

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034278.D
 Acq On : 27 Feb 2023 16:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 04:09:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	295982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	483209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	441083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	182453	45.771	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.540%		
35) Dibromofluoromethane	5.379	113	157452	50.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.100%		
50) Toluene-d8	8.647	98	588920	52.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.280%		
62) 4-Bromofluorobenzene	11.079	95	238917	55.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	126580	49.492	ug/l	98
3) Chloromethane	1.295	50	173736	47.204	ug/l	99
4) Vinyl Chloride	1.374	62	181002	54.000	ug/l	98
5) Bromomethane	1.599	94	78763	63.807	ug/l	99
6) Chloroethane	1.679	64	103096	61.181	ug/l	99
7) Trichlorofluoromethane	1.886	101	277585	61.213	ug/l	99
8) Diethyl Ether	2.130	74	102769	56.252	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	153663	48.116	ug/l	96
10) Methyl Iodide	2.447	142	180539	46.430	ug/l	94
11) Tert butyl alcohol	2.953	59	191643	214.952	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	148624	46.425	ug/l	91
13) Acrolein	2.233	56	104466	256.686	ug/l	99
14) Allyl chloride	2.660	41	295435	43.505	ug/l	89
15) Acrylonitrile	3.056	53	462384	237.734	ug/l	99
16) Acetone	2.374	43	414477	201.568	ug/l	95
17) Carbon Disulfide	2.508	76	370027	40.202	ug/l	99
18) Methyl Acetate	2.697	43	311147	48.902	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	545214	48.254	ug/l	97
20) Methylene Chloride	2.788	84	169102	45.641	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	159845	47.650	ug/l	99
22) Diisopropyl ether	3.758	45	607670	51.042	ug/l	89
23) Vinyl Acetate	3.715	43	2353524	246.741	ug/l	100
24) 1,1-Dichloroethane	3.605	63	310543	47.514	ug/l	99
25) 2-Butanone	4.544	43	669935	225.170	ug/l	99
26) 2,2-Dichloropropane	4.471	77	270753	45.730	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	195805	49.291	ug/l	97
28) Bromochloromethane	4.891	49	127769	43.823	ug/l	89
29) Tetrahydrofuran	4.995	42	435354	239.861	ug/l	98
30) Chloroform	5.087	83	312327	49.766	ug/l	100
31) Cyclohexane	5.465	56	282012	47.386	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	273276	48.574	ug/l	99
36) 1,1-Dichloropropene	5.684	75	227209	48.832	ug/l	99
37) Ethyl Acetate	4.702	43	260739	50.142	ug/l	99
38) Carbon Tetrachloride	5.672	117	236502	49.396	ug/l	98
39) Methylcyclohexane	7.373	83	292717	48.886	ug/l	99
40) Benzene	6.032	78	700545	50.806	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	148312	51.191	ug/l	99
42) 1,2-Dichloroethane	6.080	62	241042	49.704	ug/l	100
43) Isopropyl Acetate	6.330	43	457453	49.852	ug/l	99
44) Trichloroethene	7.123	130	181936	51.417	ug/l	96
45) 1,2-Dichloropropane	7.428	63	187438	51.064	ug/l	98
46) Dibromomethane	7.574	93	123336	51.055	ug/l	88
47) Bromodichloromethane	7.818	83	247342	49.892	ug/l	98
48) Methyl methacrylate	7.690	41	214712	49.298	ug/l	98
49) 1,4-Dioxane	7.653	88	88158	1014.794	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	1364753	270.323	ug/l	99
52) Toluene	8.714	92	449170	53.761	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	296088	51.886	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	305501	50.007	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	185173	54.909	ug/l	97
56) Ethyl methacrylate	9.110	69	300286	52.636	ug/l	96
57) 1,3-Dichloropropane	9.305	76	312866	53.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	645716	261.282	ug/l	95
59) 2-Hexanone	9.427	43	1029627	267.605	ug/l	98
60) Dibromochloromethane	9.519	129	203980	54.741	ug/l	99
61) 1,2-Dibromoethane	9.610	107	192206	53.890	ug/l	98
64) Tetrachloroethene	9.269	164	154813	49.730	ug/l	93
65) Chlorobenzene	10.080	112	483812	52.620	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	185318	52.065	ug/l	98
67) Ethyl Benzene	10.189	91	871507	52.761	ug/l	98
68) m/p-Xylenes	10.299	106	672824	106.438	ug/l	94
69) o-Xylene	10.640	106	339348	53.924	ug/l	97
70) Styrene	10.653	104	566593	55.358	ug/l	96
71) Bromoform	10.799	173	153142	52.710	ug/l	99
73) Isopropylbenzene	10.964	105	886501	50.029	ug/l	100
74) N-amyl acetate	10.842	43	428276	48.110	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	295855	48.816	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	246977m	42.216	ug/l	
77) Bromobenzene	11.195	156	212257	49.777	ug/l	85
78) n-propylbenzene	11.305	91	1053195	51.106	ug/l	97
79) 2-Chlorotoluene	11.360	91	629487	49.815	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	752725	50.526	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	103727	45.547	ug/l	92
82) 4-Chlorotoluene	11.451	91	740746	51.467	ug/l	95
83) tert-Butylbenzene	11.713	119	757619	49.654	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	765875	50.844	ug/l	96
85) sec-Butylbenzene	11.890	105	969222	52.309	ug/l	98
86) p-Isopropyltoluene	12.006	119	811706	52.934	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	413838	51.748	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	414680	51.409	ug/l	97
89) n-Butylbenzene	12.329	91	729570	53.418	ug/l	98
90) Hexachloroethane	12.536	117	159666	49.800	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	404784	51.733	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64280	44.477	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	254088	50.580	ug/l	98
94) Hexachlorobutadiene	13.725	225	105862	50.835	ug/l	100
95) Naphthalene	13.774	128	834905	49.337	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	253397	50.809	ug/l	98

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ClientSampleId :
VSTDCCC050EC

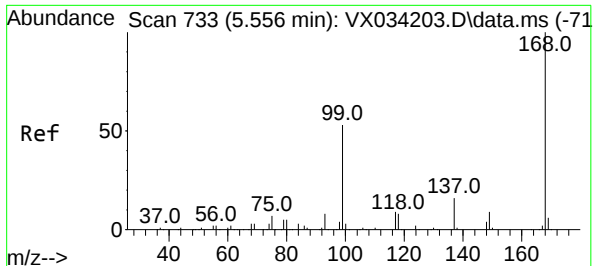
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/28/2023

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

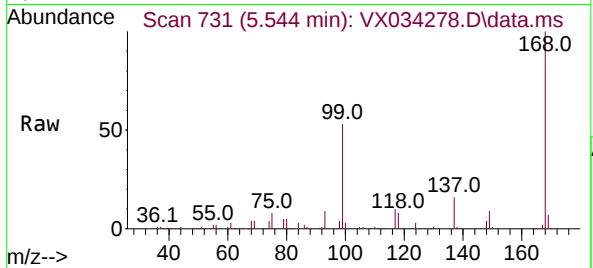
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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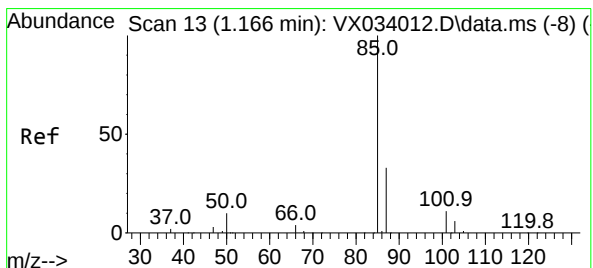
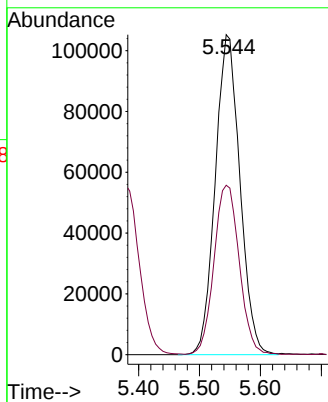
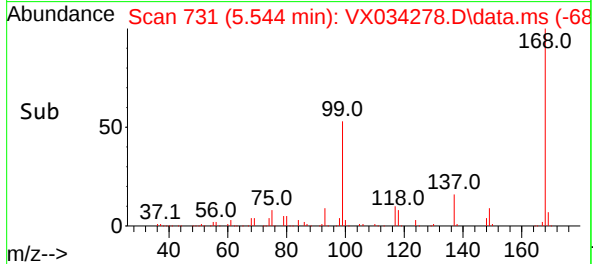
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 29598
Ion Ratio Lower Upper
168 100
99 52.7 39.6 59.4

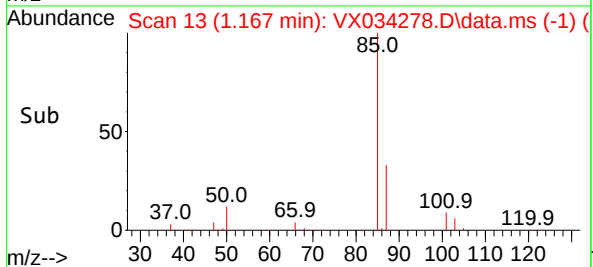
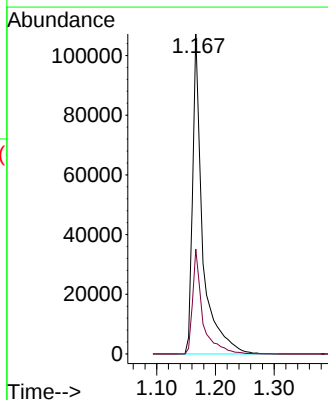
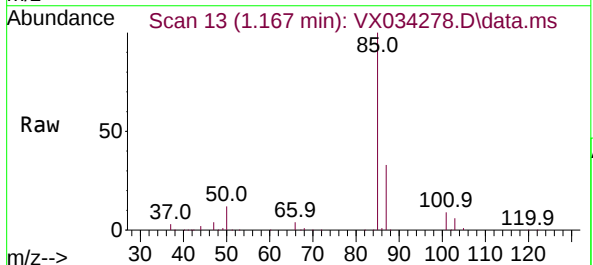
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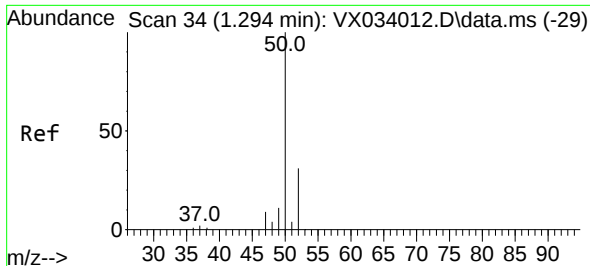
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 49.492 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

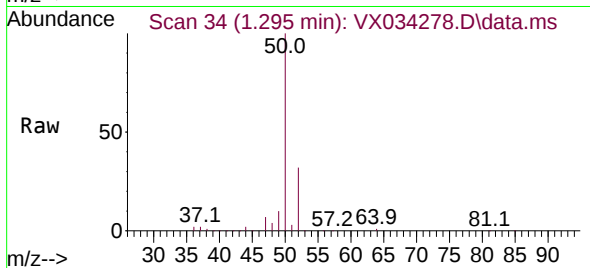
Tgt Ion: 85 Resp: 126580
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





#3
Chloromethane
Concen: 47.204 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

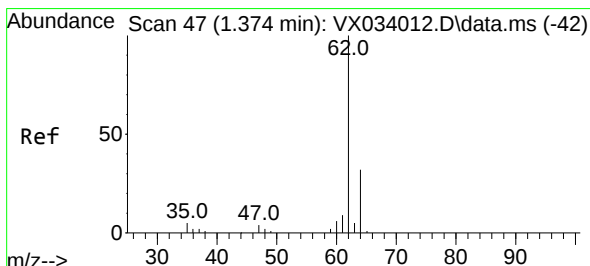
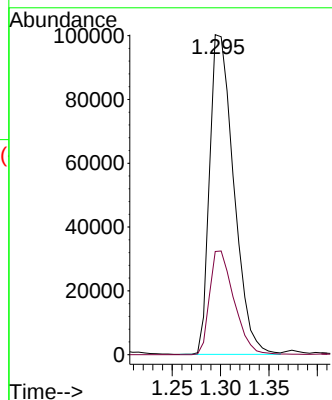
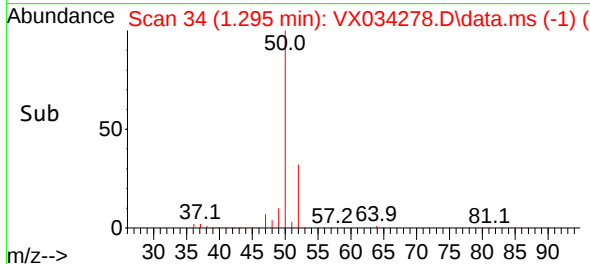
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Tgt Ion: 50 Resp: 173730
Ion Ratio Lower Upper
50 100
52 32.3 25.2 37.8

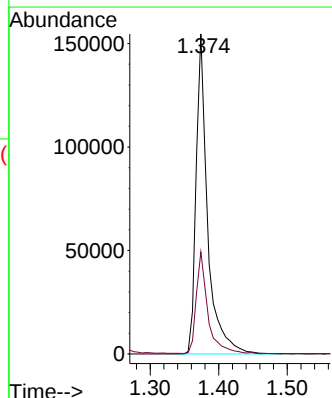
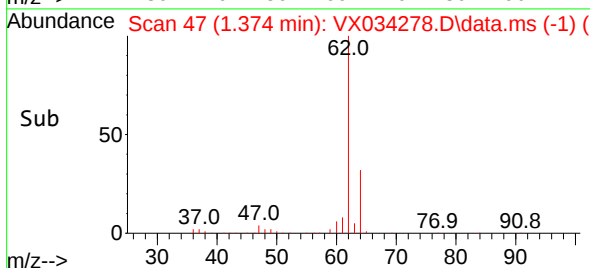
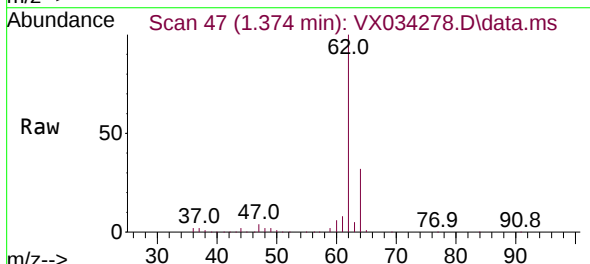
Manual Integrations
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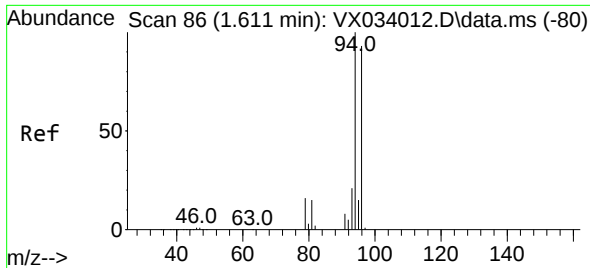
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#4
Vinyl Chloride
Concen: 54.000 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

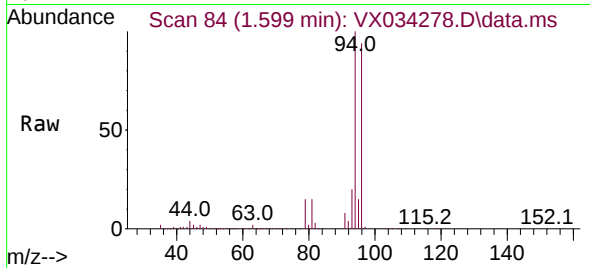
Tgt Ion: 62 Resp: 181002
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.4





#5
Bromomethane
Concen: 63.807 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

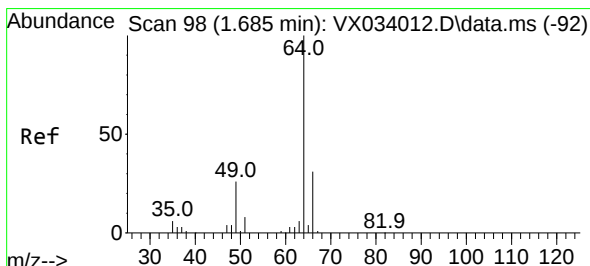
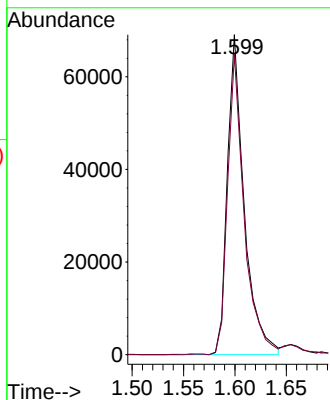
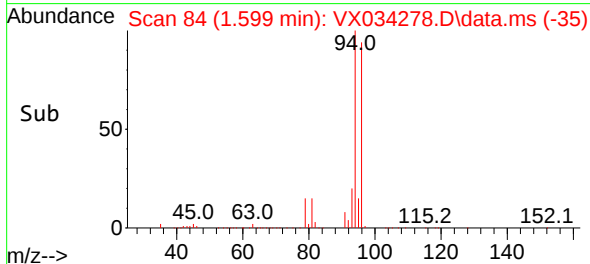
Instrument :
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Tgt Ion: 94 Resp: 7876
Ion Ratio Lower Upper
94 100
96 93.8 74.3 111.5

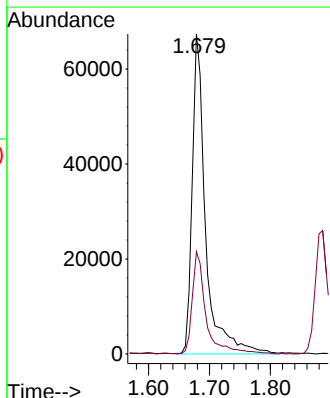
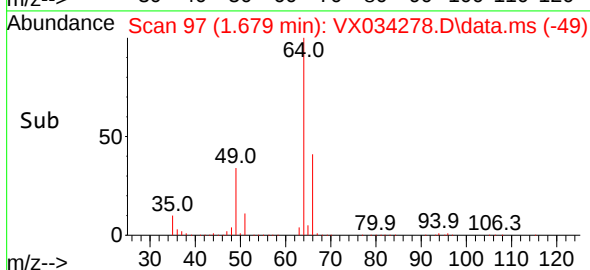
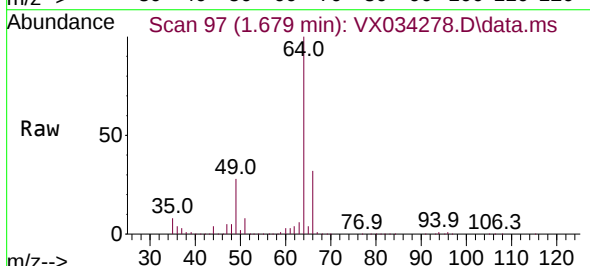
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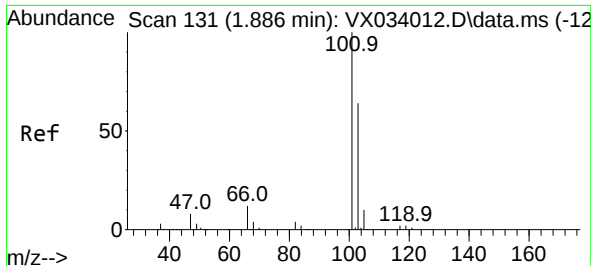
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#6
Chloroethane
Concen: 61.181 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 64 Resp: 103096
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1





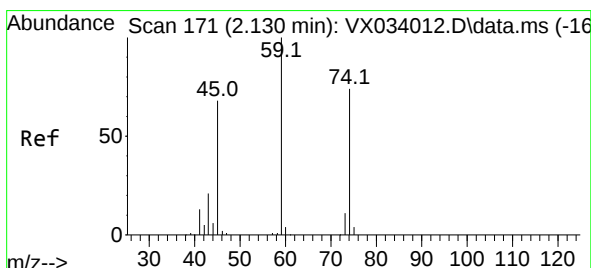
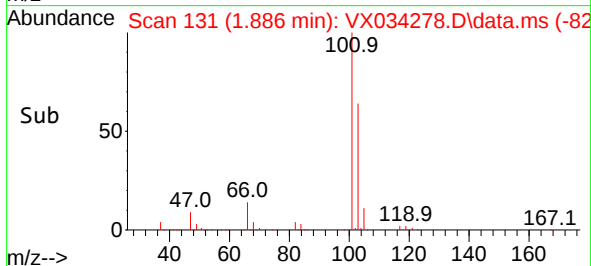
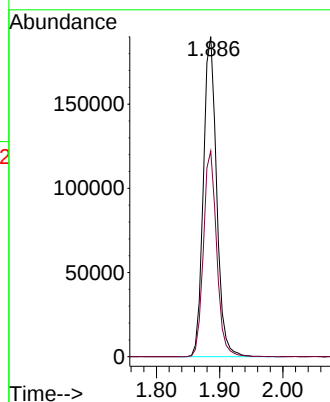
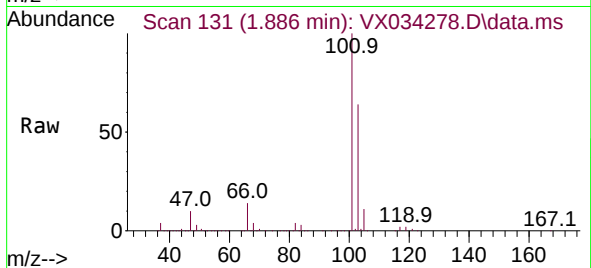
#7
Trichlorofluoromethane
Concen: 61.213 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 27758
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

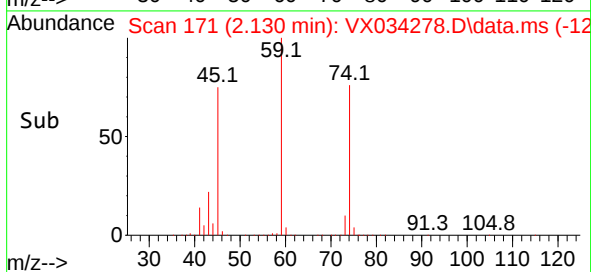
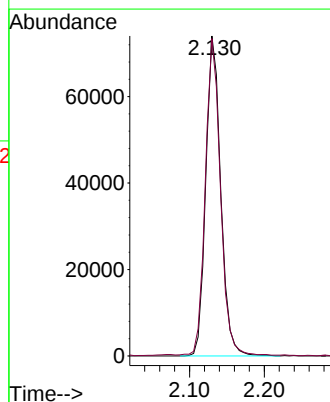
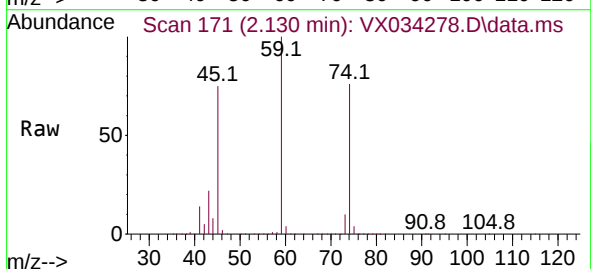
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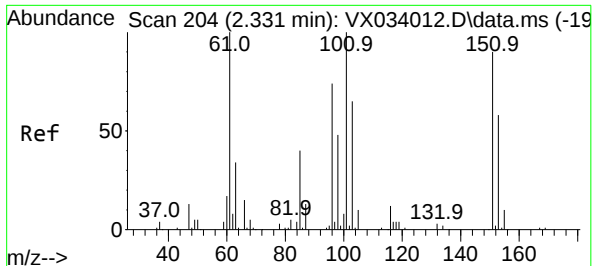
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#8
Diethyl Ether
Concen: 56.252 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

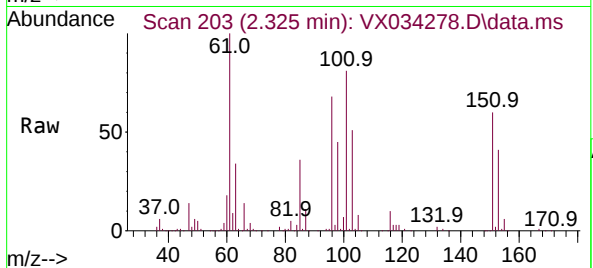
Tgt Ion: 74 Resp: 102769
Ion Ratio Lower Upper
74 100
45 99.7 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.116 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

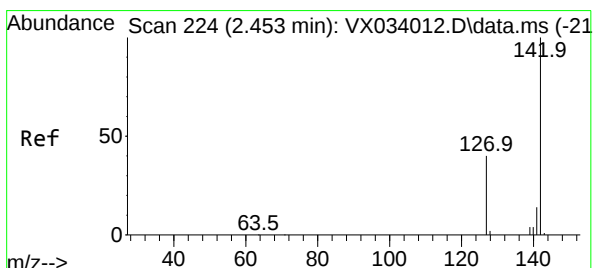
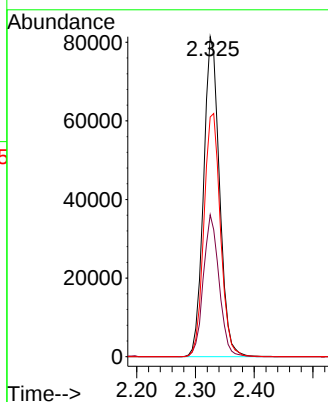
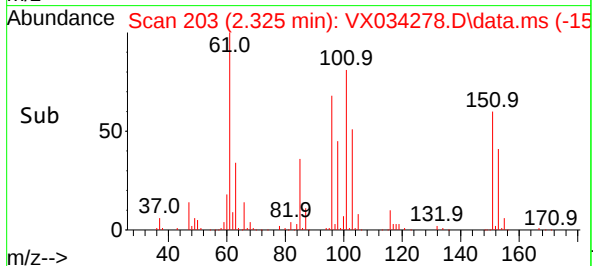
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 15366
Ion Ratio Lower Upper
101 100
85 43.6 36.7 55.1
151 78.6 66.5 99.7

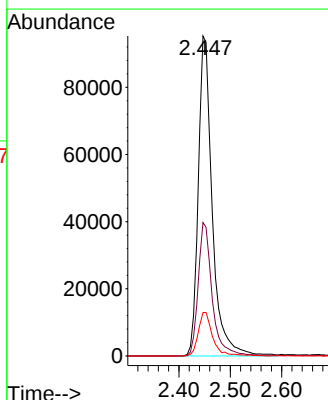
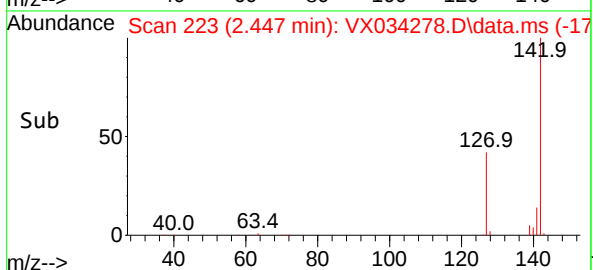
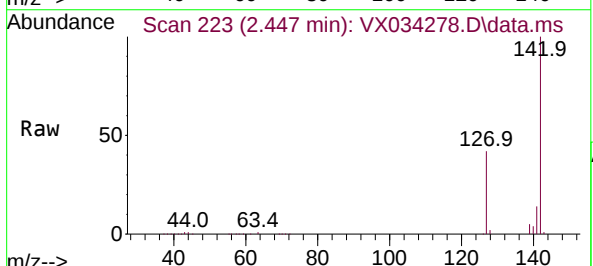
Manual Integrations
APPROVED

