

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035549.D
 Acq On : 05 May 2023 20:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

Quant Time: May 08 00:53:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	222160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	376114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153005	57.087	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.180%			
35) Dibromofluoromethane	5.385	113	127068	55.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.080%			
50) Toluene-d8	8.647	98	363986	41.797	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 83.600%#			
62) 4-Bromofluorobenzene	11.079	95	131764	40.222	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 80.440%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	145310	61.815	ug/l	99
3) Chloromethane	1.295	50	137513	64.305	ug/l	99
4) Vinyl Chloride	1.374	62	138970	64.794	ug/l	97
5) Bromomethane	1.612	94	74843	52.502	ug/l	98
6) Chloroethane	1.685	64	71736	57.187	ug/l	99
7) Trichlorofluoromethane	1.886	101	199514	59.485	ug/l	99
8) Diethyl Ether	2.130	74	73795	60.344	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	123520	55.138	ug/l	97
10) Methyl Iodide	2.453	142	171386	60.619	ug/l	98
11) Tert butyl alcohol	2.989	59	175702	360.033	ug/l	97
12) 1,1-Dichloroethene	2.319	96	129578	60.053	ug/l	99
13) Acrolein	2.239	56	133620	278.416	ug/l	100
14) Allyl chloride	2.666	41	250677	66.016	ug/l	98
15) Acrylonitrile	3.062	53	423774	347.191	ug/l	100
16) Acetone	2.386	43	389787	334.849	ug/l	97
17) Carbon Disulfide	2.514	76	316267	61.143	ug/l	98
18) Methyl Acetate	2.703	43	324929	72.184	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	490717	66.290	ug/l	99
20) Methylene Chloride	2.788	84	163020	61.076	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	141329	60.308	ug/l	97
22) Diisopropyl ether	3.757	45	472901	62.935	ug/l	96
23) Vinyl Acetate	3.721	43	1779137	344.461	ug/l	99
24) 1,1-Dichloroethane	3.611	63	280719	66.324	ug/l	99
25) 2-Butanone	4.556	43	591233	347.974	ug/l	95
26) 2,2-Dichloropropane	4.477	77	196254	59.186	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	173003	62.804	ug/l	95
28) Bromochloromethane	4.898	49	126239	69.989	ug/l	91
29) Tetrahydrofuran	5.007	42	386058	354.446	ug/l	98
30) Chloroform	5.093	83	282784	66.183	ug/l	99
31) Cyclohexane	5.471	56	213064	56.040	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	230150	61.463	ug/l	98
36) 1,1-Dichloropropene	5.696	75	187461	52.006	ug/l	99
37) Ethyl Acetate	4.709	43	222647	67.629	ug/l	97
38) Carbon Tetrachloride	5.678	117	191944	56.094	ug/l	99
39) Methylcyclohexane	7.379	83	192630	43.903	ug/l	98
40) Benzene	6.038	78	563688	54.514	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	124808	66.161	ug/l	98
42) 1,2-Dichloroethane	6.086	62	224628	60.928	ug/l	98
43) Isopropyl Acetate	6.336	43	365338	66.042	ug/l	96
44) Trichloroethene	7.129	130	153022	53.719	ug/l	99
45) 1,2-Dichloropropane	7.428	63	156479	60.025	ug/l	98
46) Dibromomethane	7.580	93	111809	62.456	ug/l	95
47) Bromodichloromethane	7.824	83	203188	61.603	ug/l	98
48) Methyl methacrylate	7.690	41	168585	62.127	ug/l	94
49) 1,4-Dioxane	7.690	88	83519	1262.694	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1054640	310.316	ug/l	97
52) Toluene	8.720	92	323593	49.370	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	213419	61.958	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	237698	61.051	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	150032	57.420	ug/l	98
56) Ethyl methacrylate	9.116	69	219796	56.469	ug/l	92
57) 1,3-Dichloropropane	9.305	76	256263	57.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	585034	300.597	ug/l	97
59) 2-Hexanone	9.427	43	754464	295.498	ug/l	95
60) Dibromochloromethane	9.525	129	152487	60.911	ug/l	100
61) 1,2-Dibromoethane	9.610	107	155638	57.780	ug/l	99
64) Tetrachloroethene	9.275	164	123282	52.775	ug/l	97
65) Chlorobenzene	10.079	112	334406	50.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	135100	58.811	ug/l	98
67) Ethyl Benzene	10.195	91	581348	50.857	ug/l	98
68) m/p-Xylenes	10.299	106	436391	99.630	ug/l	99
69) o-Xylene	10.640	106	214048	49.835	ug/l	100
70) Styrene	10.653	104	351659	50.496	ug/l	97
71) Bromoform	10.799	173	101484	63.512	ug/l #	99
73) Isopropylbenzene	10.963	105	546392	55.302	ug/l	100
74) N-amyl acetate	10.842	43	252333	67.960	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	206027	67.184	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	171435m	63.585	ug/l	
77) Bromobenzene	11.195	156	138347	56.331	ug/l	93
78) n-propylbenzene	11.305	91	589183	51.924	ug/l	99
79) 2-Chlorotoluene	11.366	91	374563	52.825	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	419881	50.401	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	55844	67.084	ug/l	98
82) 4-Chlorotoluene	11.457	91	419426	52.666	ug/l	97
83) tert-Butylbenzene	11.713	119	408661	48.890	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	414886	49.565	ug/l	100
85) sec-Butylbenzene	11.890	105	442713	43.179	ug/l	100
86) p-Isopropyltoluene	12.012	119	386918	44.370	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	242560	51.970	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	242589	49.573	ug/l	99
89) n-Butylbenzene	12.335	91	267829	36.383	ug/l	98
90) Hexachloroethane	12.536	117	64748	48.505	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	239455	51.296	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40489	65.845	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	102192	34.827	ug/l	98
94) Hexachlorobutadiene	13.725	225	26568	20.631	ug/l	98
95) Naphthalene	13.774	128	332733	36.835	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	96264	32.590	ug/l	97

