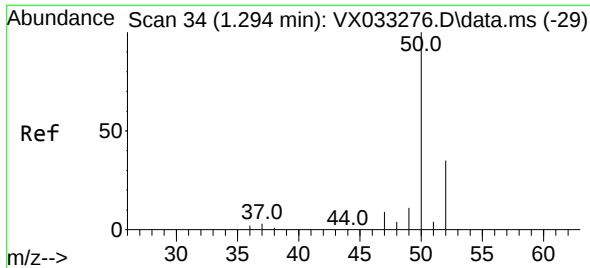
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#2
Dichlorodifluoromethane
Concen: 49.675 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 85 Resp: 42880
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.7





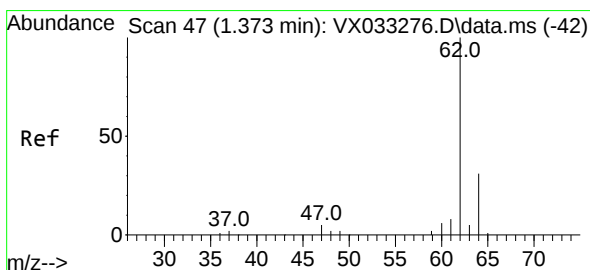
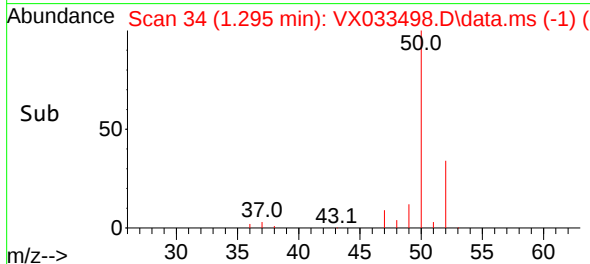
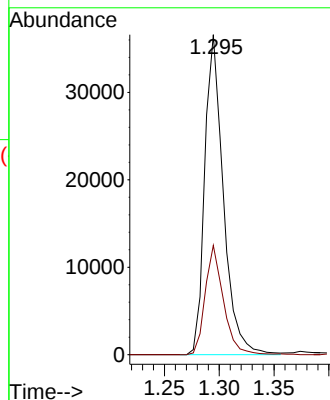
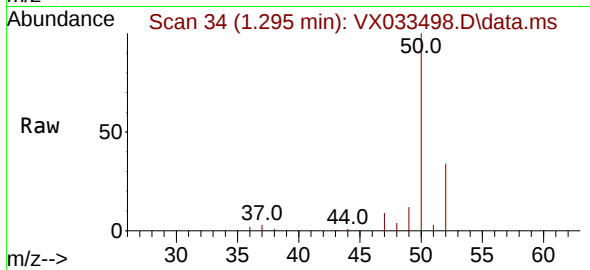
#3
Chloromethane
Concen: 43.379 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 43295
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2

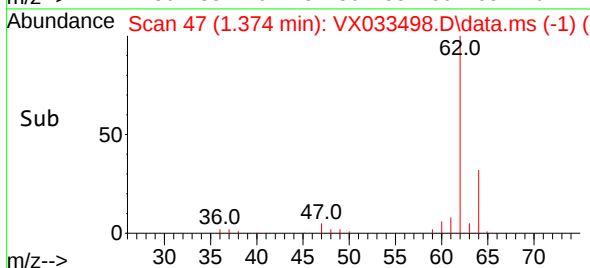
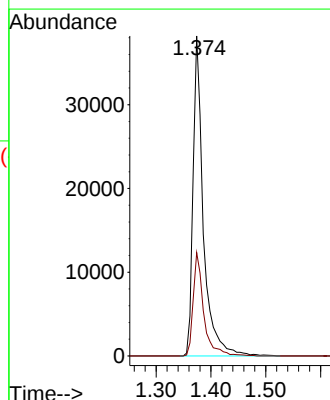
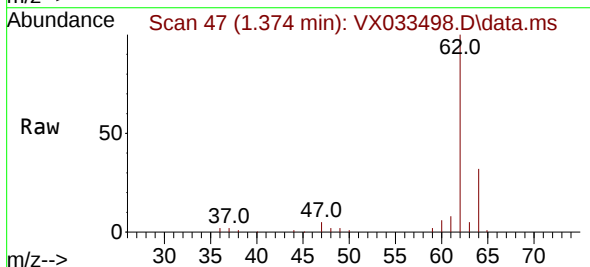
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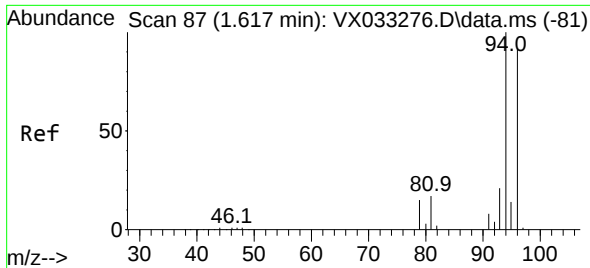
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#4
Vinyl Chloride
Concen: 43.981 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 62 Resp: 50120
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





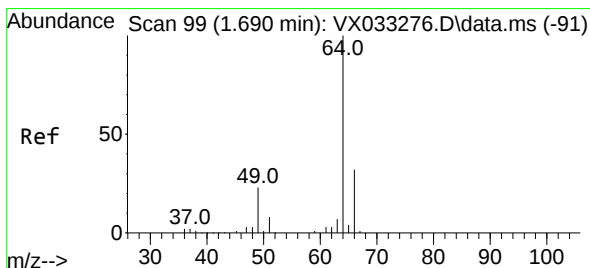
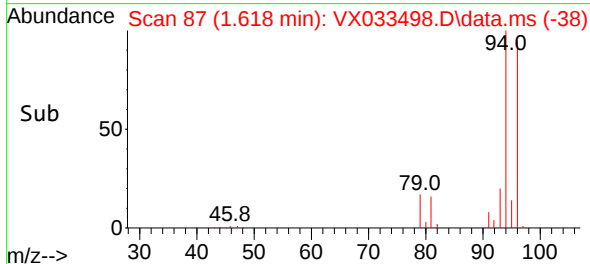
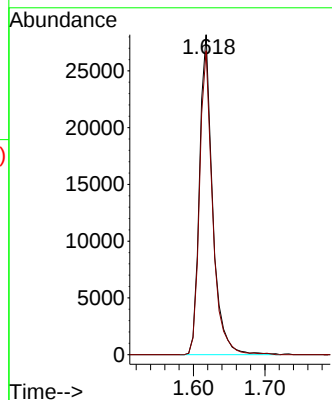
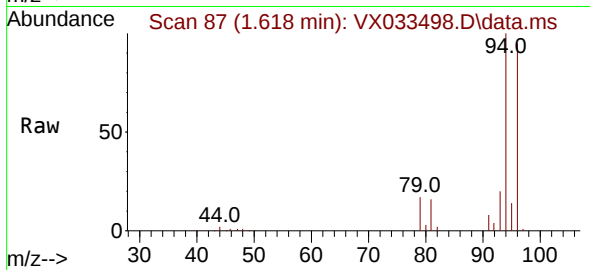
#5
Bromomethane
Concen: 42.896 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 35874
Ion Ratio Lower Upper
94 100
96 95.0 77.6 116.4

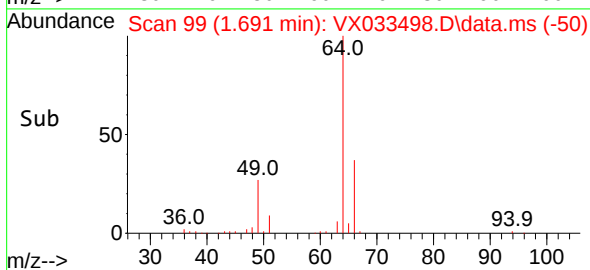
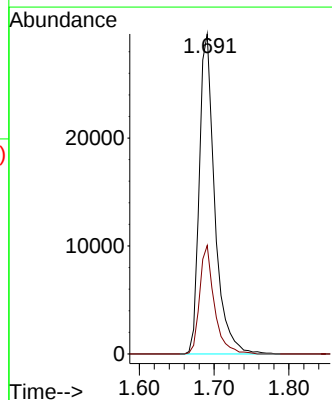
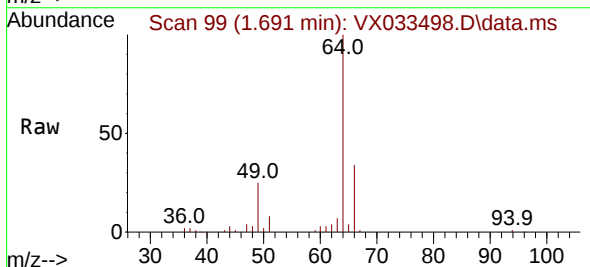
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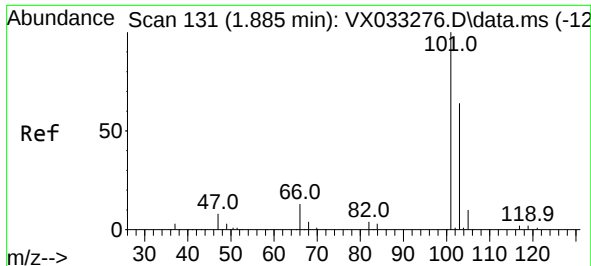
Reviewed By :John Carlone 12/21/2022
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#6
Chloroethane
Concen: 49.142 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033498.D
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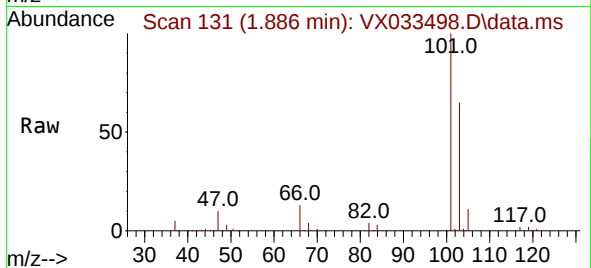
Tgt Ion: 64 Resp: 42478
Ion Ratio Lower Upper
64 100
66 33.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 38.242 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033498.D
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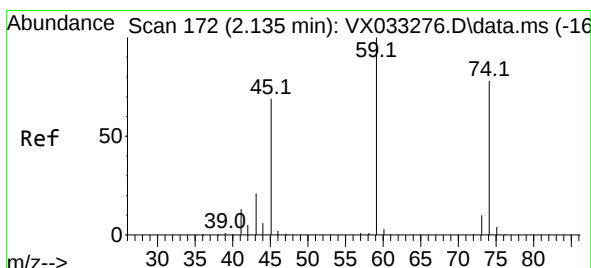
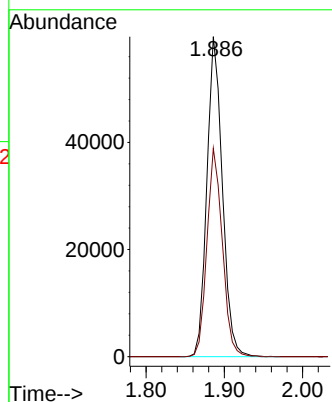
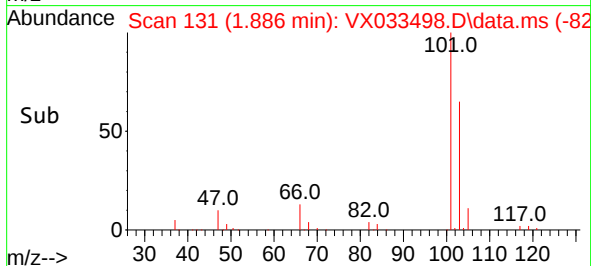
Instrument :
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ClientSampleId :
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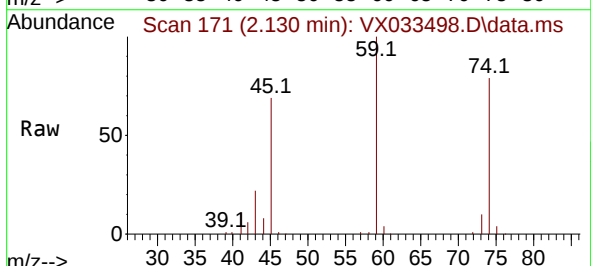
Tgt Ion:101 Resp: 81818
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

Manual Integrations
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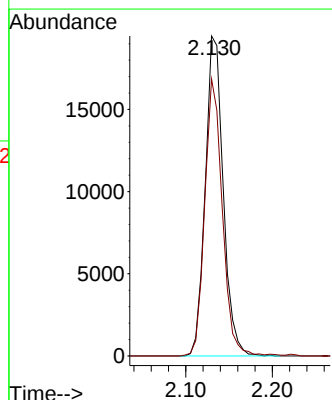
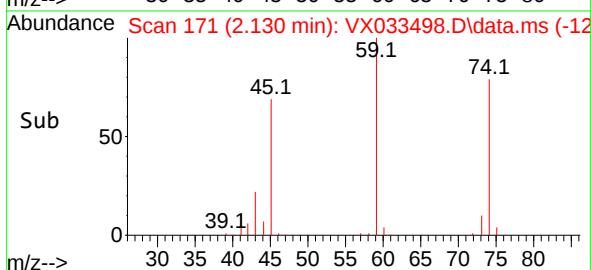
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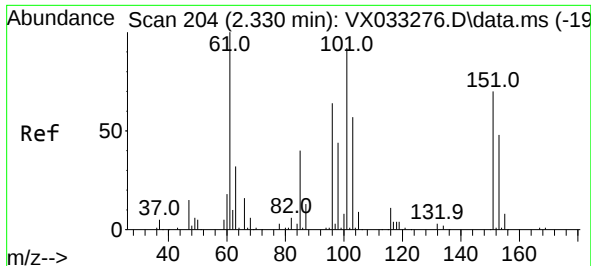


#8
Diethyl Ether
Concen: 36.332 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Acq: 20 Dec 2022 11:03



Tgt Ion: 74 Resp: 28076
Ion Ratio Lower Upper
74 100
45 85.0 46.6 139.7





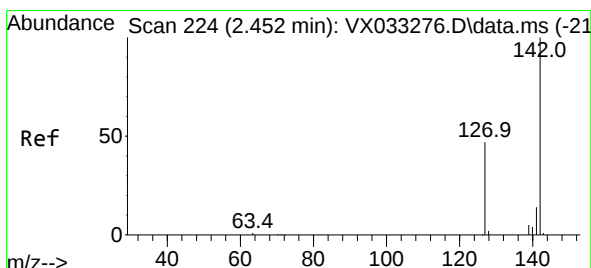
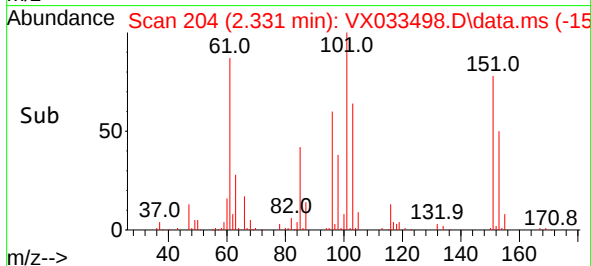
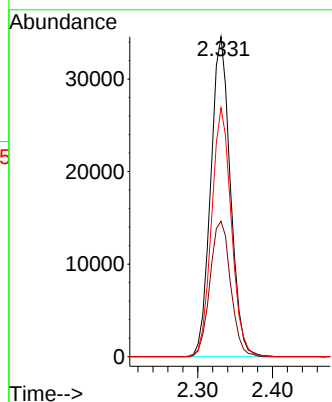
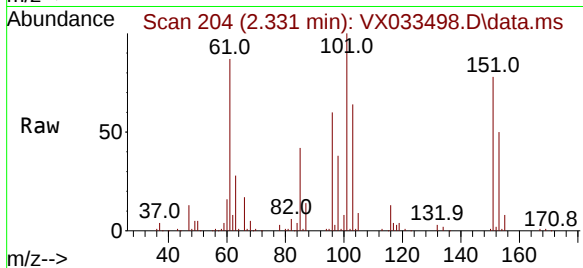
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.652 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 63160
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.4
151 78.3 64.4 96.6

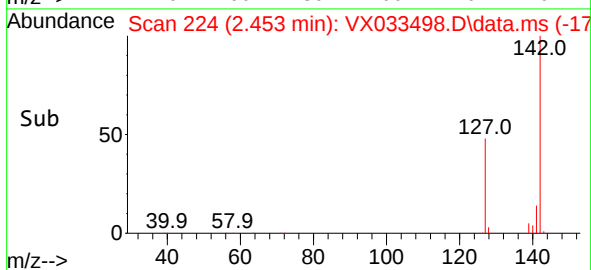
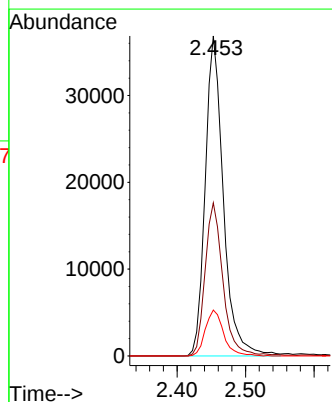
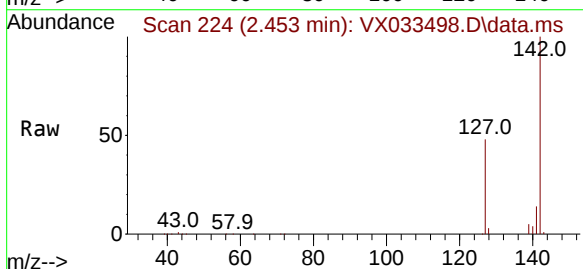
Manual Integrations
APPROVED

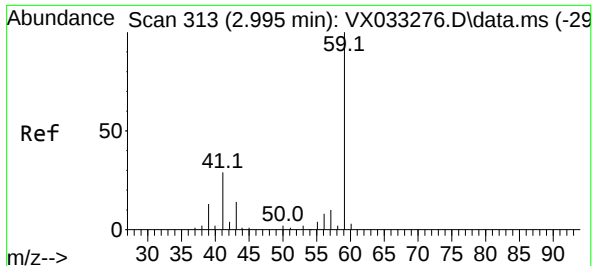
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 54.759 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

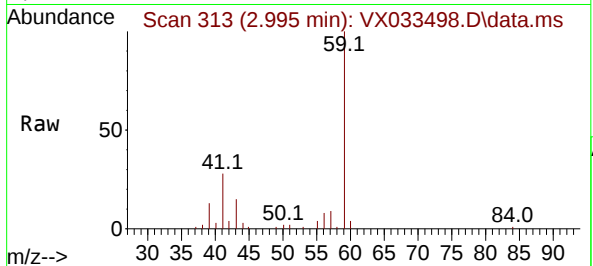
Tgt Ion:142 Resp: 68065
Ion Ratio Lower Upper
142 100
127 47.3 38.6 57.8
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 215.402 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

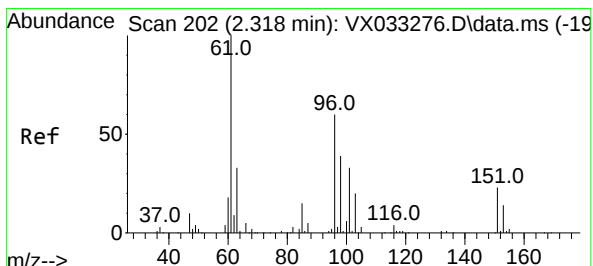
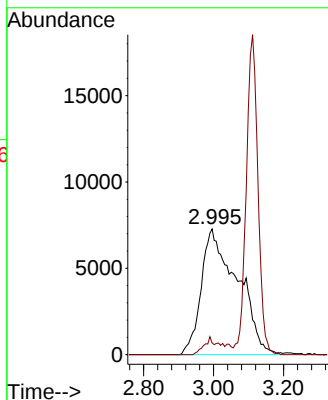
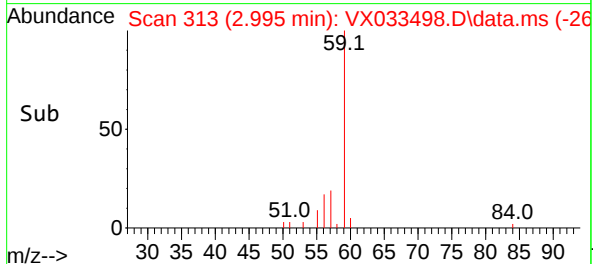
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



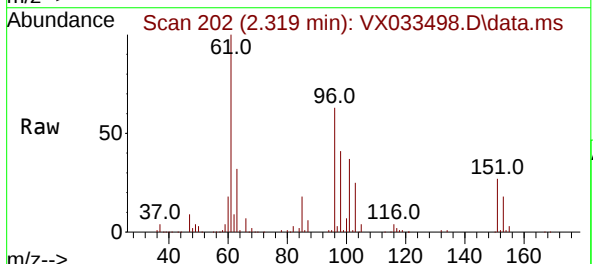
Tgt Ion: 59 Resp: 5220
Ion Ratio Lower Upper
59 100
57 3.5 8.2 12.4

Manual Integrations
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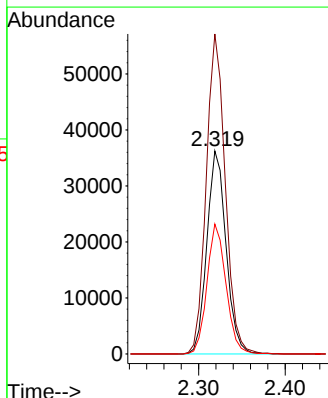
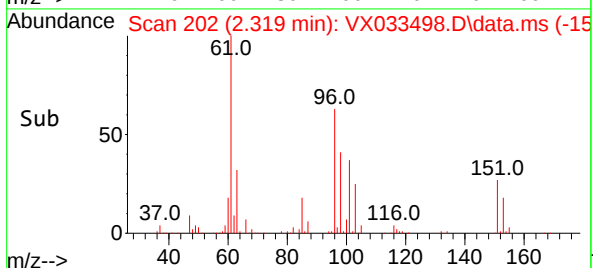
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#12
1,1-Dichloroethene
Concen: 49.751 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03



Tgt Ion: 96 Resp: 55735
Ion Ratio Lower Upper
96 100
61 157.6 125.1 187.7
98 64.0 50.6 76.0





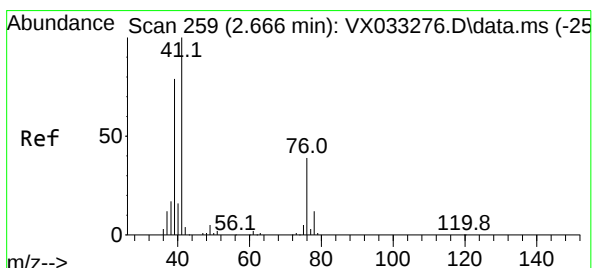
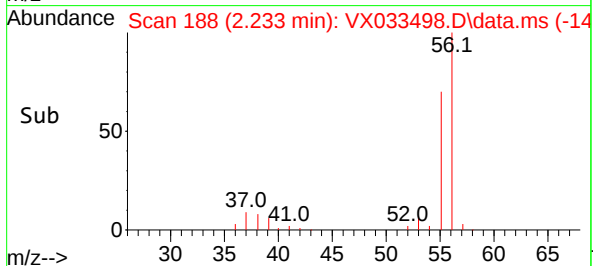
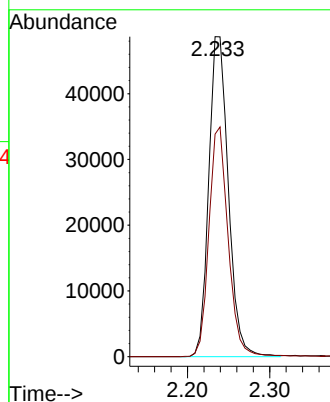
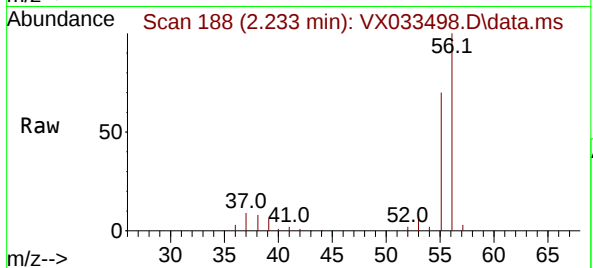
#13
Acrolein
Concen: 306.194 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 8048
Ion Ratio Lower Upper
56 100
55 70.6 56.9 85.3

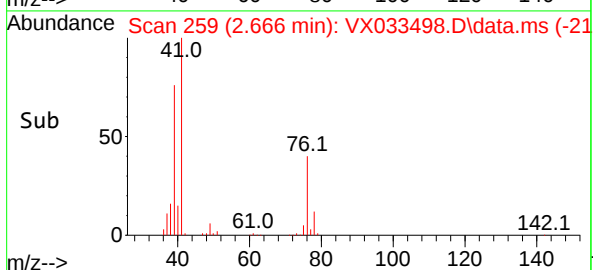
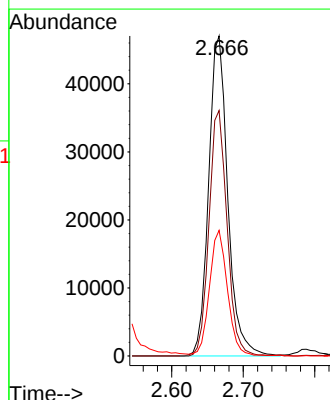
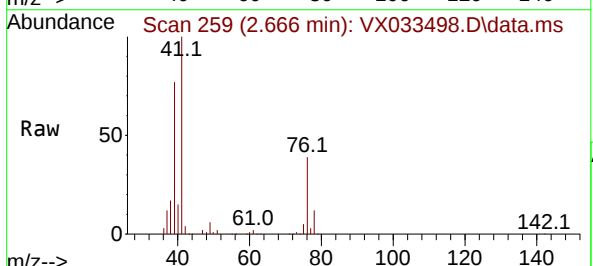
Manual Integrations
APPROVED