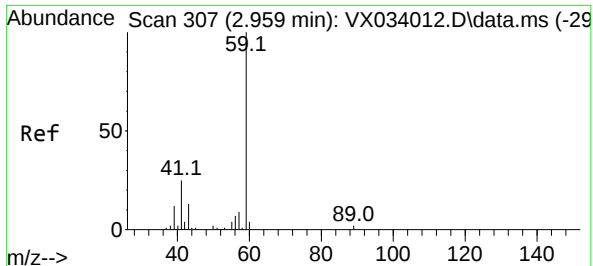
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#10
Methyl Iodide
Concen: 46.430 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

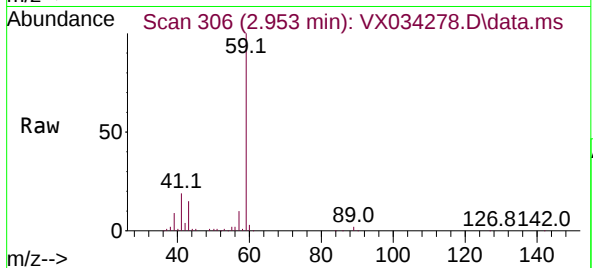
Tgt Ion:142 Resp: 180539
Ion Ratio Lower Upper
142 100
127 42.0 37.3 55.9
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 214.952 ug/l
RT: 2.953 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

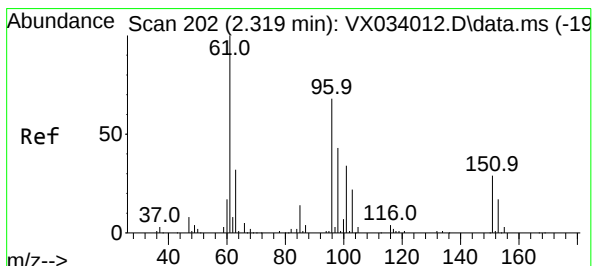
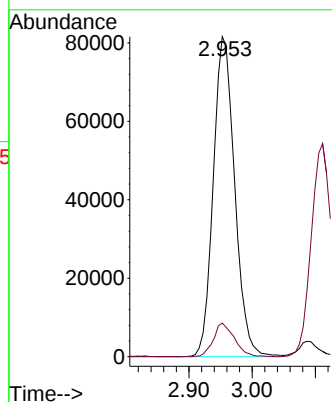
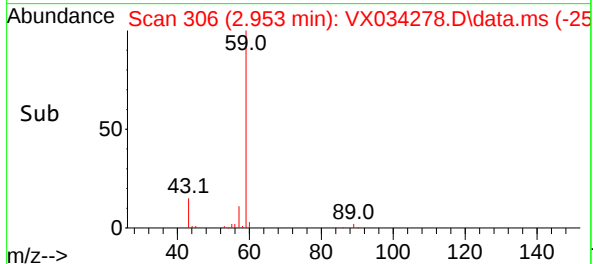
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



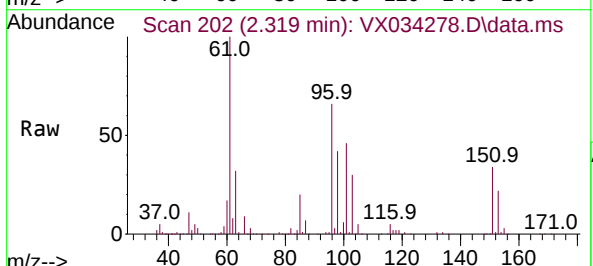
Tgt Ion: 59 Resp: 191643
Ion Ratio Lower Upper
59 100
57 10.3 3.7 5.5

Manual Integrations
APPROVED

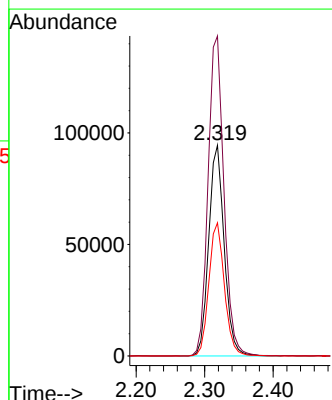
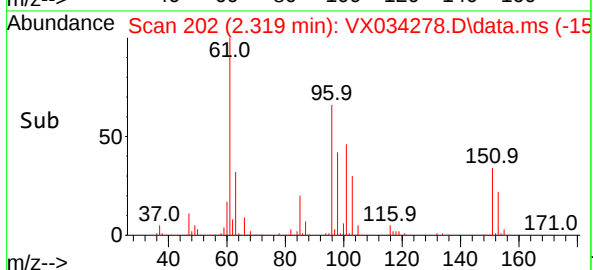
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

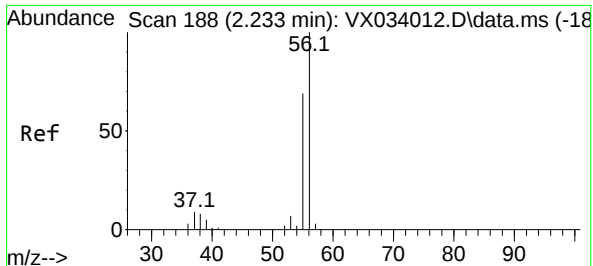


#12
1,1-Dichloroethene
Concen: 46.425 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26



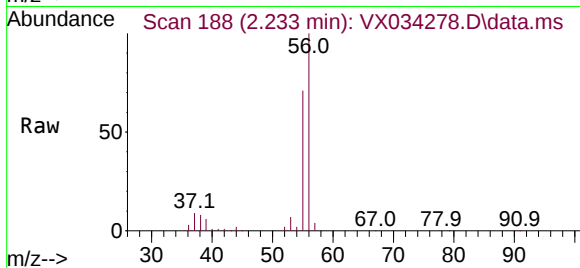
Tgt Ion: 96 Resp: 148624
Ion Ratio Lower Upper
96 100
61 151.9 134.2 201.4
98 63.2 50.2 75.2





#13
Acrolein
Concen: 256.686 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

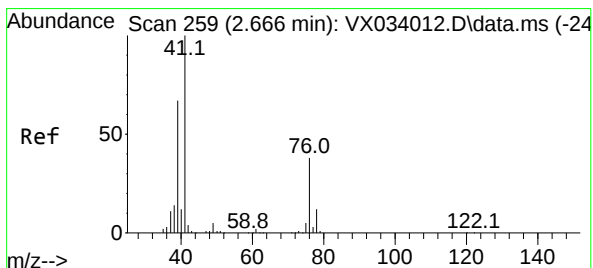
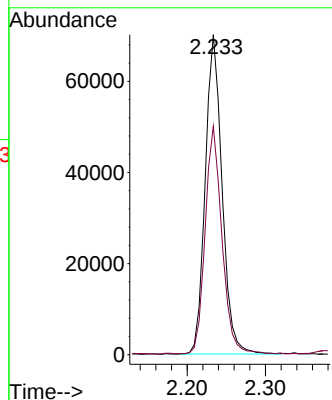
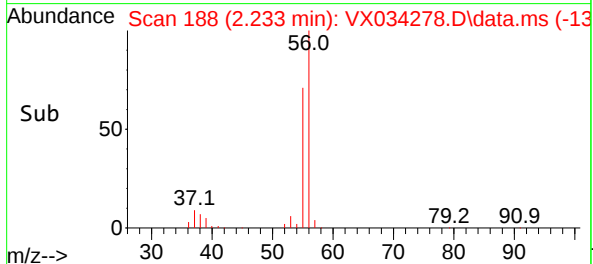
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 104460
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5

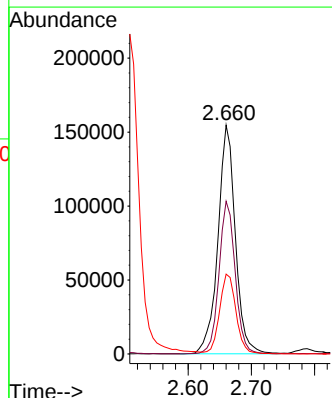
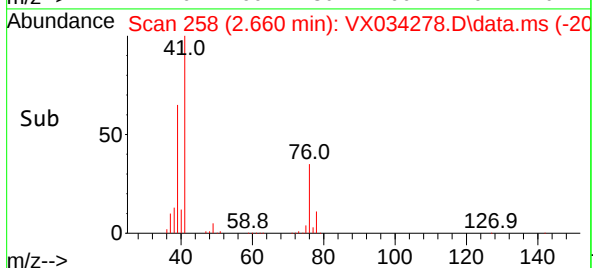
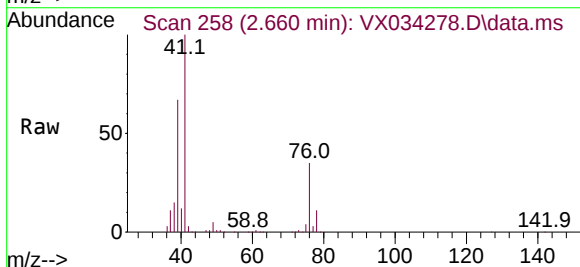
Manual Integrations
APPROVED

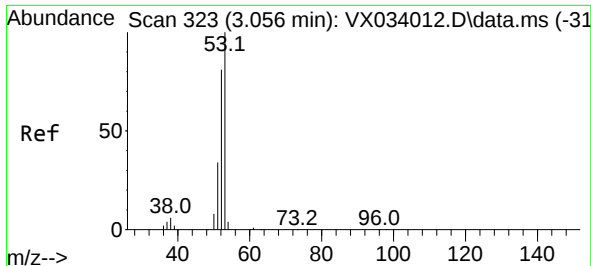
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Allyl chloride
Concen: 43.505 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

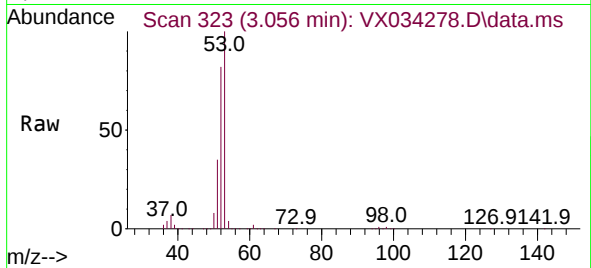
Tgt Ion: 41 Resp: 295435
Ion Ratio Lower Upper
41 100
39 62.0 59.0 88.4
76 32.8 24.6 37.0





#15
Acrylonitrile
Concen: 237.734 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

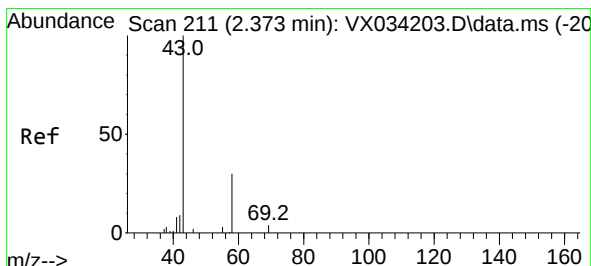
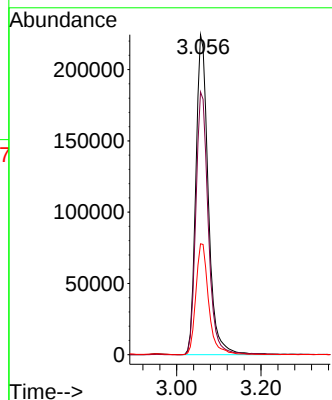
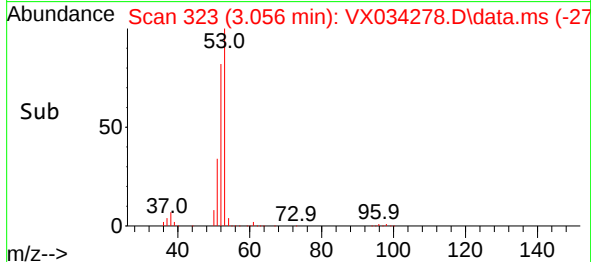
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



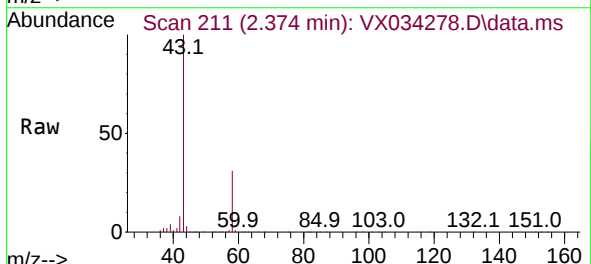
Tgt Ion: 53 Resp: 462384
Ion Ratio Lower Upper
53 100
52 81.5 65.7 98.5
51 35.7 29.0 43.4

Manual Integrations
APPROVED

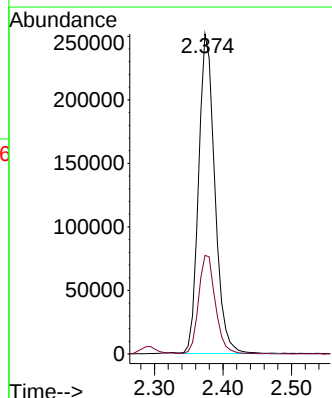
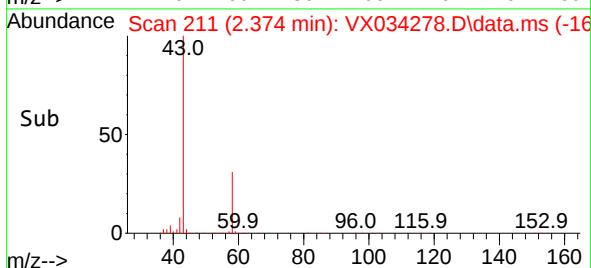
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

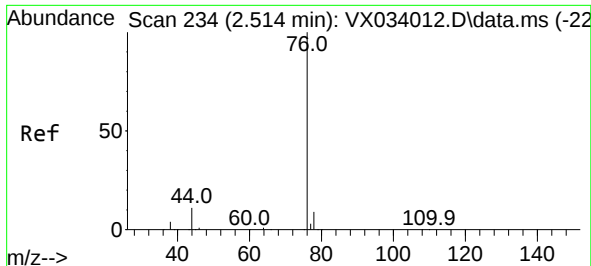


#16
Acetone
Concen: 201.568 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26



Tgt Ion: 43 Resp: 414477
Ion Ratio Lower Upper
43 100
58 30.8 22.6 33.8





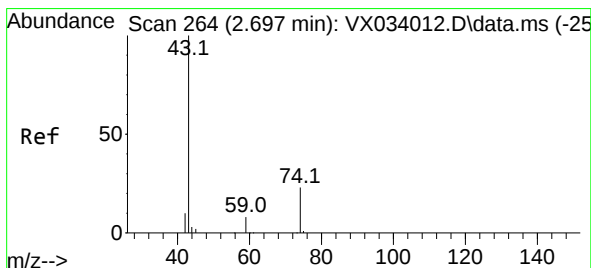
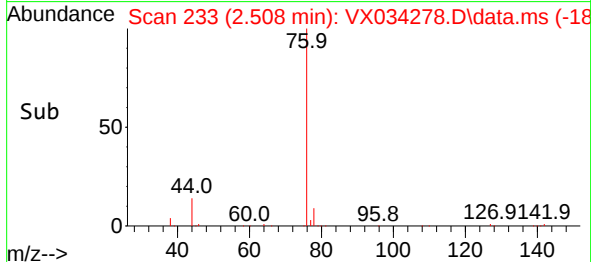
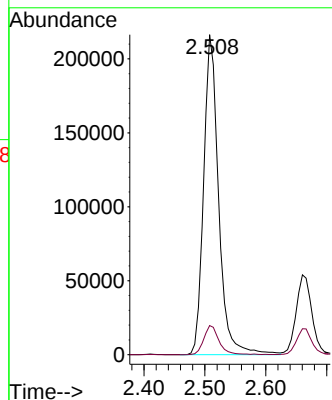
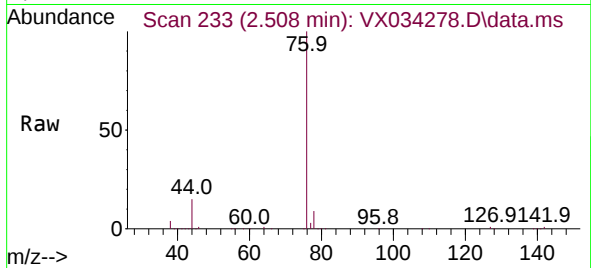
#17
Carbon Disulfide
Concen: 40.202 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 37002
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

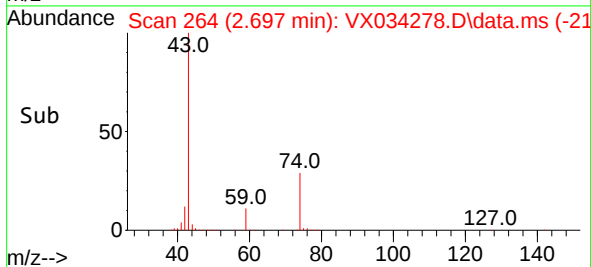
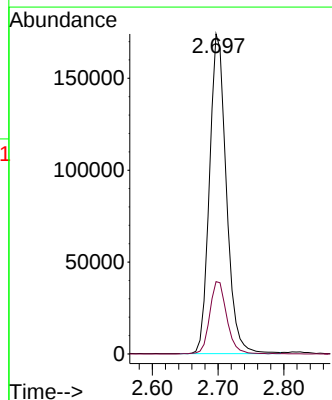
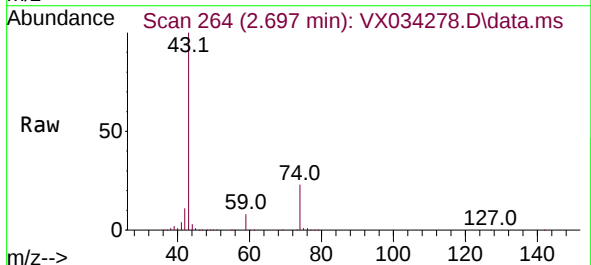
Manual Integrations
APPROVED

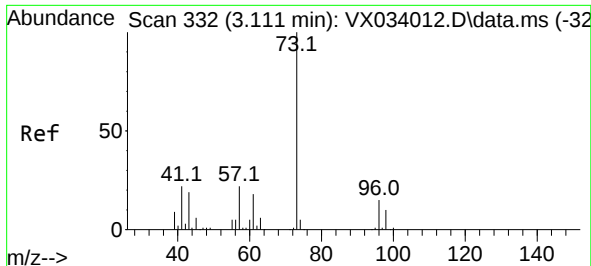
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#18
Methyl Acetate
Concen: 48.902 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 43 Resp: 311147
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4





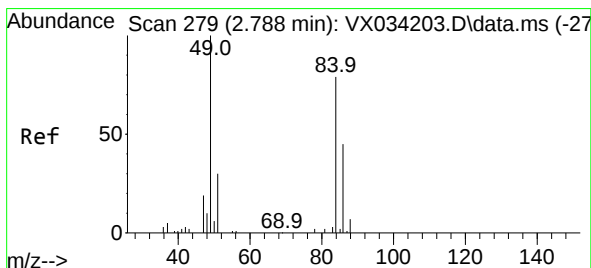
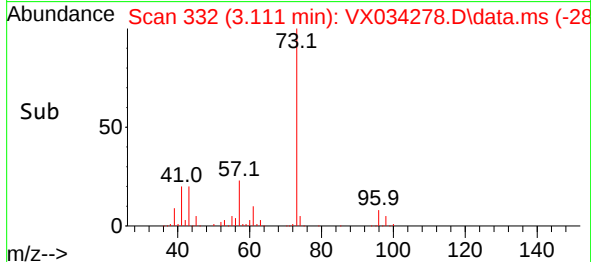
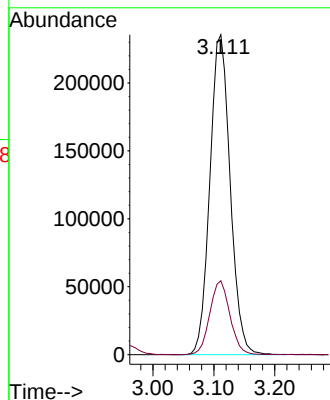
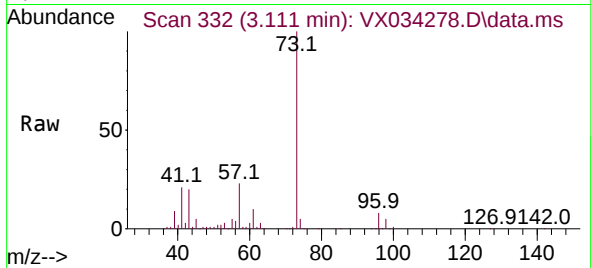
#19
Methyl tert-butyl Ether
Concen: 48.254 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 545214
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0

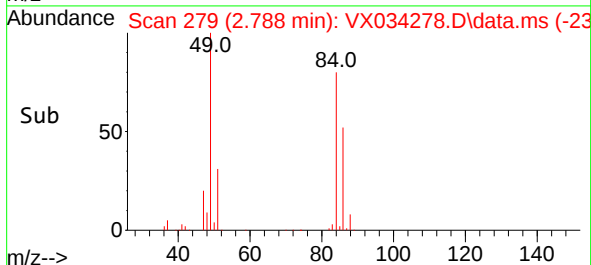
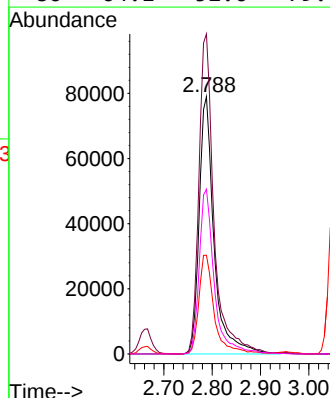
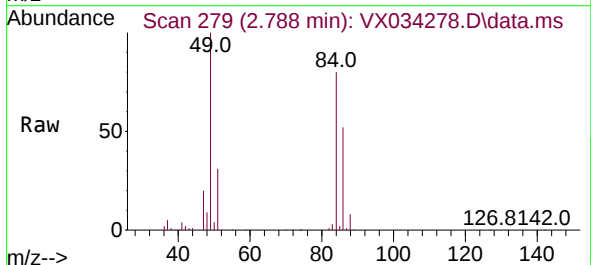
Manual Integrations
APPROVED

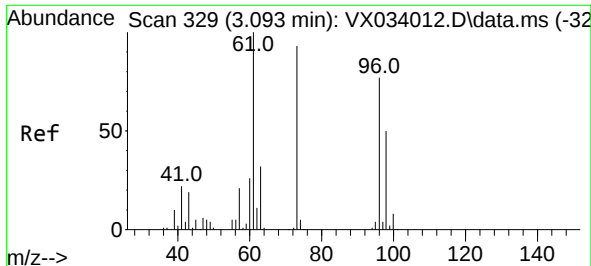
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#20
Methylene Chloride
Concen: 45.641 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

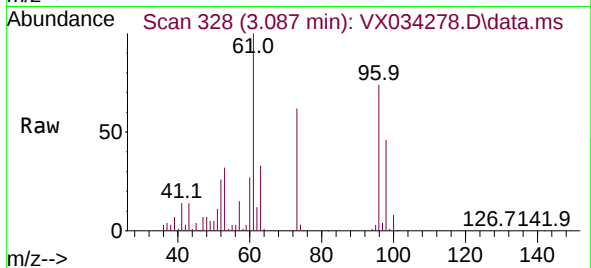
Tgt Ion: 84 Resp: 169102
Ion Ratio Lower Upper
84 100
49 124.3 101.1 151.7
51 38.4 31.0 46.6
86 64.1 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 47.650 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

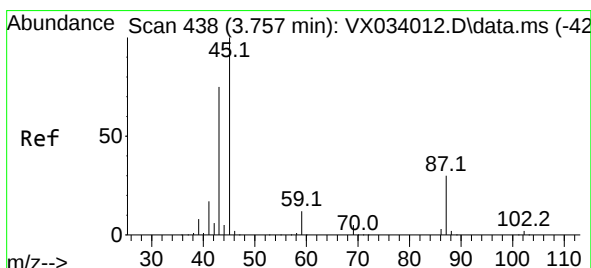
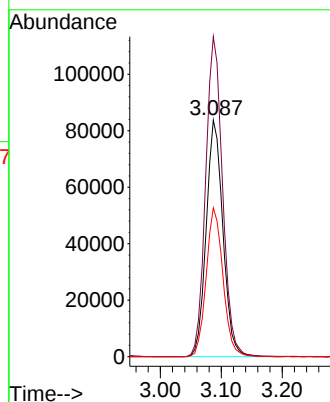
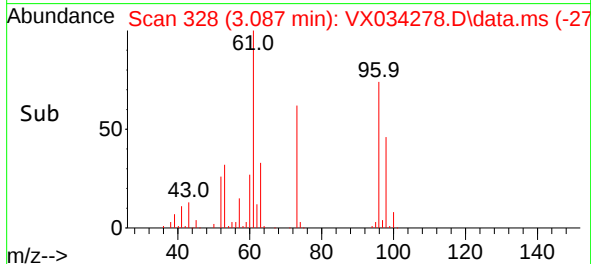
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15984
Ion Ratio Lower Upper
96 100
61 135.2 106.7 160.1
98 62.9 50.0 75.0

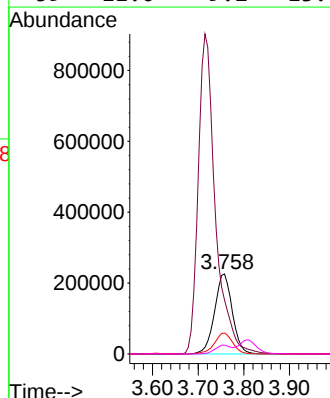
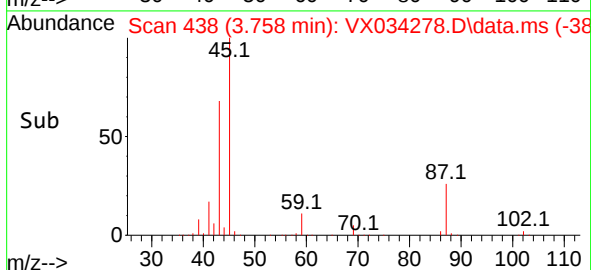
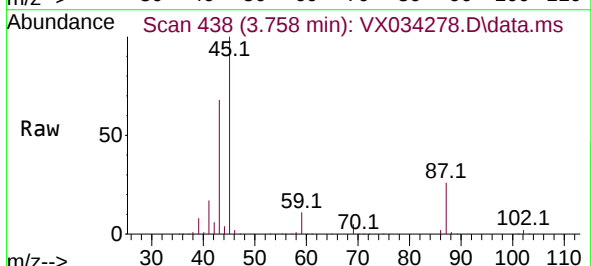
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#22
Diisopropyl ether
Concen: 51.042 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 45 Resp: 607670
Ion Ratio Lower Upper
45 100
43 67.5 64.6 97.0
87 26.2 21.9 32.9
59 11.0 9.2 13.8