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

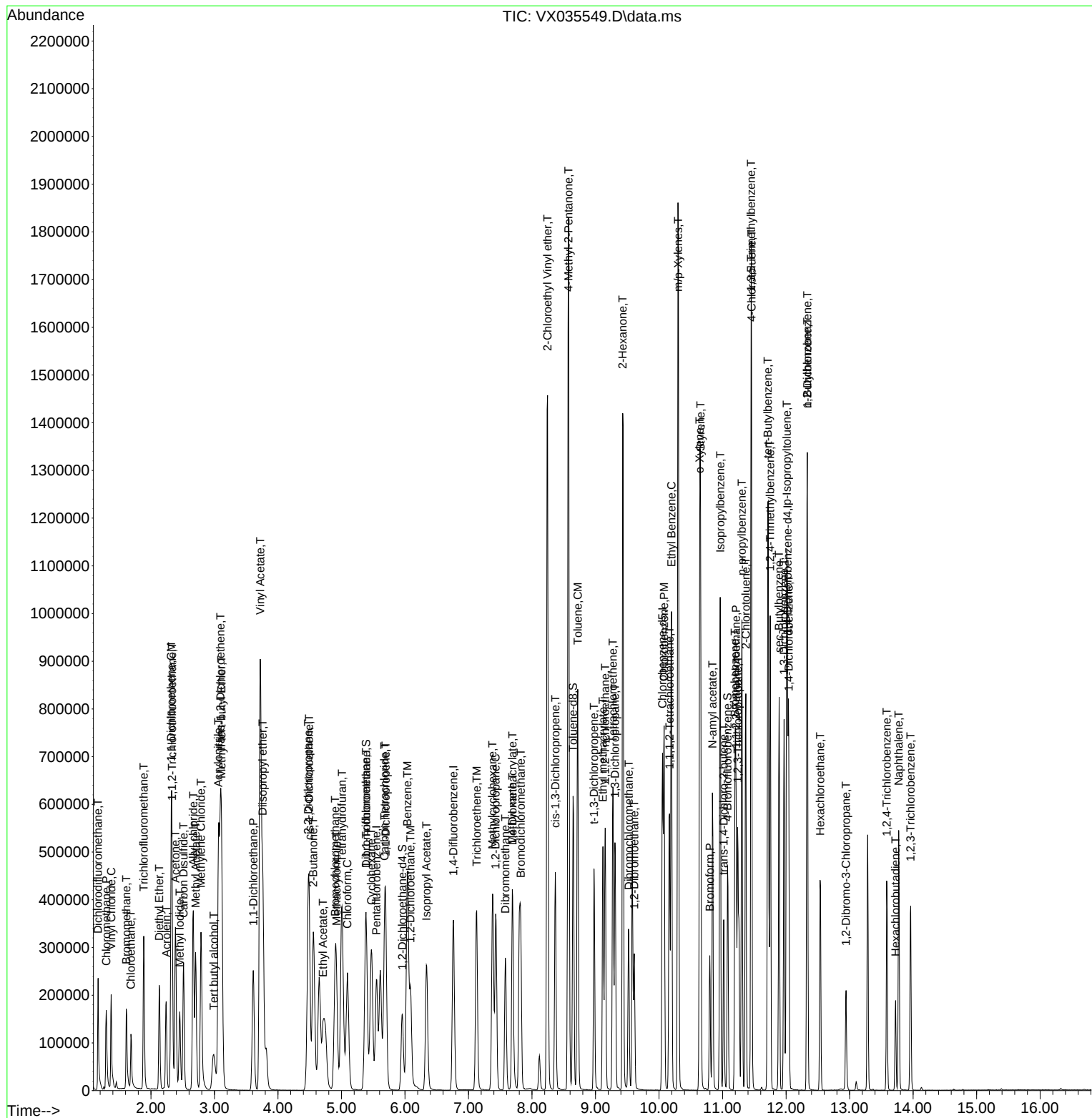
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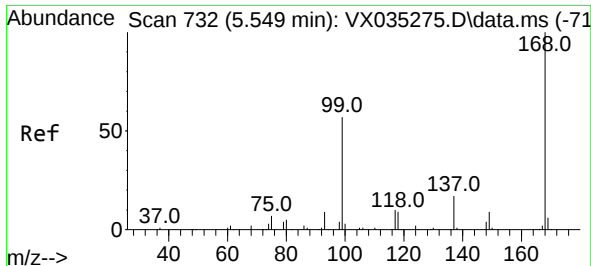
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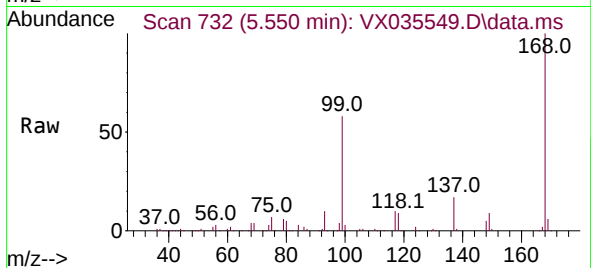
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035549.D