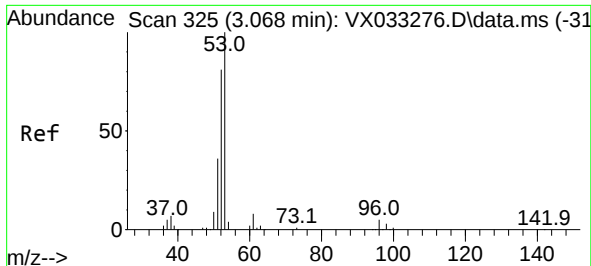
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#14
Allyl chloride
Concen: 48.927 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

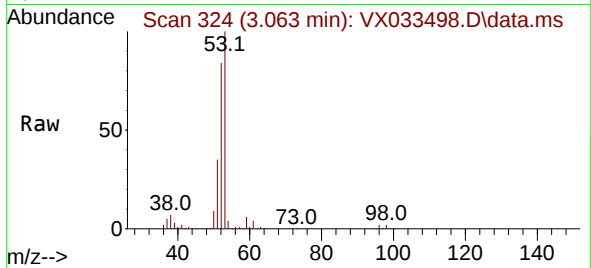
Tgt Ion: 41 Resp: 87531
Ion Ratio Lower Upper
41 100
39 72.3 61.4 92.2
76 36.7 29.2 43.8





#15
Acrylonitrile
Concen: 243.779 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

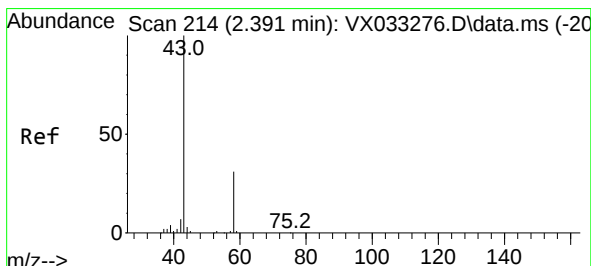
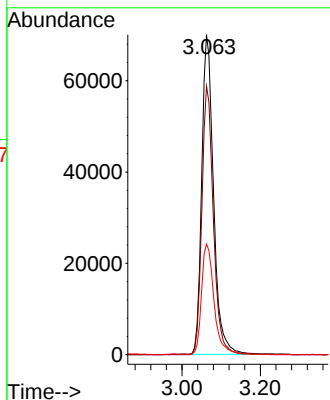
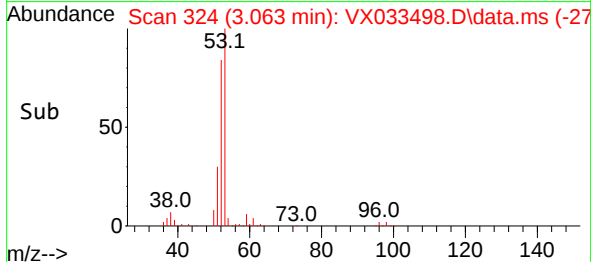
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 146360
Ion Ratio Lower Upper
53 100
52 81.9 67.4 101.0
51 36.3 30.3 45.5

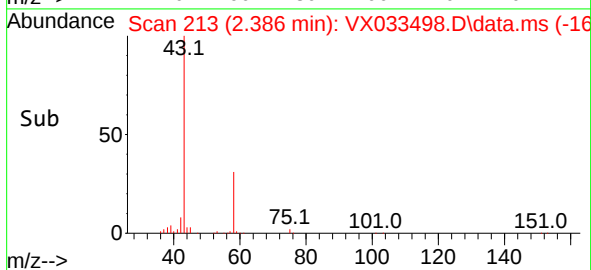
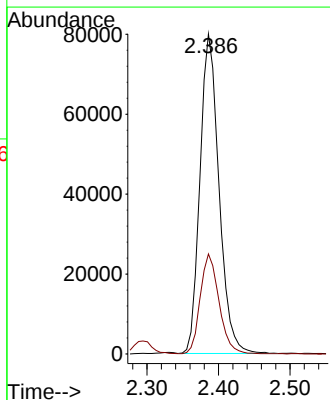
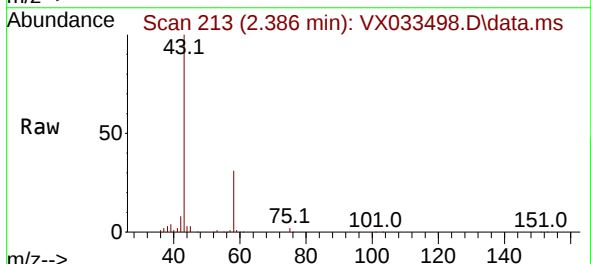
Manual Integrations
APPROVED

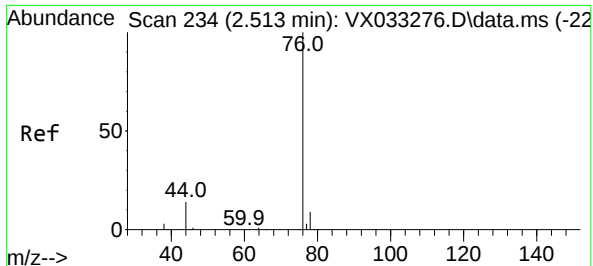
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
Acetone
Concen: 251.874 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 43 Resp: 147753
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.8





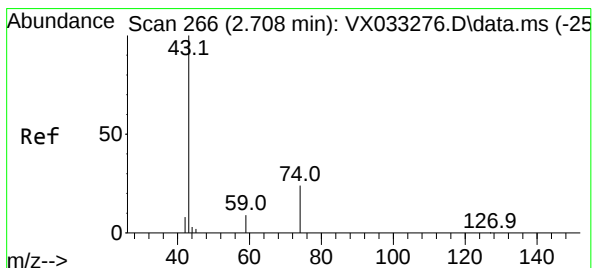
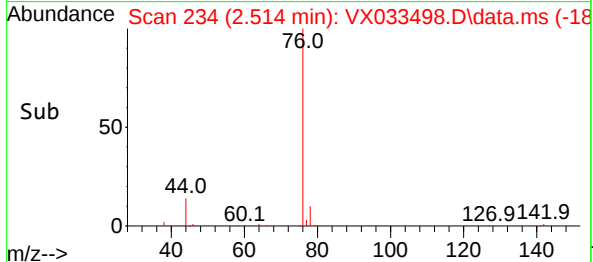
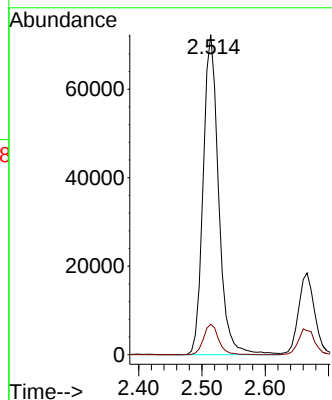
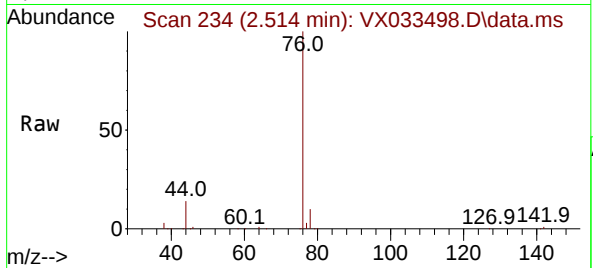
#17
Carbon Disulfide
Concen: 42.874 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 123274
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

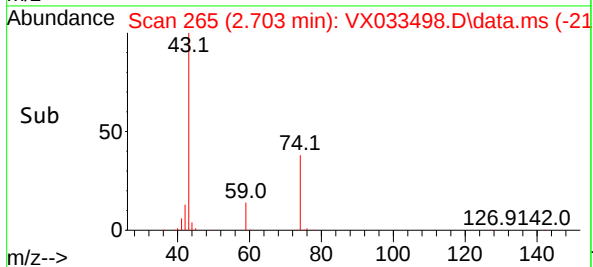
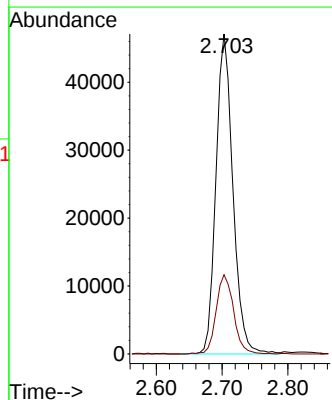
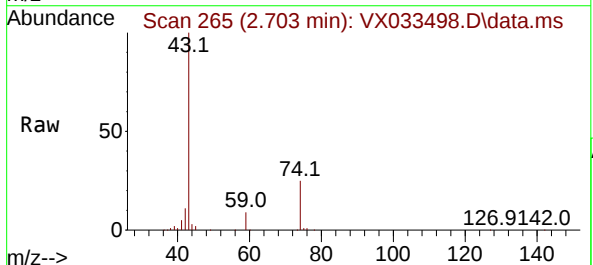
Manual Integrations
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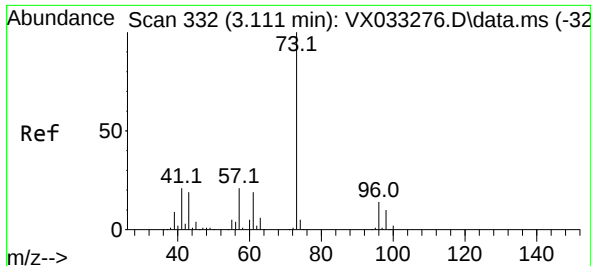
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 49.752 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 43 Resp: 84488
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.0





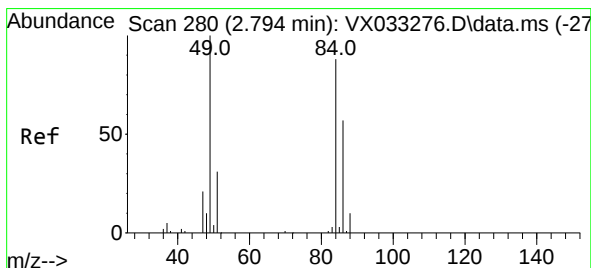
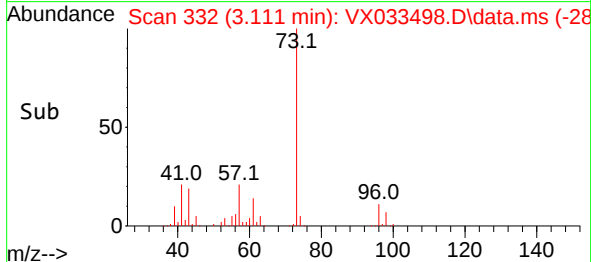
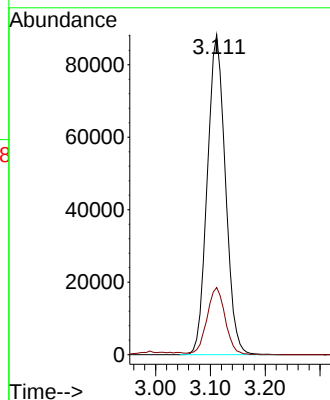
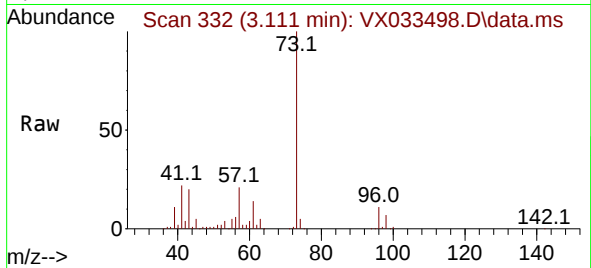
#19
Methyl tert-butyl Ether
Concen: 51.897 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20138
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

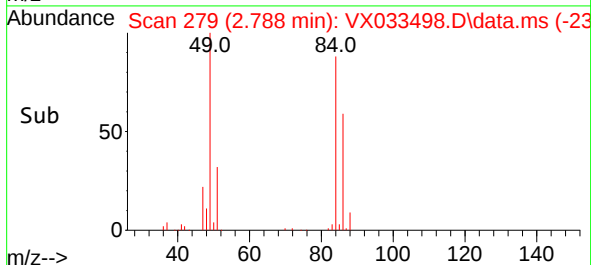
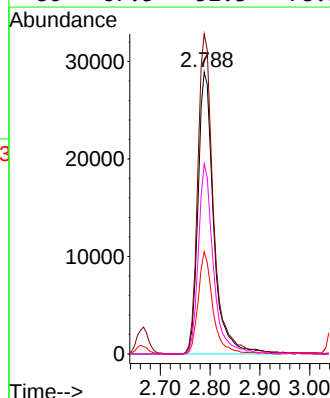
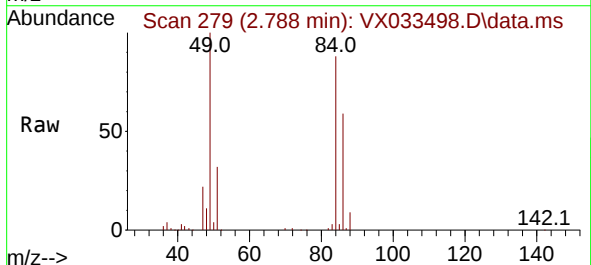
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 48.248 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 84 Resp: 63120
Ion Ratio Lower Upper
84 100
49 113.6 101.0 151.6
51 36.3 31.1 46.7
86 67.5 52.3 78.5





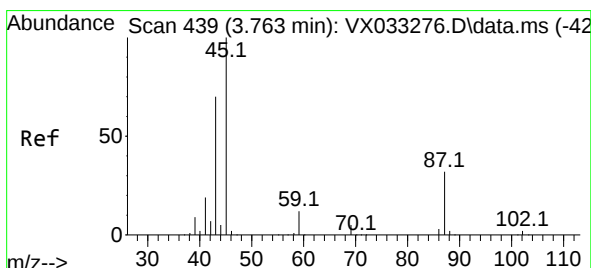
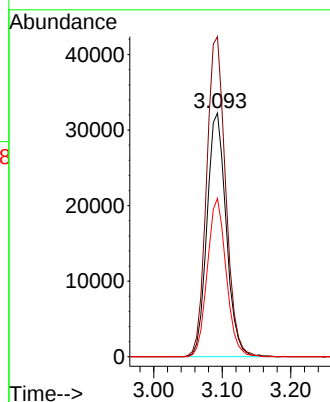
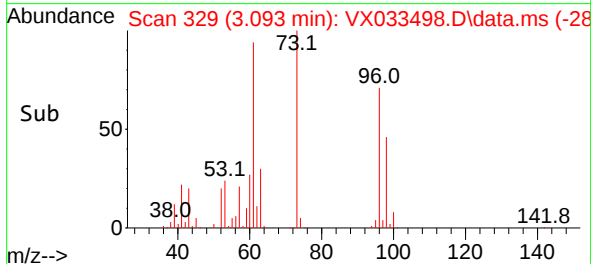
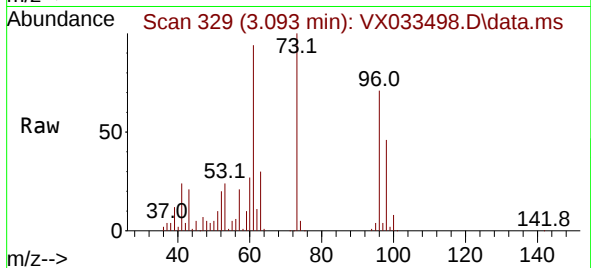
#21
trans-1,2-Dichloroethene
Concen: 51.231 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 6278
Ion Ratio Lower Upper
96 100
61 131.3 106.6 160.0
98 65.0 51.0 76.6

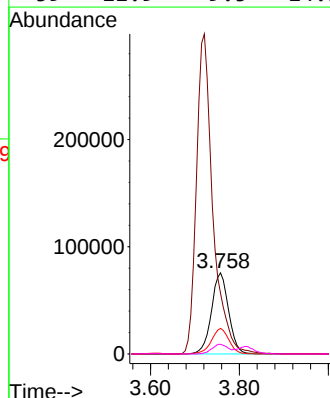
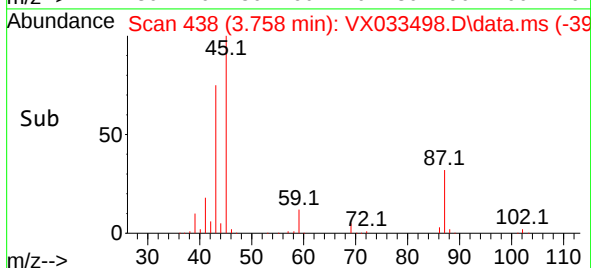
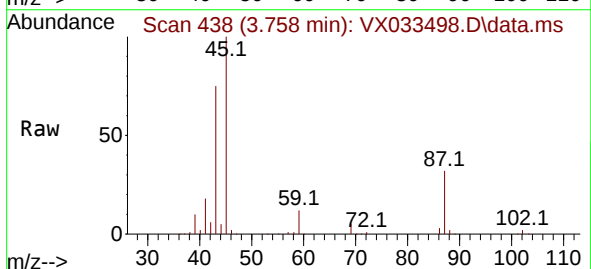
Manual Integrations
APPROVED

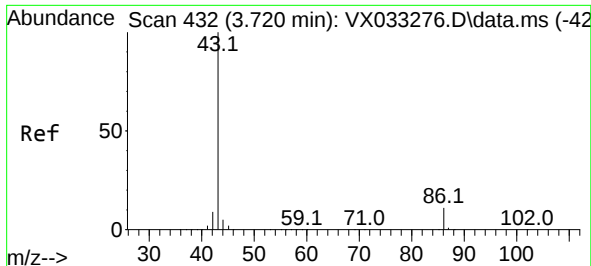
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#22
Diisopropyl ether
Concen: 52.683 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

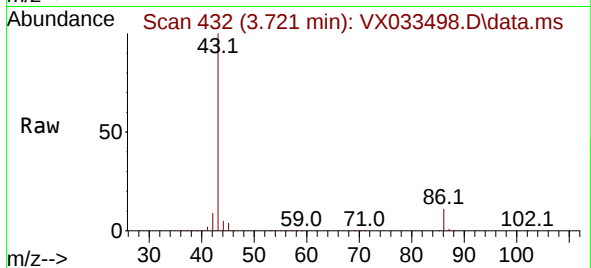
Tgt Ion: 45 Resp: 201932
Ion Ratio Lower Upper
45 100
43 74.9 56.4 84.6
87 31.6 24.4 36.6
59 11.9 9.5 14.3





#23
 Vinyl Acetate
 Concen: 258.123 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03

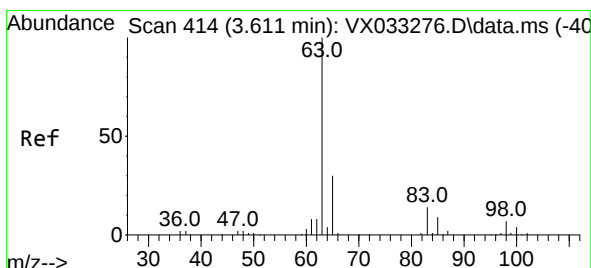
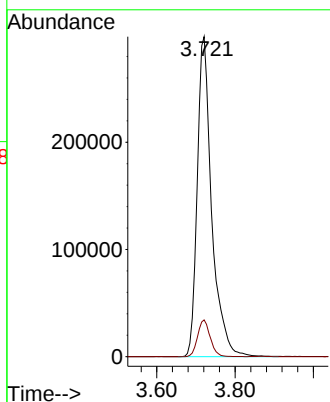
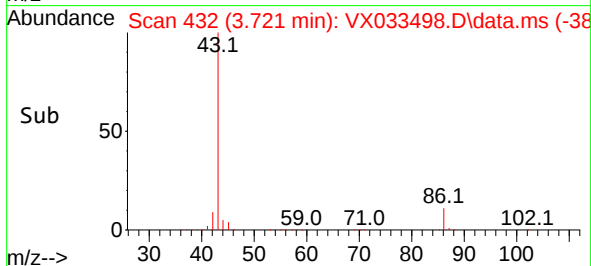
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



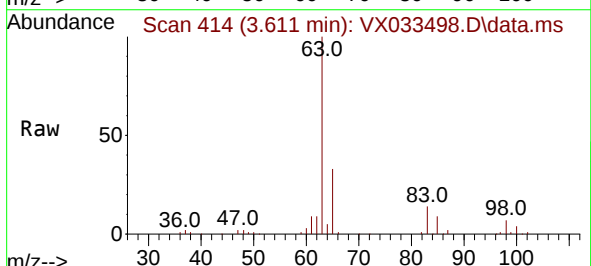
Tgt Ion: 43 Resp: 767930
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8

Manual Integrations
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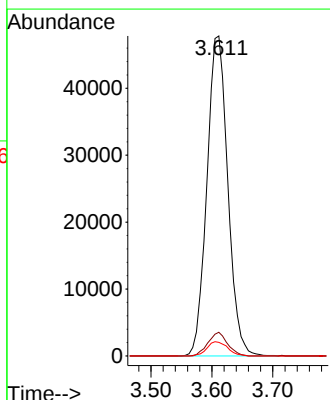
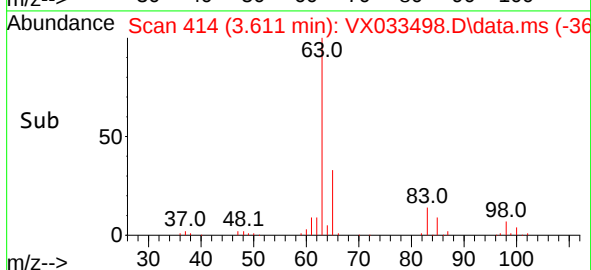
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

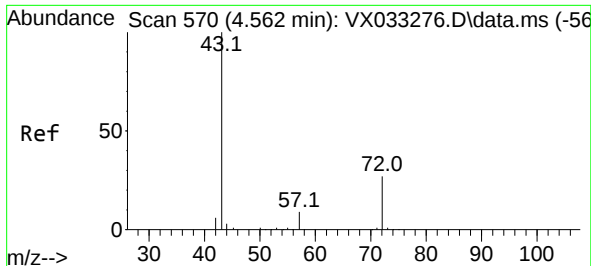


#24
 1,1-Dichloroethane
 Concen: 50.615 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03



Tgt Ion: 63 Resp: 113991
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.3 2.3 6.8





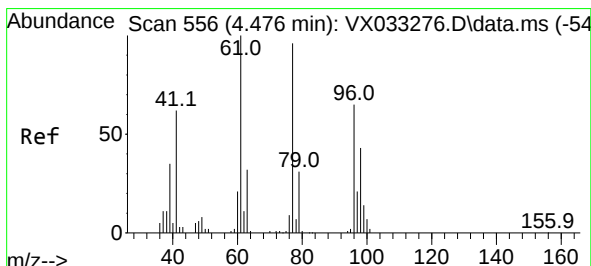
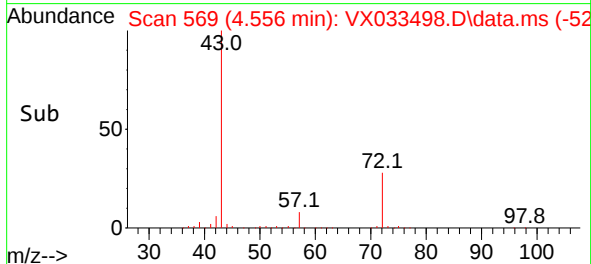
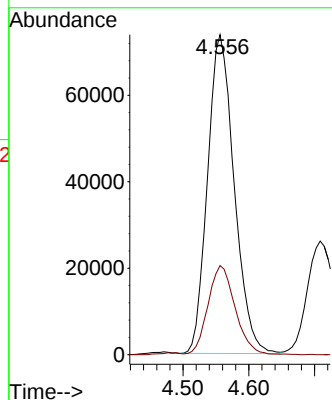
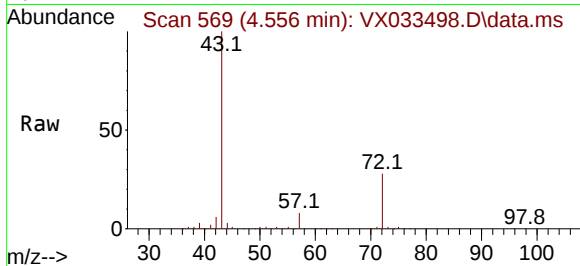
#25
2-Butanone
Concen: 246.790 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050

Tgt Ion: 43 Resp: 207800
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2

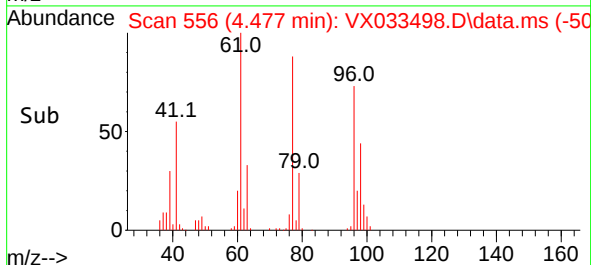
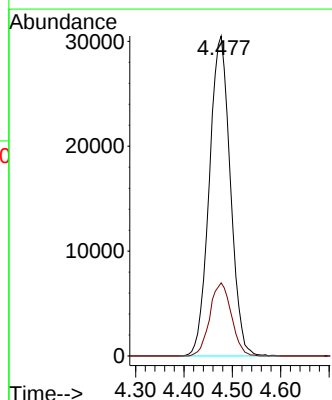
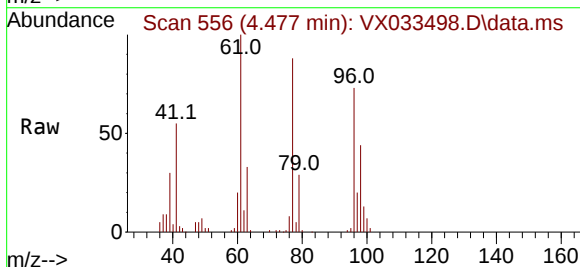
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#26
2,2-Dichloropropane
Concen: 55.542 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 77 Resp: 91988
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.248 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 76520