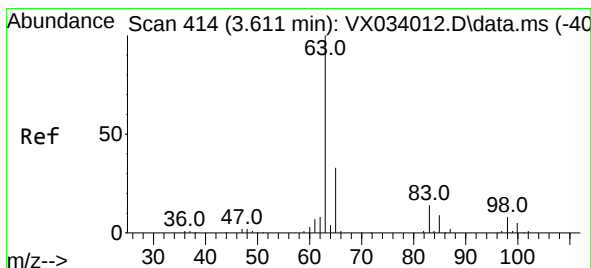
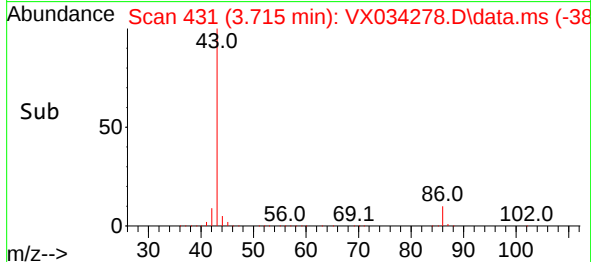
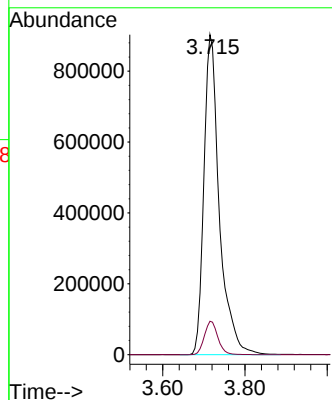
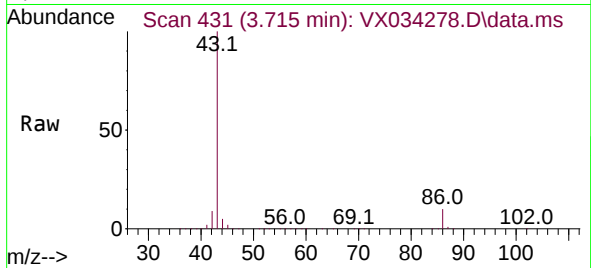
#23
 Vinyl Acetate
 Concen: 246.741 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034278.D
 Acq: 27 Feb 2023 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2353524
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

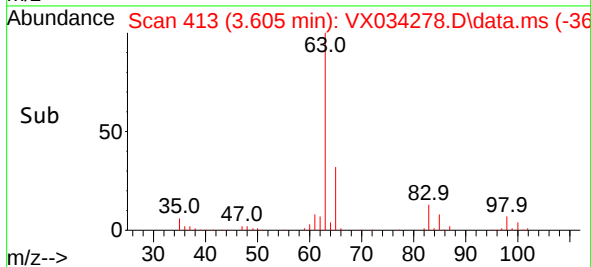
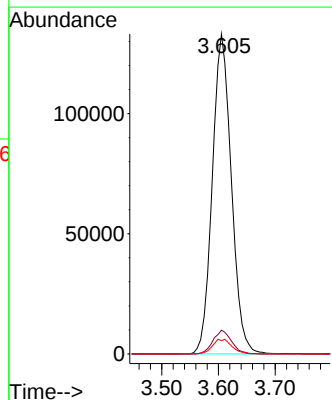
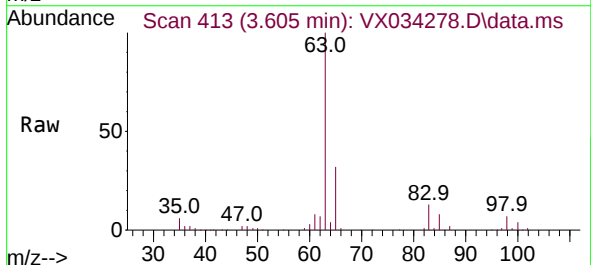
Manual Integrations
 APPROVED

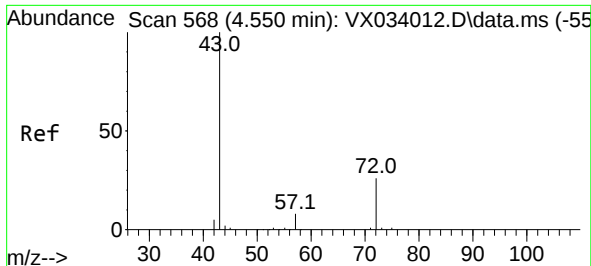
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#24
 1,1-Dichloroethane
 Concen: 47.514 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034278.D
 Acq: 27 Feb 2023 16:26

Tgt Ion: 63 Resp: 310543
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.1 2.4 7.2





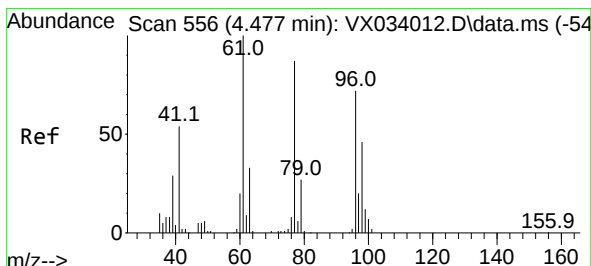
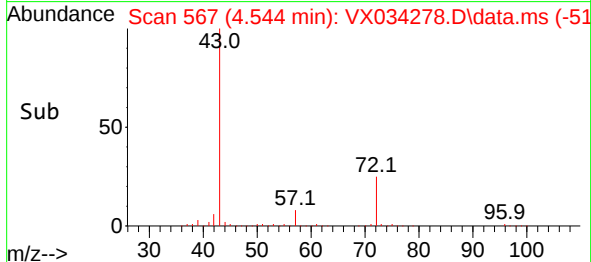
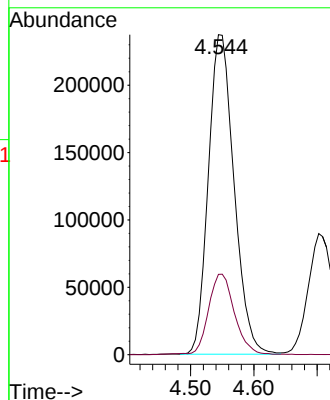
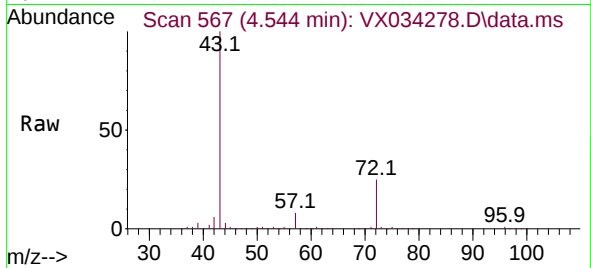
#25
2-Butanone
Concen: 225.170 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 66993
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

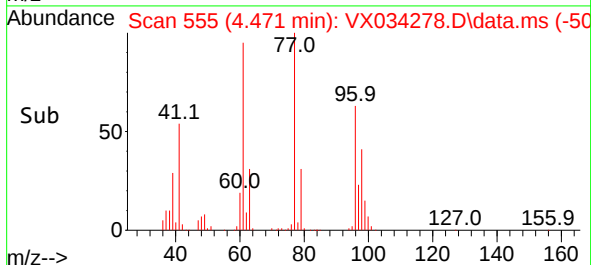
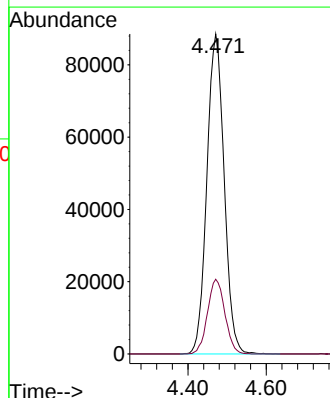
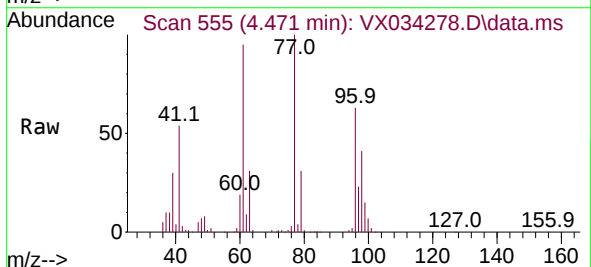
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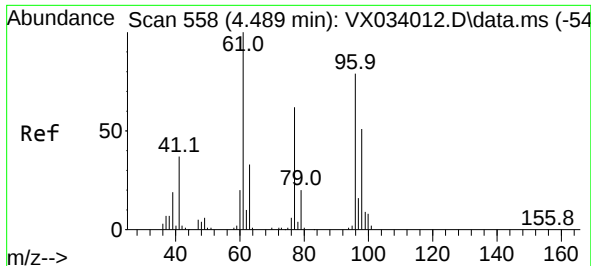
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
2,2-Dichloropropane
Concen: 45.730 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 77 Resp: 270753
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.291 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 19580

Ion Ratio Lower Upper

96 100

61 143.9 0.0 277.6

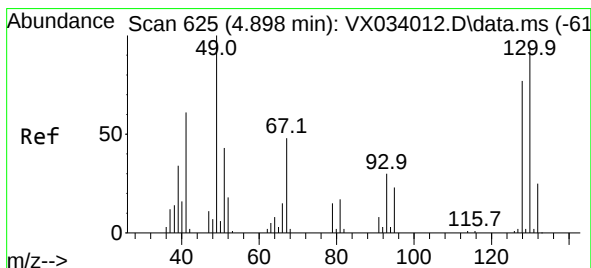
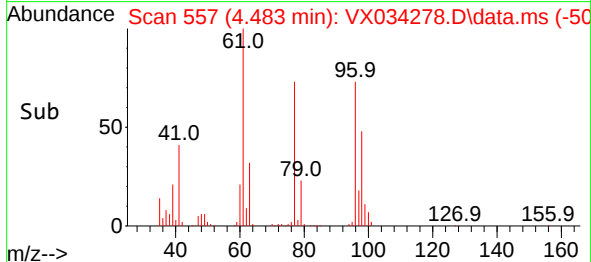
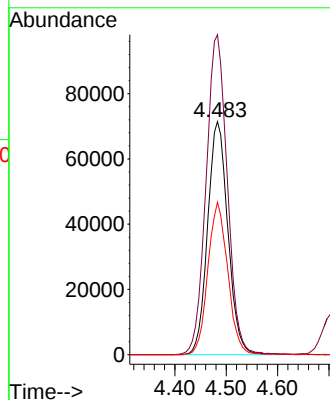
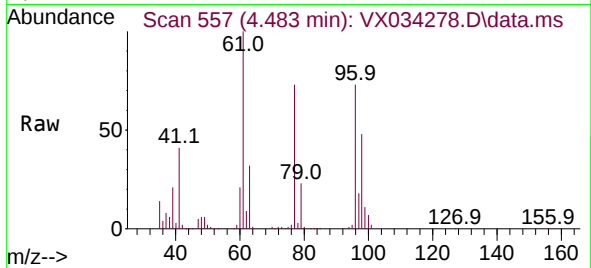
98 64.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#28

Bromochloromethane

Concen: 43.823 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

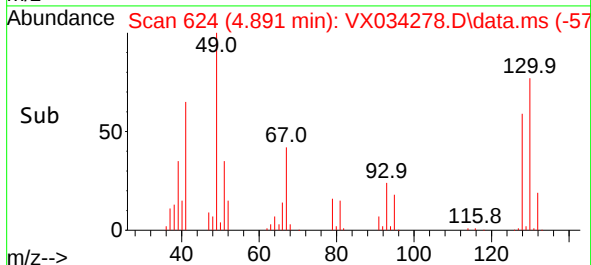
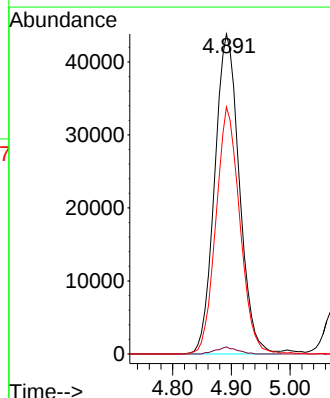
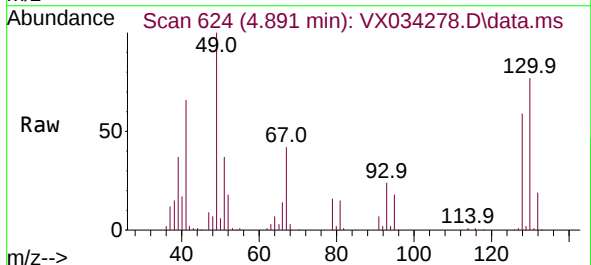
Tgt Ion: 49 Resp: 127769

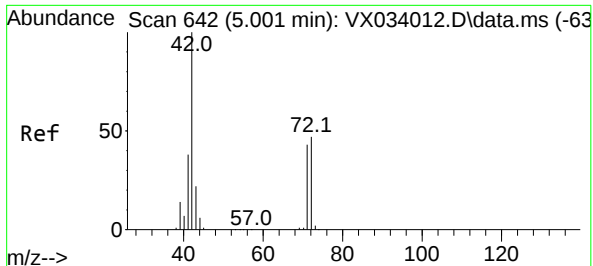
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 75.0 68.5 102.7





#29

Tetrahydrofuran

Concen: 239.861 ug/l

RT: 4.995 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 435354

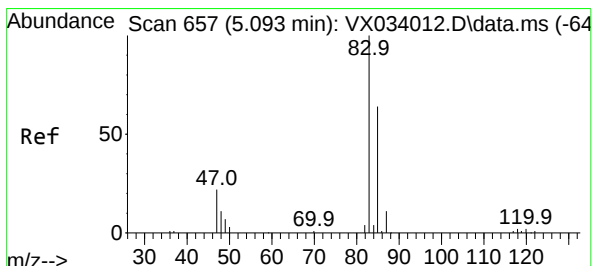
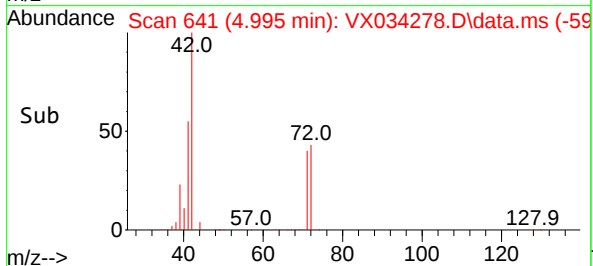
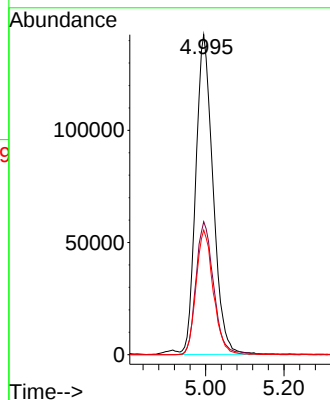
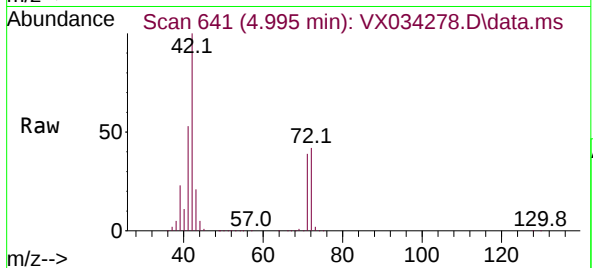
Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.8	52.2
71	39.0	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 49.766 ug/l

RT: 5.087 min Scan# 656

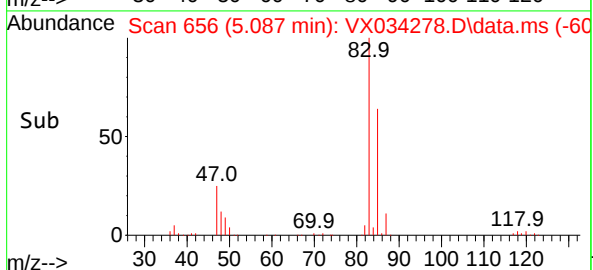
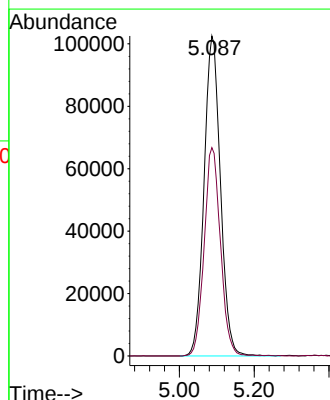
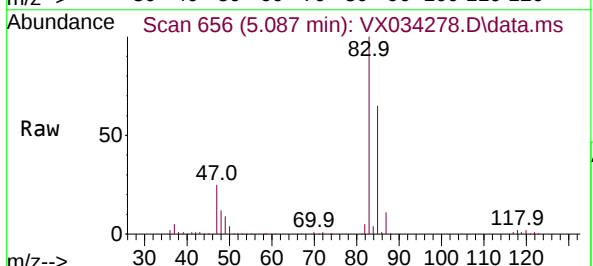
Delta R.T. -0.006 min

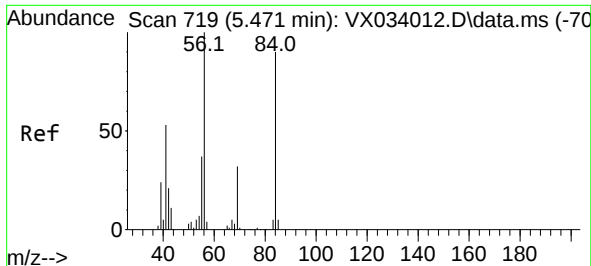
Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Tgt Ion: 83 Resp: 312327

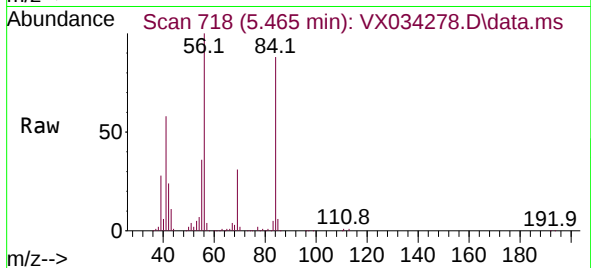
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1





#31
Cyclohexane
Concen: 47.386 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

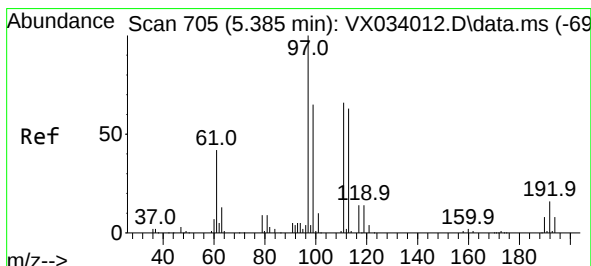
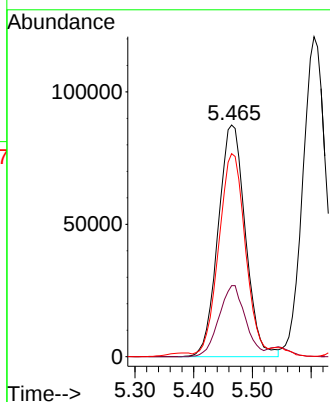
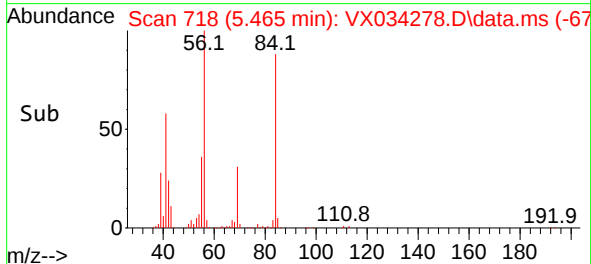
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 28201
Ion Ratio Lower Upper
56 100
69 30.6 24.6 37.0
84 86.1 71.0 106.6

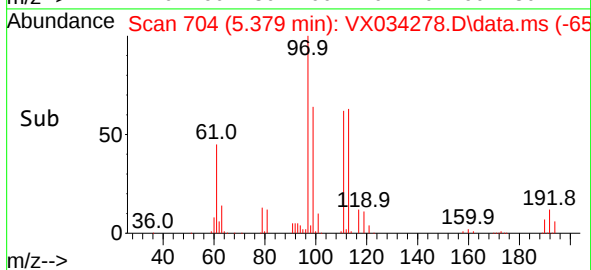
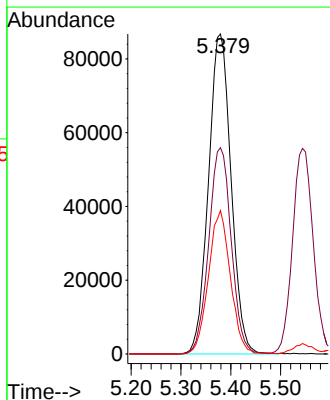
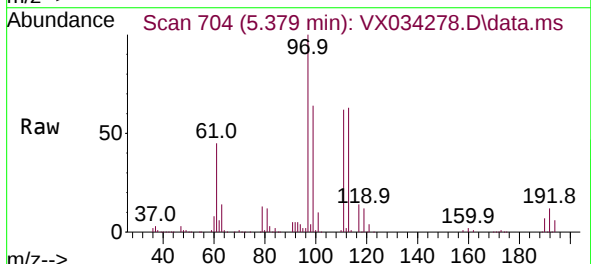
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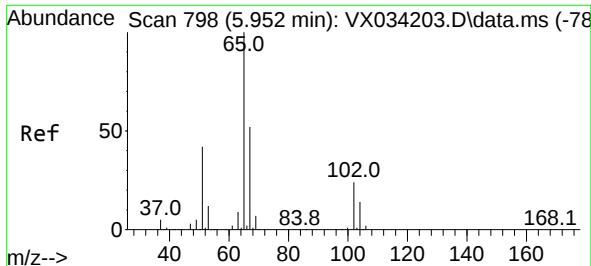
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#32
1,1,1-Trichloroethane
Concen: 48.574 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 97 Resp: 273276
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 43.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.771 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18245

Ion Ratio Lower Upper

65 100

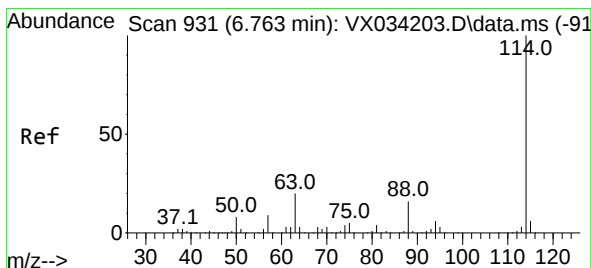
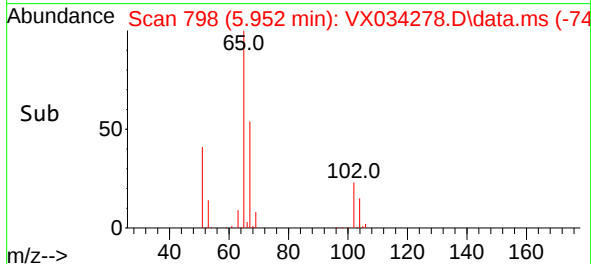
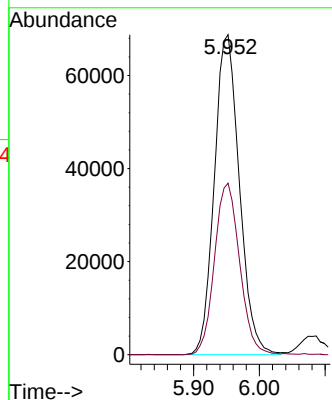
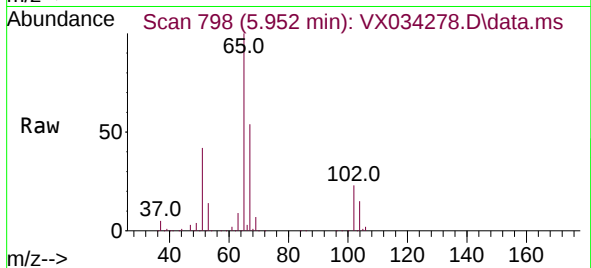
67 53.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

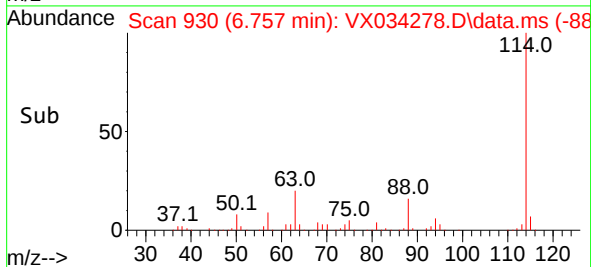
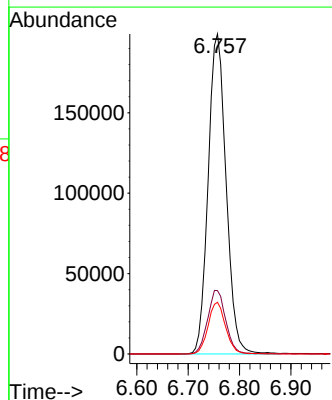
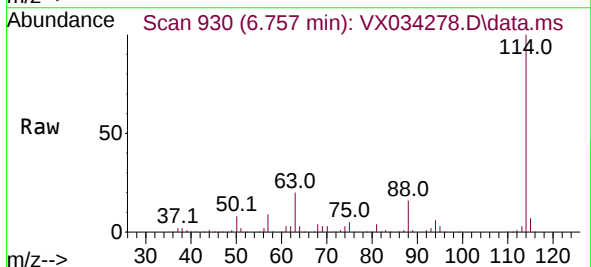
Tgt Ion:114 Resp: 483209

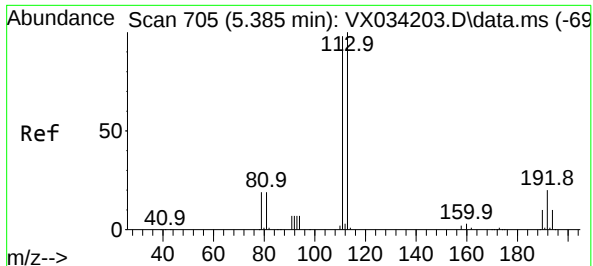
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.046 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