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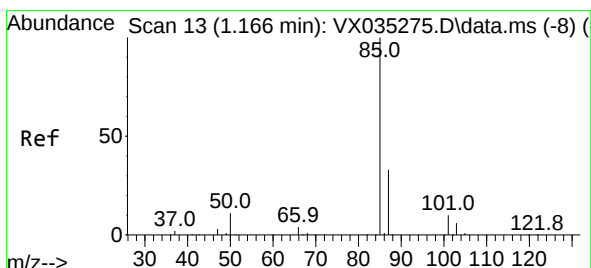
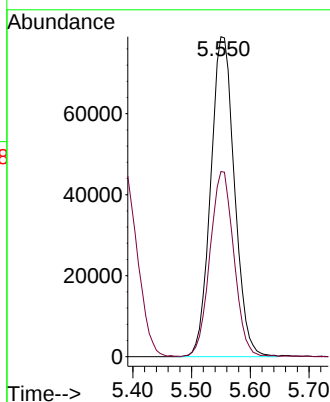
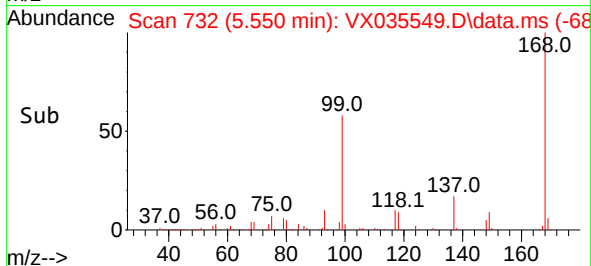
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 222160
Ion Ratio Lower Upper
168 100
99 57.7 45.7 68.5