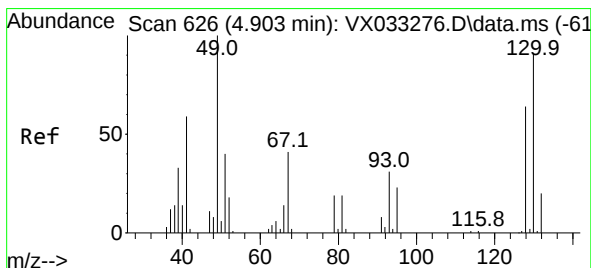
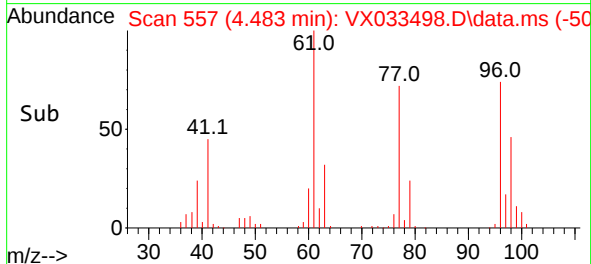
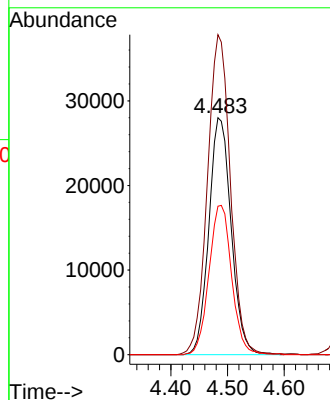
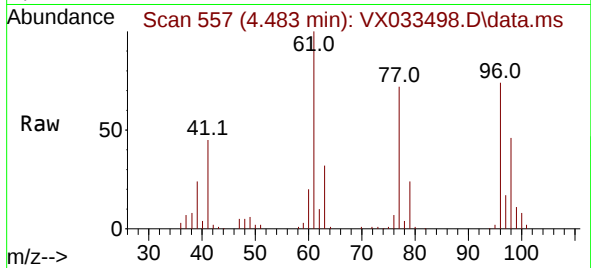
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	286.0
98	63.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#28

Bromochloromethane

Concen: 50.036 ug/l

RT: 4.891 min Scan# 624

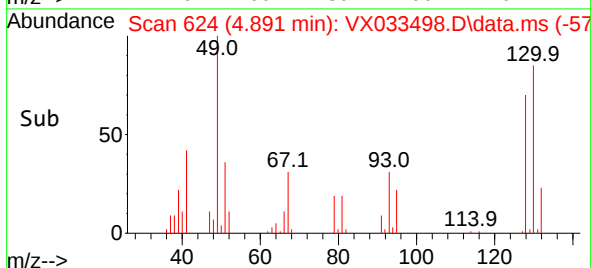
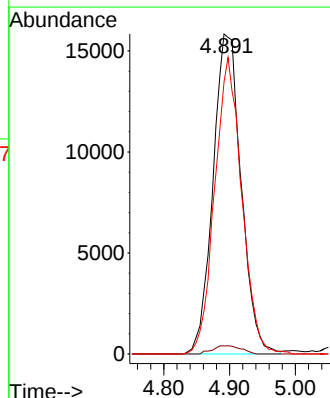
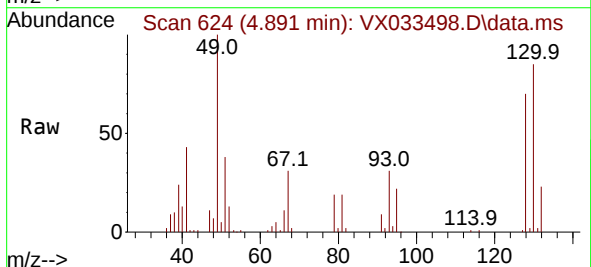
Delta R.T. -0.012 min

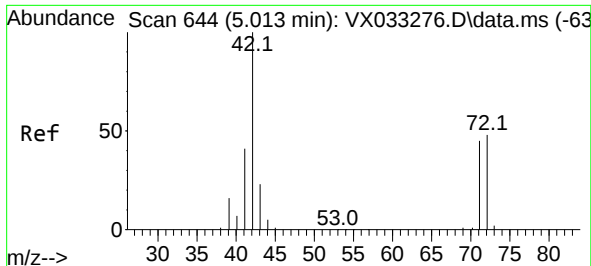
Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Tgt Ion: 49 Resp: 47172

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.8
130	88.9	67.5	101.3





#29

Tetrahydrofuran

Concen: 240.744 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 131340

Ion Ratio Lower Upper

42 100

72 48.1 37.6 56.4

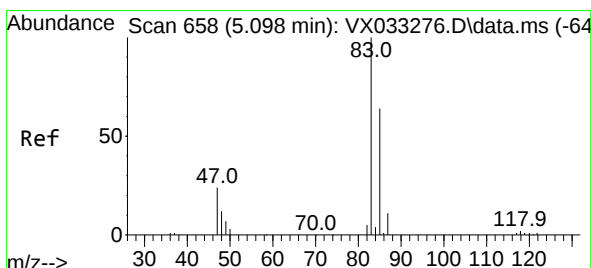
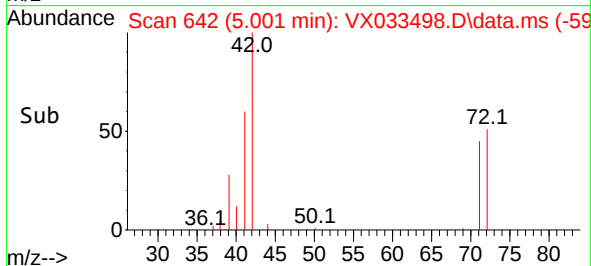
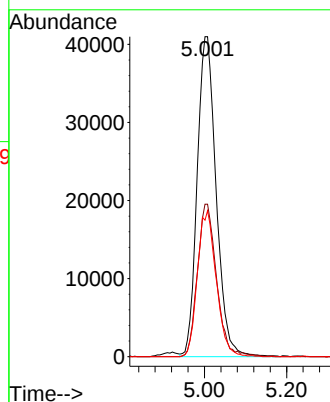
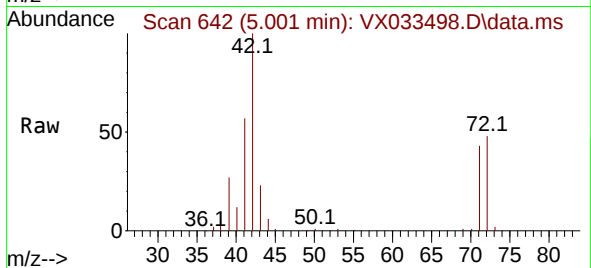
71 45.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#30

Chloroform

Concen: 52.949 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033498.D

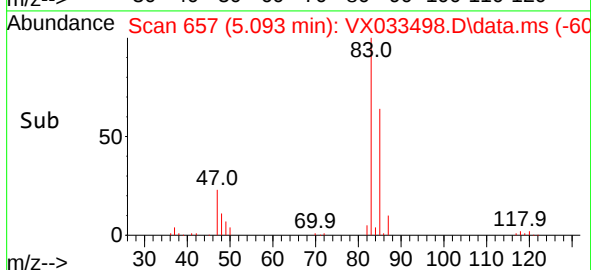
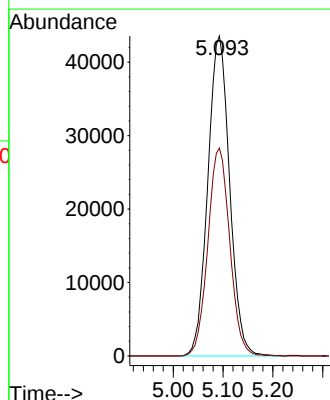
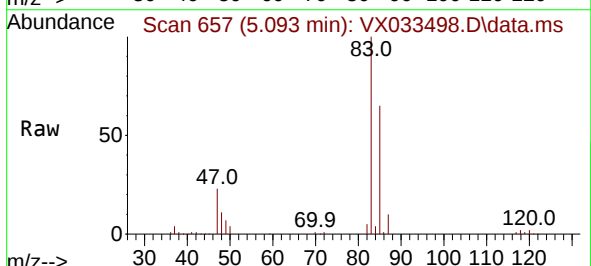
Acq: 20 Dec 2022 11:03

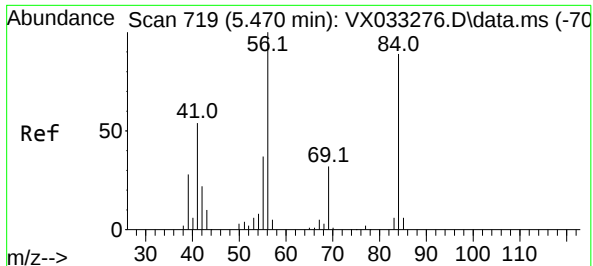
Tgt Ion: 83 Resp: 132386

Ion Ratio Lower Upper

83 100

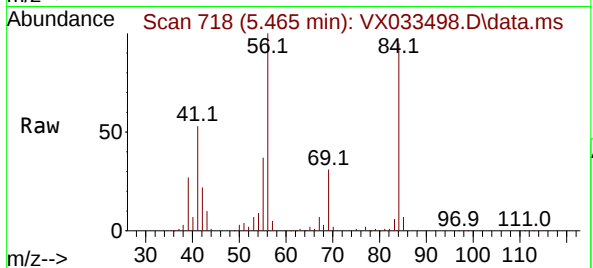
85 64.9 51.1 76.7





#31
Cyclohexane
Concen: 51.815 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

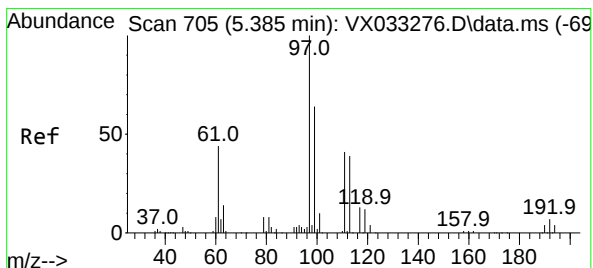
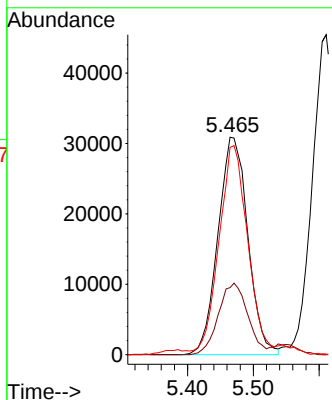
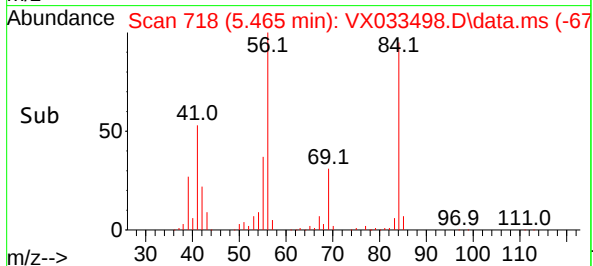
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9762
Ion Ratio Lower Upper
56 100
69 30.8 24.1 36.1
84 92.9 66.9 100.3

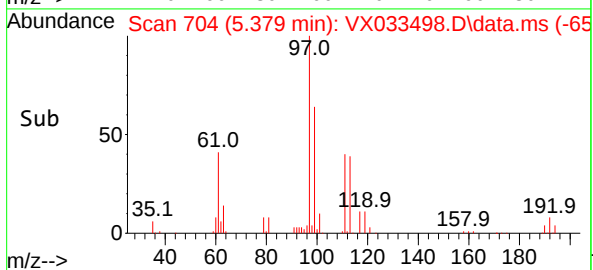
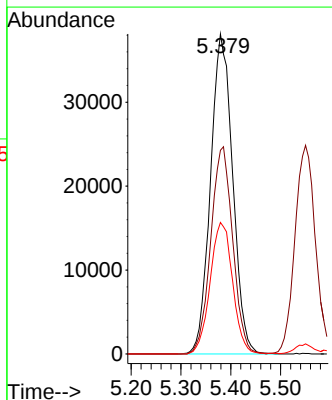
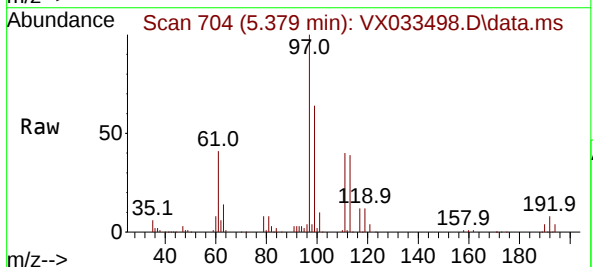
Manual Integrations
APPROVED

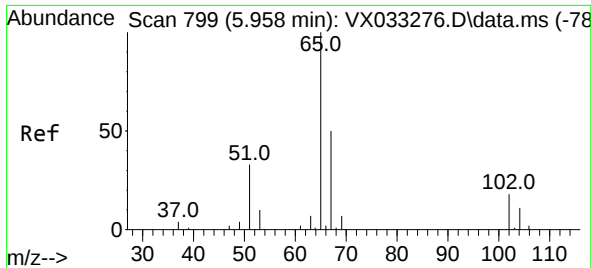
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#32
1,1,1-Trichloroethane
Concen: 54.643 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 97 Resp: 117548
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 41.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.912 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 3877

Ion Ratio Lower Upper

65 100

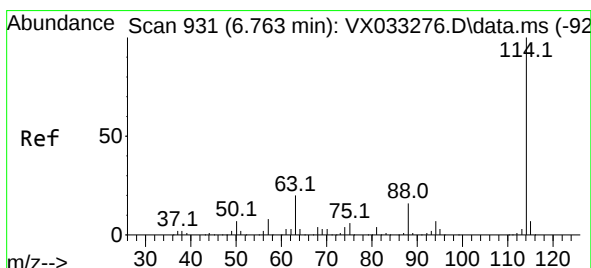
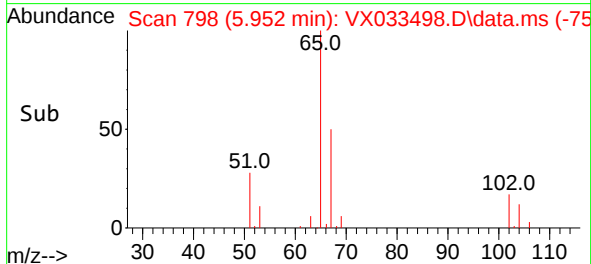
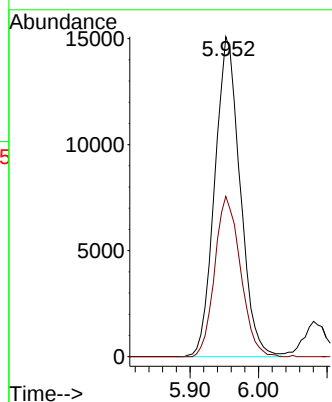
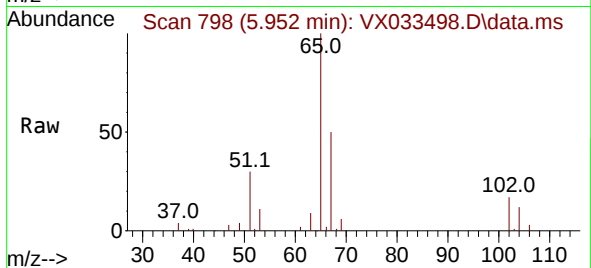
67 50.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

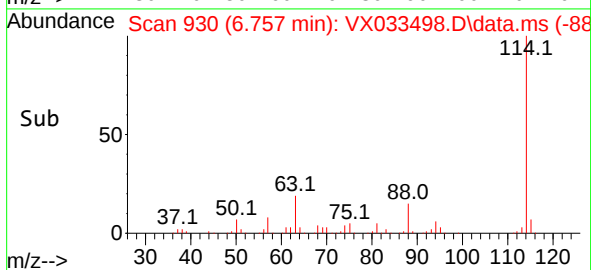
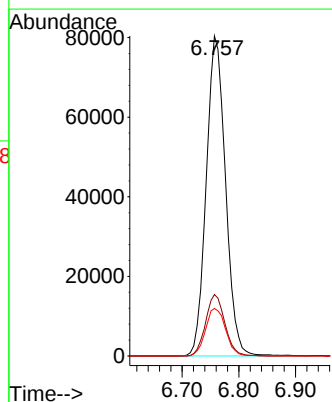
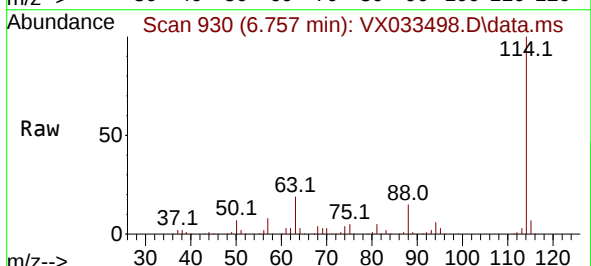
Tgt Ion:114 Resp: 189870

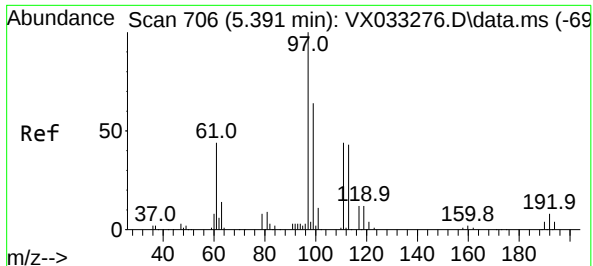
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

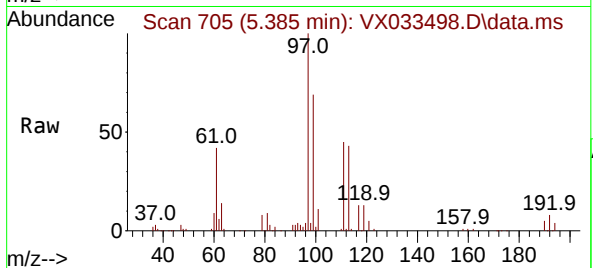
88 14.9 0.0 33.4





#35
Dibromofluoromethane
Concen: 52.289 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

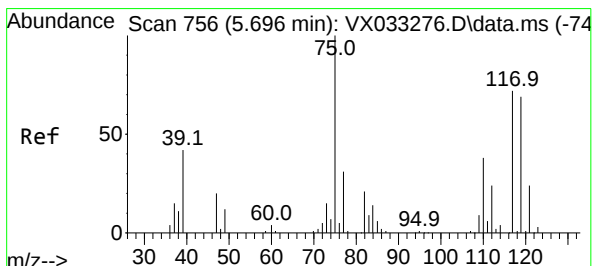
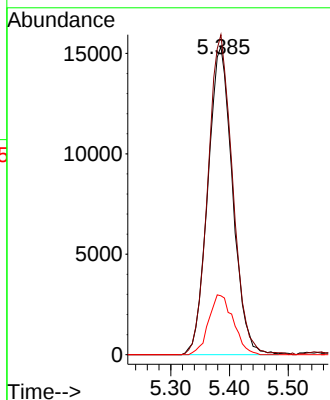
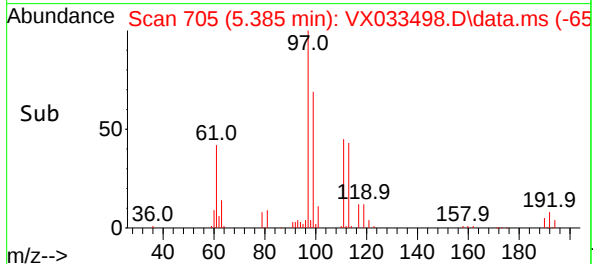
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



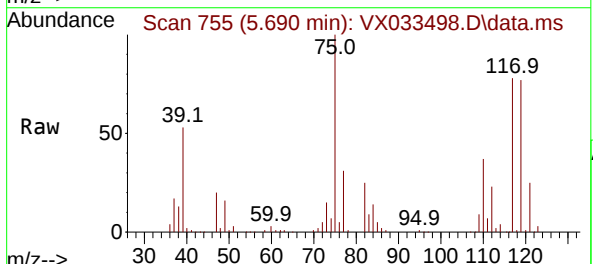
Tgt Ion:113 Resp: 4465
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.4 15.4 23.2

Manual Integrations
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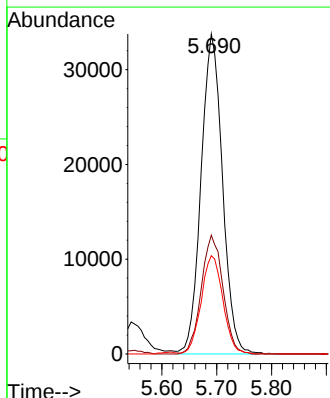
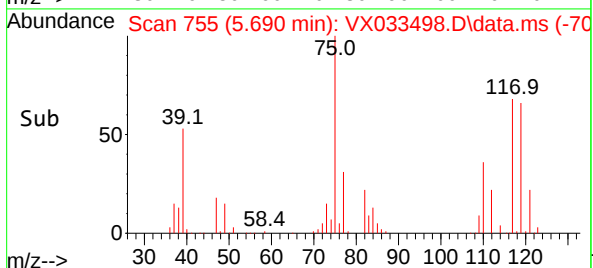
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

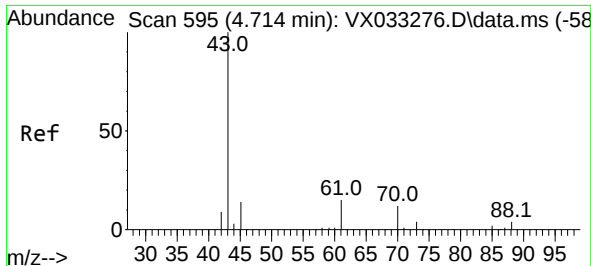


#36
1,1-Dichloropropene
Concen: 54.952 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03



Tgt Ion: 75 Resp: 91495
Ion Ratio Lower Upper
75 100
110 37.5 18.4 55.2
77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 49.881 ug/l

RT: 4.709 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

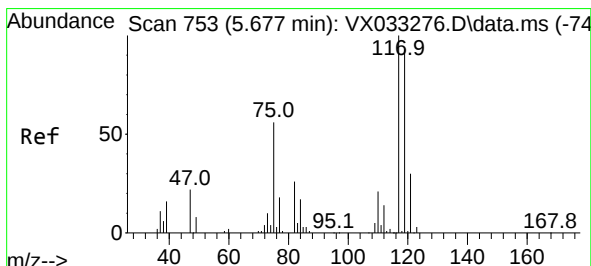
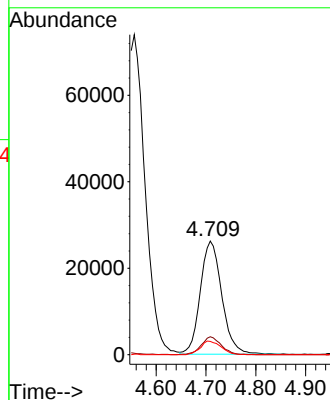
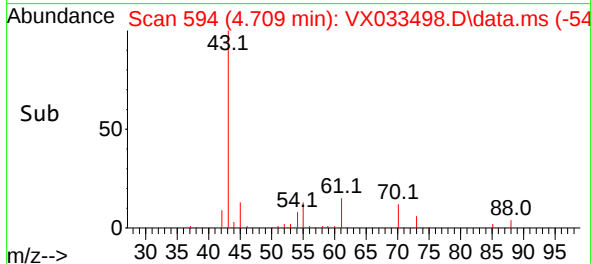
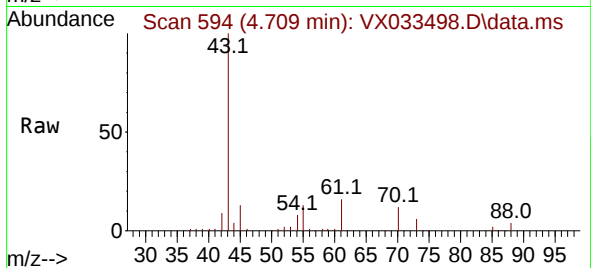
Tgt Ion: 43	Resp: 78508
Ion Ratio	Lower Upper
43 100	
61 14.7	11.5 17.3
70 11.5	9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#38