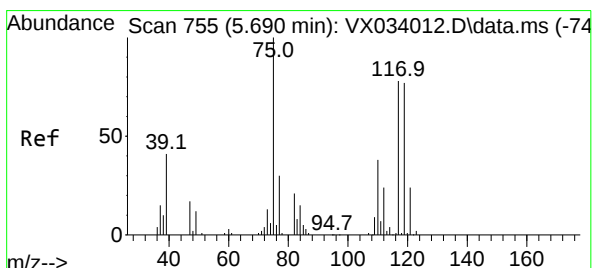
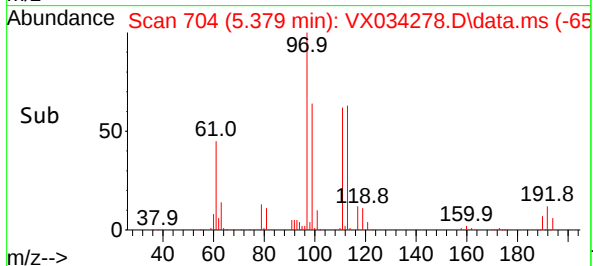
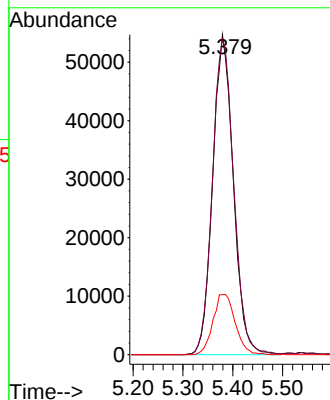
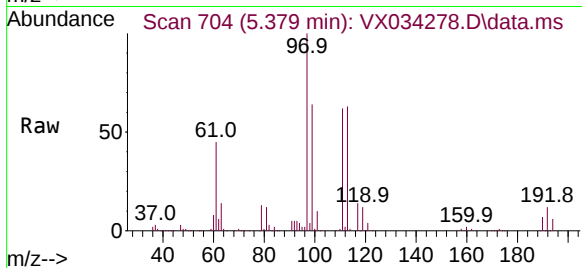
Tgt Ion:113 Resp: 157452
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.0 124.6
 192 20.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,1-Dichloropropene

Concen: 48.832 ug/l

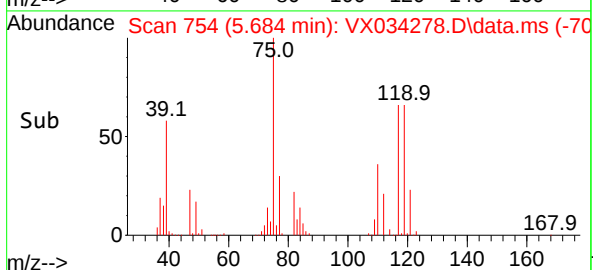
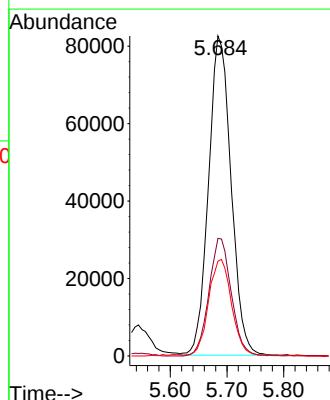
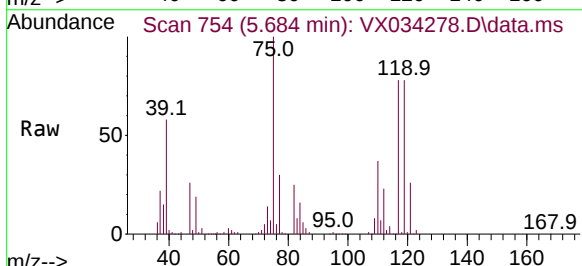
RT: 5.684 min Scan# 754

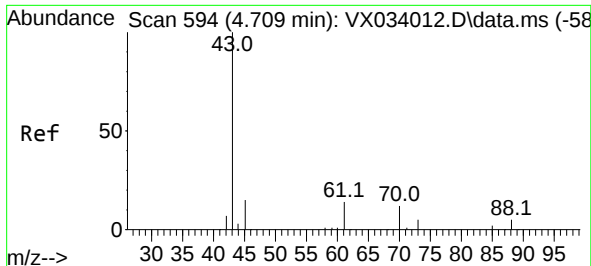
Delta R.T. -0.006 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

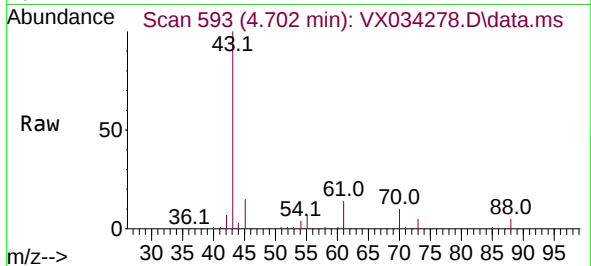
Tgt Ion: 75 Resp: 227209
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.8 56.4
 77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 50.142 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

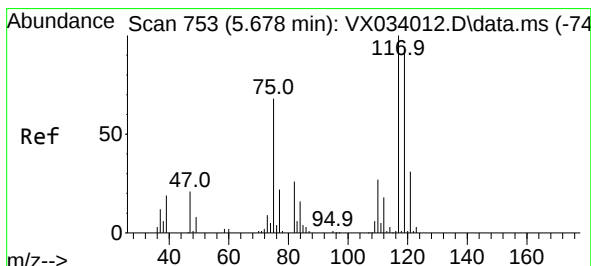
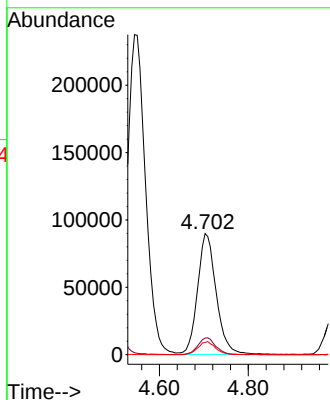
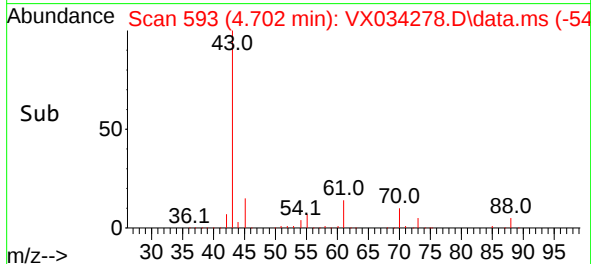
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 260739
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 10.2 8.5 12.7

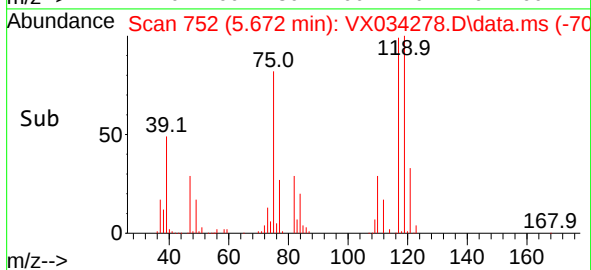
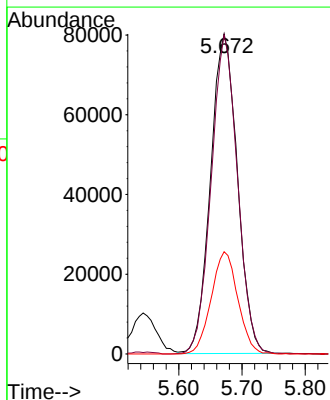
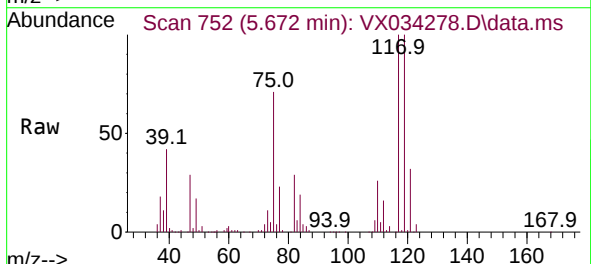
Manual Integrations
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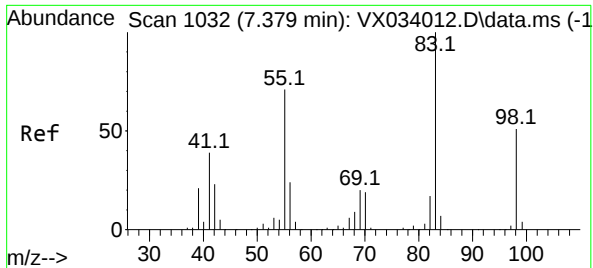
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#38
Carbon Tetrachloride
Concen: 49.396 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion:117 Resp: 236502
Ion Ratio Lower Upper
117 100
119 99.8 78.0 117.0
121 32.0 24.4 36.6





#39

Methylcyclohexane

Concen: 48.886 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 29271

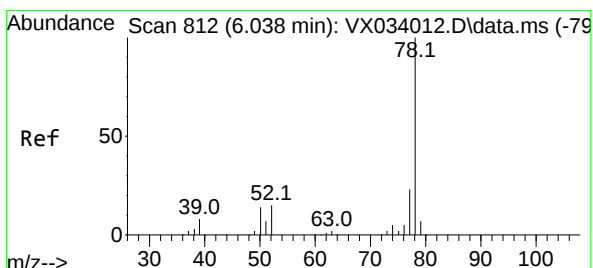
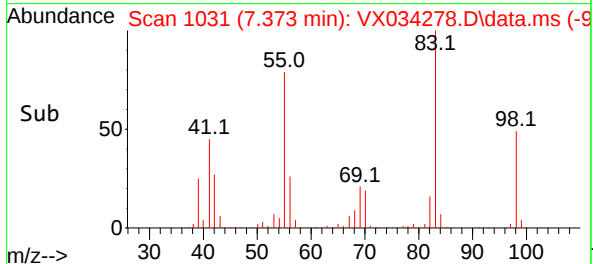
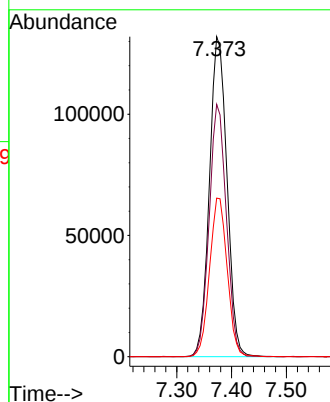
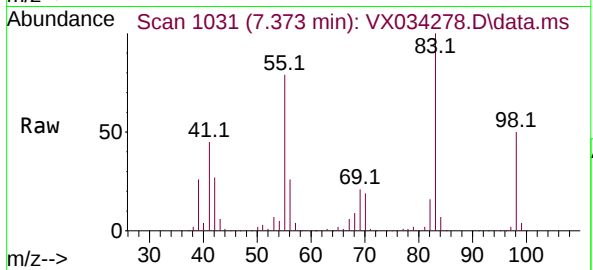
Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.8	92.6
98	49.5	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 50.806 ug/l

RT: 6.032 min Scan# 811

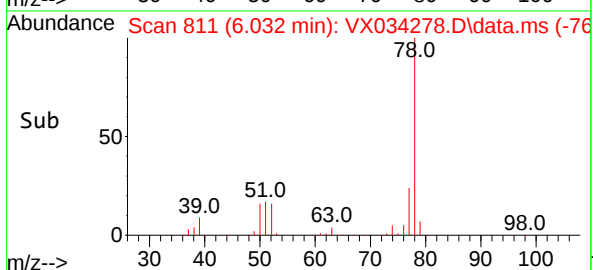
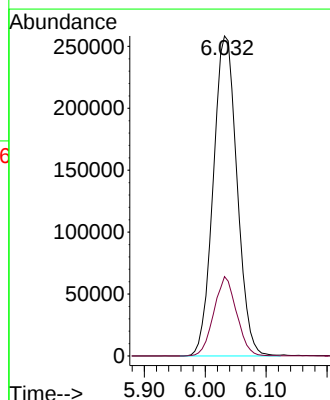
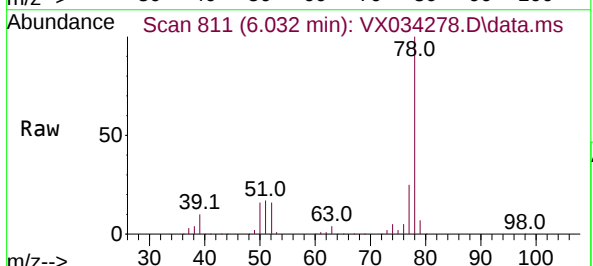
Delta R.T. -0.006 min

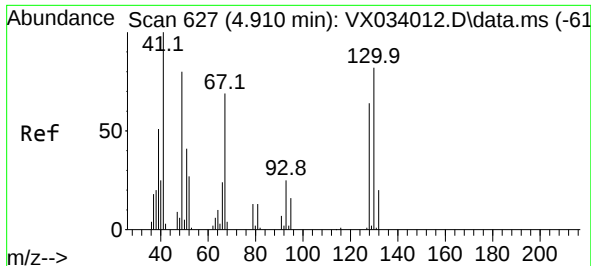
Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Tgt Ion: 78 Resp: 700545

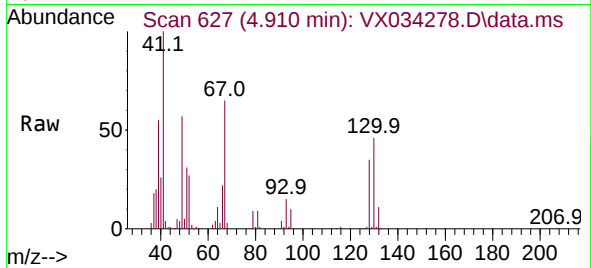
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.4





#41
Methacrylonitrile
Concen: 51.191 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

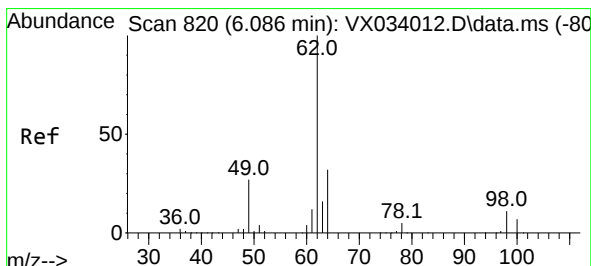
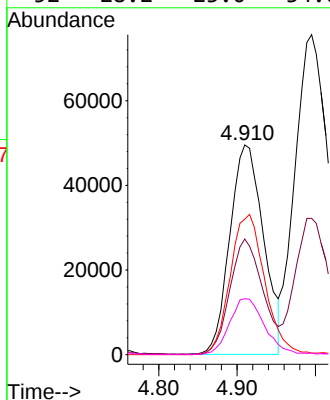
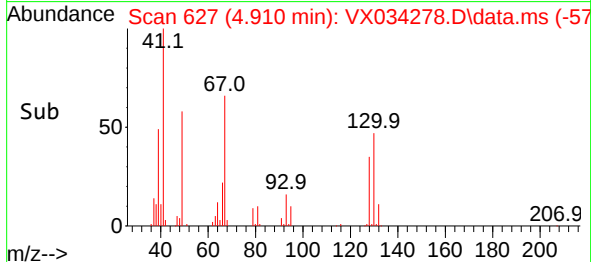
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 14831
Ion Ratio Lower Upper
41 100
39 53.5 43.8 65.6
67 68.9 54.8 82.2
52 28.2 23.0 34.6

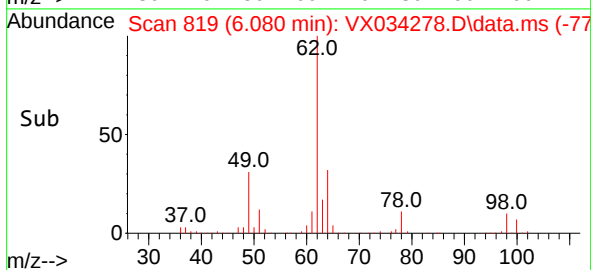
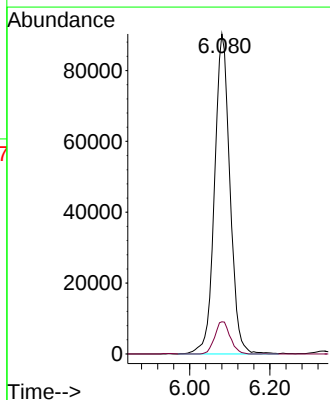
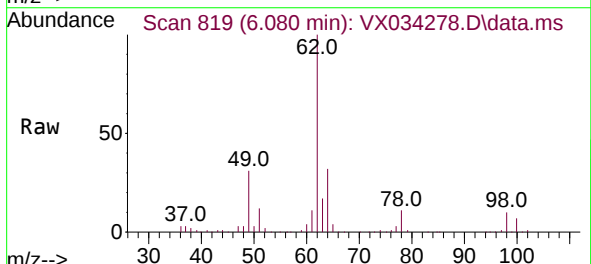
Manual Integrations
APPROVED

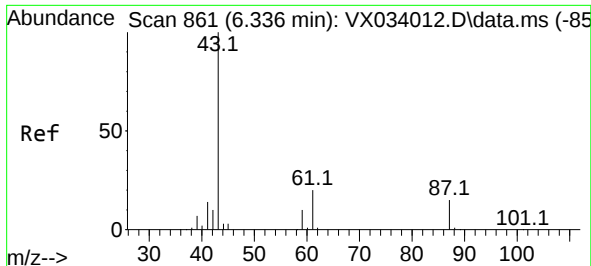
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#42
1,2-Dichloroethane
Concen: 49.704 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 62 Resp: 241042
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





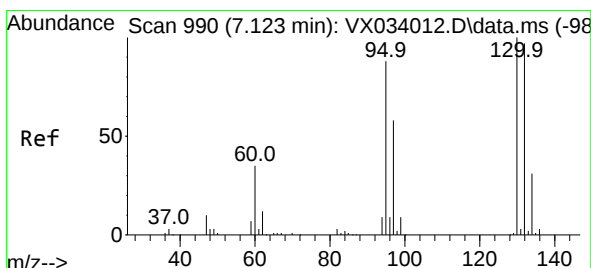
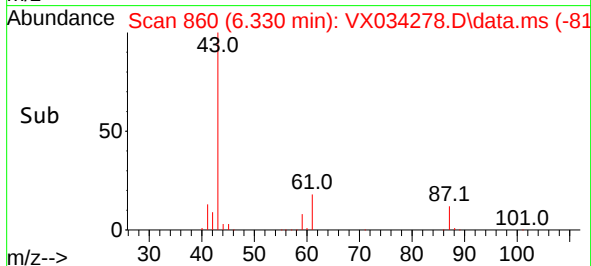
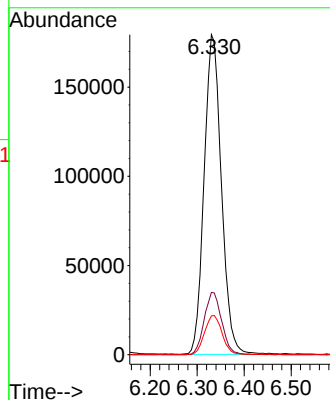
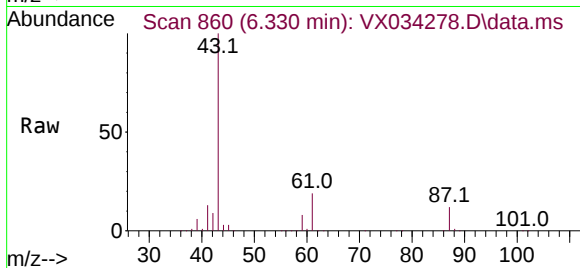
#43
Isopropyl Acetate
Concen: 49.852 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45745
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5
87 12.4 10.6 15.8

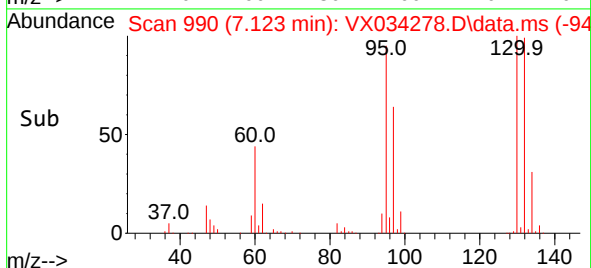
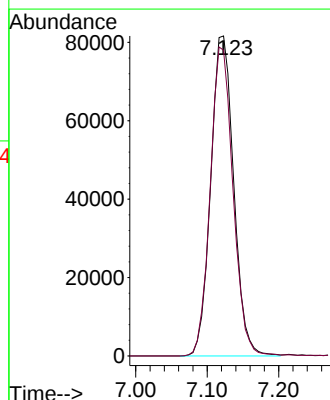
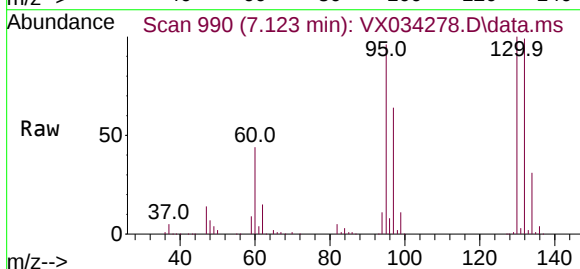
Manual Integrations
APPROVED

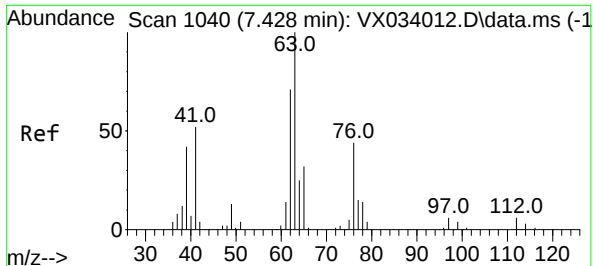
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#44
Trichloroethene
Concen: 51.417 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion:130 Resp: 181936
Ion Ratio Lower Upper
130 100
95 95.6 0.0 182.6





#45

1,2-Dichloropropane

Concen: 51.064 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 187438

Ion Ratio Lower Upper

63 100

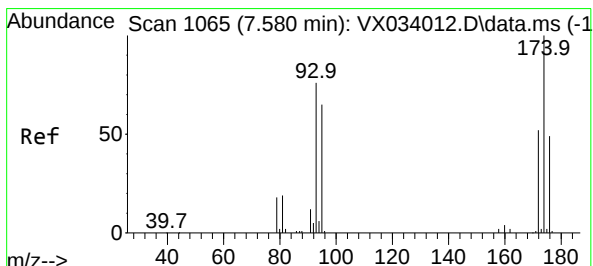
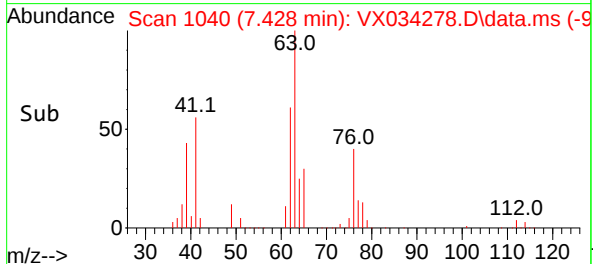
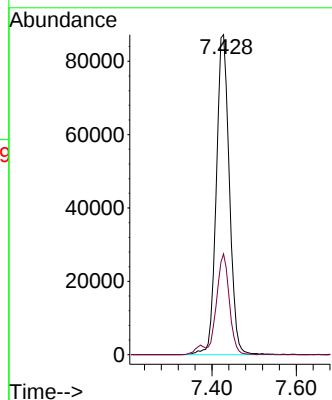
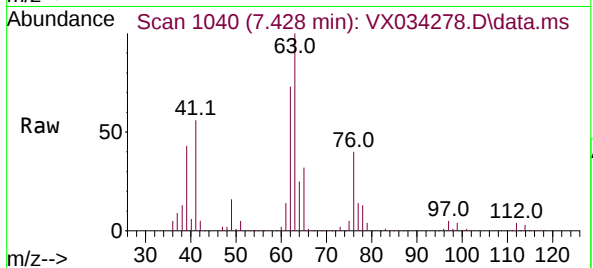
65 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#46

Dibromomethane

Concen: 51.055 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

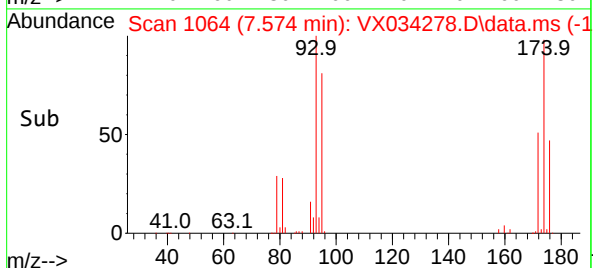
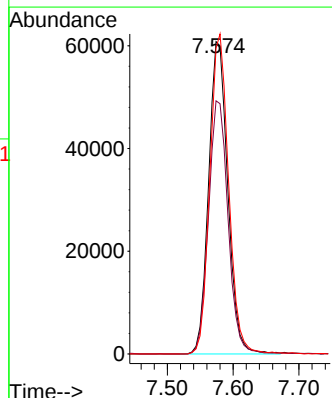
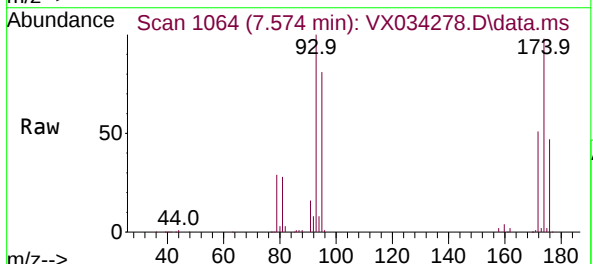
Tgt Ion: 93 Resp: 123336

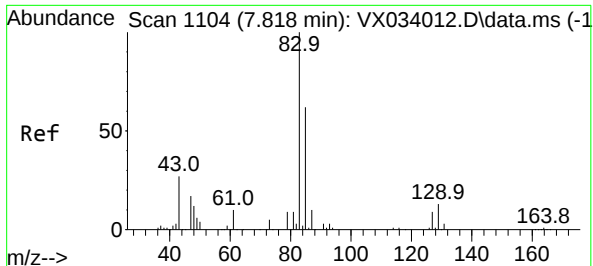
Ion Ratio Lower Upper

93 100

95 82.8 67.6 101.4

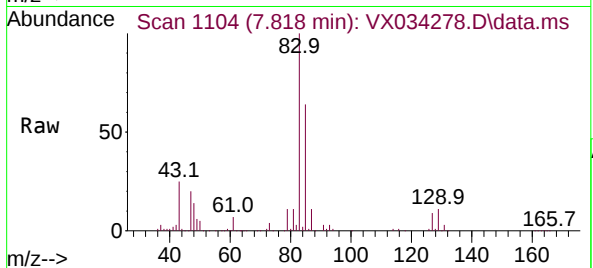
174 100.9 97.4 146.0





#47
Bromodichloromethane
Concen: 49.892 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