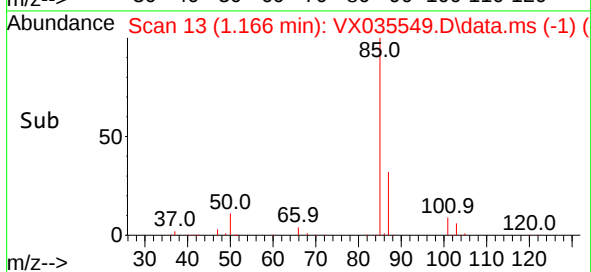
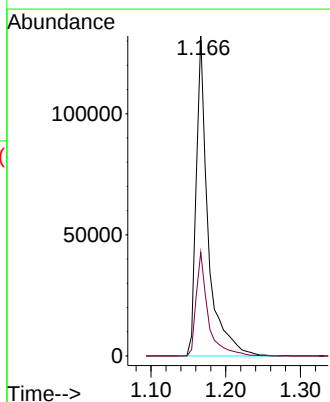
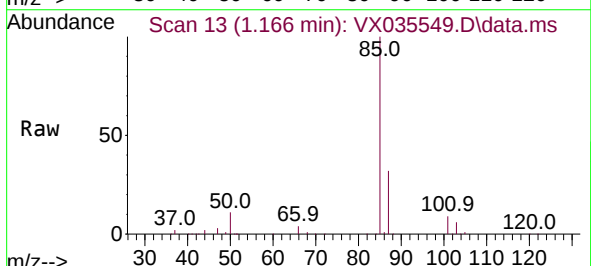
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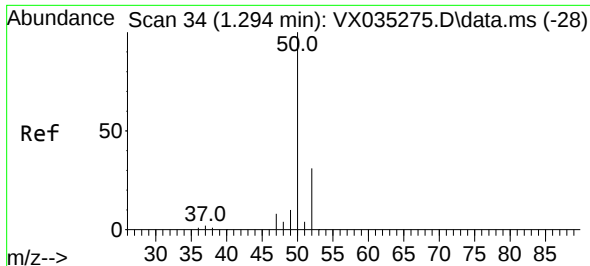
Reviewed By :John Carlone 05/08/2023
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#2
Dichlorodifluoromethane
Concen: 61.815 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion: 85 Resp: 145310
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.1