Carbon Tetrachloride

Concen: 55.290 ug/l

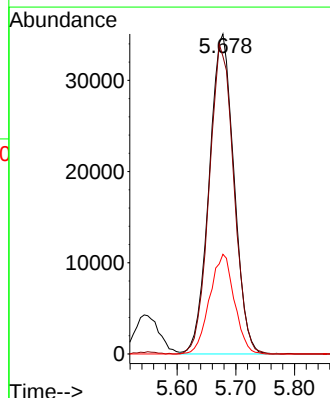
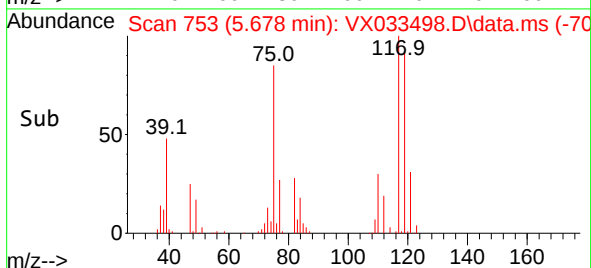
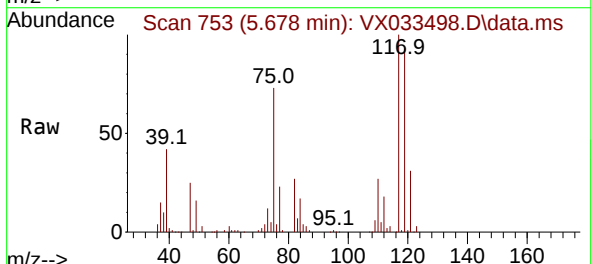
RT: 5.678 min Scan# 753

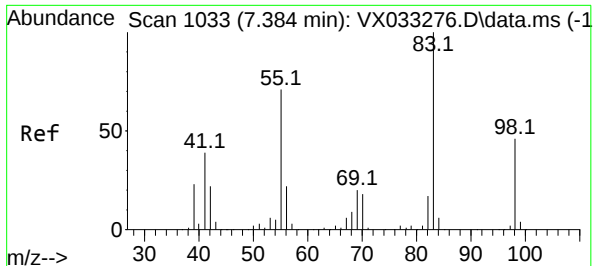
Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Tgt Ion:117	Resp: 103143
Ion Ratio	Lower Upper
117 100	
119 93.0	77.2 115.8
121 31.2	25.8 38.6





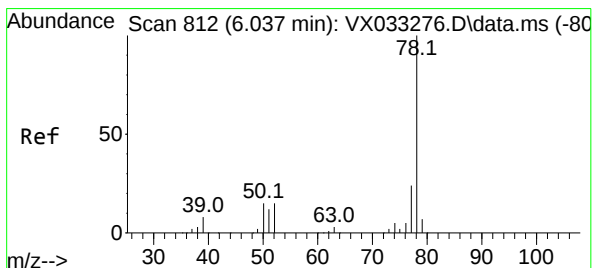
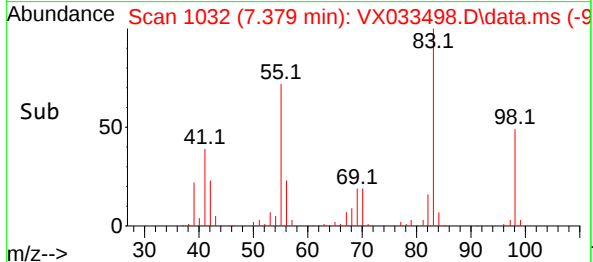
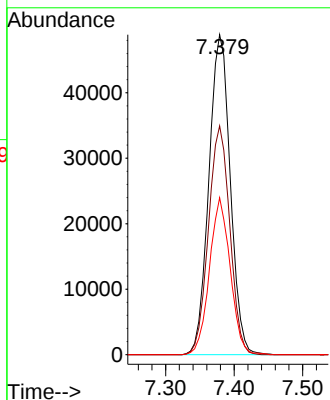
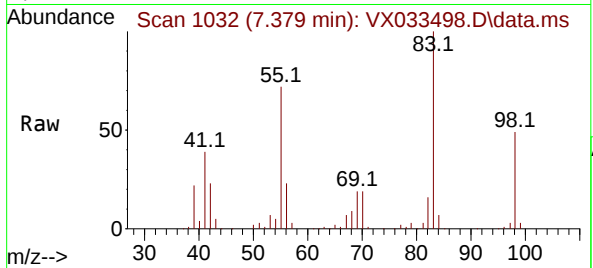
#39
Methylcyclohexane
Concen: 56.932 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10610
Ion Ratio Lower Upper
83 100
55 71.5 58.4 87.6
98 49.1 37.2 55.8

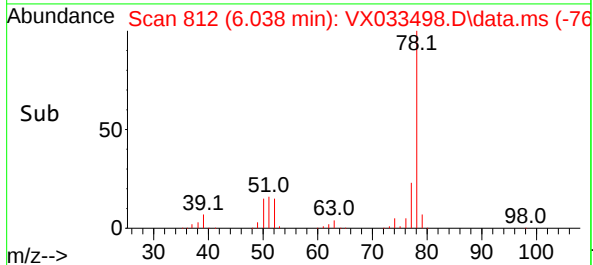
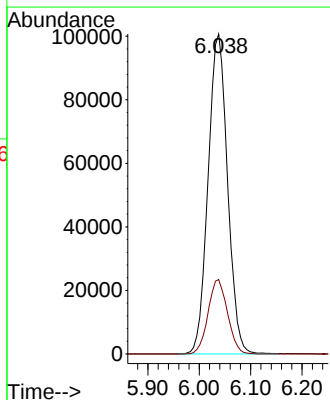
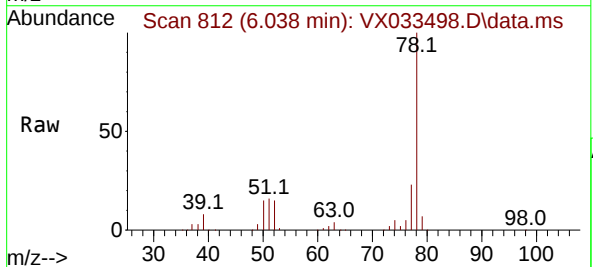
Manual Integrations
APPROVED

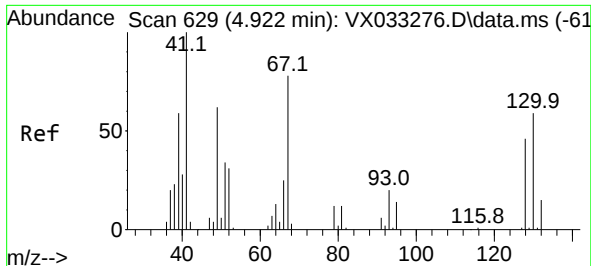
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#40
Benzene
Concen: 54.496 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

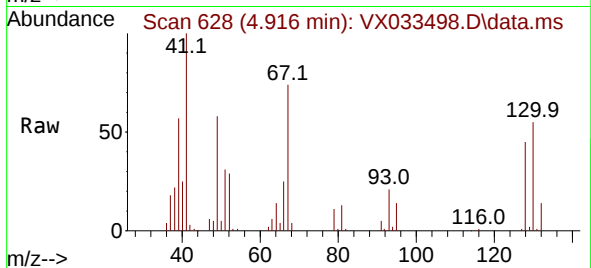
Tgt Ion: 78 Resp: 264558
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





#41
Methacrylonitrile
Concen: 53.247 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

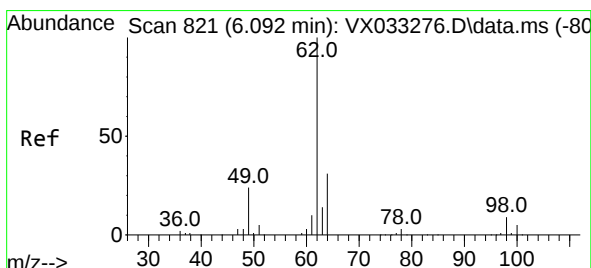
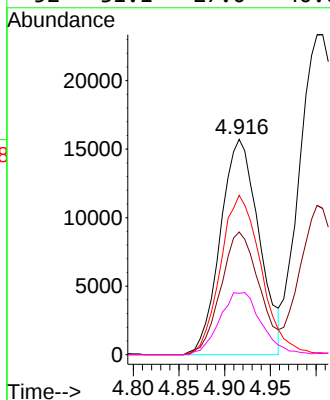
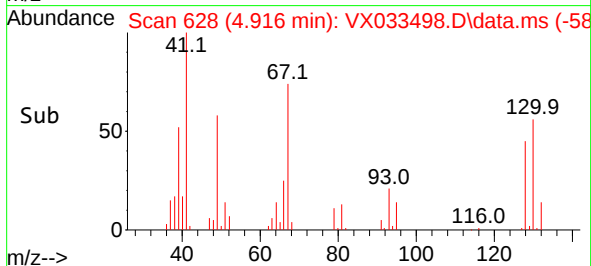
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	4618
Ion Ratio	100	Lower	Upper
39	56.7	47.5	71.3
67	78.0	60.5	90.7
52	31.1	27.0	40.6

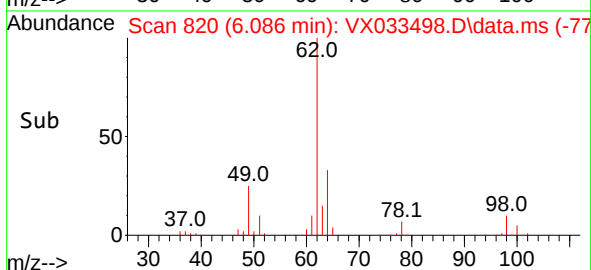
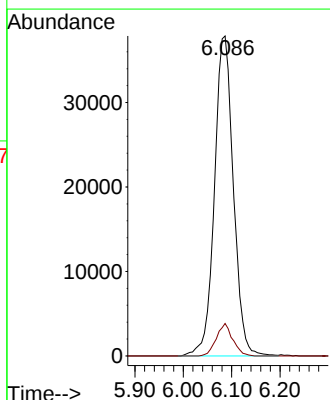
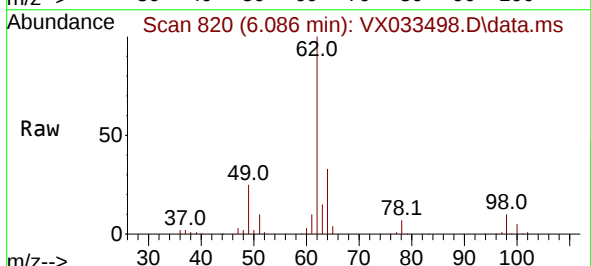
Manual Integrations
APPROVED

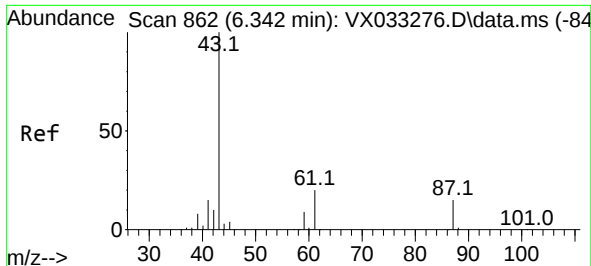
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#42
1,2-Dichloroethane
Concen: 53.424 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

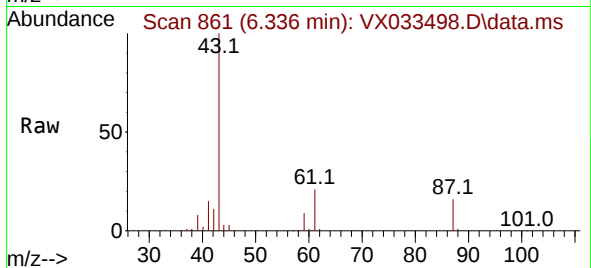
Tgt Ion:	62	Resp:	102989
Ion Ratio	100	Lower	Upper
98	8.8	0.0	16.0





#43
Isopropyl Acetate
Concen: 52.212 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

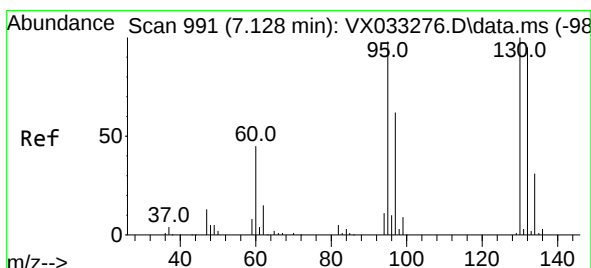
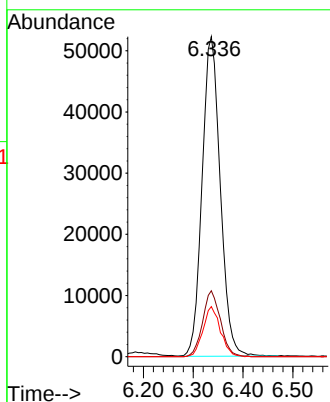
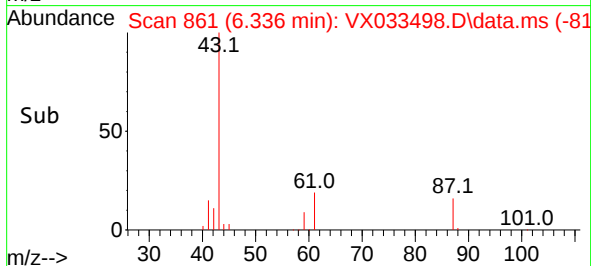
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 13222
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0
87 15.0 10.8 16.2

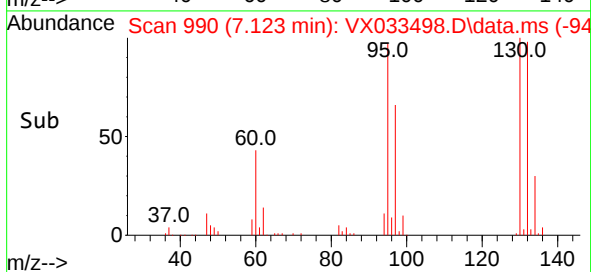
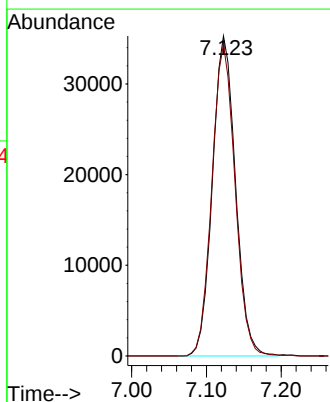
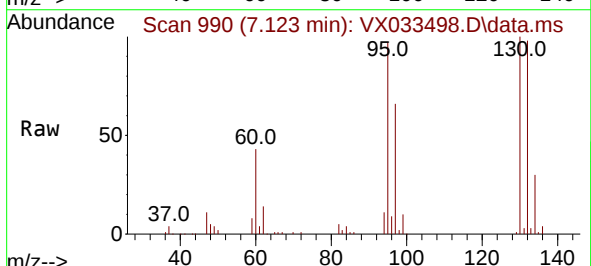
Manual Integrations
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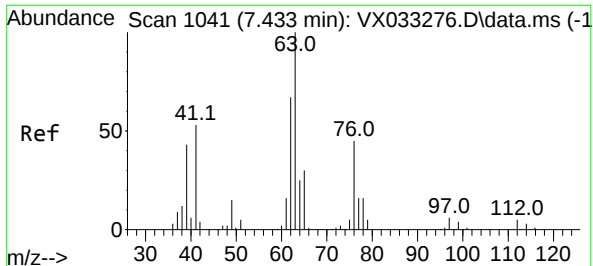
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#44
Trichloroethene
Concen: 56.519 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:130 Resp: 75649
Ion Ratio Lower Upper
130 100
95 97.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 53.728 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6670

Ion Ratio Lower Upper

63 100

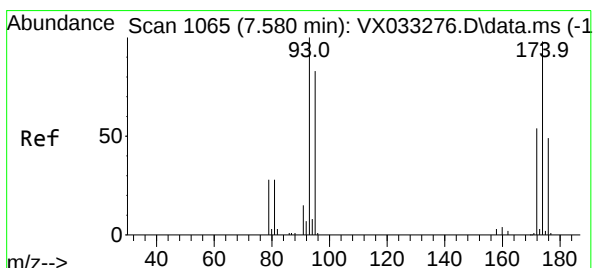
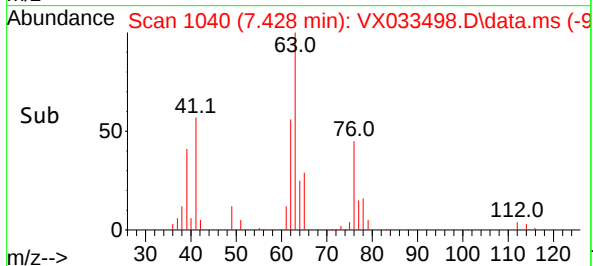
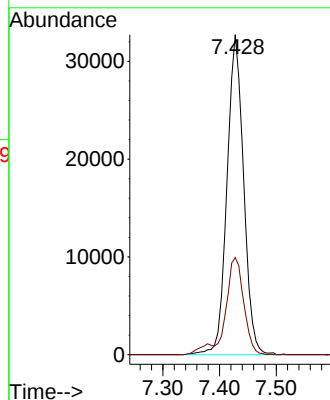
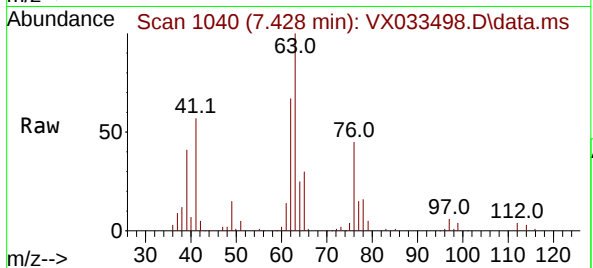
65 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 53.854 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

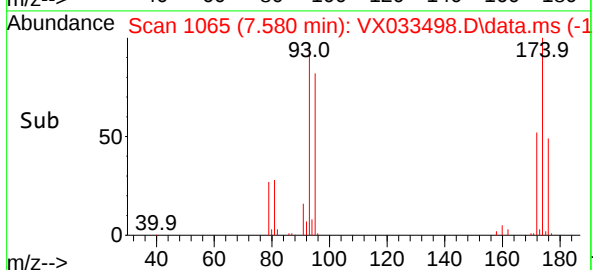
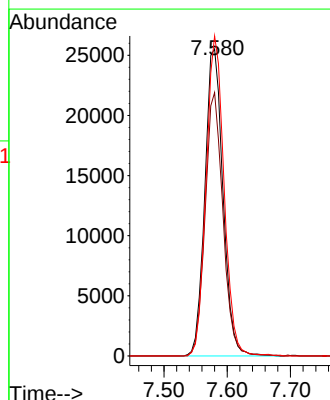
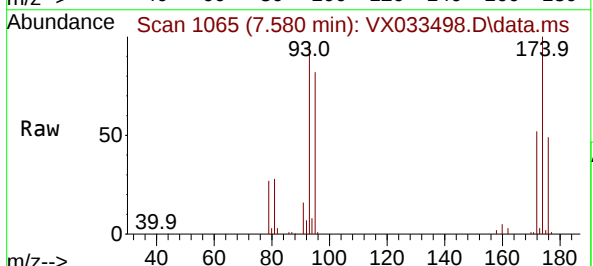
Tgt Ion: 93 Resp: 50934

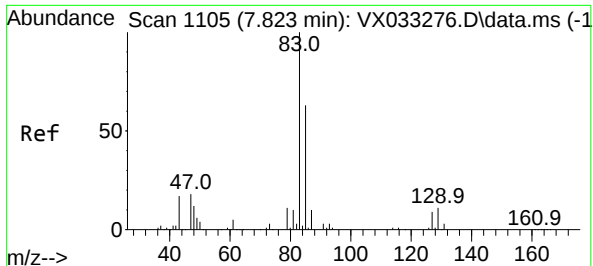
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.8

174 103.2 79.8 119.6





#47
Bromodichloromethane
Concen: 55.466 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

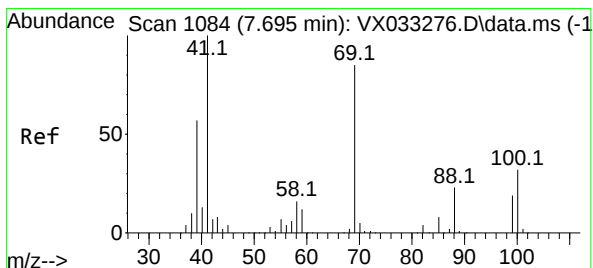
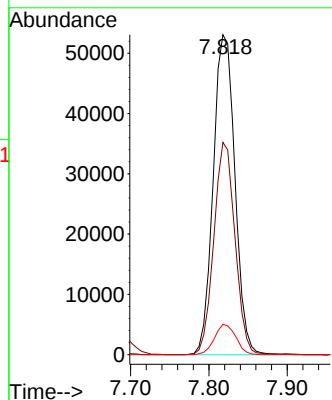
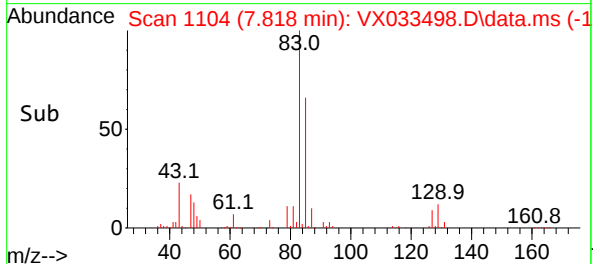
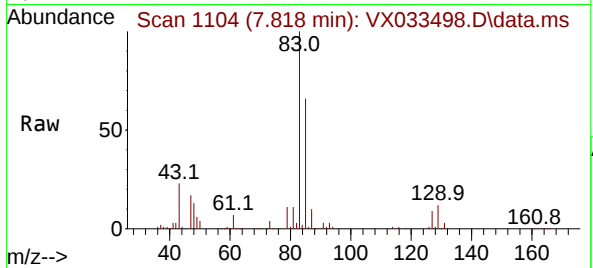
VSTDCCC050

Tgt Ion: 83 Resp: 102259
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.4
127 9.5 7.4 11.2

Manual Integrations

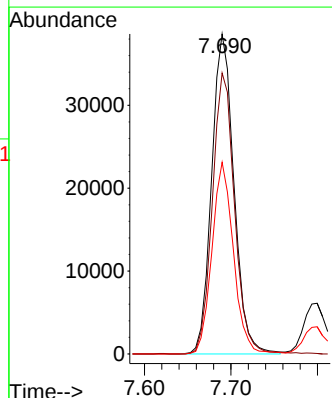
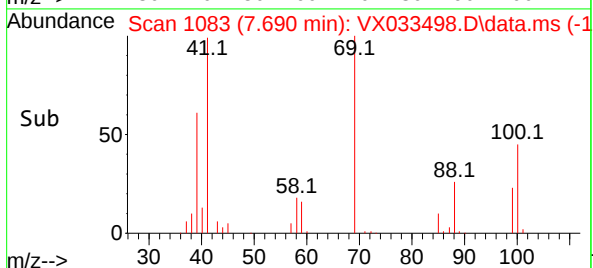
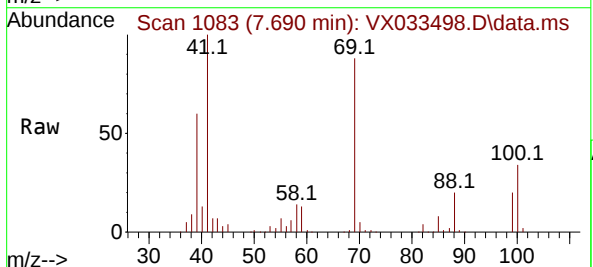
APPROVED

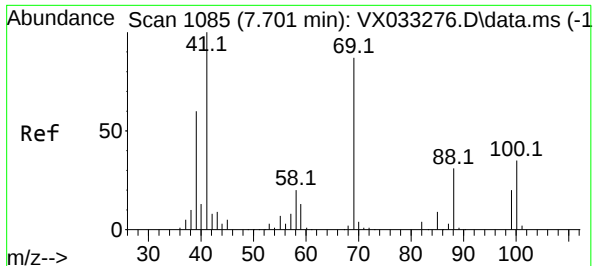
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#48
Methyl methacrylate
Concen: 52.846 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 41 Resp: 69069
Ion Ratio Lower Upper
41 100
69 87.5 65.1 97.7
39 57.8 51.9 77.9





#49

1,4-Dioxane

Concen: 932.002 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

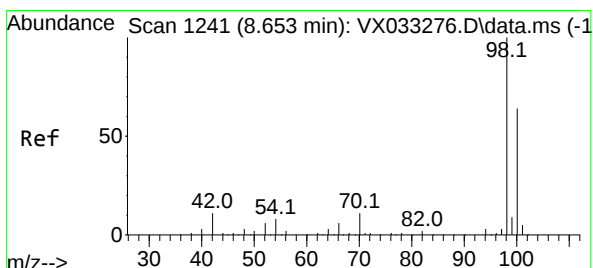
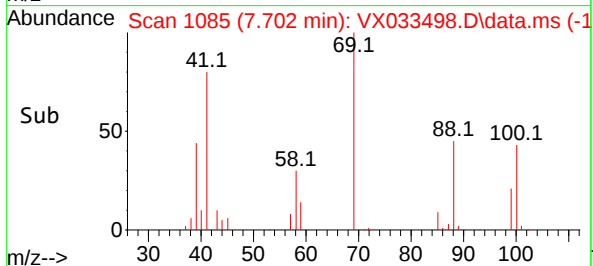
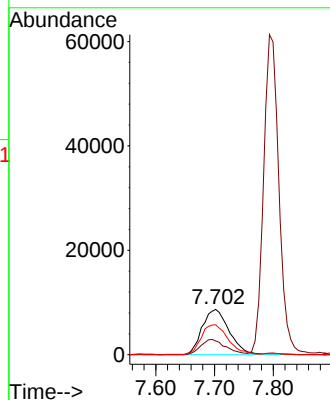
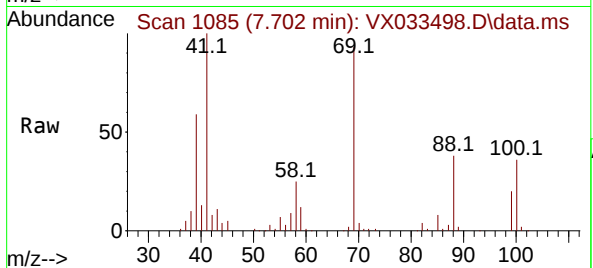
Tgt Ion: 88 Resp: 2777
 Ion Ratio Lower Upper
 88 100
 43 31.6 26.6 39.8
 58 65.2 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 53.763 ug/l