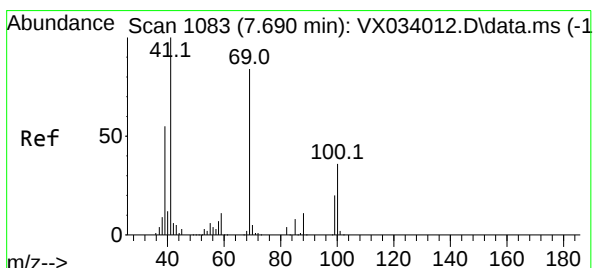
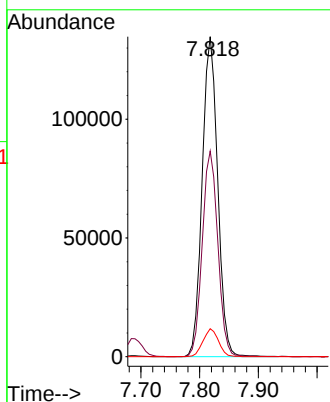
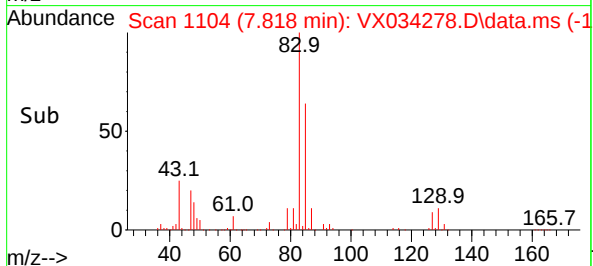
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 24734
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.8 7.0 10.4

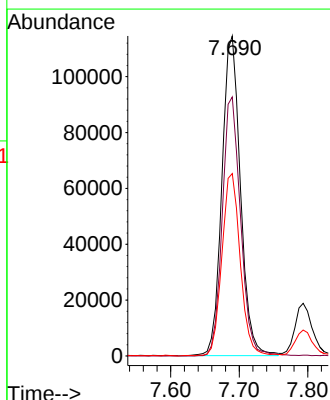
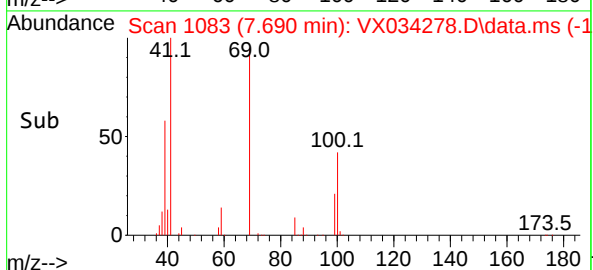
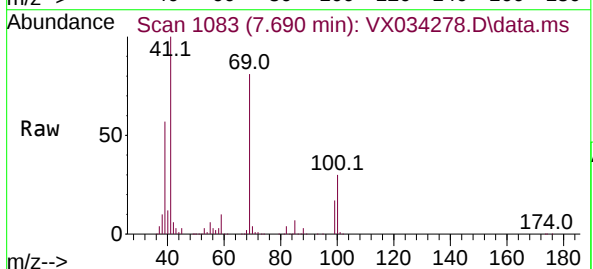
Manual Integrations
APPROVED

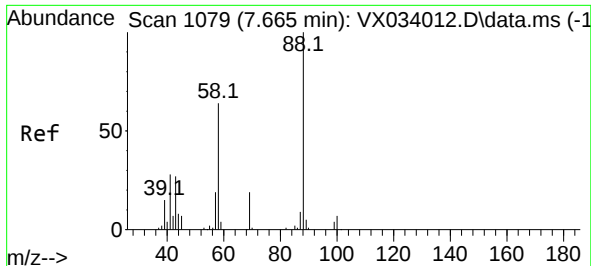
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Methyl methacrylate
Concen: 49.298 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

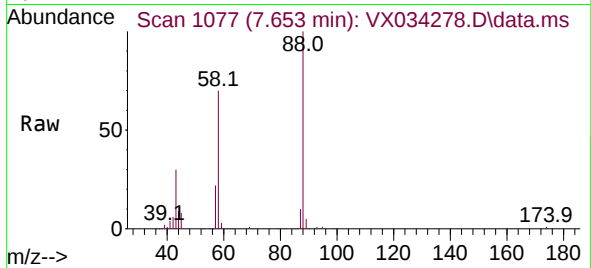
Tgt Ion: 41 Resp: 214712
Ion Ratio Lower Upper
41 100
69 80.0 63.1 94.7
39 56.9 43.2 64.8





#49
1,4-Dioxane
Concen: 1014.794 ug/l
RT: 7.653 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

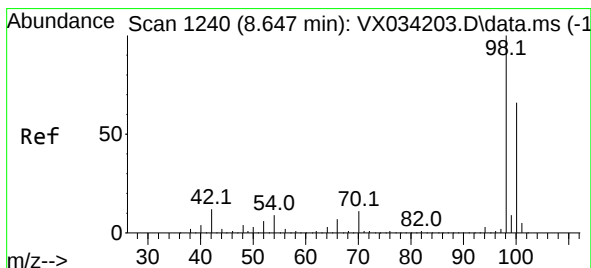
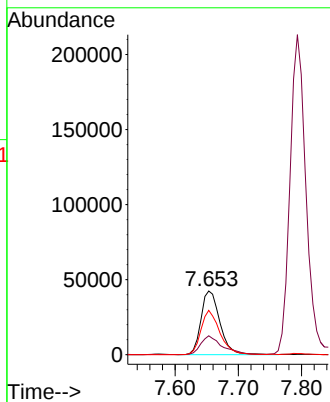
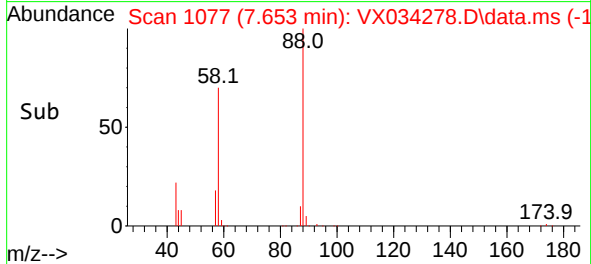
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 8815
Ion Ratio Lower Upper
88 100
43 32.9 0.0 0.0
58 69.7 56.5 84.7

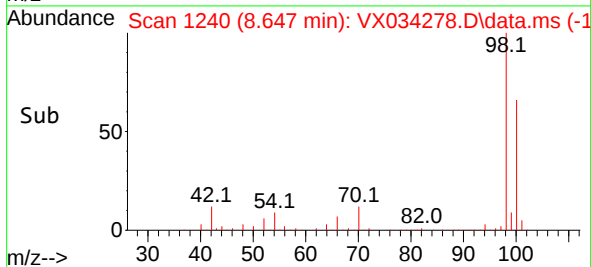
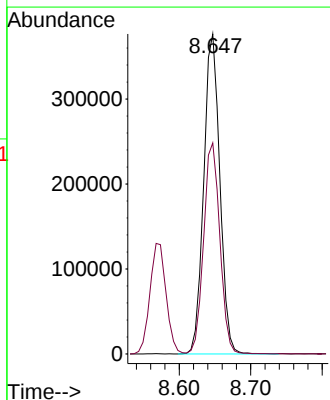
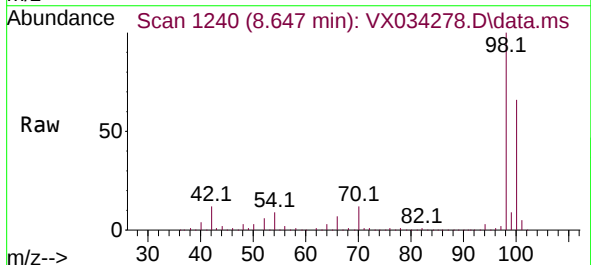
Manual Integrations
APPROVED

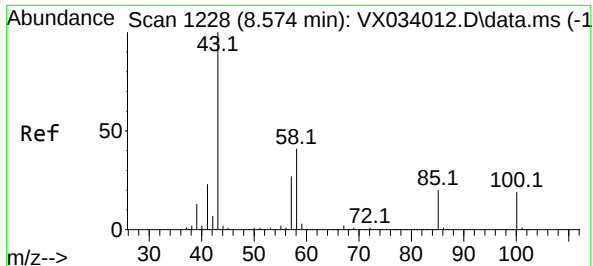
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#50
Toluene-d8
Concen: 52.136 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 98 Resp: 588920
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 270.323 ug/l
RT: 8.568 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

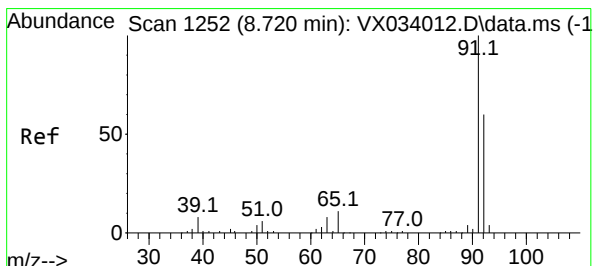
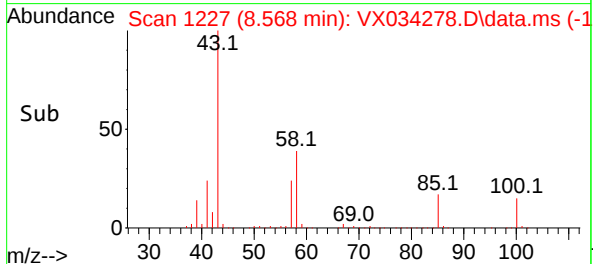
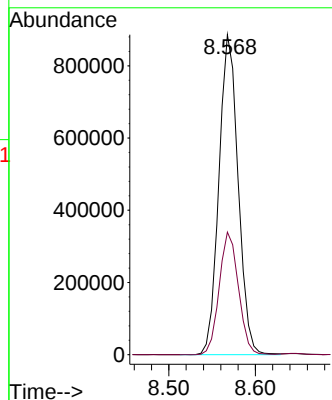
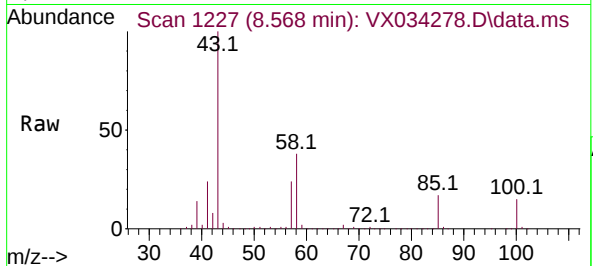
VSTDCCC050EC

Tgt Ion: 43 Resp: 136475
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8

Manual Integrations

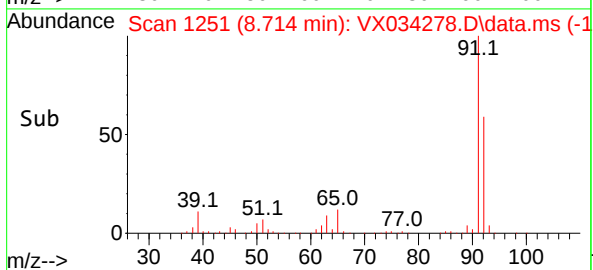
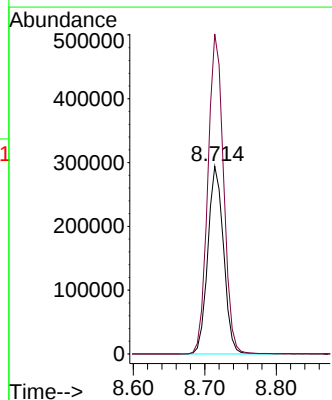
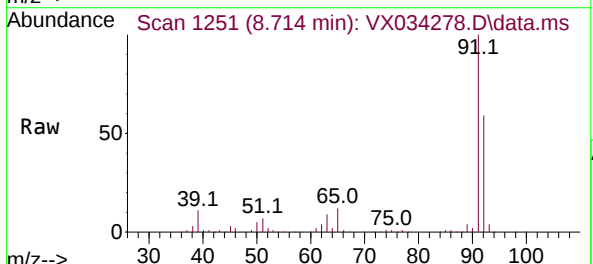
APPROVED

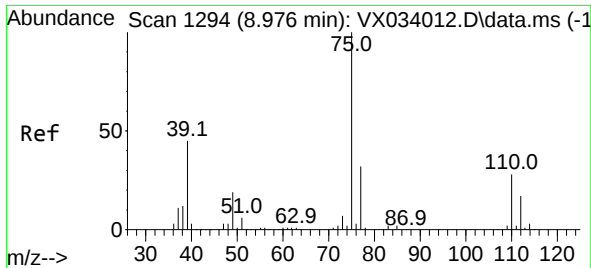
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#52
Toluene
Concen: 53.761 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 92 Resp: 449170
Ion Ratio Lower Upper
92 100
91 170.7 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.886 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 296088

Ion Ratio Lower Upper

75 100

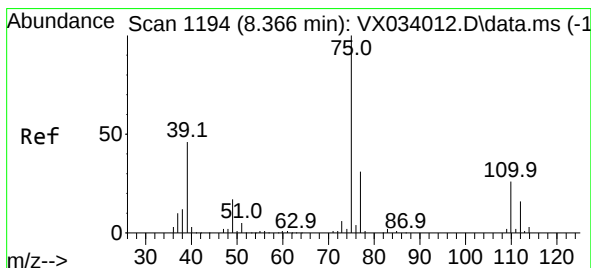
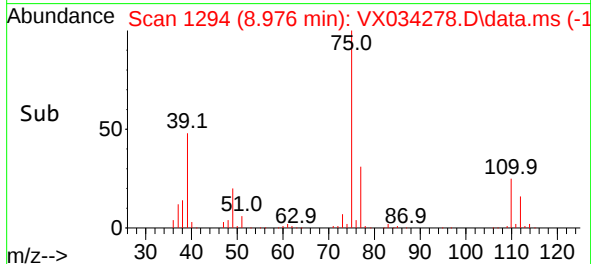
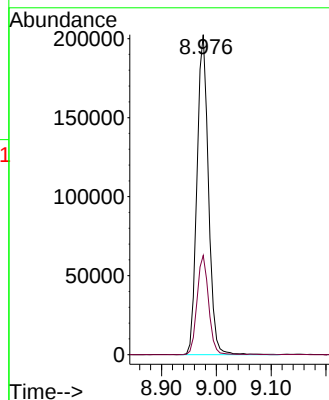
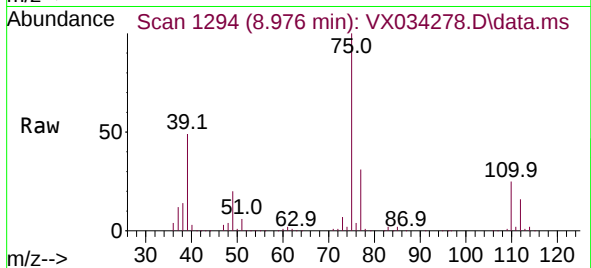
77 31.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#54

cis-1,3-Dichloropropene

Concen: 50.007 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

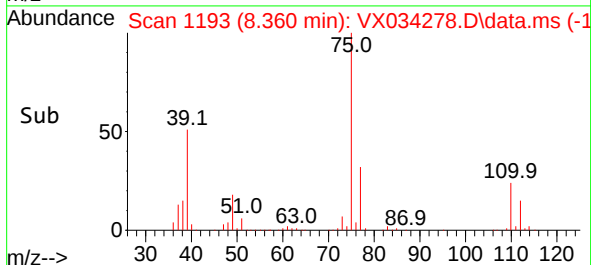
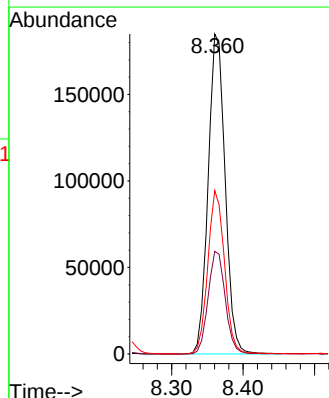
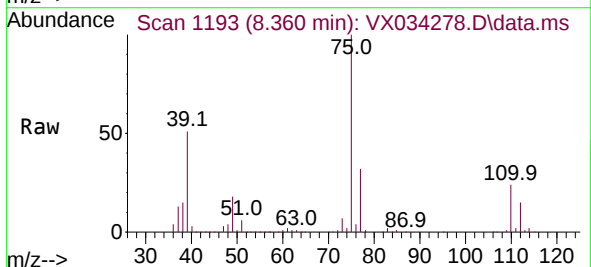
Tgt Ion: 75 Resp: 305501

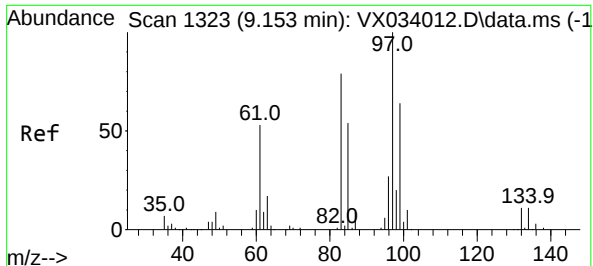
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 51.1 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 54.909 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX034278.D

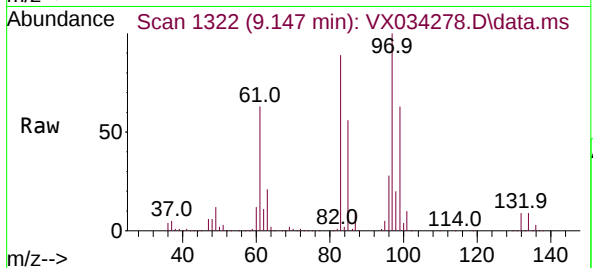
Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 18517

Ion Ratio Lower Upper

97 100

83 89.3 67.4 101.0

85 56.0 43.2 64.8

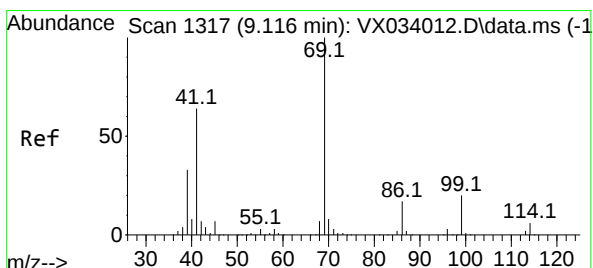
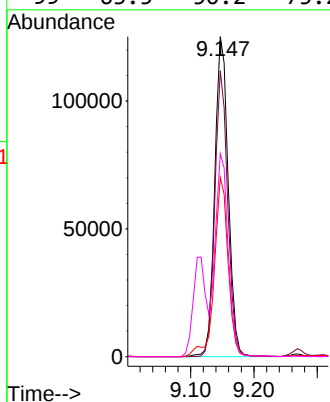
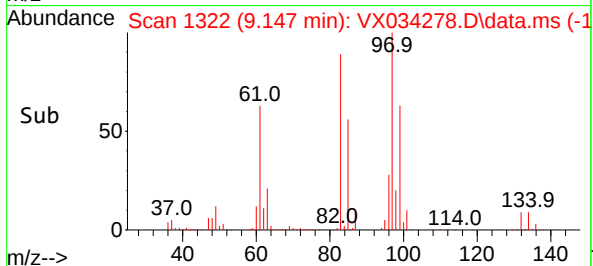
99 63.5 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#56

Ethyl methacrylate

Concen: 52.636 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

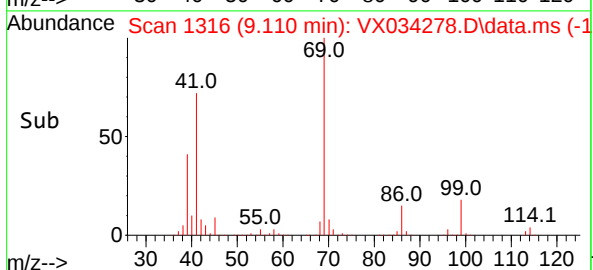
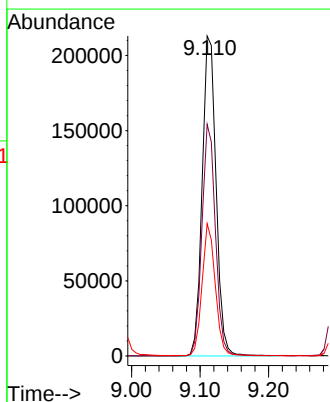
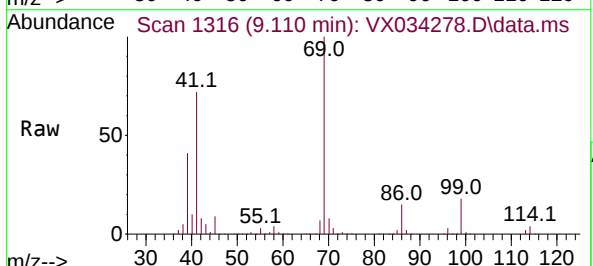
Tgt Ion: 69 Resp: 300286

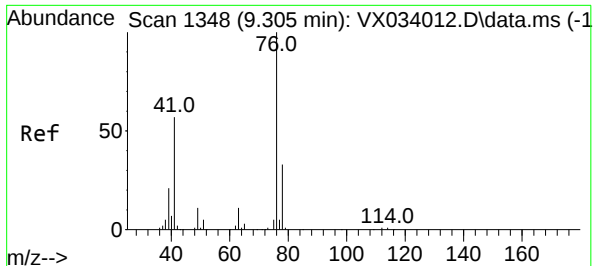
Ion Ratio Lower Upper

69 100

41 70.8 55.1 82.7

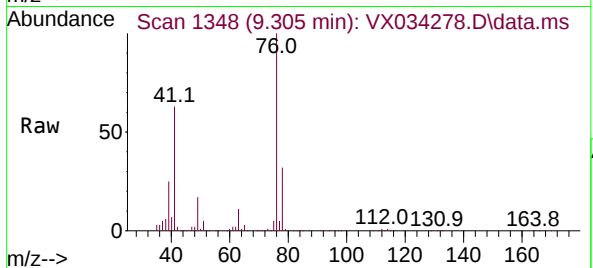
39 39.3 28.5 42.7





#57
1,3-Dichloropropane
Concen: 53.322 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

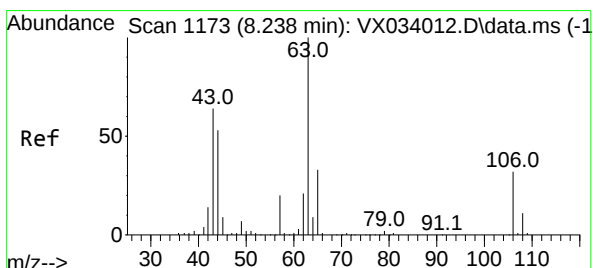
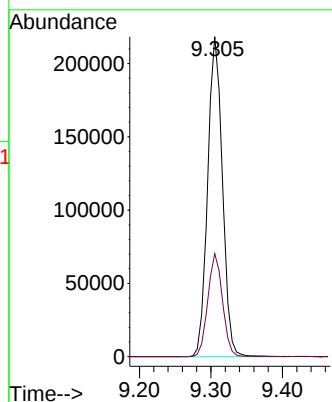
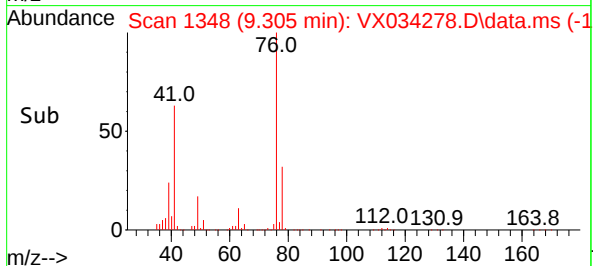
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



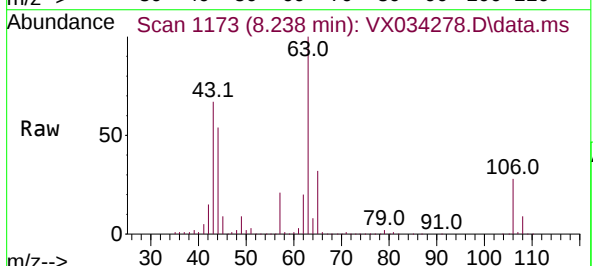
Tgt Ion: 76 Resp: 312860
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

Manual Integrations
APPROVED

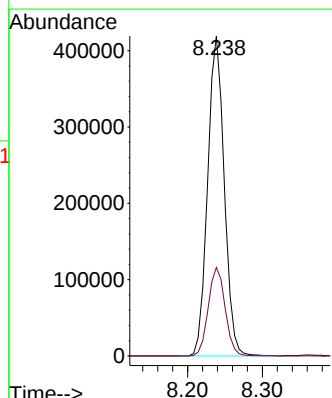
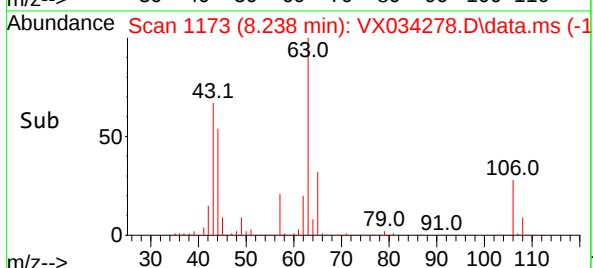
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

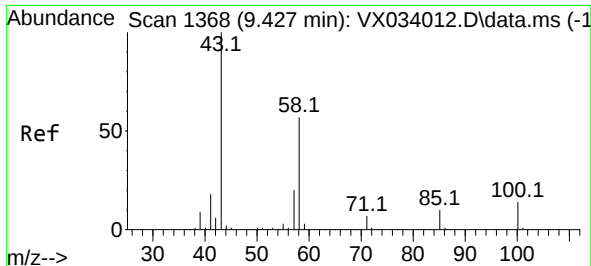


#58
2-Chloroethyl Vinyl ether
Concen: 261.282 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26



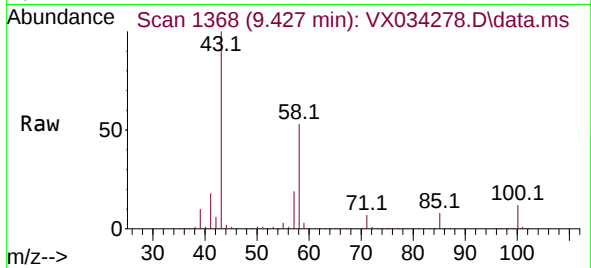
Tgt Ion: 63 Resp: 645716
Ion Ratio Lower Upper
63 100
106 28.1 24.5 36.7





#59
2-Hexanone
Concen: 267.605 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