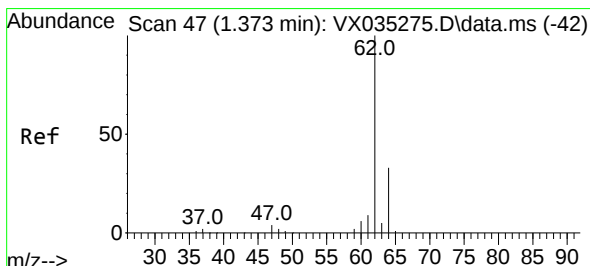
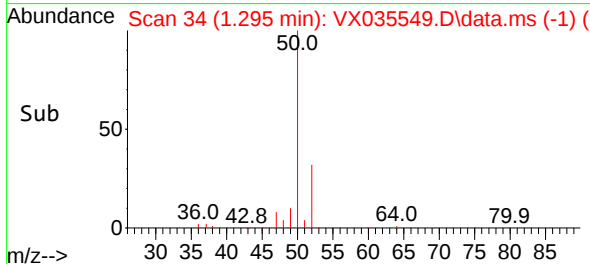
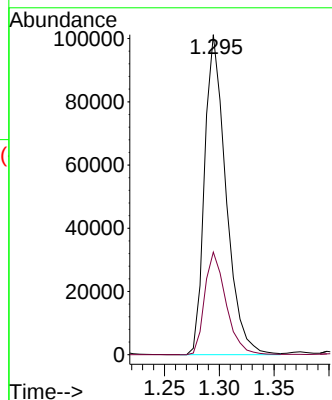
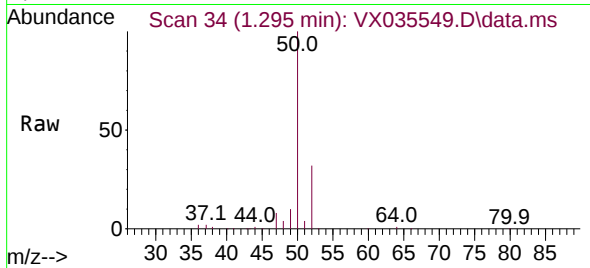
#3
Chloromethane
Concen: 64.305 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Instrument :
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Tgt Ion: 50 Resp: 13751
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9

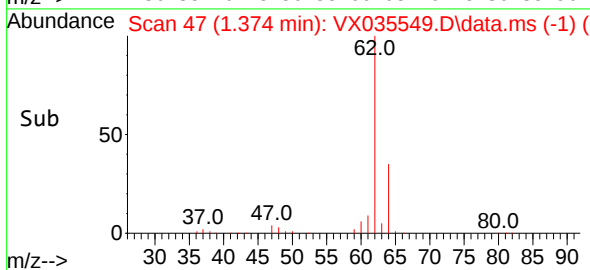
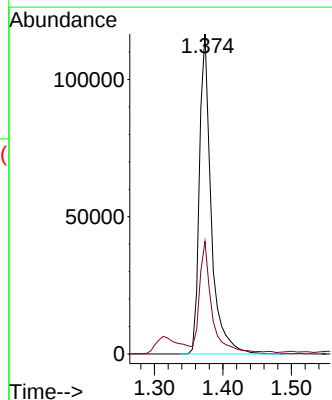
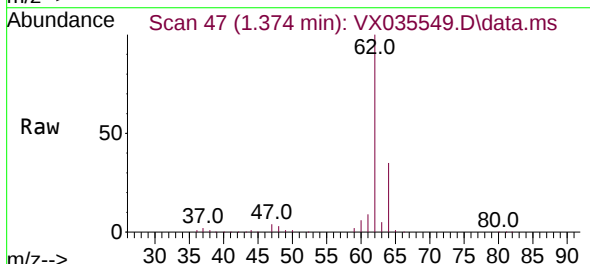
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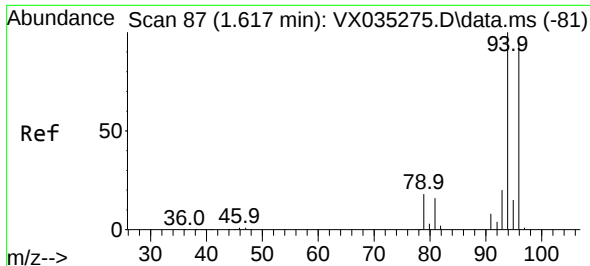
Reviewed By :John Carlone 05/08/2023
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#4
Vinyl Chloride
Concen: 64.794 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

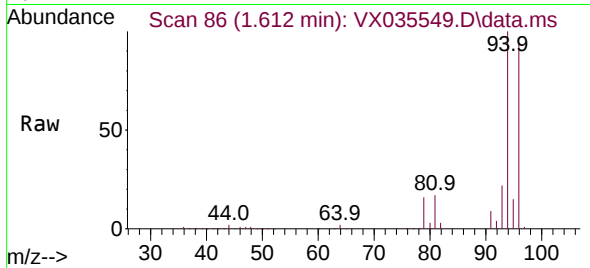
Tgt Ion: 62 Resp: 138970
Ion Ratio Lower Upper
62 100
64 34.6 26.4 39.6