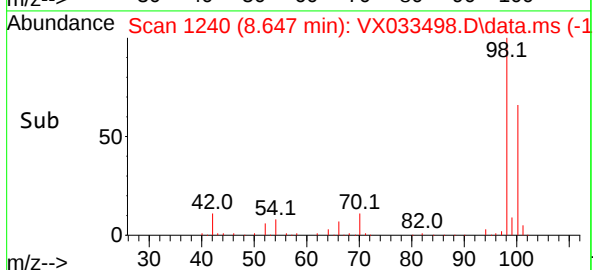
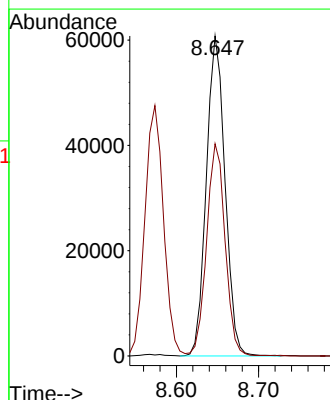
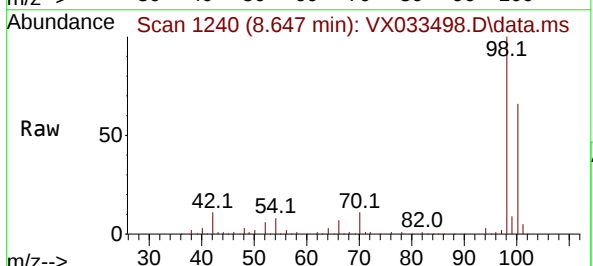
RT: 8.647 min Scan# 1240

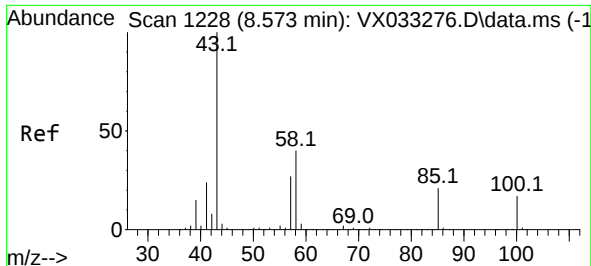
Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Tgt Ion: 98 Resp: 96049
 Ion Ratio Lower Upper
 98 100
 100 65.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 268.242 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 42958

Ion Ratio Lower Upper

43 100

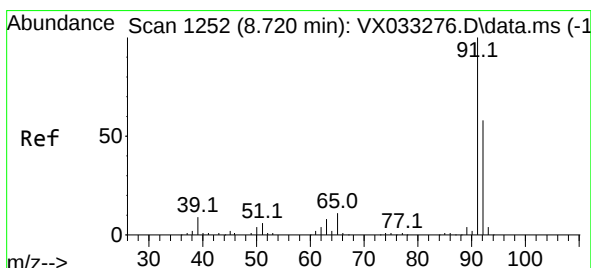
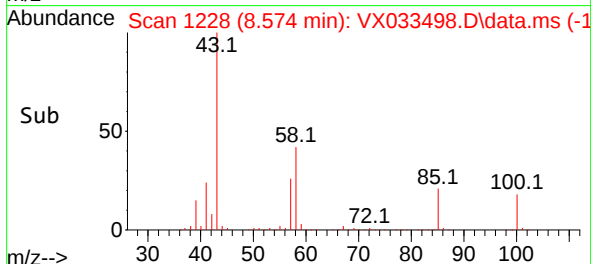
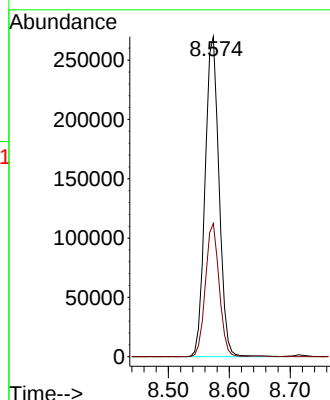
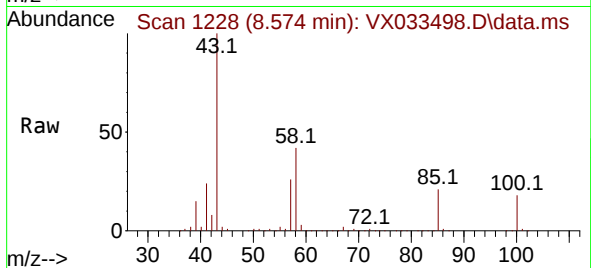
58 41.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#52

Toluene

Concen: 57.336 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033498.D

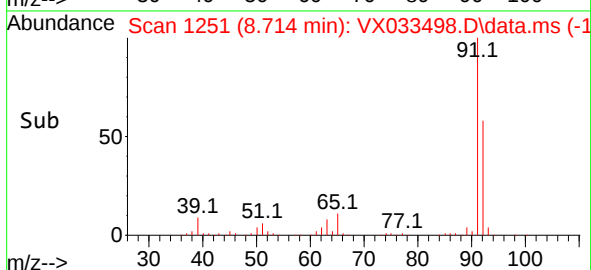
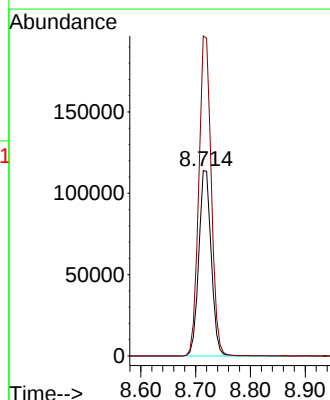
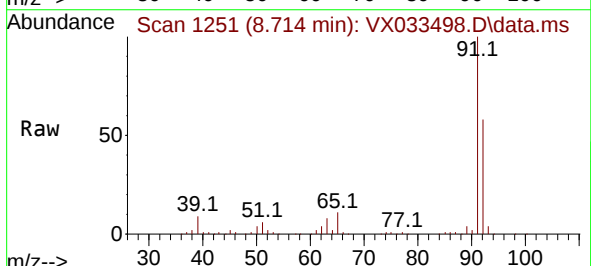
Acq: 20 Dec 2022 11:03

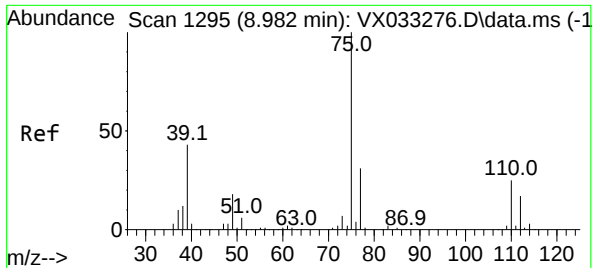
Tgt Ion: 92 Resp: 179965

Ion Ratio Lower Upper

92 100

91 172.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.453 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 10414

Ion Ratio Lower Upper

75 100

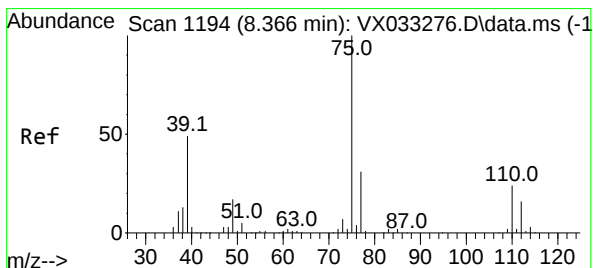
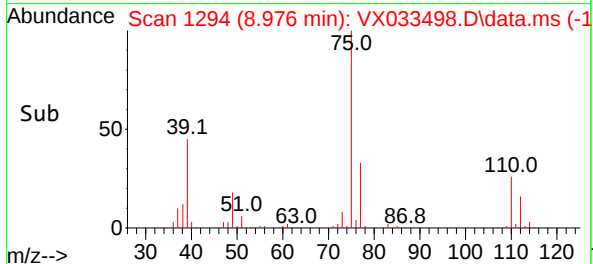
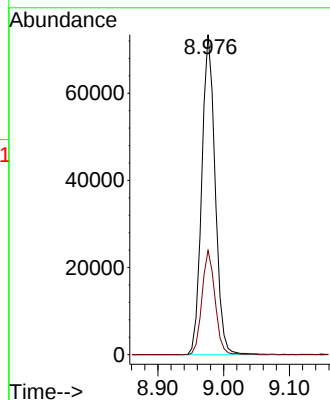
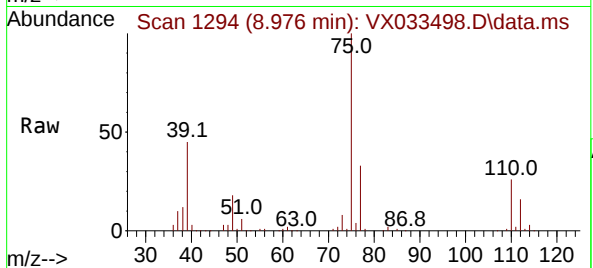
77 32.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#54

cis-1,3-Dichloropropene

Concen: 56.792 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

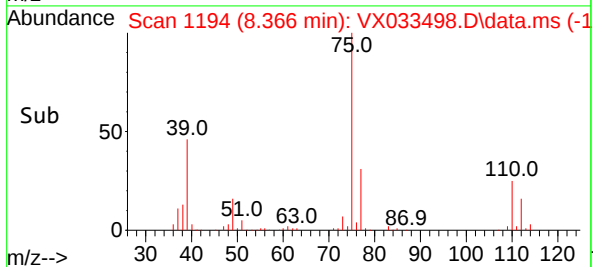
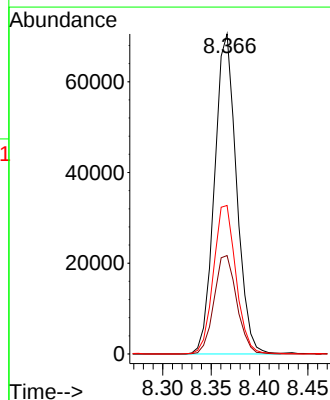
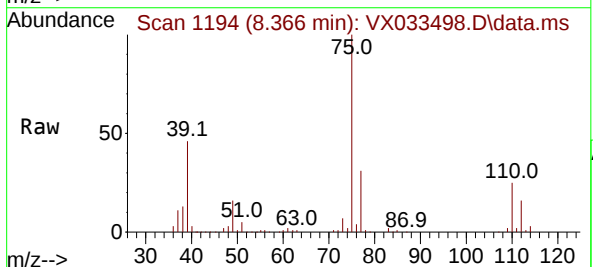
Tgt Ion: 75 Resp: 111417

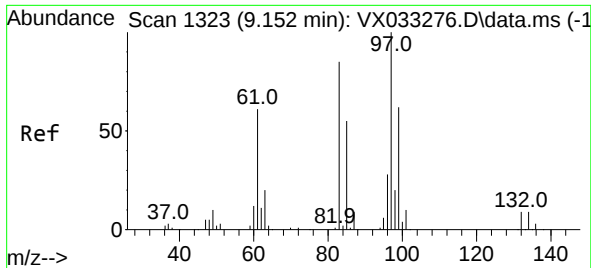
Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7

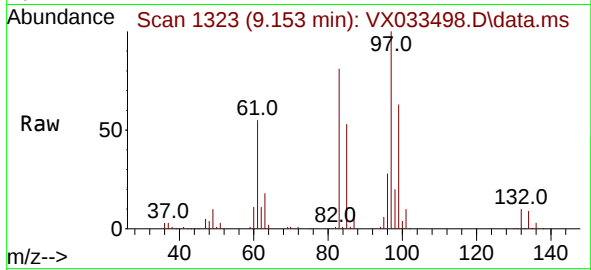
39 46.4 45.5 68.3





#55
 1,1,2-Trichloroethane
 Concen: 56.279 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

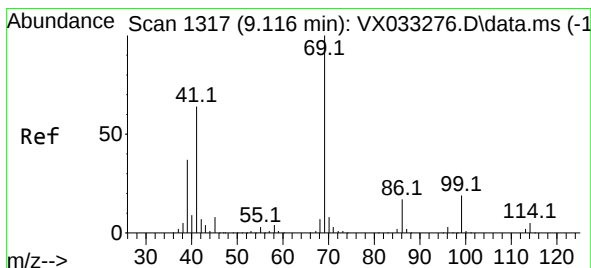
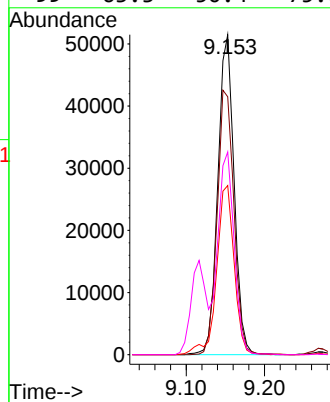
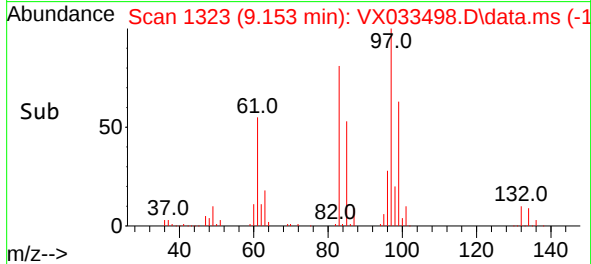


Tgt Ion: 97 Resp: 7425

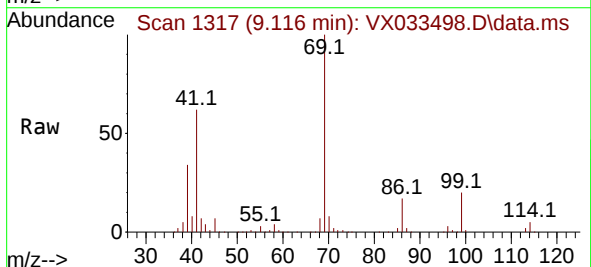
Ion	Ratio	Lower	Upper
97	100		
83	80.6	68.1	102.1
85	52.7	43.3	64.9
99	63.3	50.4	75.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

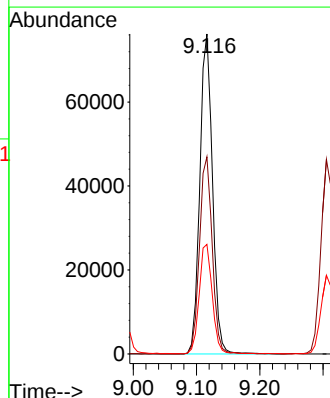
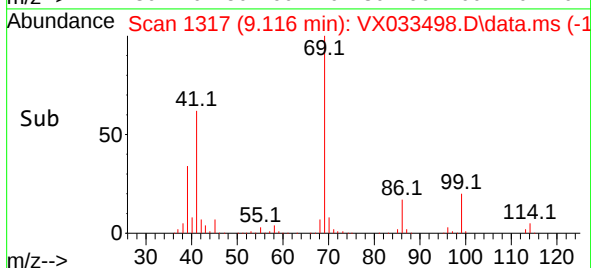


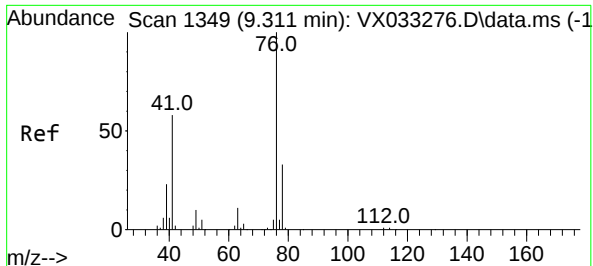
#56
 Ethyl methacrylate
 Concen: 57.169 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03



Tgt Ion: 69 Resp: 106201

Ion	Ratio	Lower	Upper
69	100		
41	62.3	54.3	81.5
39	35.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 56.702 ug/l

RT: 9.305 min Scan# 1118

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12018

Ion Ratio Lower Upper

76 100

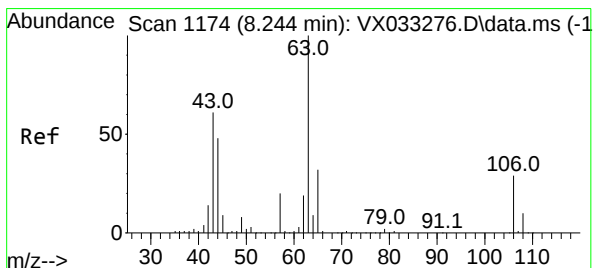
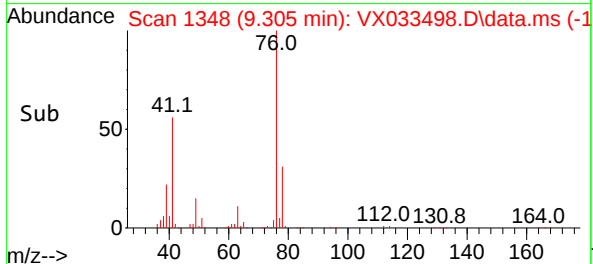
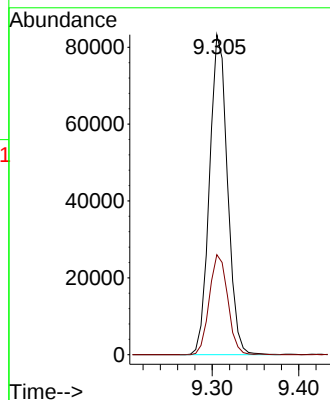
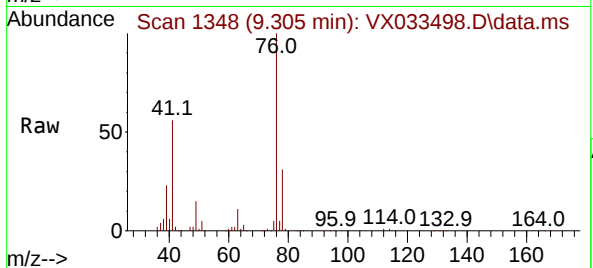
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 274.843 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033498.D

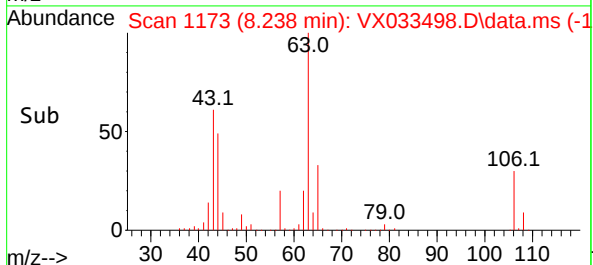
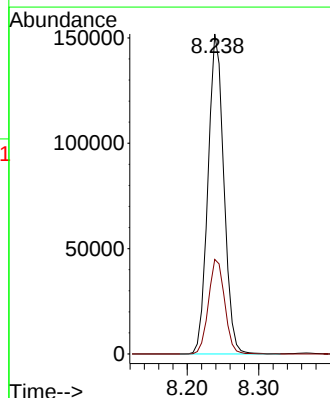
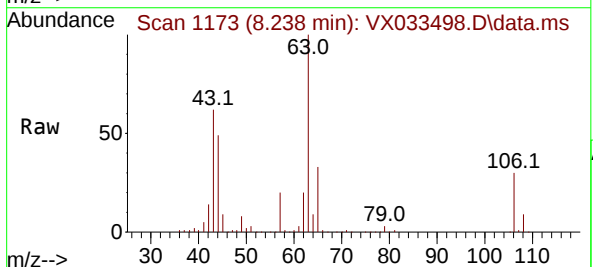
Acq: 20 Dec 2022 11:03

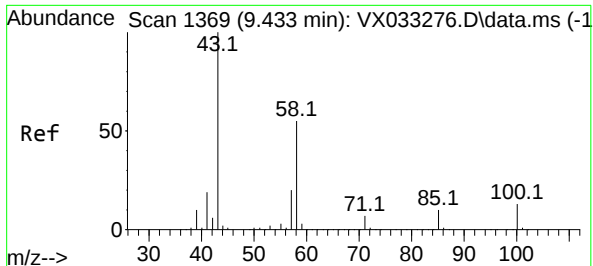
Tgt Ion: 63 Resp: 233617

Ion Ratio Lower Upper

63 100

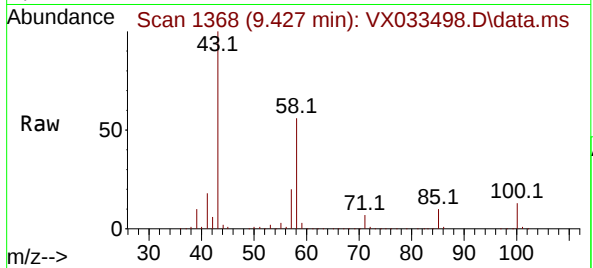
106 30.1 23.3 34.9





#59
2-Hexanone
Concen: 268.946 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

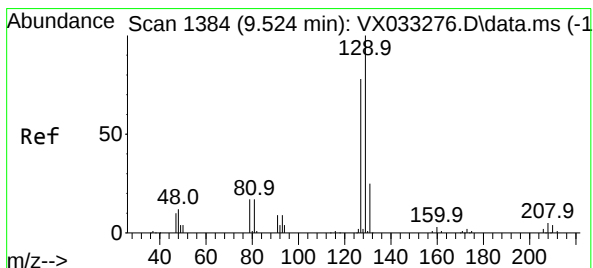
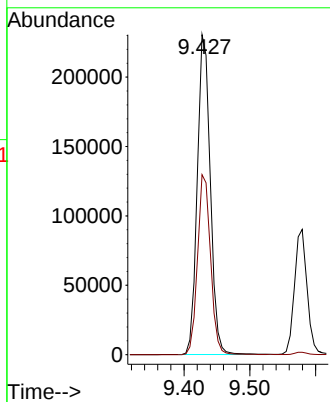
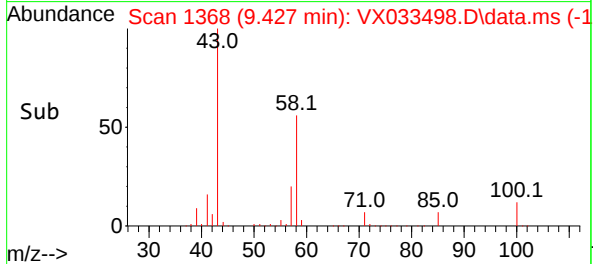
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 31740
Ion Ratio Lower Upper
43 100
58 56.2 26.5 79.5

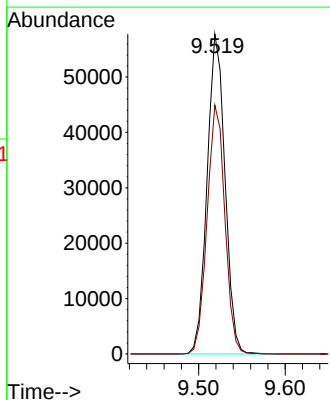
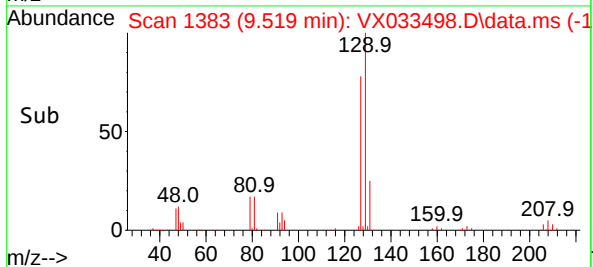
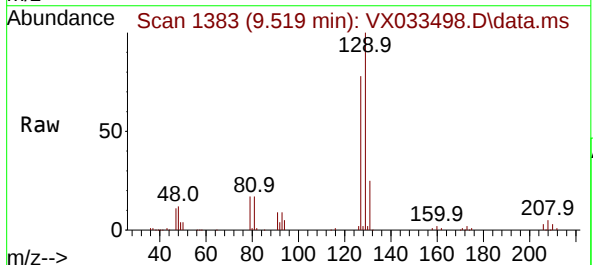
Manual Integrations
APPROVED

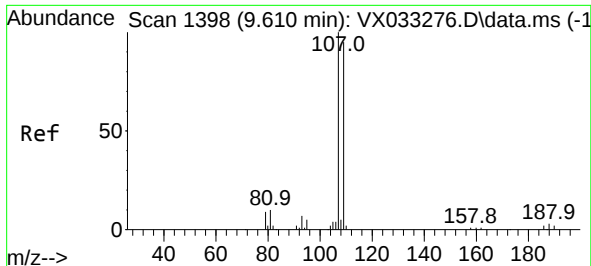
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
Dibromochloromethane
Concen: 56.926 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

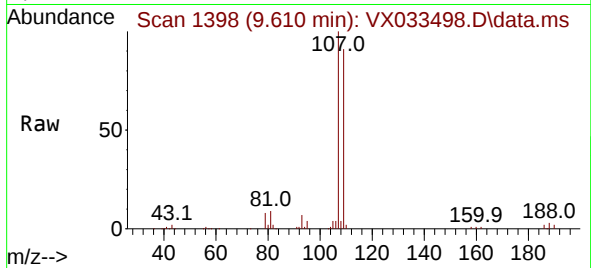
Tgt Ion:129 Resp: 82753
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 56.771 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