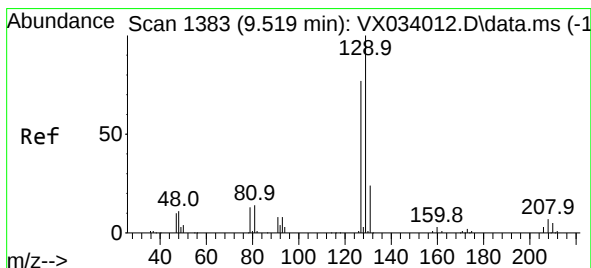
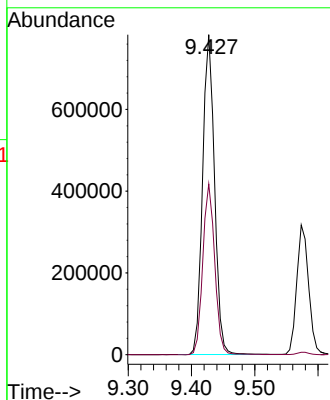
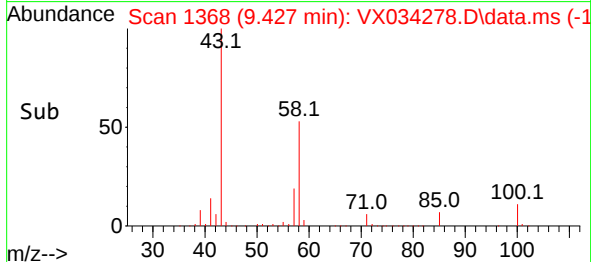
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 102962
Ion Ratio Lower Upper
43 100
58 53.4 27.4 82.0

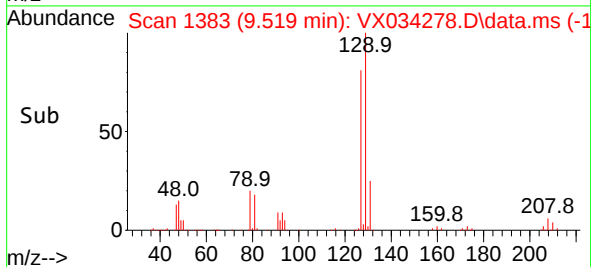
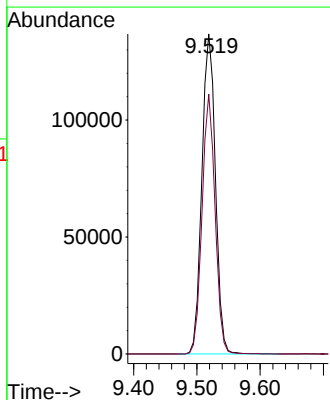
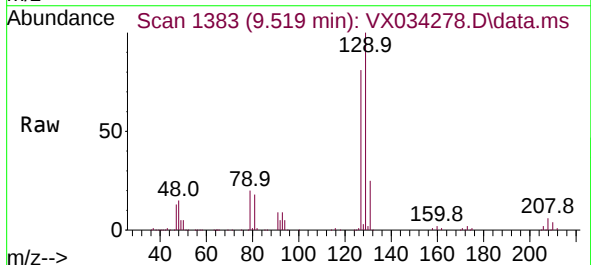
Manual Integrations
APPROVED

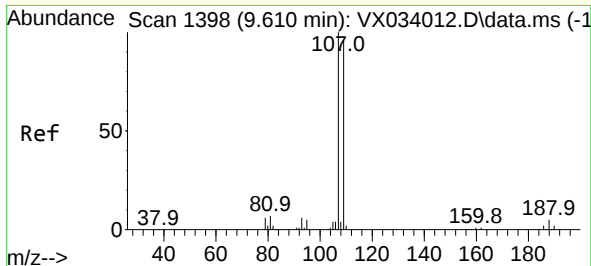
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
Dibromochloromethane
Concen: 54.741 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion:129 Resp: 203980
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 53.890 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

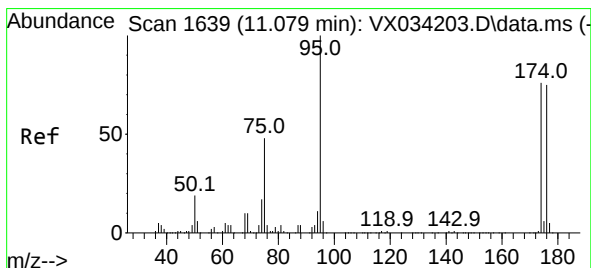
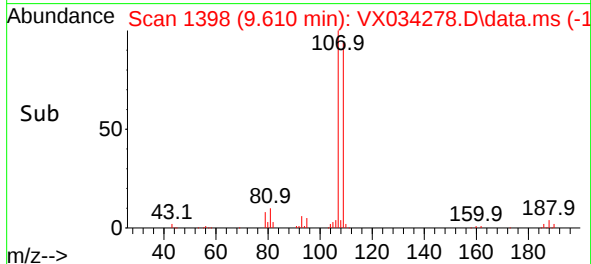
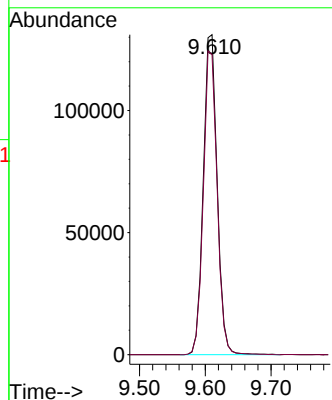
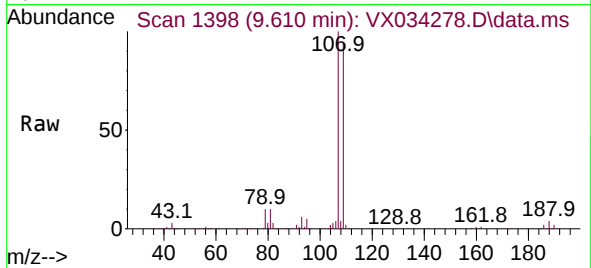
VSTDCCC050EC

Tgt Ion:107 Resp: 192200
Ion Ratio Lower Upper
107 100
109 94.6 74.2 111.2

Manual Integrations

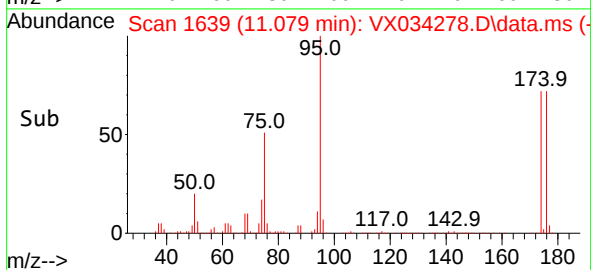
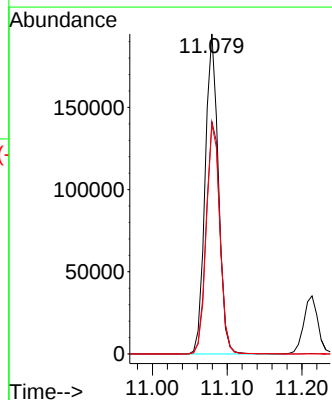
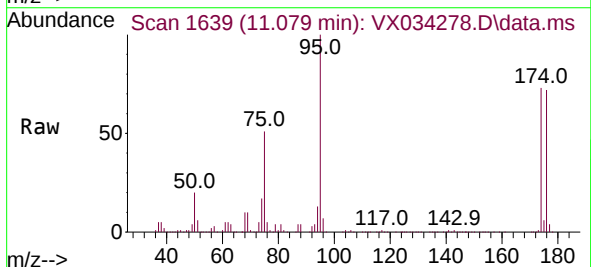
APPROVED

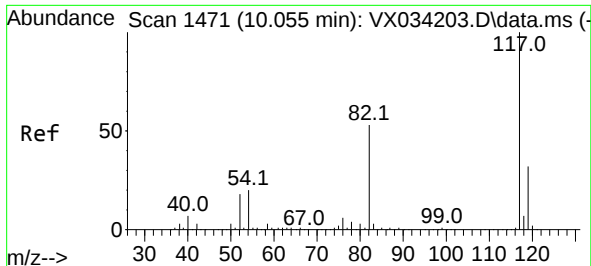
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#62
4-Bromofluorobenzene
Concen: 55.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

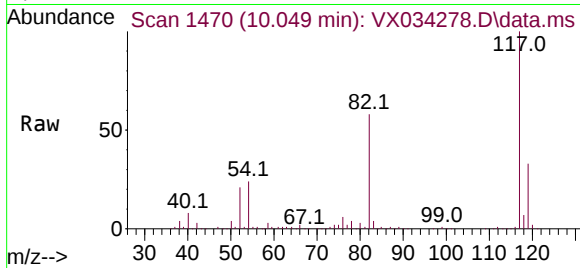
Tgt Ion: 95 Resp: 238917
Ion Ratio Lower Upper
95 100
174 75.6 0.0 184.4
176 73.4 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

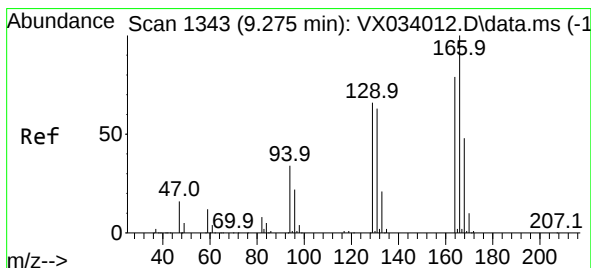
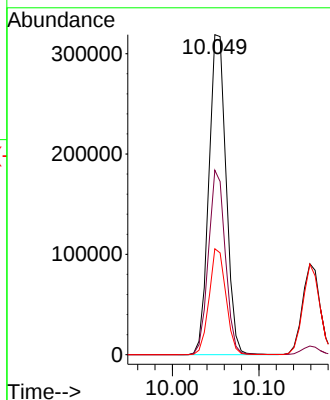
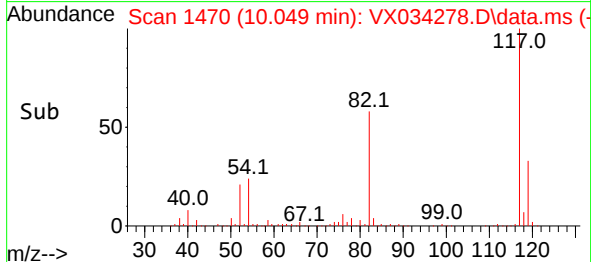
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 441083
Ion Ratio Lower Upper
117 100
82 57.6 40.6 60.8
119 33.1 25.6 38.4

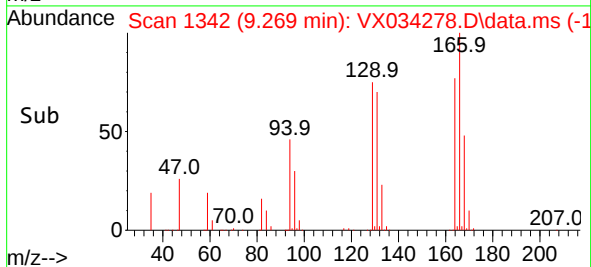
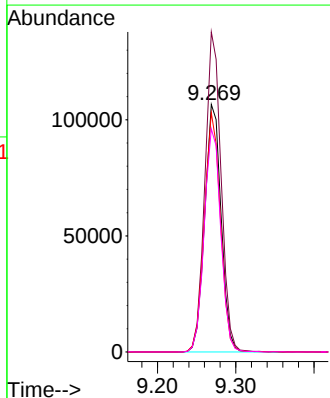
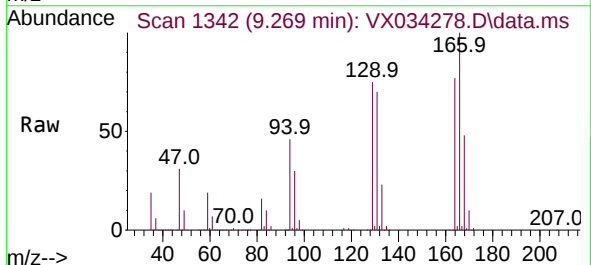
Manual Integrations
APPROVED

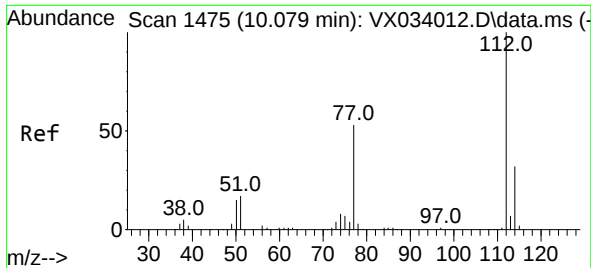
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#64
Tetrachloroethene
Concen: 49.730 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

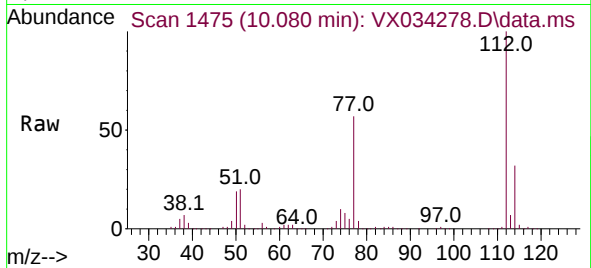
Tgt Ion:164 Resp: 154813
Ion Ratio Lower Upper
164 100
166 129.3 100.2 150.2
129 96.7 69.2 103.8
131 90.1 67.2 100.8





#65
Chlorobenzene
Concen: 52.620 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

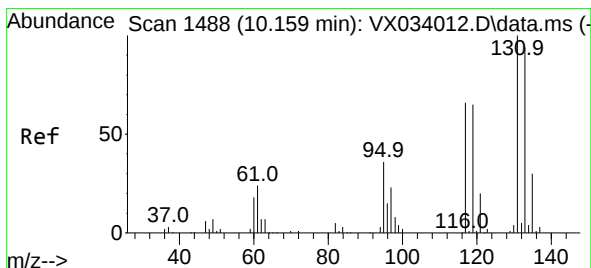
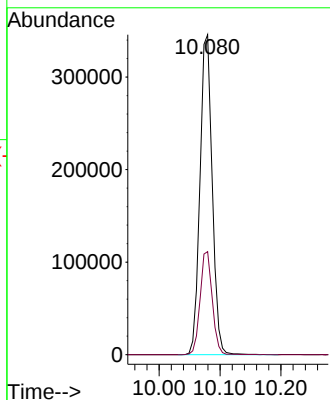
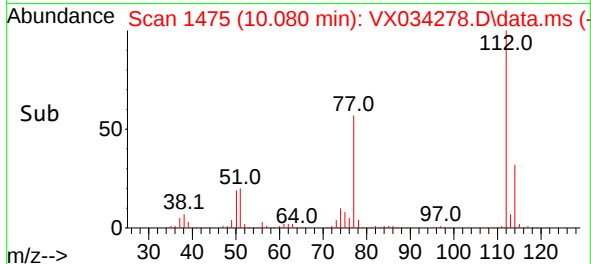
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



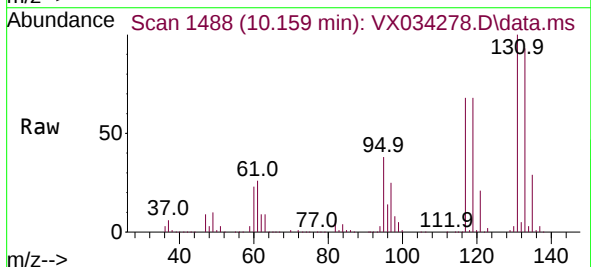
Tgt Ion:112 Resp: 483812
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4

Manual Integrations
APPROVED

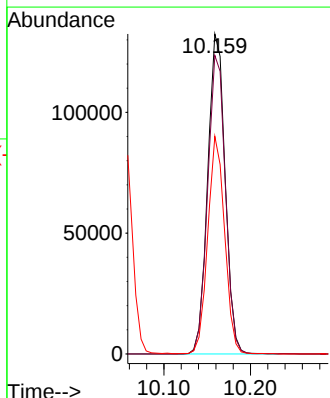
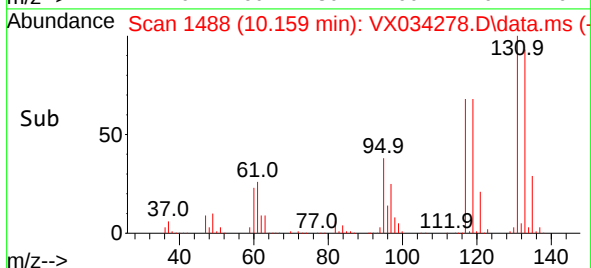
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

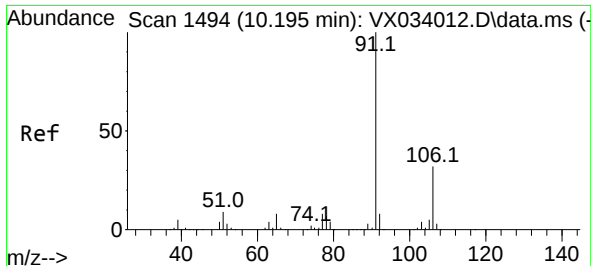


#66
1,1,1,2-Tetrachloroethane
Concen: 52.065 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26



Tgt Ion:131 Resp: 185318
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.0
119 66.0 31.9 95.7





#67

Ethyl Benzene

Concen: 52.761 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX034278.D

Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 871507

Ion Ratio Lower Upper

91 100

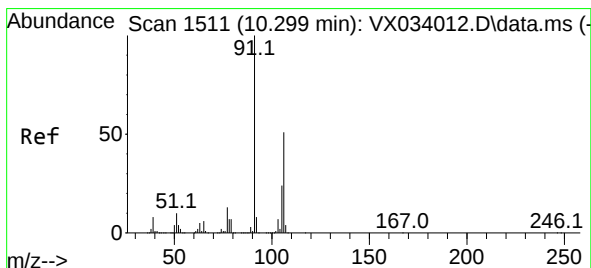
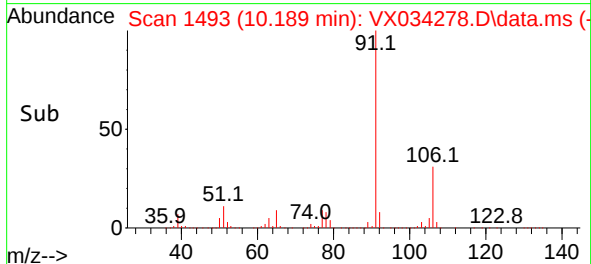
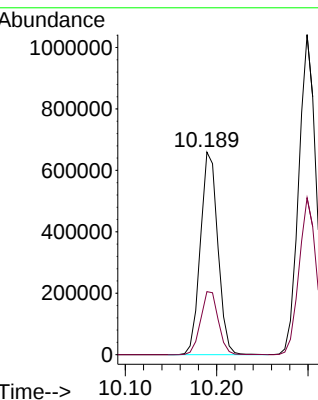
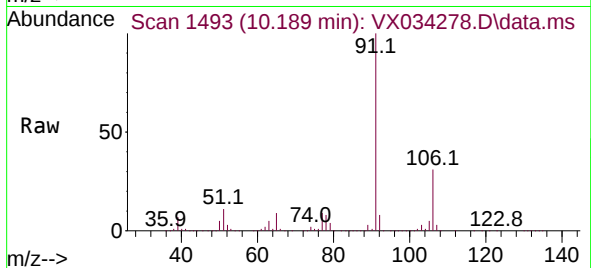
106 31.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#68

m/p-Xylenes

Concen: 106.438 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034278.D

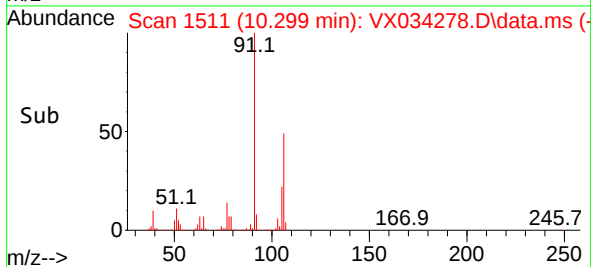
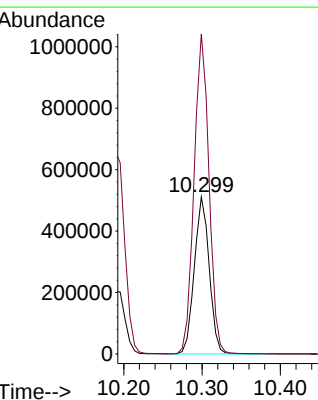
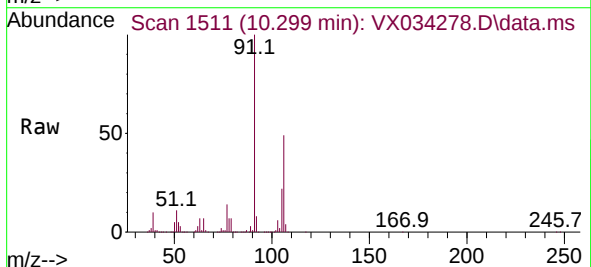
Acq: 27 Feb 2023 16:26

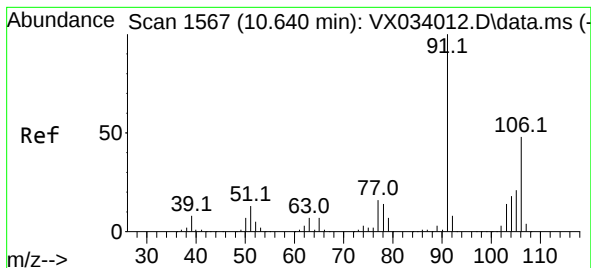
Tgt Ion:106 Resp: 672824

Ion Ratio Lower Upper

106 100

91 204.3 156.4 234.6





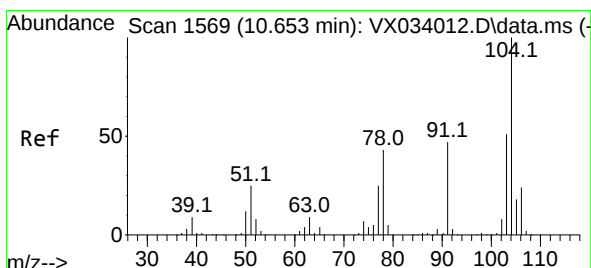
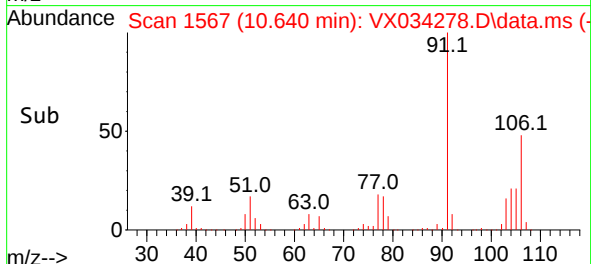
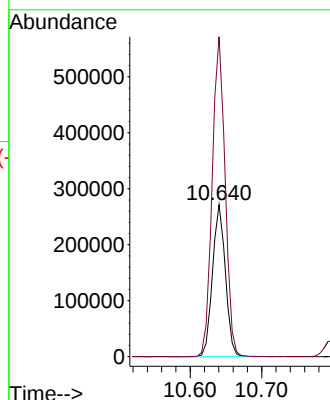
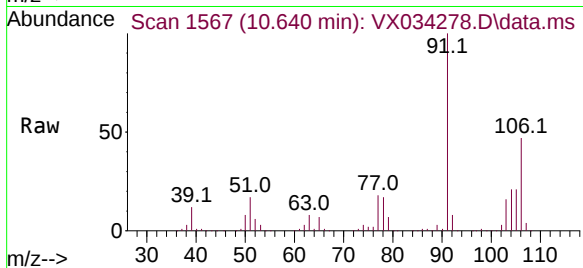
#69
o-Xylene
Concen: 53.924 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 339348
Ion Ratio Lower Upper
106 100
91 211.3 103.1 309.3

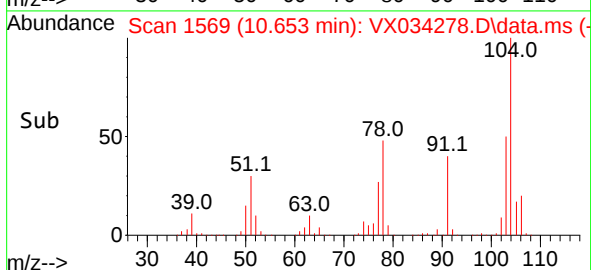
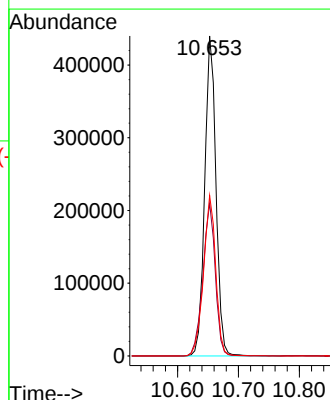
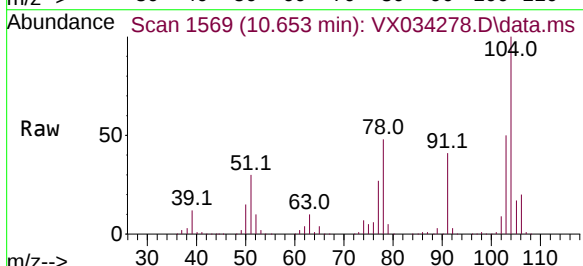
Manual Integrations
APPROVED

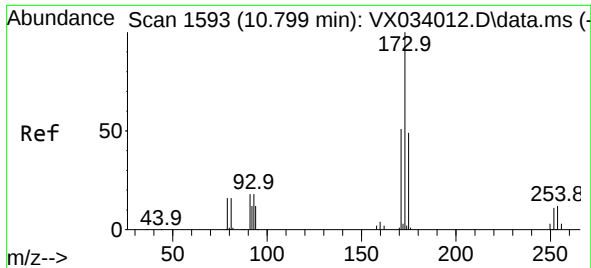
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
Styrene
Concen: 55.358 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

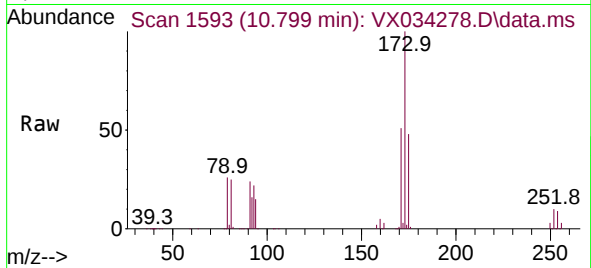
Tgt Ion:104 Resp: 566593
Ion Ratio Lower Upper
104 100
78 52.7 37.5 56.3
103 54.5 43.3 64.9





#71
Bromoform
Concen: 52.710 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