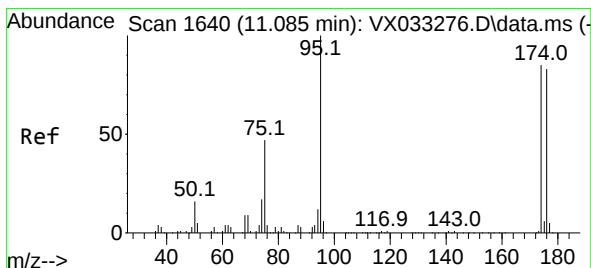
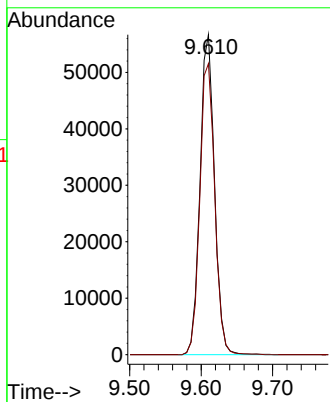
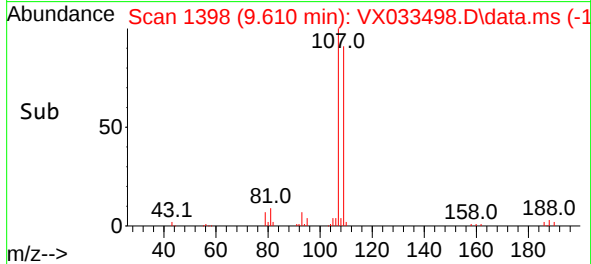
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



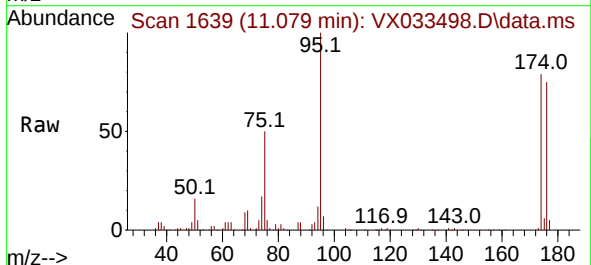
Tgt Ion:107 Resp: 79674
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0

Manual Integrations
APPROVED

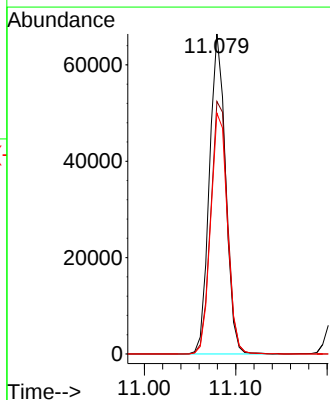
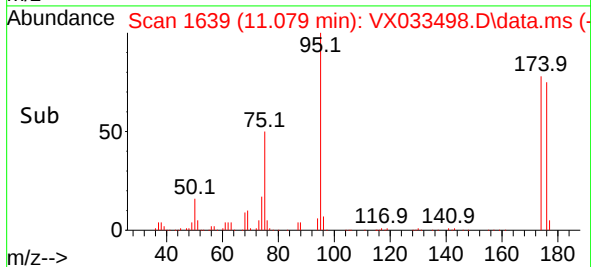
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

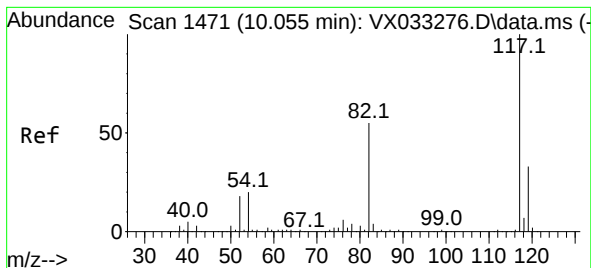


#62
4-Bromofluorobenzene
Concen: 59.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03



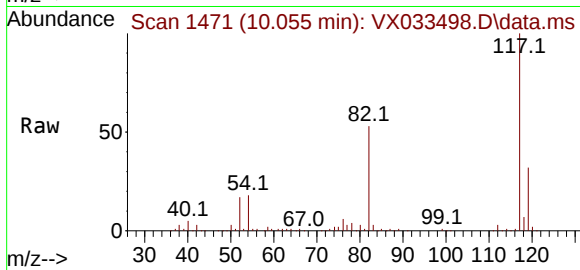
Tgt Ion: 95 Resp: 81396
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 78.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

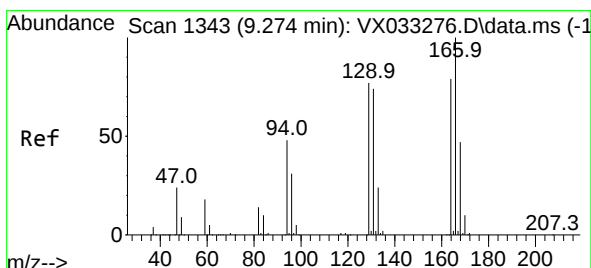
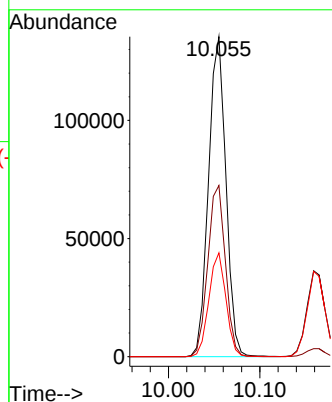
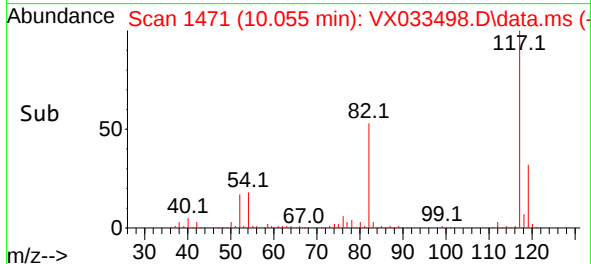
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 17857
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 32.5 25.7 38.5

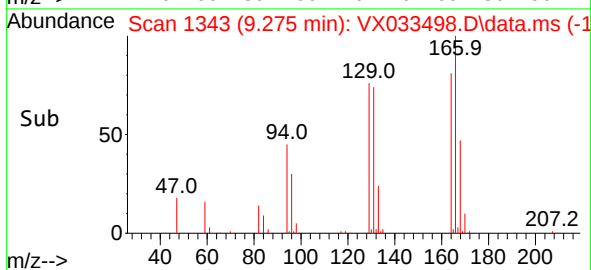
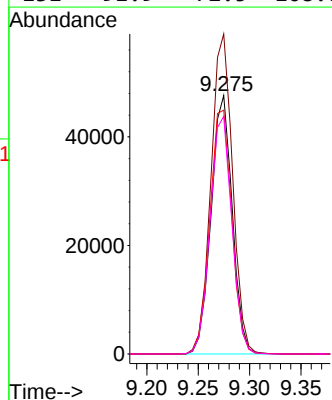
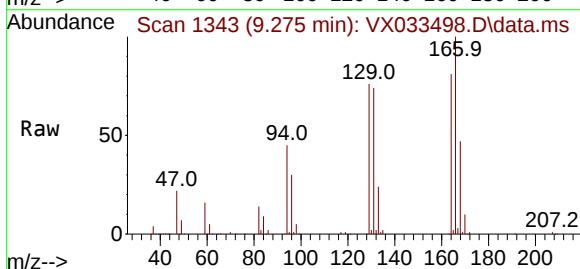
Manual Integrations
APPROVED

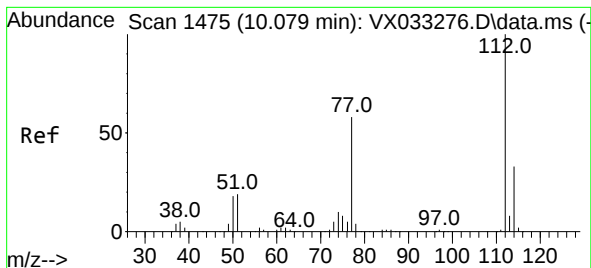
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
Tetrachloroethene
Concen: 55.657 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:164 Resp: 67960
Ion Ratio Lower Upper
164 100
166 123.8 105.4 158.2
129 94.3 78.2 117.2
131 91.9 72.5 108.7





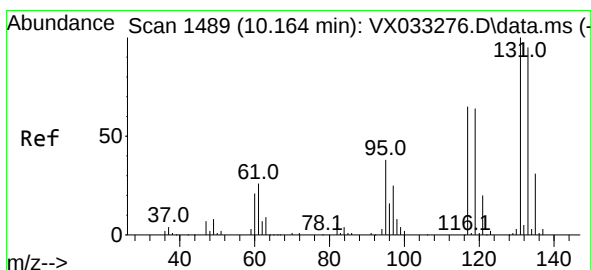
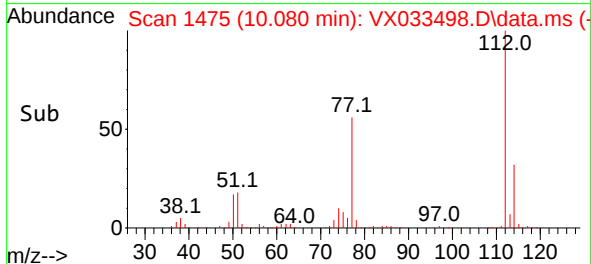
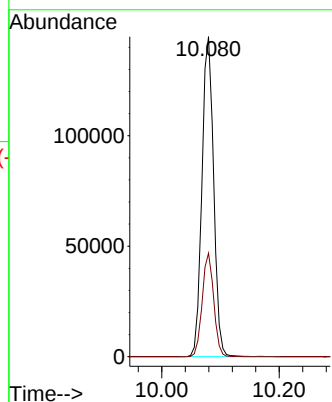
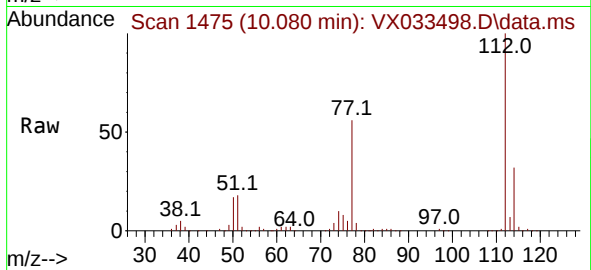
#65
Chlorobenzene
Concen: 55.376 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 200244
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

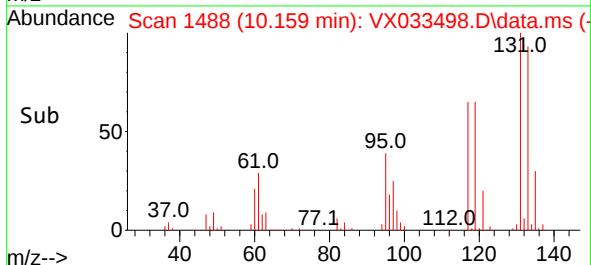
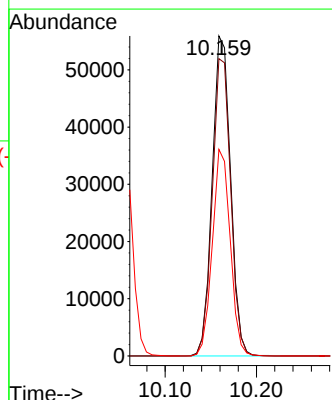
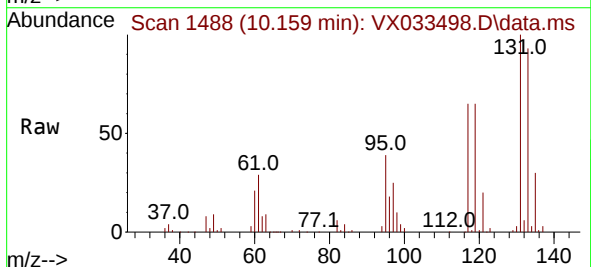
Manual Integrations
APPROVED

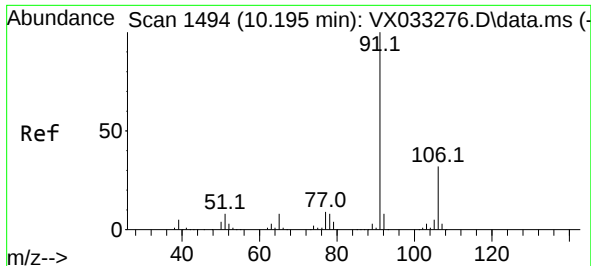
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.994 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:131 Resp: 77884
Ion Ratio Lower Upper
131 100
133 93.2 47.6 142.9
119 63.0 32.4 97.0





#67

Ethyl Benzene

Concen: 56.516 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 356034

Ion Ratio Lower Upper

91 100

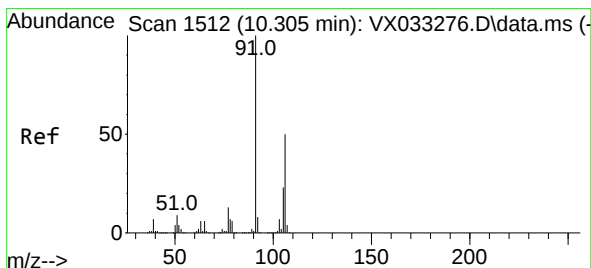
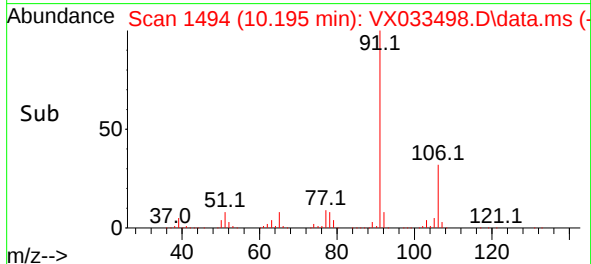
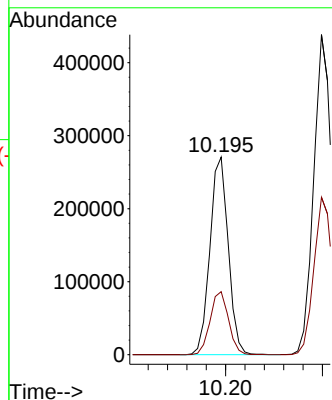
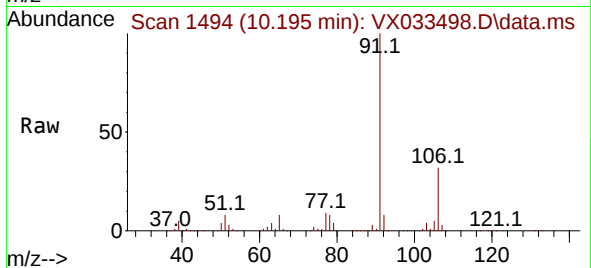
106 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#68

m/p-Xylenes

Concen: 117.100 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX033498.D

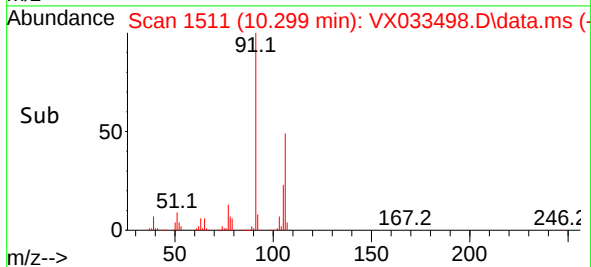
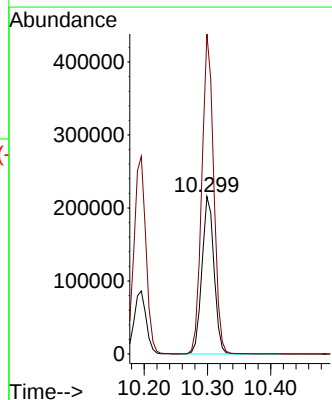
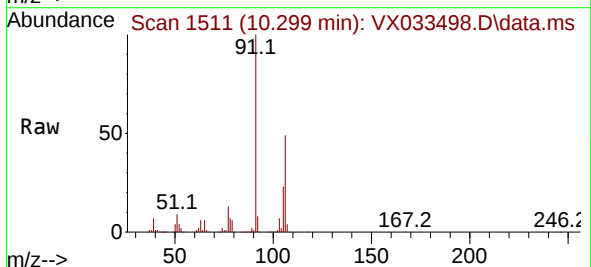
Acq: 20 Dec 2022 11:03

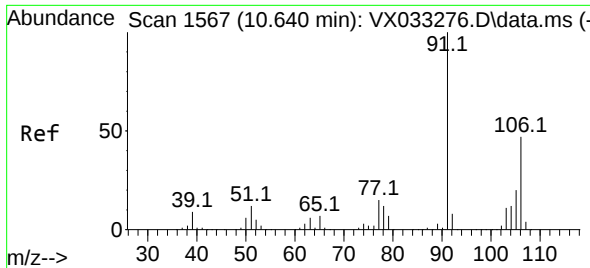
Tgt Ion:106 Resp: 287017

Ion Ratio Lower Upper

106 100

91 199.7 164.5 246.7





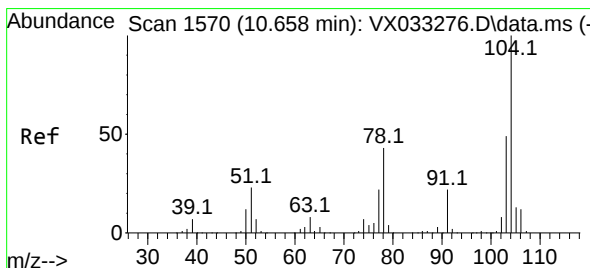
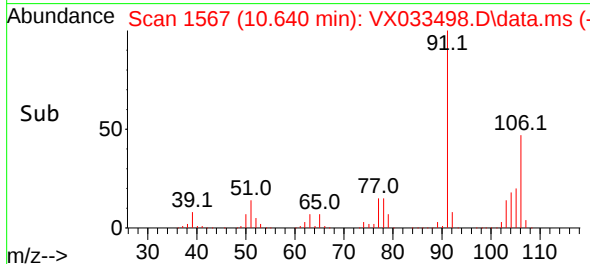
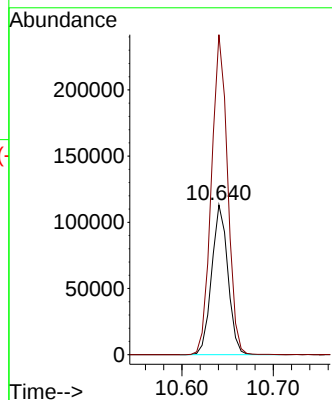
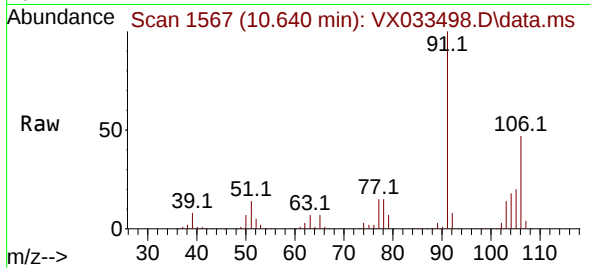
#69
o-Xylene
Concen: 57.331 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 138895
Ion Ratio Lower Upper
106 100
91 213.3 109.2 327.6

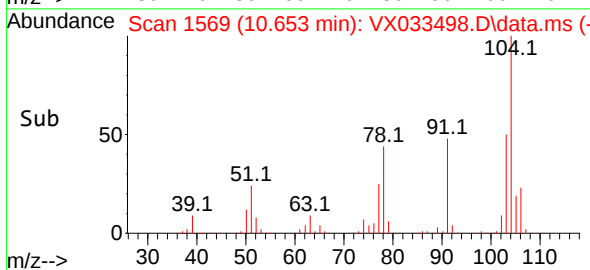
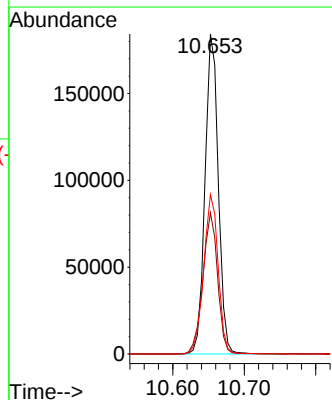
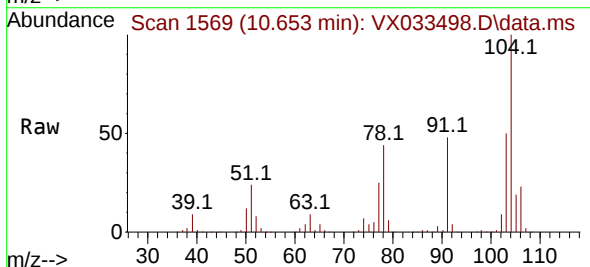
Manual Integrations
APPROVED

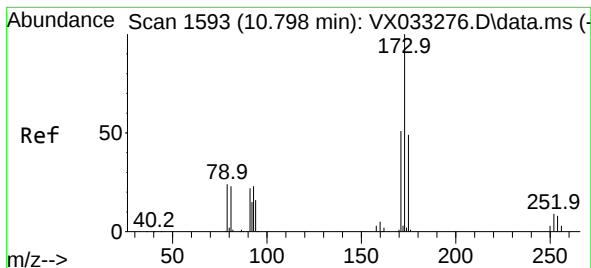
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 59.956 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:104 Resp: 237895
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 54.4 44.5 66.7





#71

Bromoform

Concen: 56.323 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

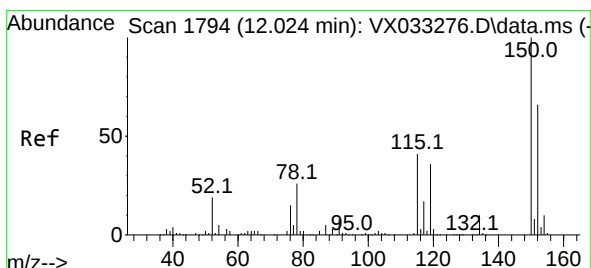
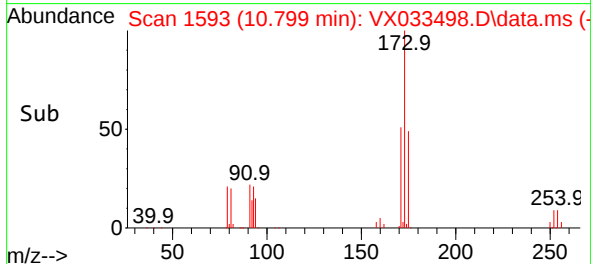
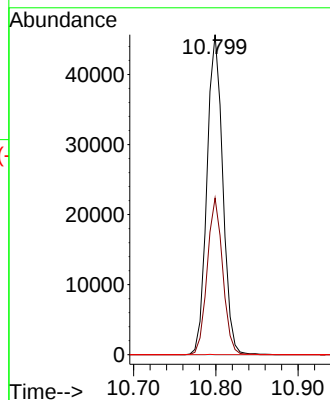
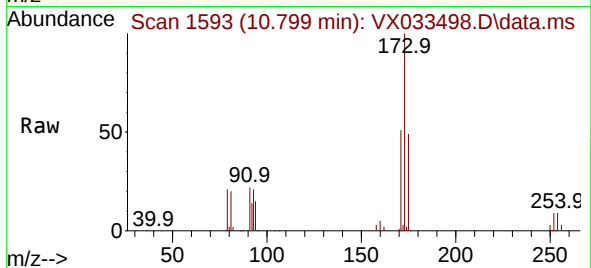
Tgt Ion:173 Resp: 60923
 Ion Ratio Lower Upper
 173 100
 175 48.0 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

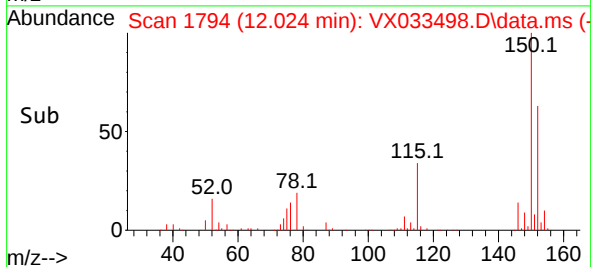
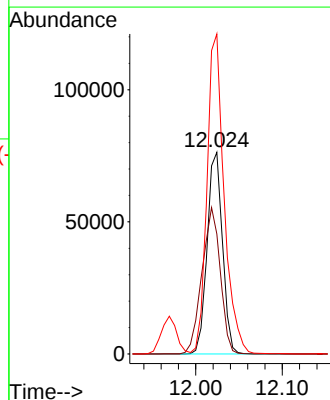
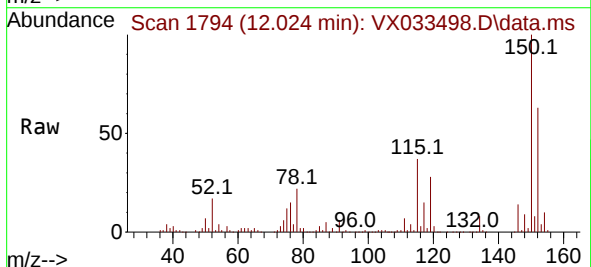
RT: 12.024 min Scan# 1794

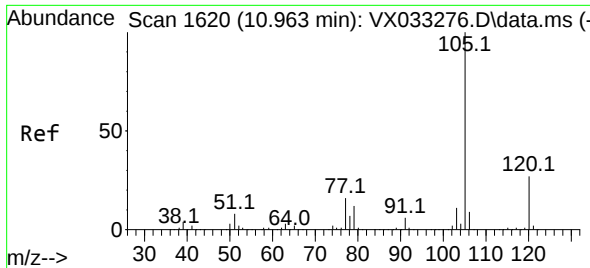
Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