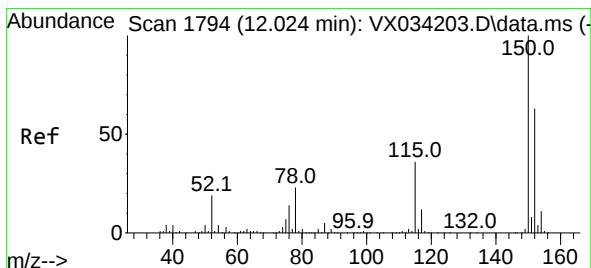
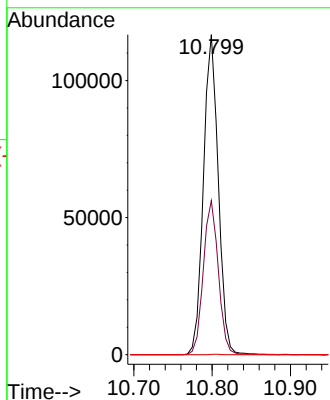
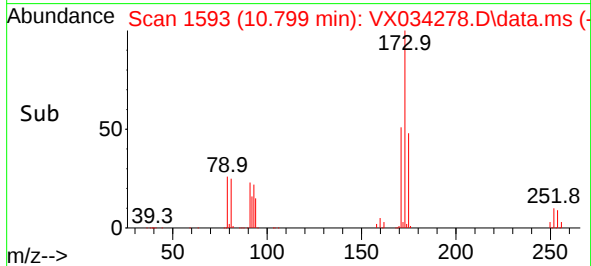
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



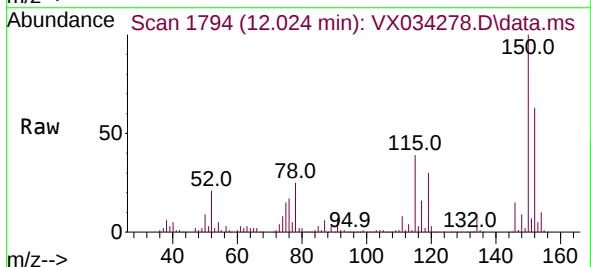
Tgt Ion:173 Resp: 15314
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

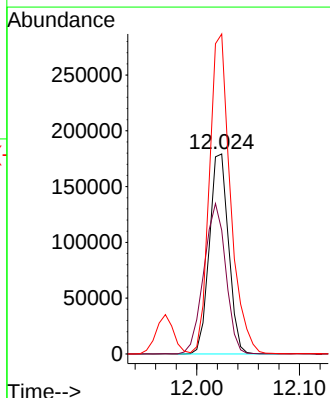
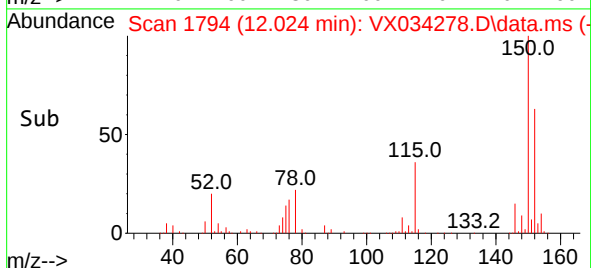
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

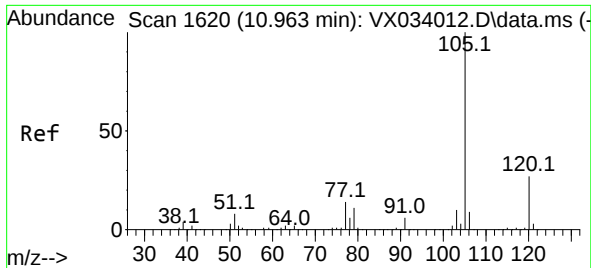


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26



Tgt Ion:152 Resp: 232501
Ion Ratio Lower Upper
152 100
115 86.4 38.7 116.1
150 175.5 0.0 348.2





#73
Isopropylbenzene
Concen: 50.029 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

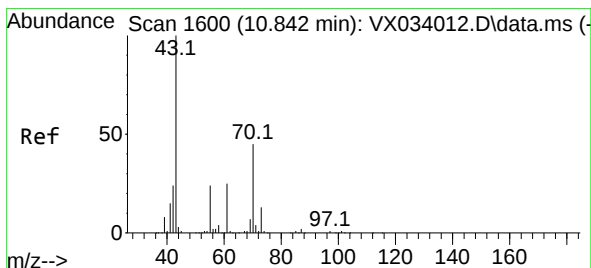
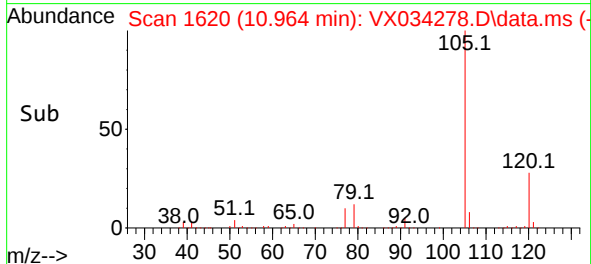
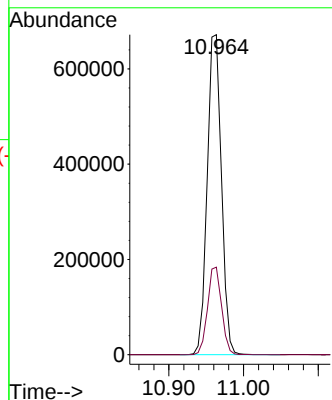
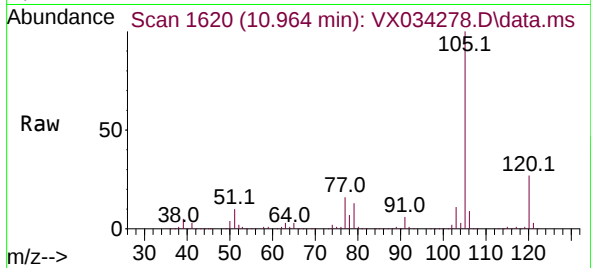
ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 88650
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.8

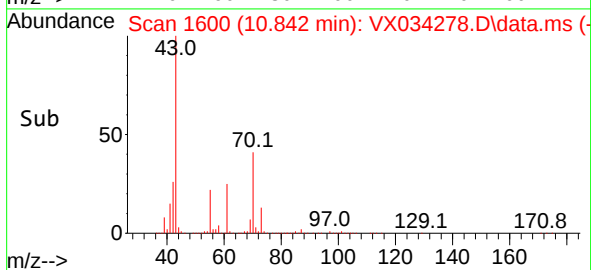
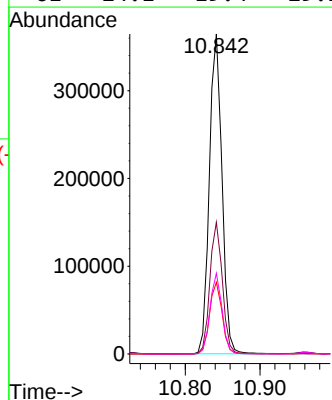
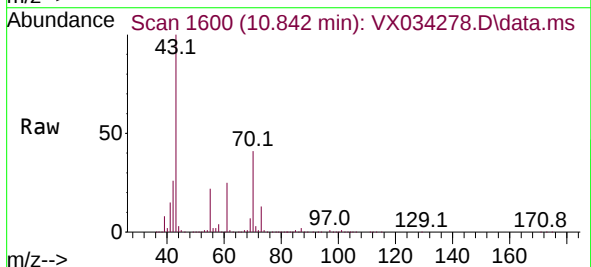
Manual Integrations
APPROVED

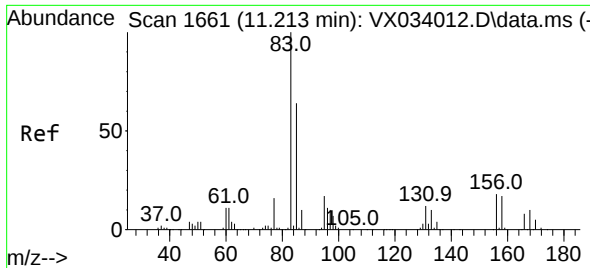
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
N-ethyl acetate
Concen: 48.110 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

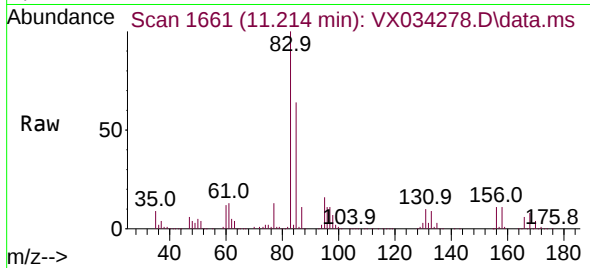
Tgt Ion: 43 Resp: 428276
Ion Ratio Lower Upper
43 100
70 40.8 34.8 52.2
55 22.4 19.4 29.0
61 24.1 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.816 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

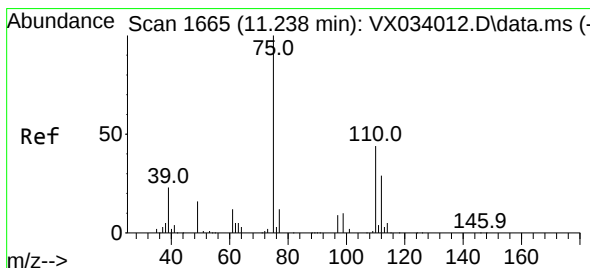
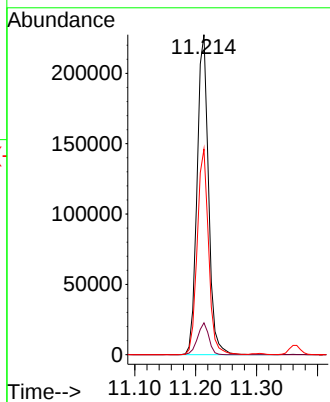
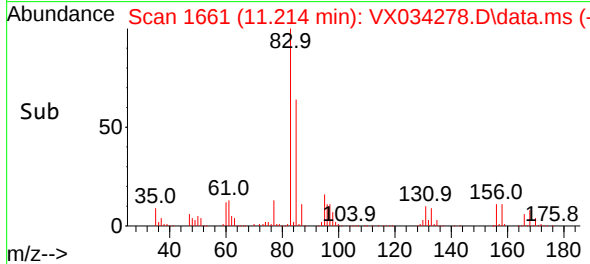
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 29585
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.7
85 64.0 32.3 96.9

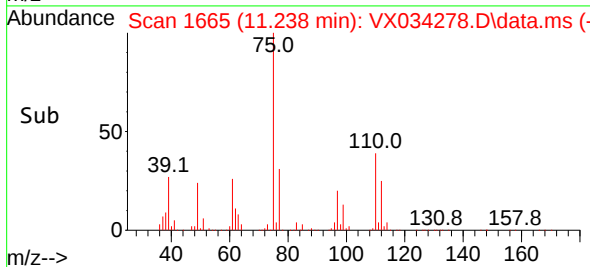
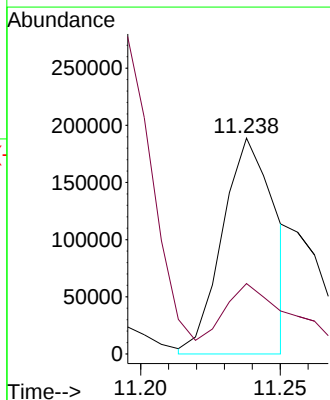
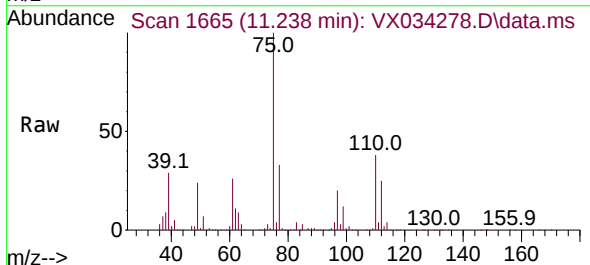
Manual Integrations
APPROVED

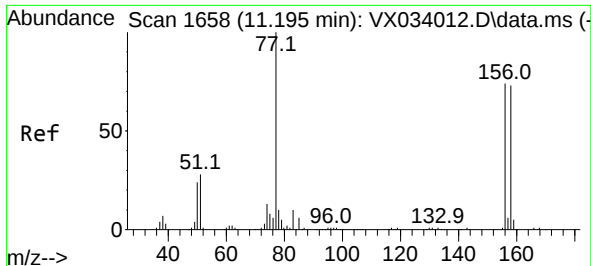
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#76
1,2,3-Trichloropropane
Concen: 42.216 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

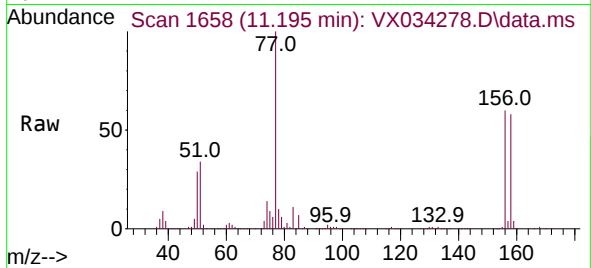
Tgt Ion: 75 Resp: 246977
Ion Ratio Lower Upper
75 100
77 43.9 21.8 65.4





#77
Bromobenzene
Concen: 49.777 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

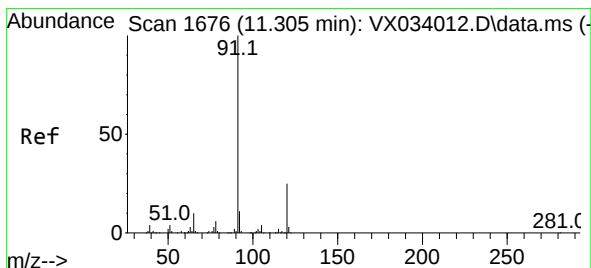
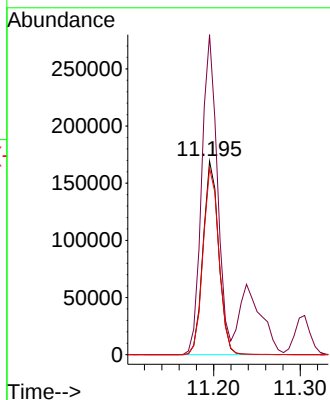
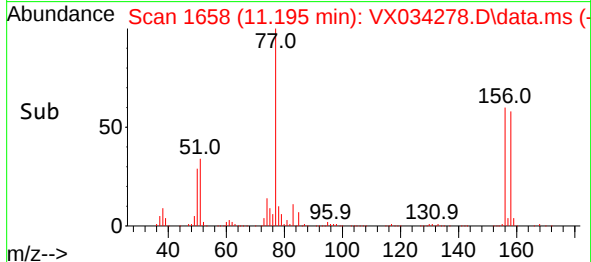
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



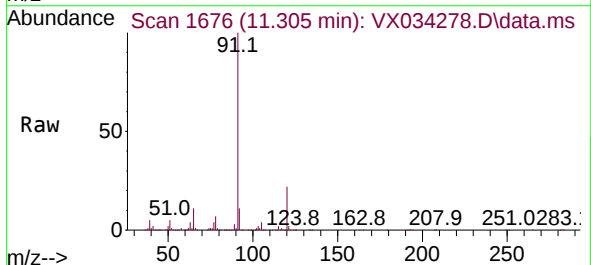
Tgt Ion:156 Resp: 21225
Ion Ratio Lower Upper
156 100
77 166.1 68.1 204.3
158 97.7 48.0 144.2

Manual Integrations
APPROVED

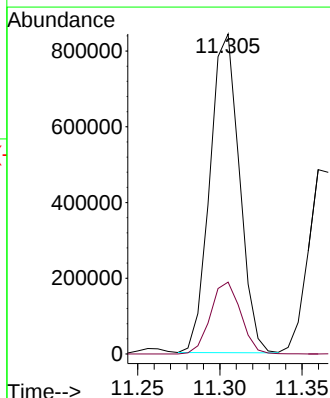
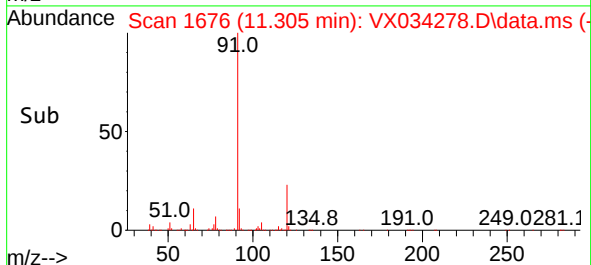
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

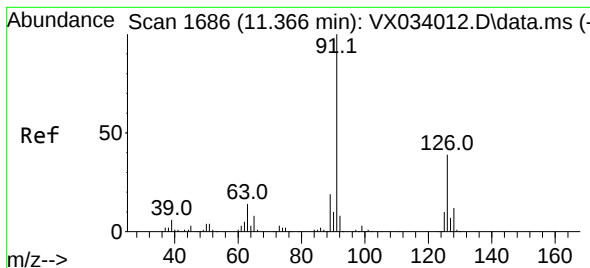


#78
n-propylbenzene
Concen: 51.106 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26



Tgt Ion: 91 Resp: 1053195
Ion Ratio Lower Upper
91 100
120 23.1 12.3 36.8





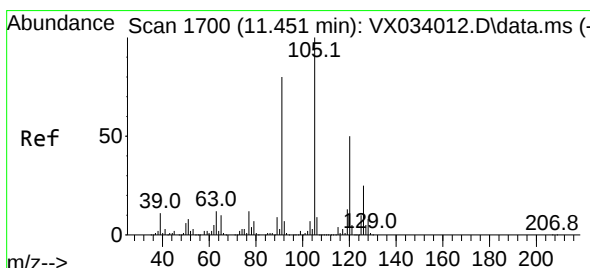
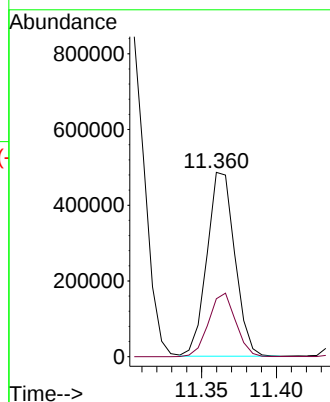
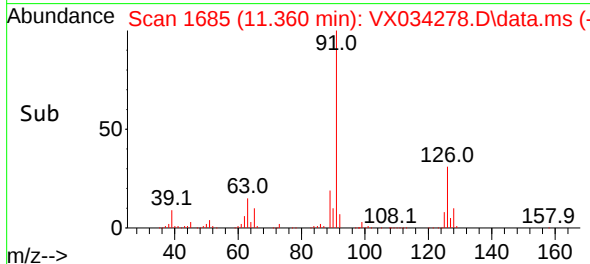
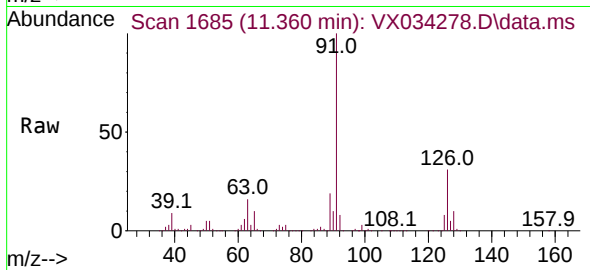
#79
2-Chlorotoluene
Concen: 49.815 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 62948
Ion Ratio Lower Upper
91 100
126 33.6 18.1 54.1

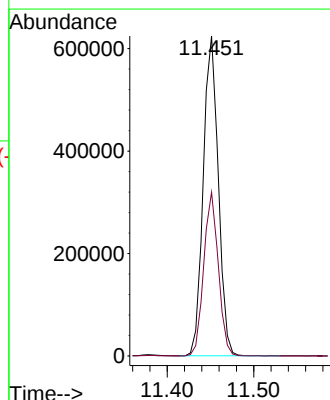
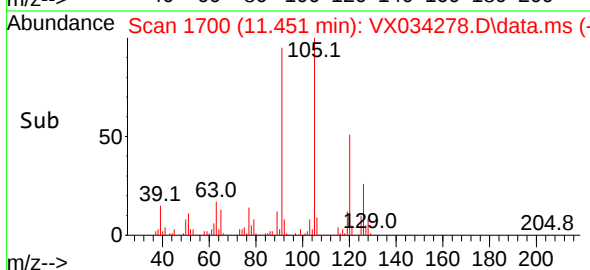
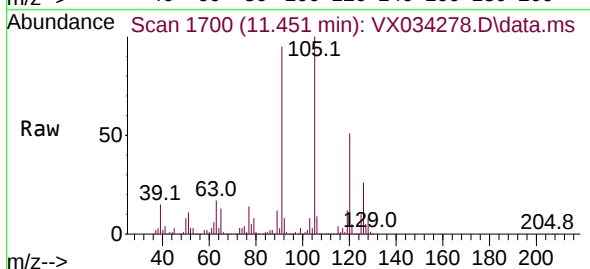
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.526 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

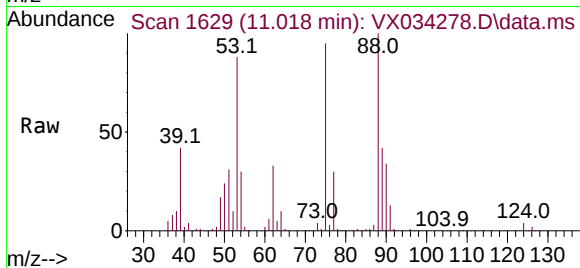
Tgt Ion:105 Resp: 752725
Ion Ratio Lower Upper
105 100
120 49.7 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.547 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

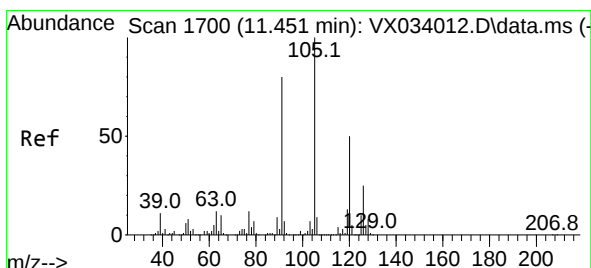
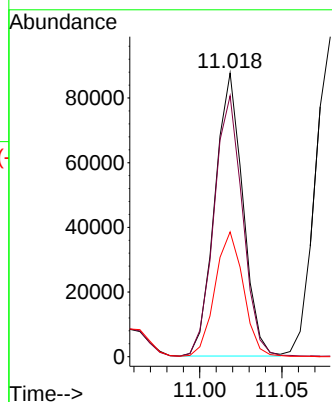
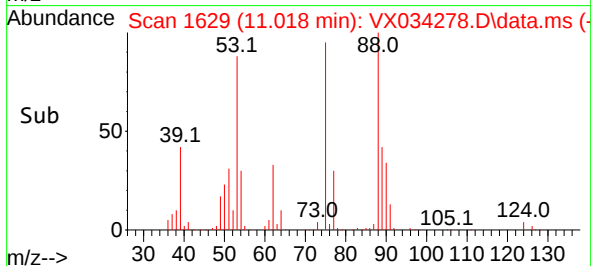
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 10372
Ion Ratio Lower Upper
75 100
53 94.2 83.0 124.6
89 44.8 37.7 56.5

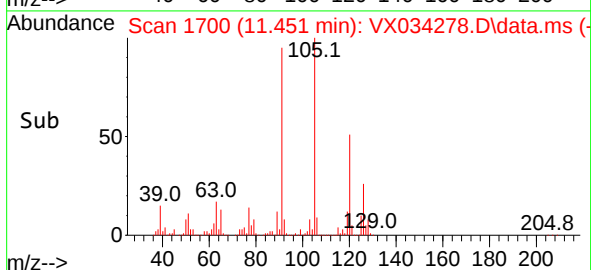
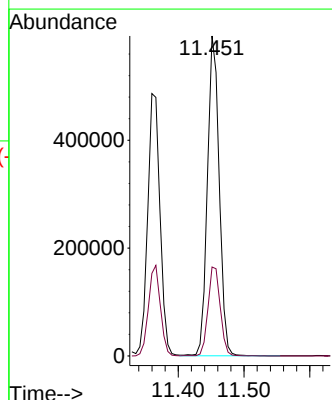
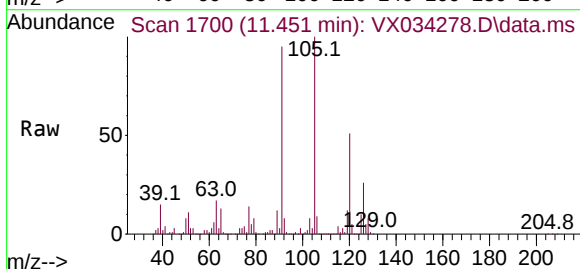
Manual Integrations
APPROVED

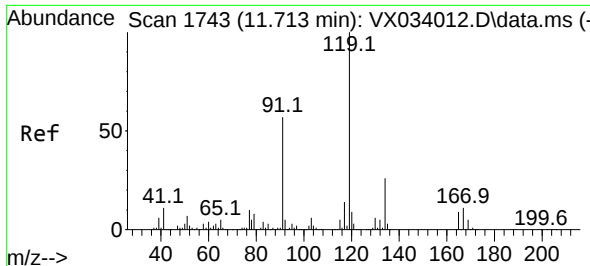
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#82
4-Chlorotoluene
Concen: 51.467 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

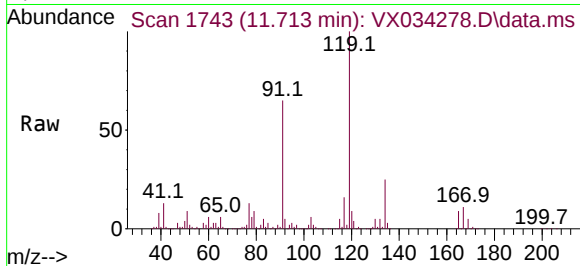
Tgt Ion: 91 Resp: 740746
Ion Ratio Lower Upper
91 100
126 28.8 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.654 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

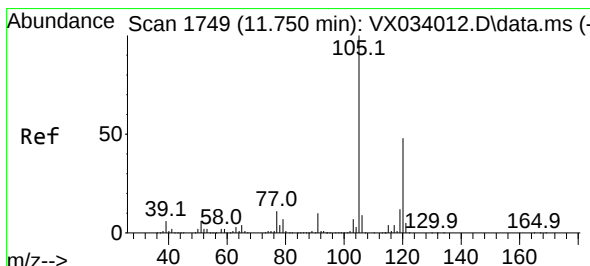
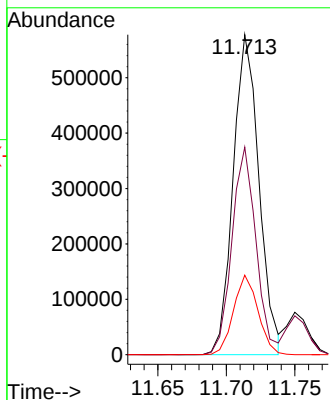
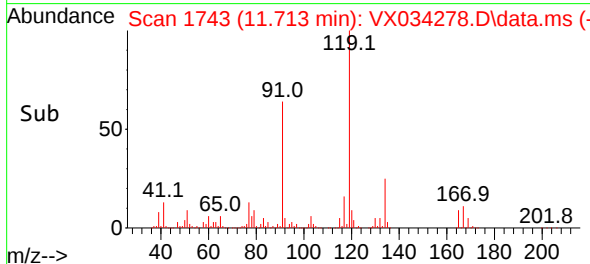
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