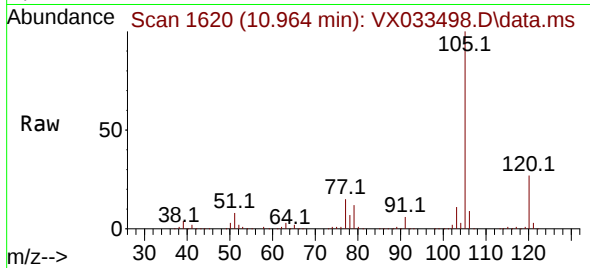
Tgt Ion:152 Resp: 93840
 Ion Ratio Lower Upper
 152 100
 115 86.6 44.0 132.0
 150 177.1 0.0 351.8





#73
Isopropylbenzene
Concen: 55.278 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

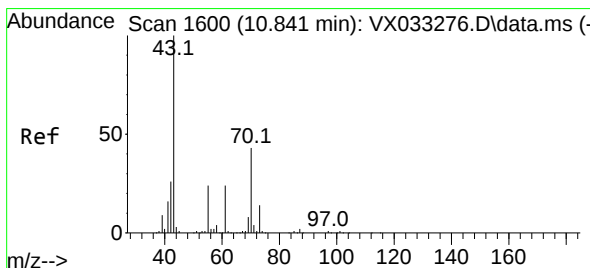
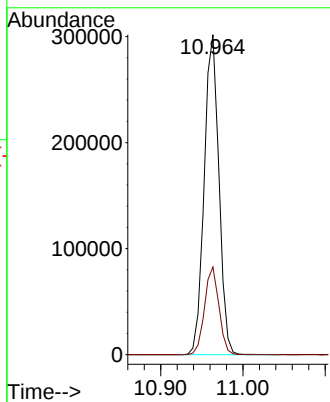
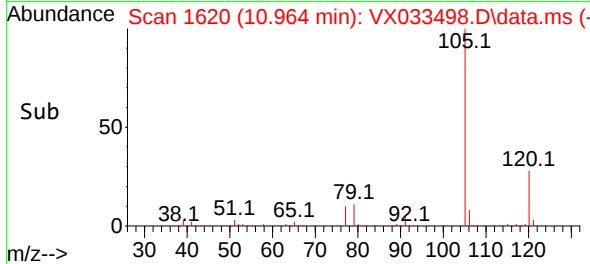
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



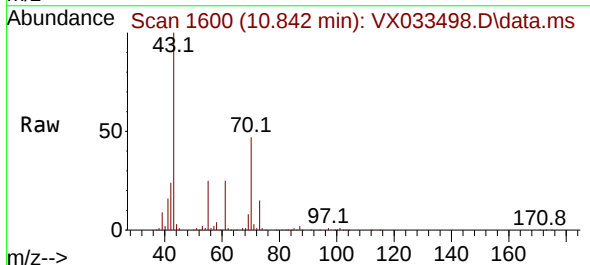
Tgt Ion:105 Resp: 375978
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

Manual Integrations
APPROVED

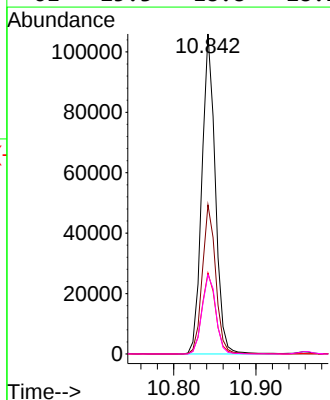
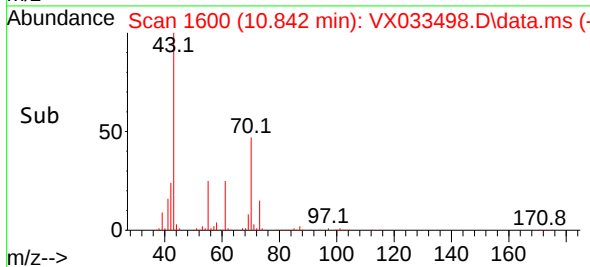
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

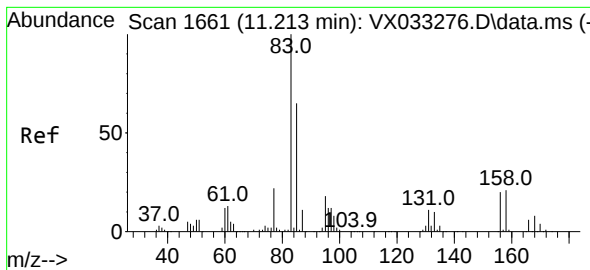


#74
N-ethyl acetate
Concen: 51.754 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03



Tgt Ion: 43 Resp: 120099
Ion Ratio Lower Upper
43 100
70 46.5 33.6 50.4
55 25.8 19.4 29.2
61 25.3 18.8 28.2





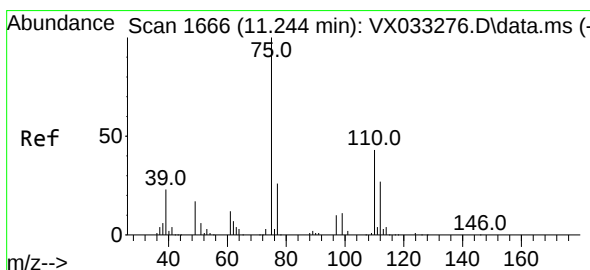
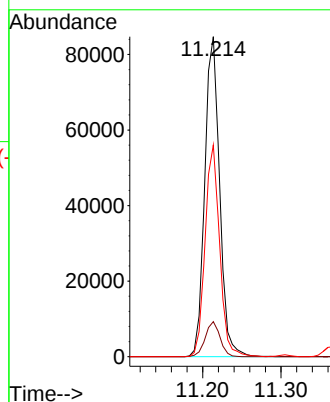
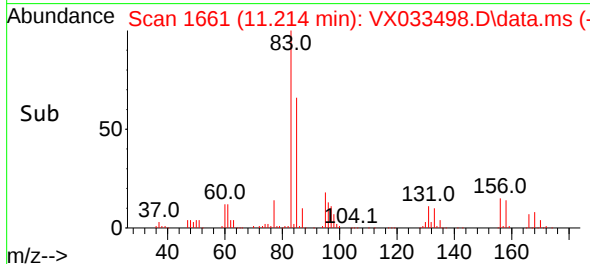
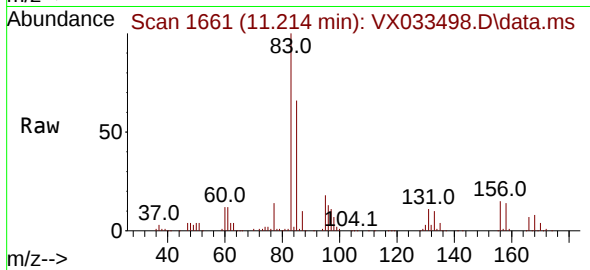
#75
1,1,2,2-Tetrachloroethane
Concen: 51.683 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 111520
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.9 31.9 95.9

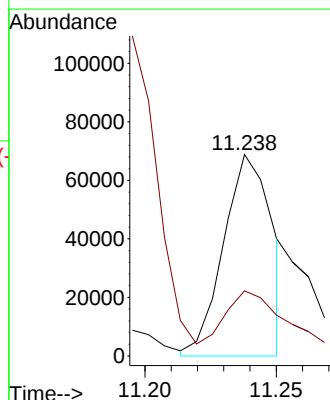
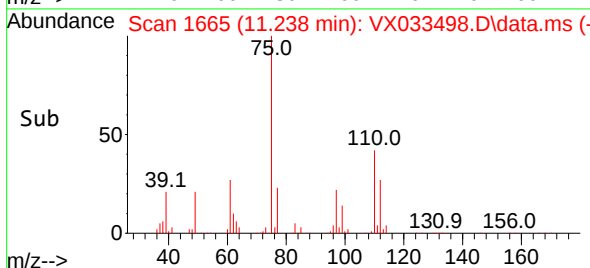
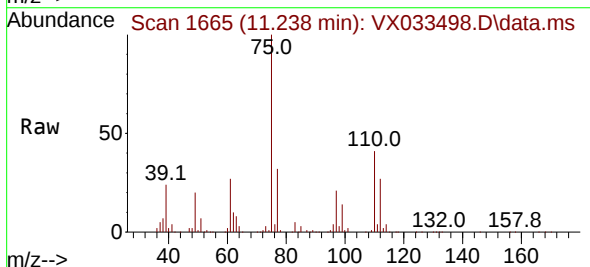
Manual Integrations
APPROVED

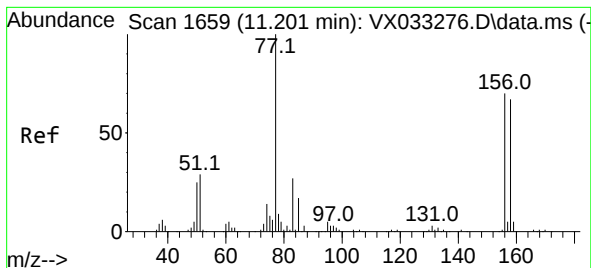
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#76
1,2,3-Trichloropropane
Concen: 46.237 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion: 75 Resp: 88275
Ion Ratio Lower Upper
75 100
77 43.5 20.0 60.0





#77

Bromobenzene

Concen: 53.732 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

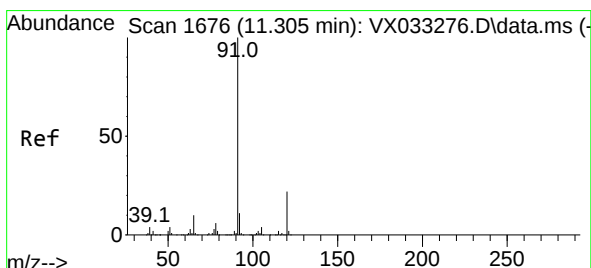
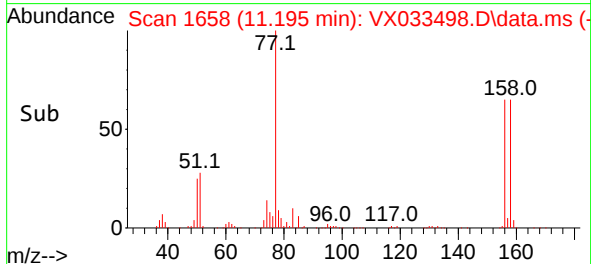
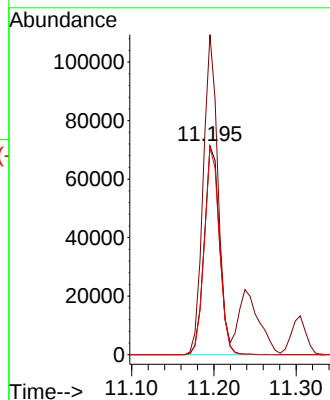
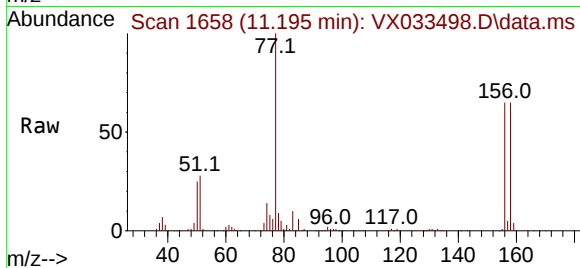
Tgt Ion:	156	Resp:	92280
Ion Ratio	Lower	Upper	
156	100		
77	146.9	76.1	228.4
158	97.7	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#78

n-propylbenzene

Concen: 56.082 ug/l

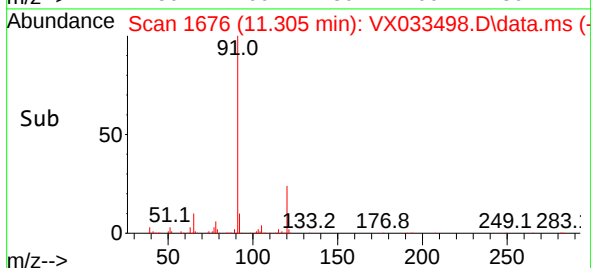
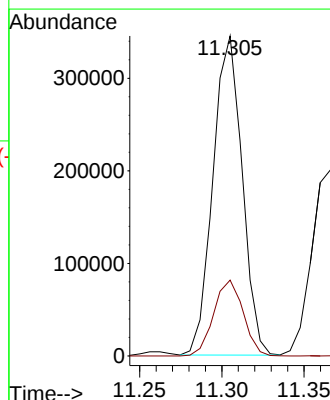
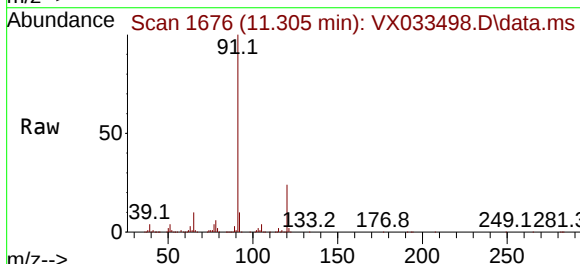
RT: 11.305 min Scan# 1676

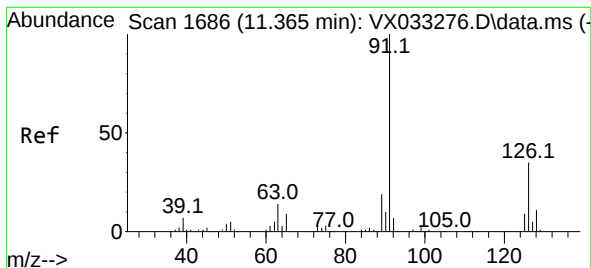
Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Tgt Ion:	91	Resp:	425921
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.6	34.8





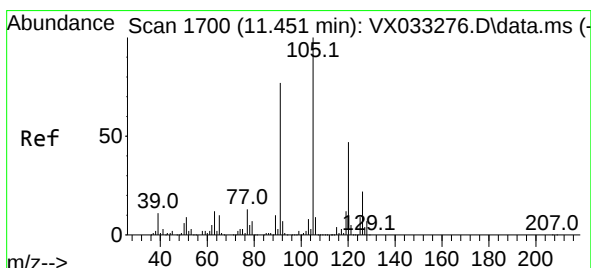
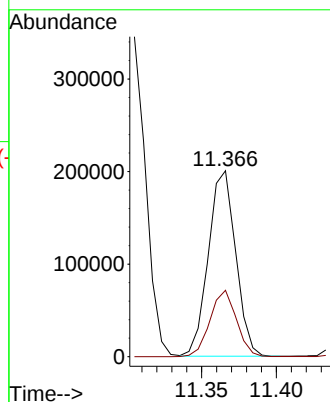
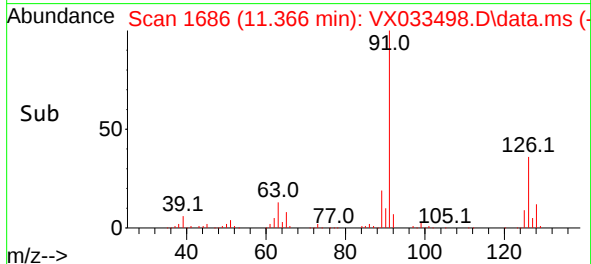
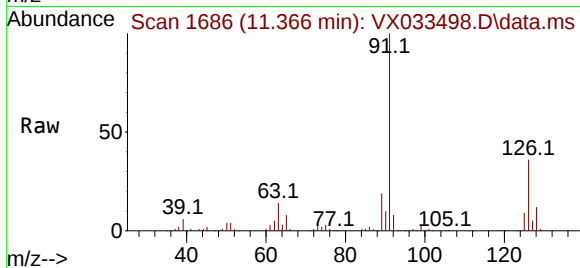
#79
2-Chlorotoluene
Concen: 54.424 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25544
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2

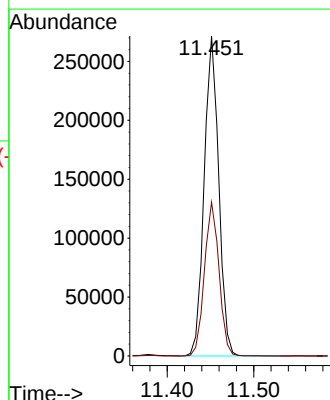
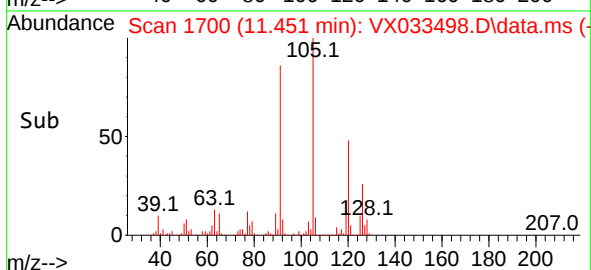
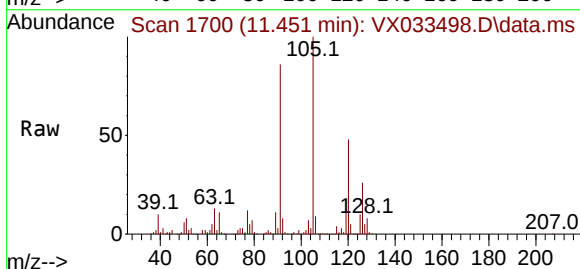
Manual Integrations
APPROVED

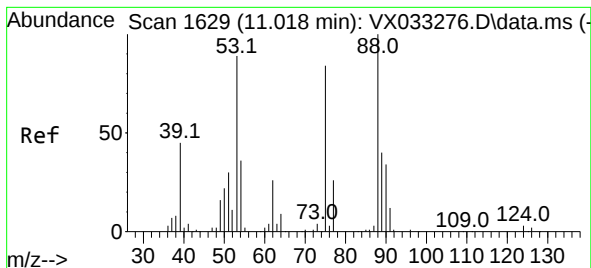
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.878 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Tgt Ion:105 Resp: 316366
Ion Ratio Lower Upper
105 100
120 48.3 23.6 71.0





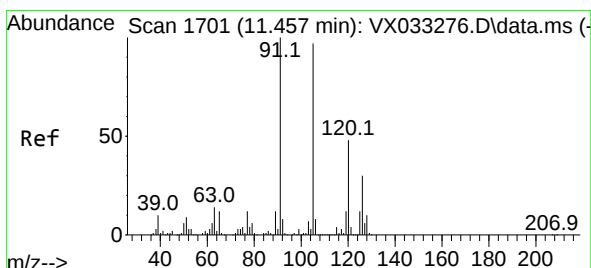
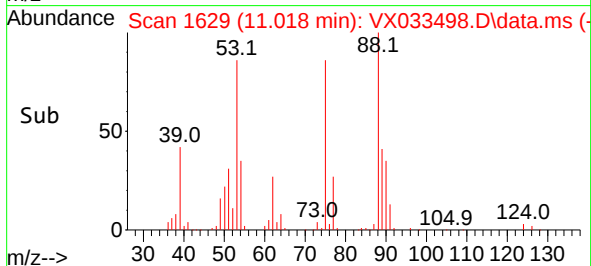
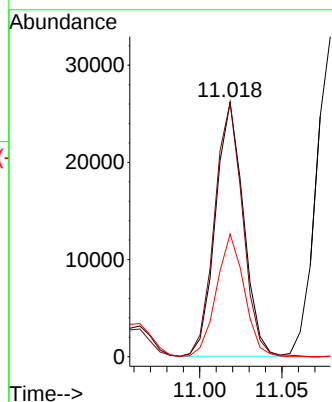
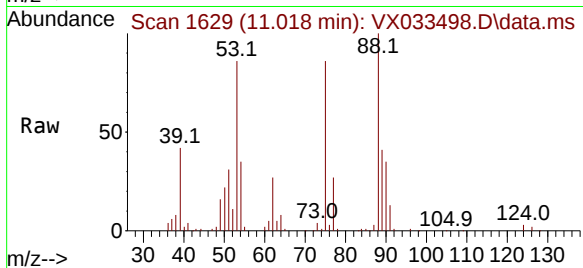
#81
trans-1,4-Dichloro-2-butene
Concen: 50.401 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 30934
Ion Ratio Lower Upper
75 100
53 101.0 86.9 130.3
89 48.0 38.3 57.5

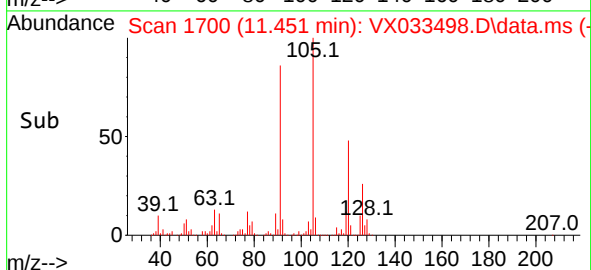
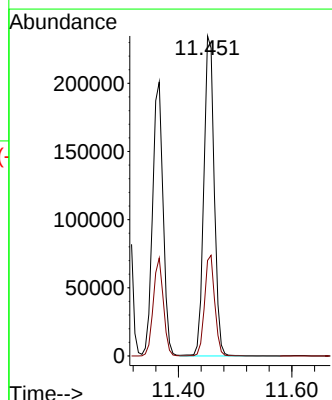
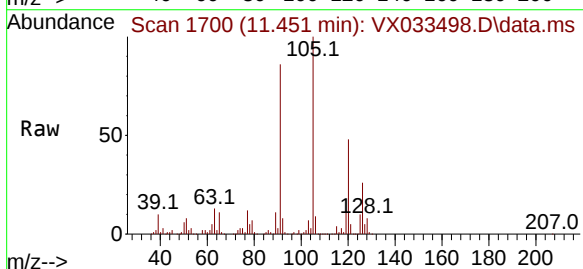
Manual Integrations
APPROVED

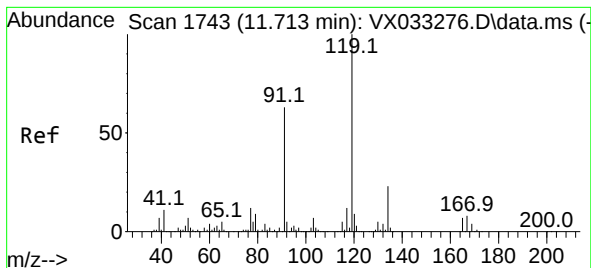
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 54.461 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

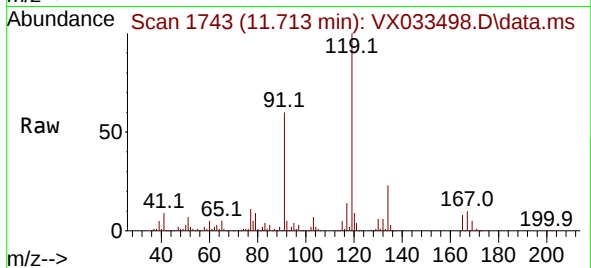
Tgt Ion: 91 Resp: 297226
Ion Ratio Lower Upper
91 100
126 30.9 14.8 44.4





#83
tert-Butylbenzene
Concen: 54.986 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

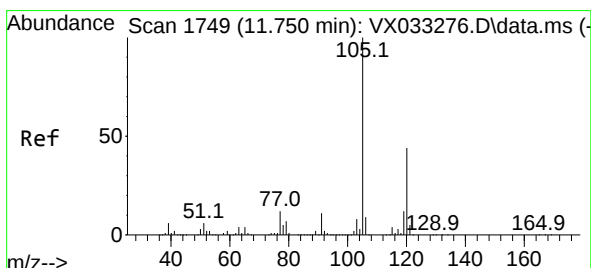
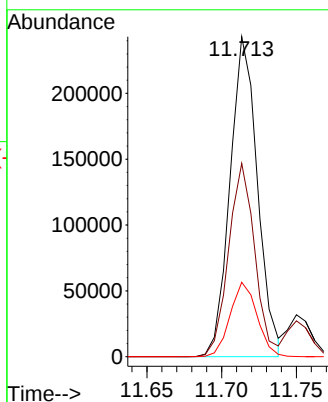
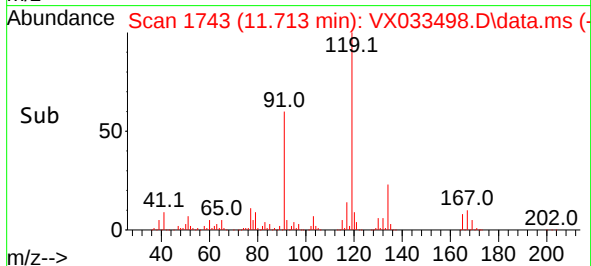
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



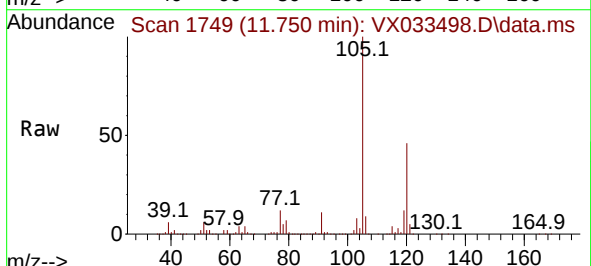
Tgt Ion:119 Resp: 310439
Ion Ratio Lower Upper
119 100
91 57.8 29.4 88.2
134 22.8 11.0 33.0

Manual Integrations
APPROVED

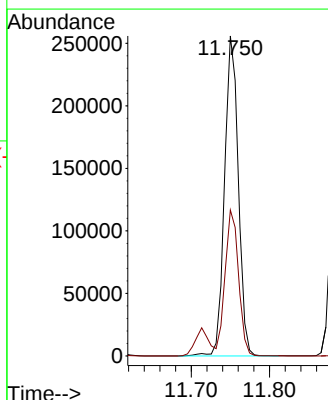
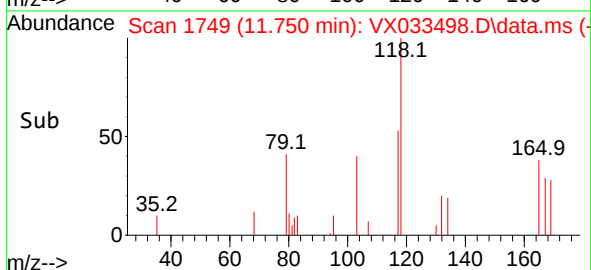
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

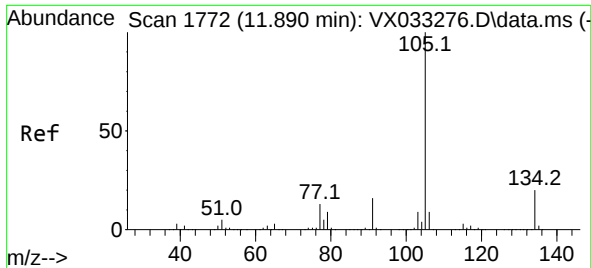


#84
1,2,4-Trimethylbenzene
Concen: 55.336 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03



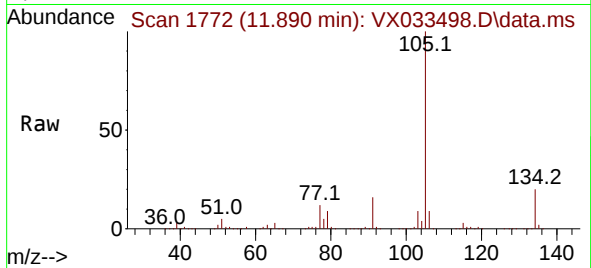
Tgt Ion:105 Resp: 312734
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 57.491 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03

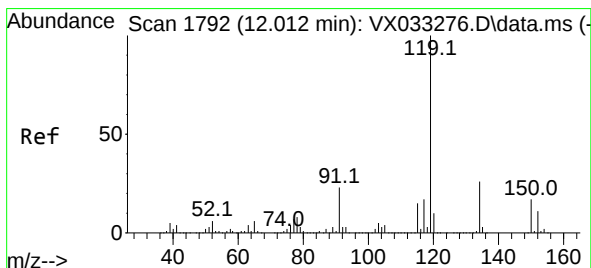
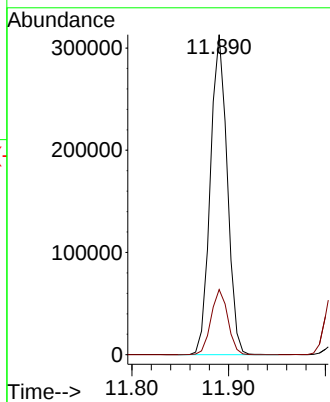
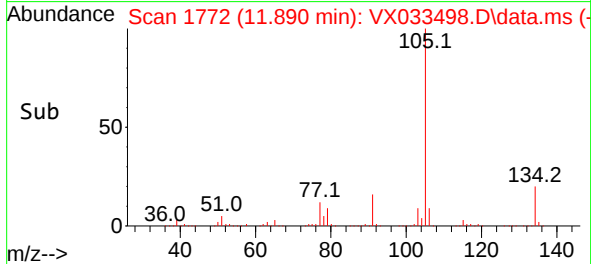
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



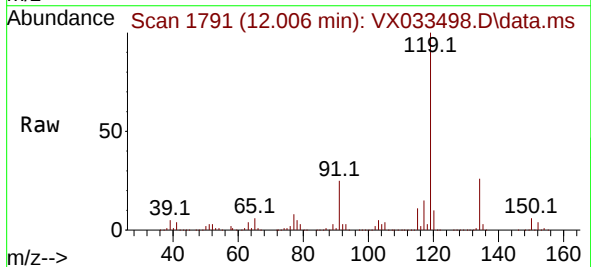
Tgt Ion:105 Resp: 37870
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

Manual Integrations
 APPROVED

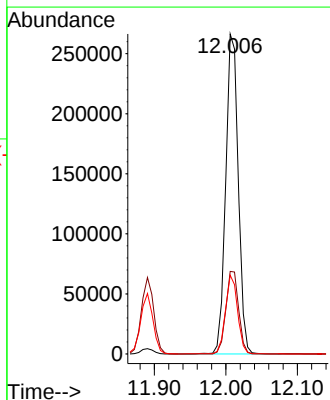
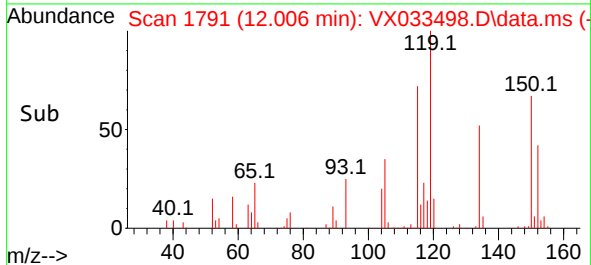
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#86
 p-Isopropyltoluene
 Concen: 57.154 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033498.D
 Acq: 20 Dec 2022 11:03



Tgt Ion:119 Resp: 324582
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.9 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 55.212 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 171778

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

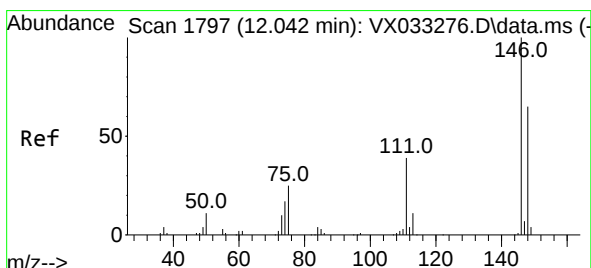
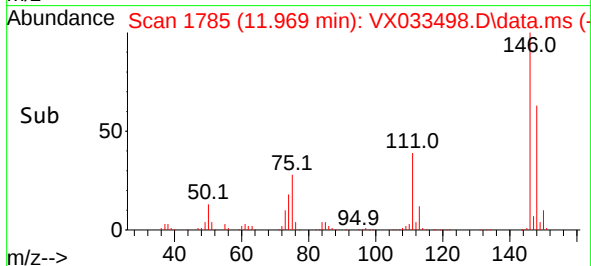
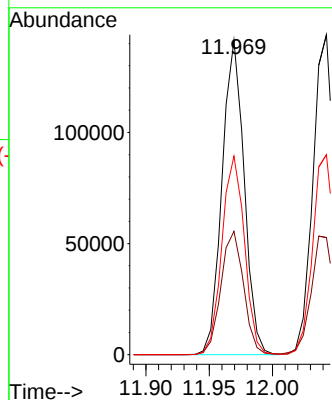
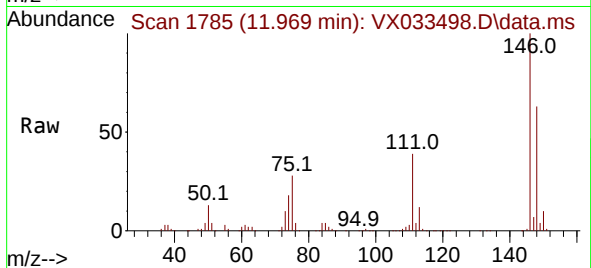
148 64.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 55.077 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

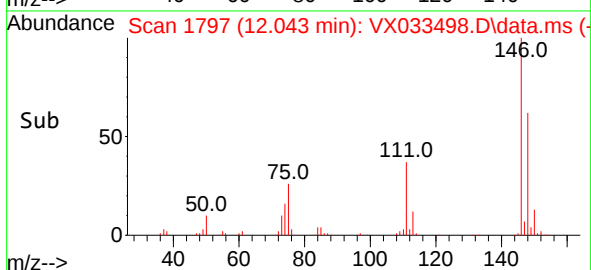
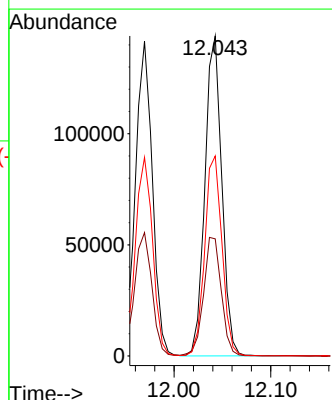
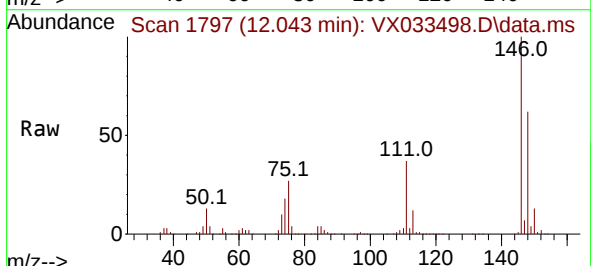
Tgt Ion:146 Resp: 175031

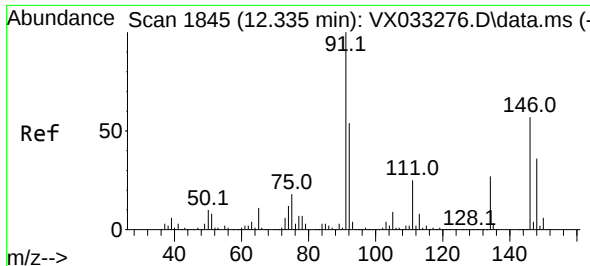
Ion Ratio Lower Upper

146 100

111 39.2 20.5 61.6

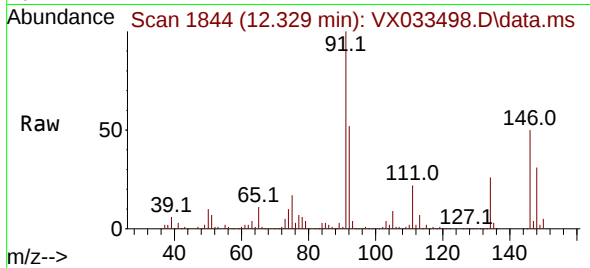
148 64.2 32.2 96.6





#89
n-Butylbenzene
Concen: 58.712 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

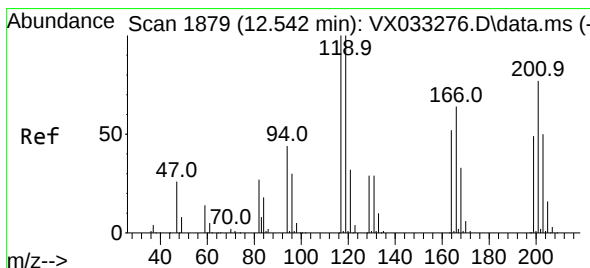
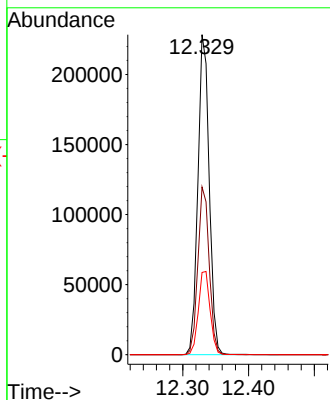
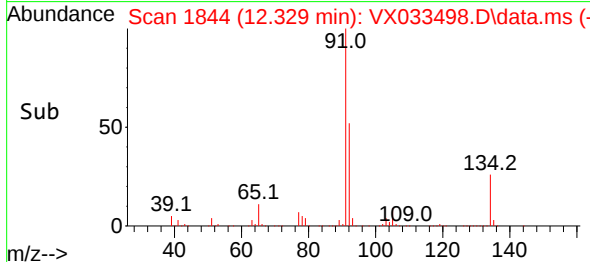
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 27309
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 27.0 12.9 38.6

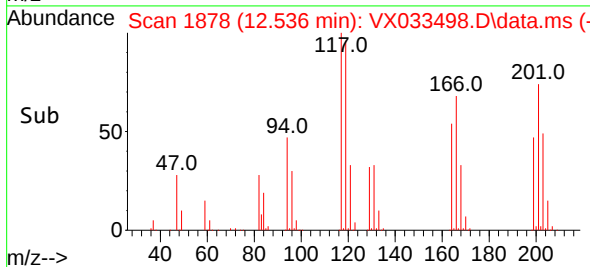
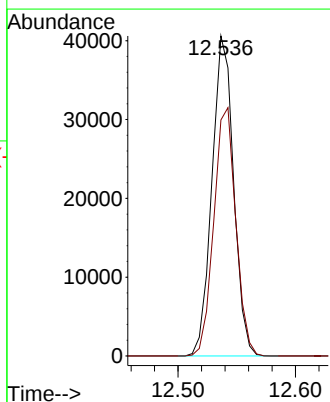
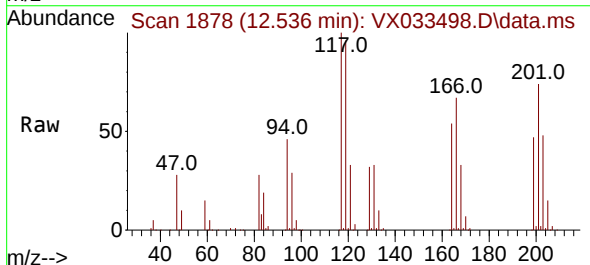
Manual Integrations
APPROVED

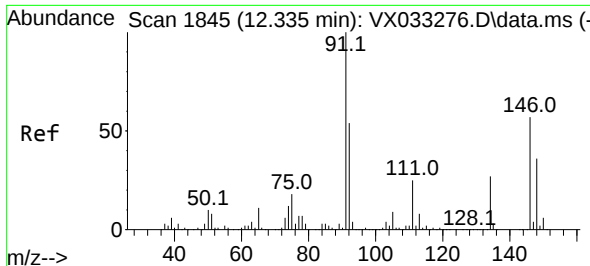
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 53.848 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

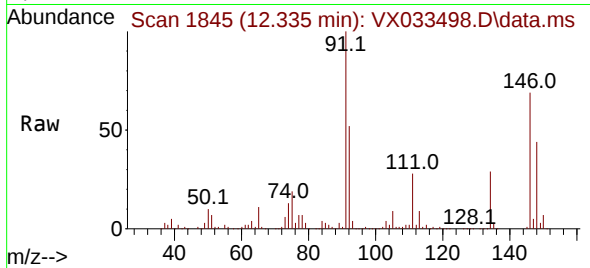
Tgt Ion:117 Resp: 51981
Ion Ratio Lower Upper
117 100
201 78.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 54.712 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

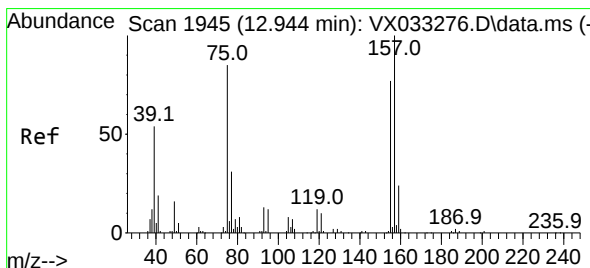
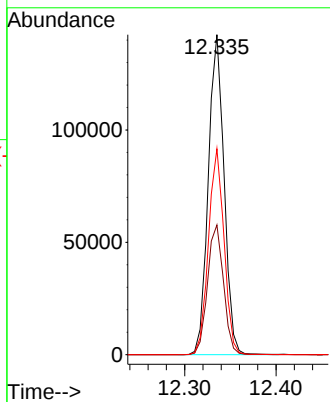
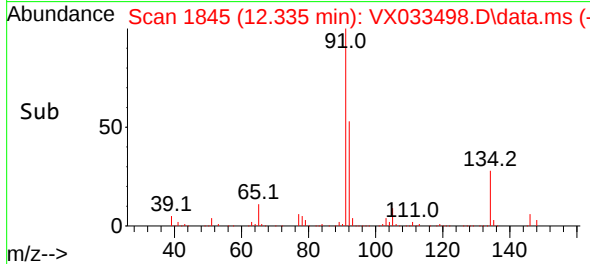
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



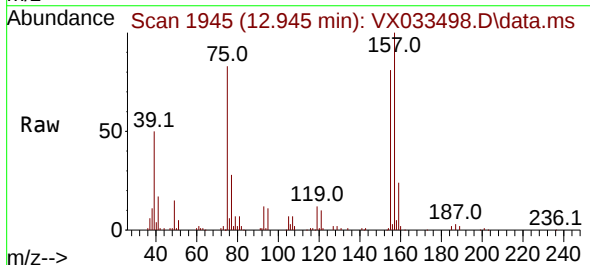
Tgt Ion:146 Resp: 17018
Ion Ratio Lower Upper
146 100
111 41.2 21.5 64.5
148 63.6 32.0 96.2

Manual Integrations
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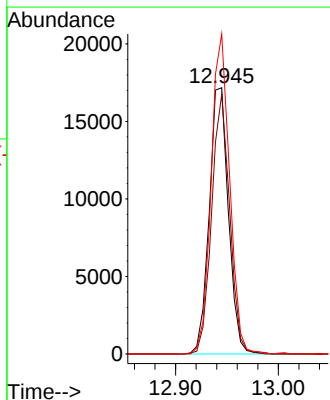
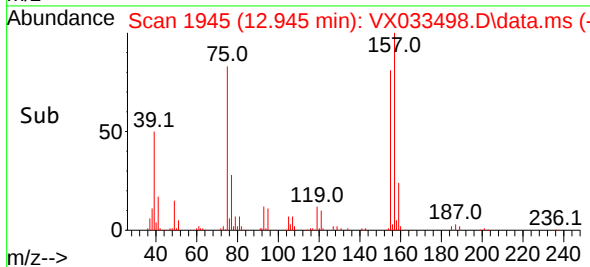
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

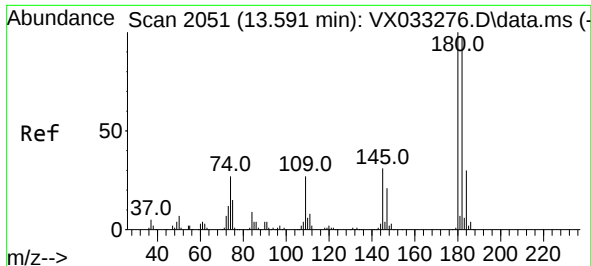


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.706 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03



Tgt Ion: 75 Resp: 22235
Ion Ratio Lower Upper
75 100
155 91.6 41.6 124.8
157 115.6 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 55.826 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 104874

Ion Ratio Lower Upper

180 100

182 94.8 48.4 145.0

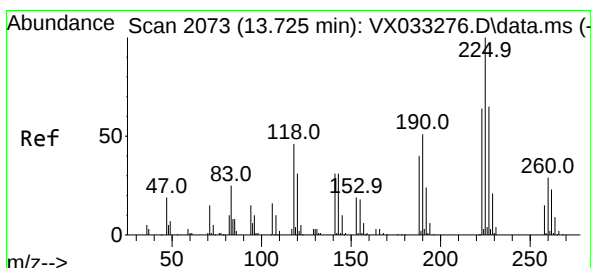
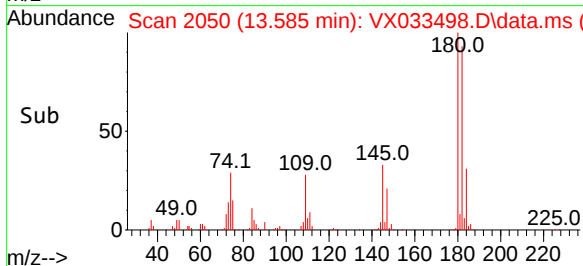
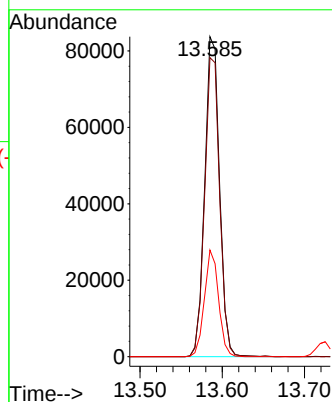
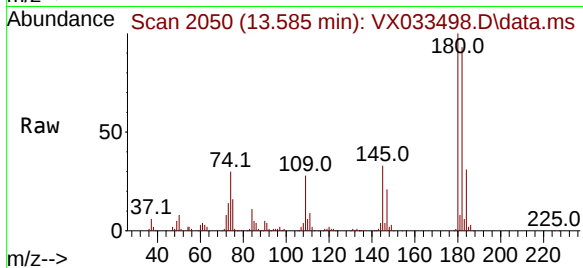
145 31.8 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#94

Hexachlorobutadiene

Concen: 57.952 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033498.D

Acq: 20 Dec 2022 11:03

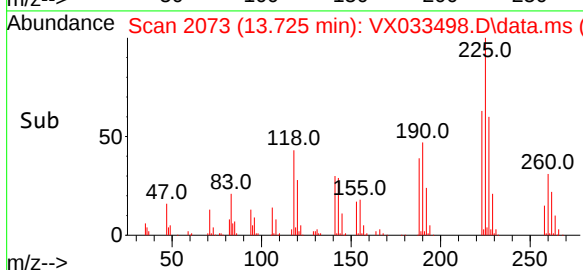
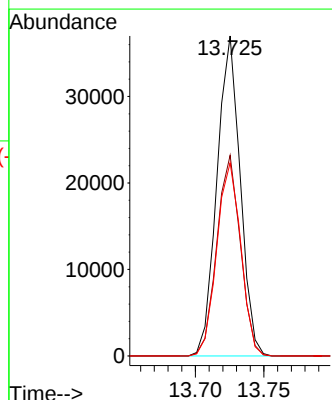
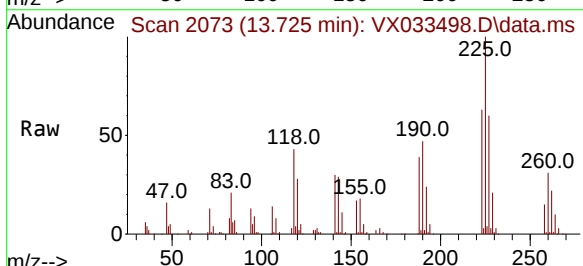
Tgt Ion:225 Resp: 43595

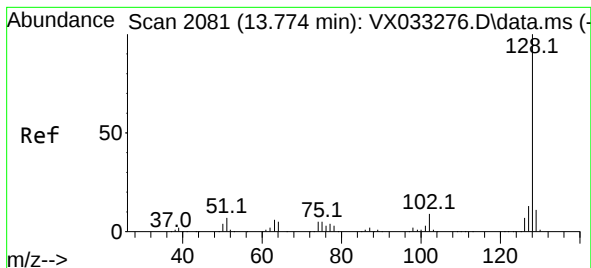
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

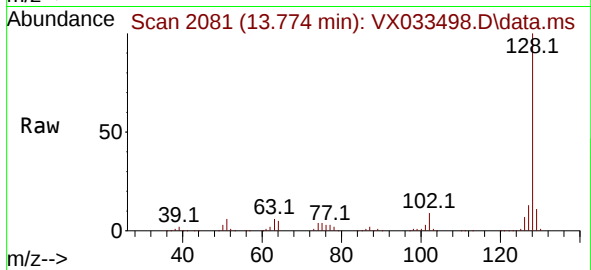
227 62.3 31.9 95.5





#95
Naphthalene
Concen: 54.534 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03

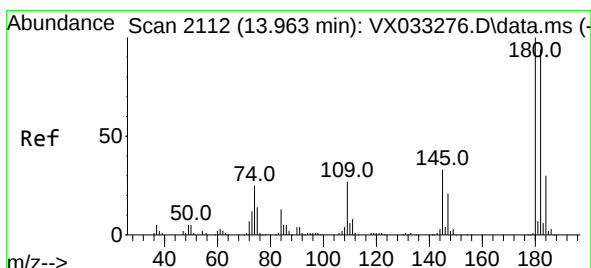
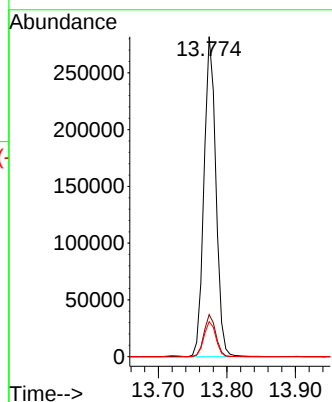
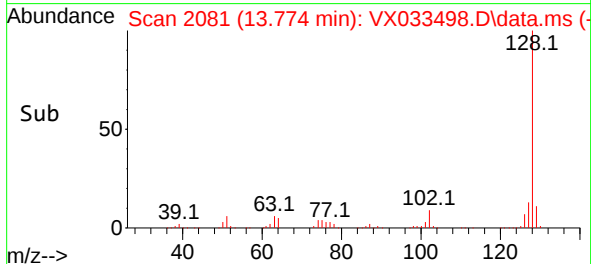
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



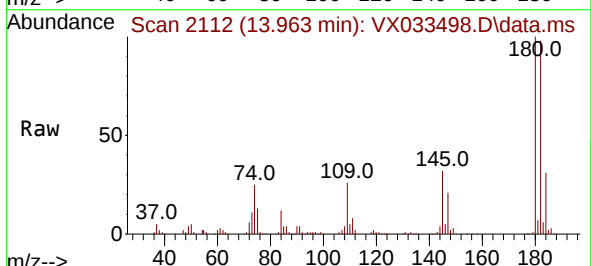
Tgt Ion:128 Resp: 341730
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.922 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033498.D
Acq: 20 Dec 2022 11:03



Tgt Ion:180 Resp: 104495
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.6
145 32.9 16.9 50.6