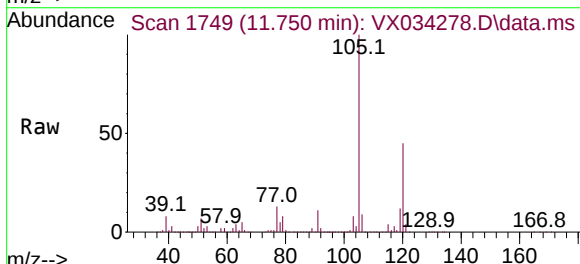
Tgt Ion:119 Resp: 757619
Ion Ratio Lower Upper
119 100
91 60.7 26.9 80.7
134 23.6 12.3 36.8

Manual Integrations
APPROVED

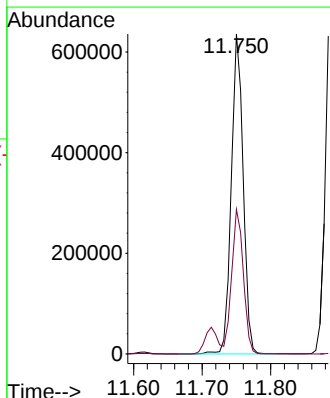
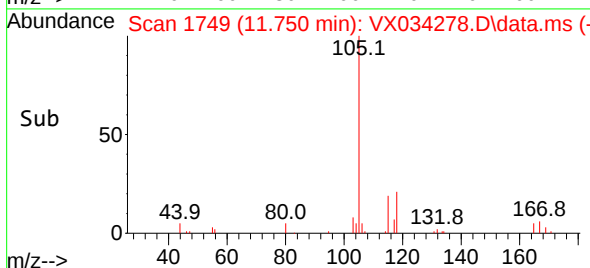
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

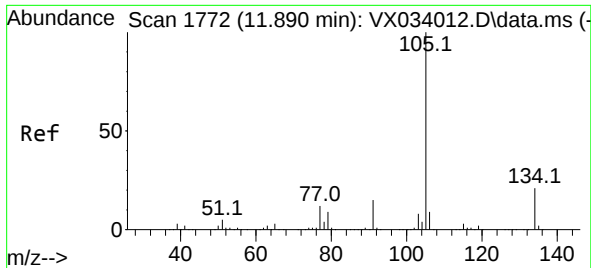


#84
1,2,4-Trimethylbenzene
Concen: 50.844 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26



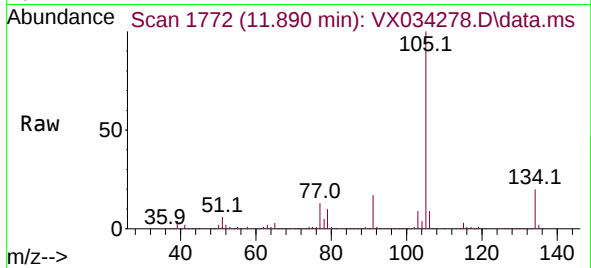
Tgt Ion:105 Resp: 765875
Ion Ratio Lower Upper
105 100
120 44.4 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 52.309 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034278.D
 Acq: 27 Feb 2023 16:26

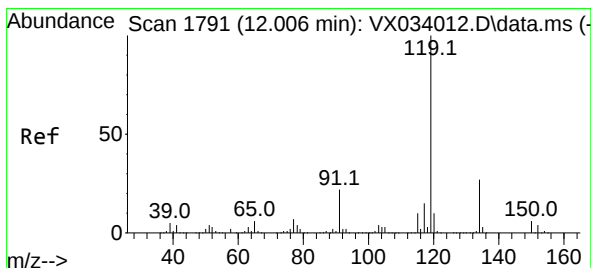
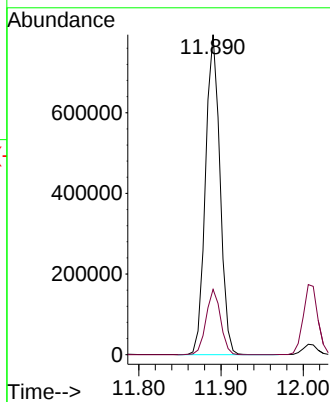
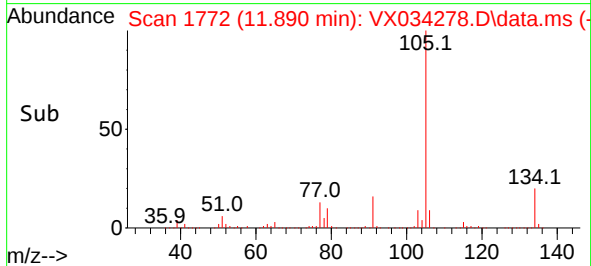
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



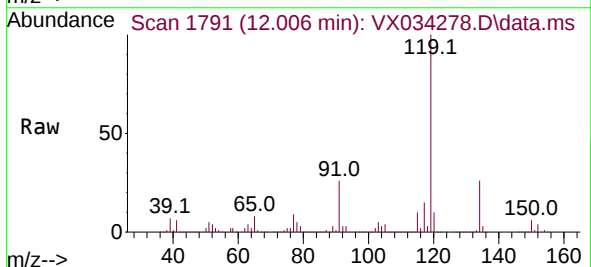
Tgt Ion:105 Resp: 96922
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.8 32.3

Manual Integrations
 APPROVED

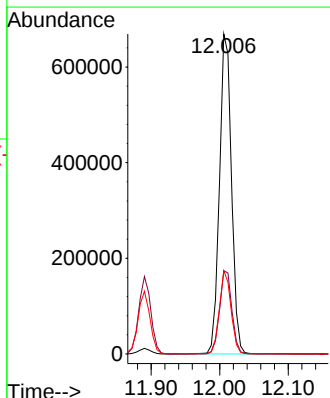
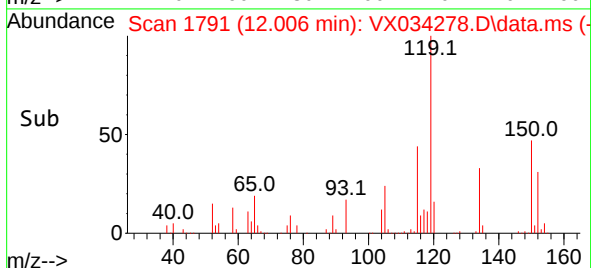
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

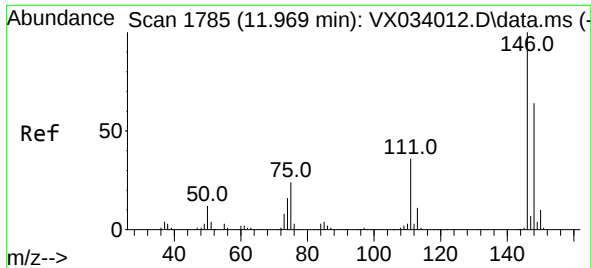


#86
 p-Isopropyltoluene
 Concen: 52.934 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034278.D
 Acq: 27 Feb 2023 16:26



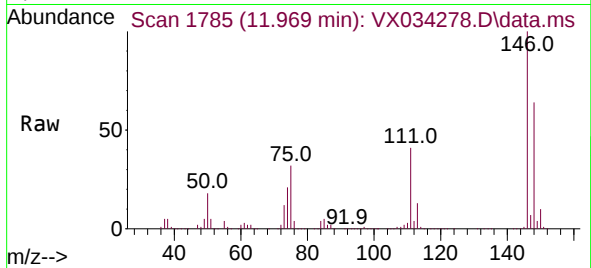
Tgt Ion:119 Resp: 811706
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.8
 91 25.2 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 51.748 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

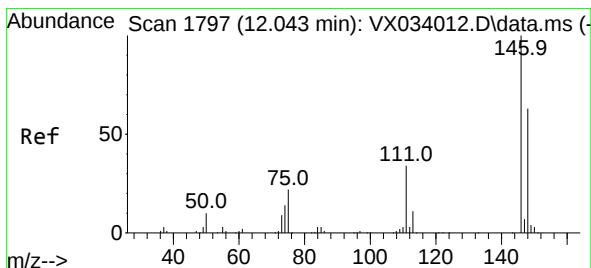
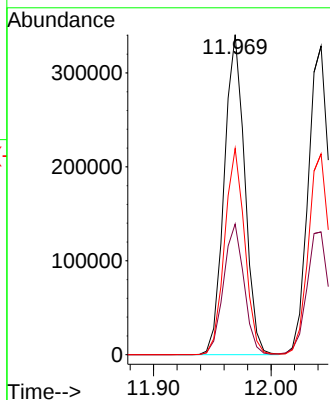
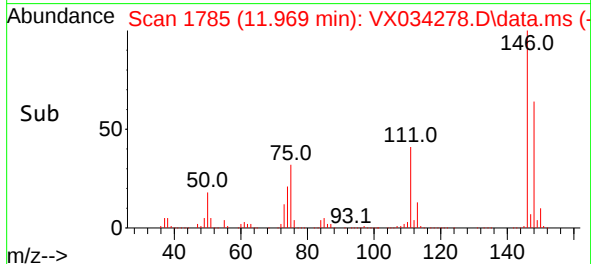
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



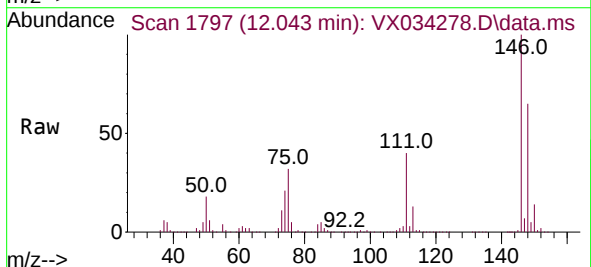
Tgt Ion:146 Resp: 413838
Ion Ratio Lower Upper
146 100
111 40.9 18.6 55.6
148 63.2 31.9 95.5

Manual Integrations
APPROVED

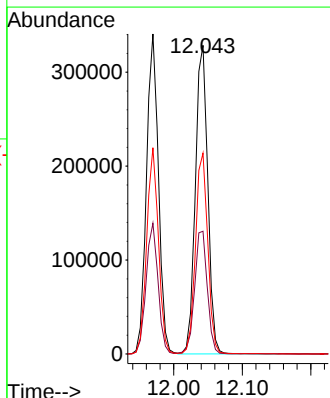
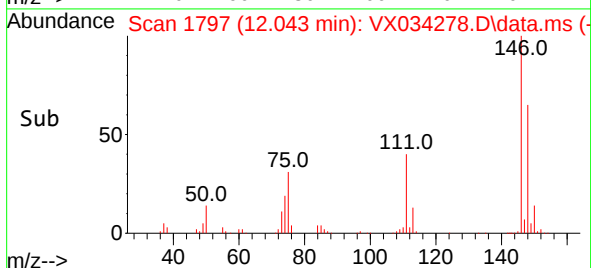
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

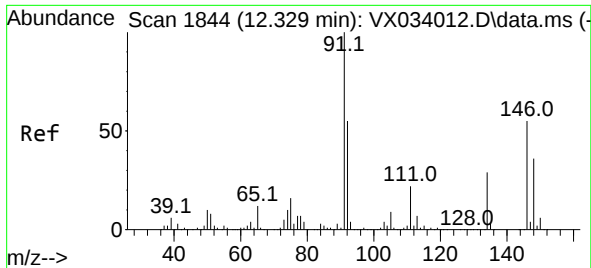


#88
1,4-Dichlorobenzene
Concen: 51.409 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26



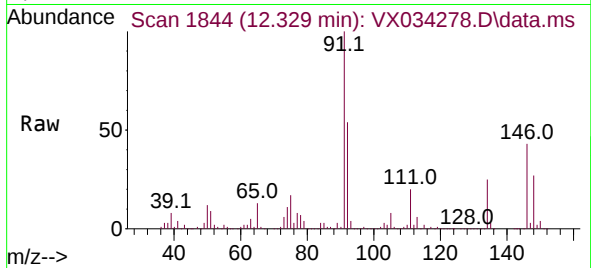
Tgt Ion:146 Resp: 414680
Ion Ratio Lower Upper
146 100
111 40.7 17.8 53.4
148 64.5 32.1 96.3





#89
n-Butylbenzene
Concen: 53.418 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

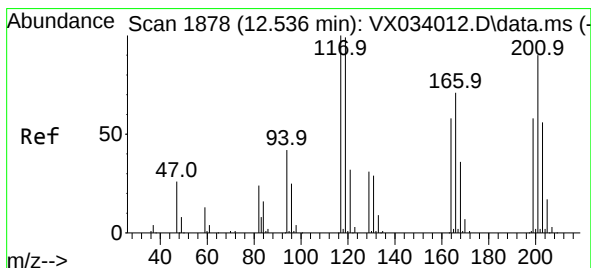
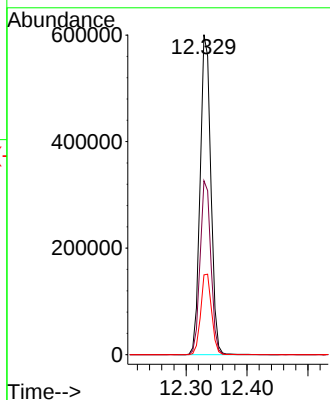
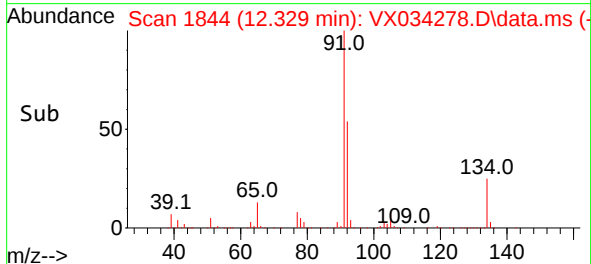
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 729570
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 25.6 14.3 42.9

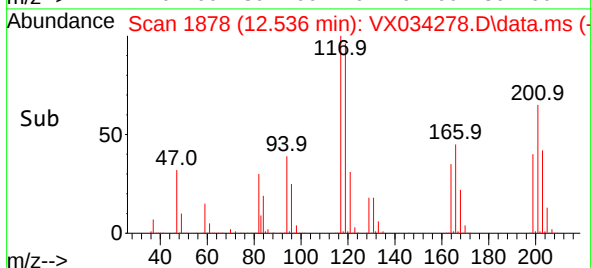
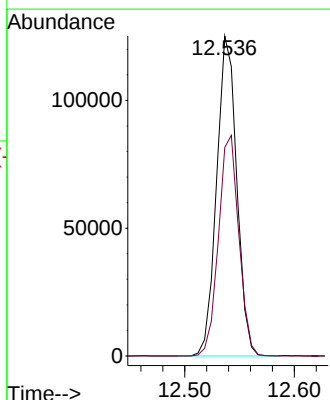
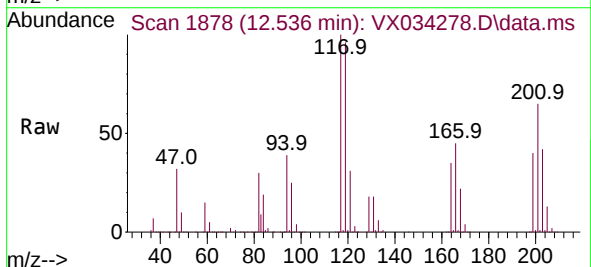
Manual Integrations
APPROVED

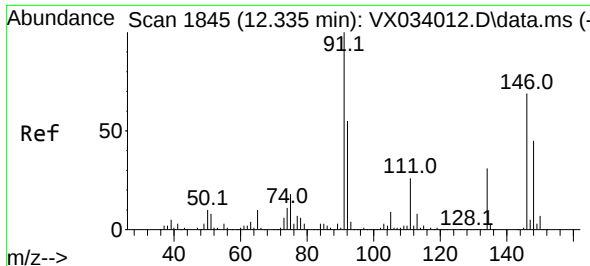
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
Hexachloroethane
Concen: 49.800 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

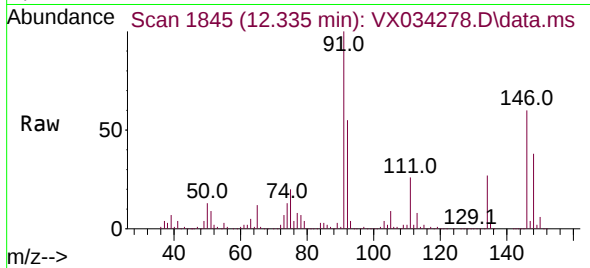
Tgt Ion:117 Resp: 159666
Ion Ratio Lower Upper
117 100
201 69.9 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 51.733 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

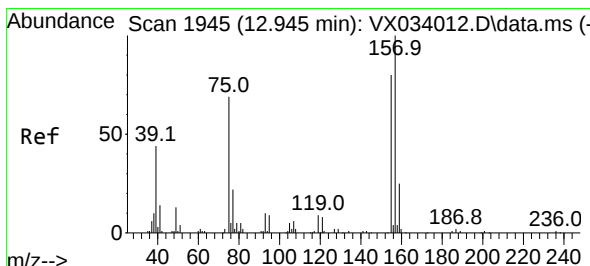
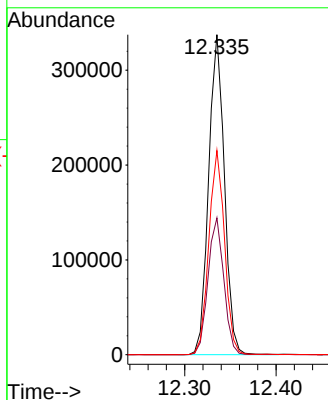
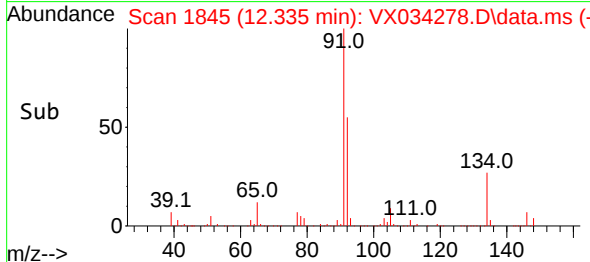
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 404784
Ion Ratio Lower Upper
146 100
111 43.0 19.3 57.8
148 63.6 32.3 96.9

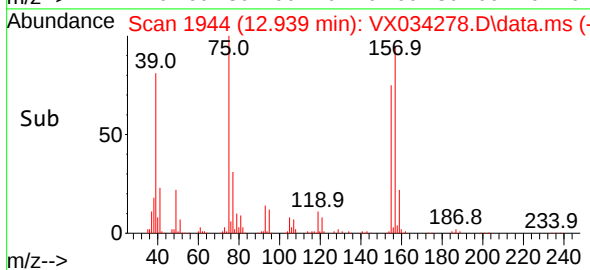
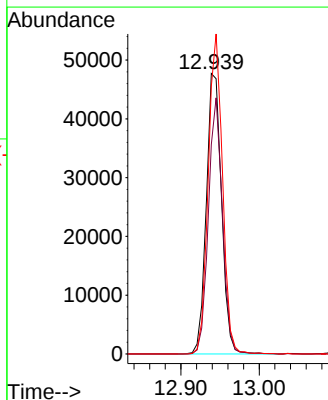
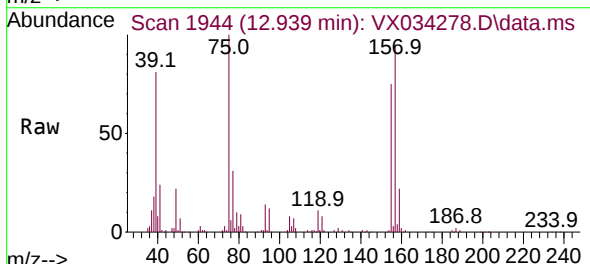
Manual Integrations
APPROVED

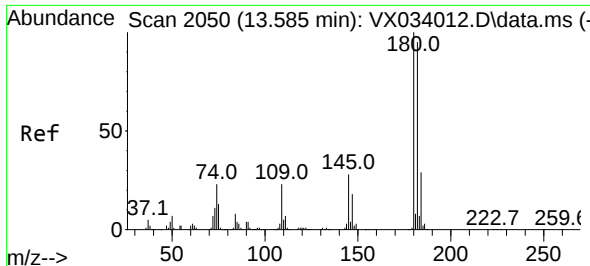
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.477 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion: 75 Resp: 64280
Ion Ratio Lower Upper
75 100
155 84.2 51.7 155.1
157 107.1 67.5 202.3





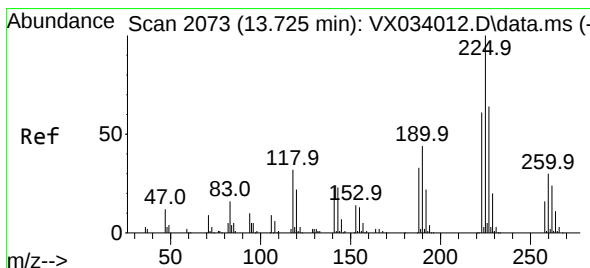
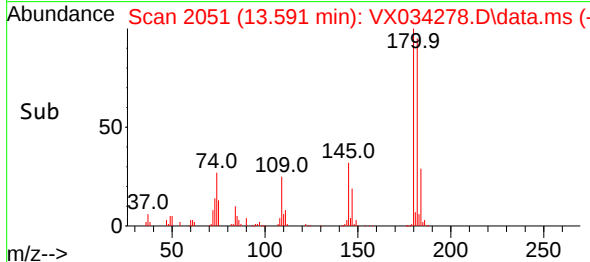
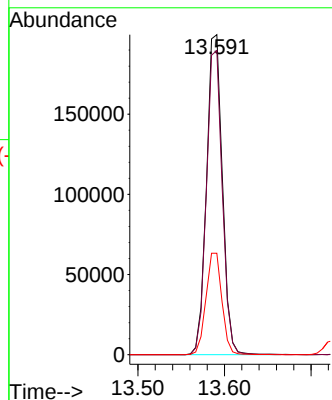
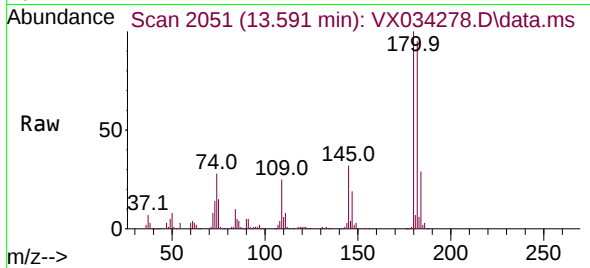
#93
1,2,4-Trichlorobenzene
Concen: 50.580 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 254088
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 31.9 14.1 42.2

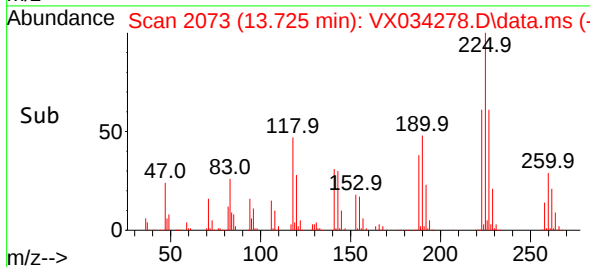
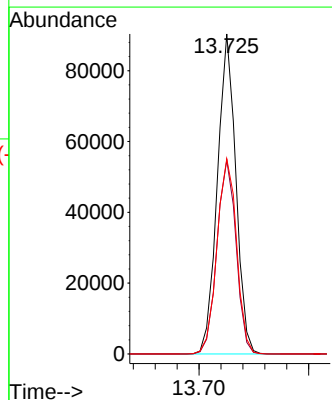
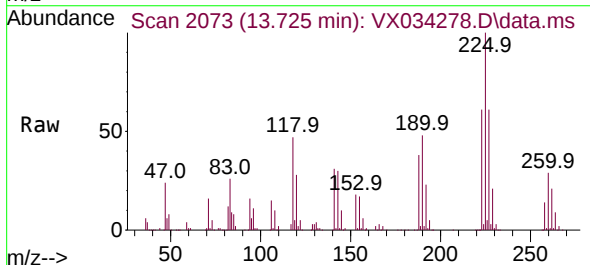
Manual Integrations
APPROVED

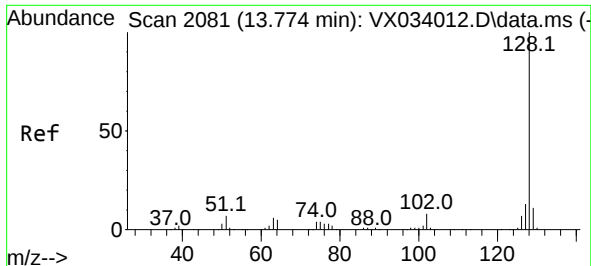
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#94
Hexachlorobutadiene
Concen: 50.835 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion:225 Resp: 105862
Ion Ratio Lower Upper
225 100
223 62.6 31.3 93.9
227 64.7 32.3 96.9





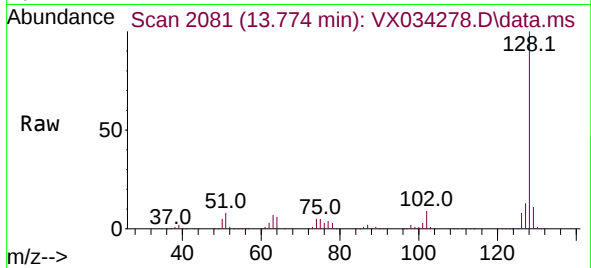
#95
Naphthalene
Concen: 49.337 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



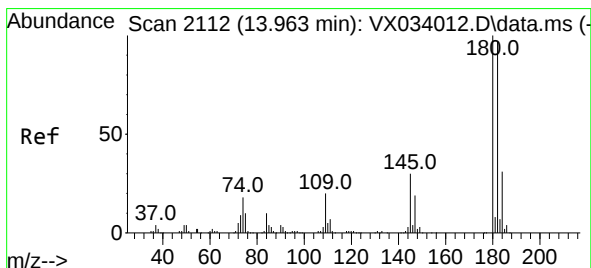
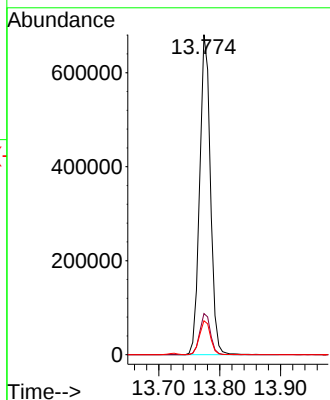
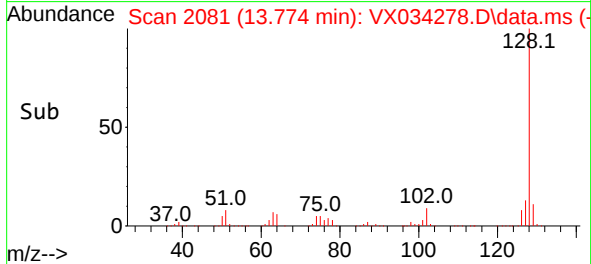
Tgt Ion:128 Resp: 834905
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.809 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034278.D
Acq: 27 Feb 2023 16:26

Tgt Ion:180 Resp: 253397
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.9
145 33.0 15.1 45.3