#5
Bromomethane
Concen: 52.502 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.005 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

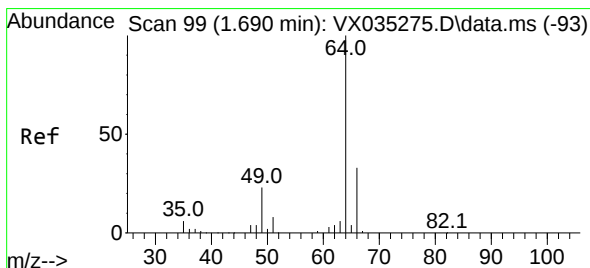
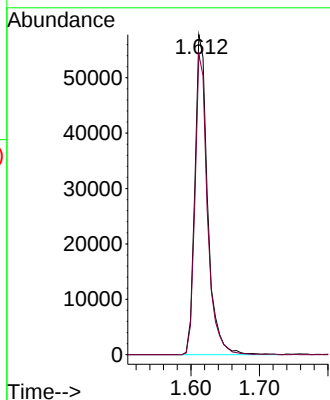
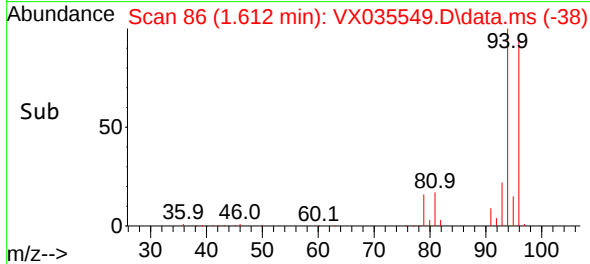
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Tgt Ion: 94 Resp: 7484
Ion Ratio Lower Upper
94 100
96 93.9 77.0 115.6

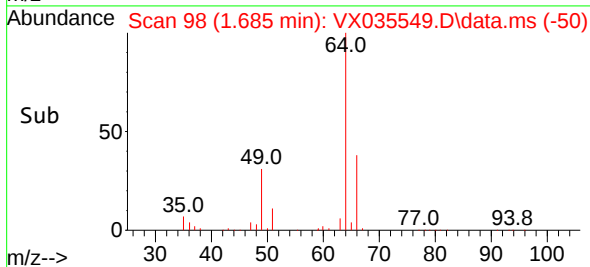
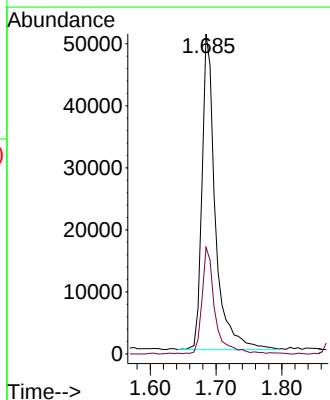
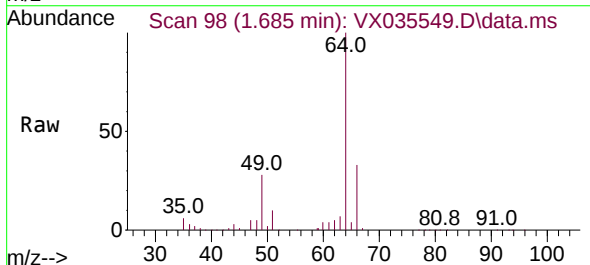
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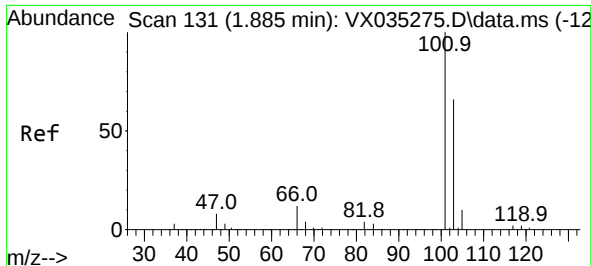
Reviewed By :John Carlone 05/08/2023
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#6
Chloroethane
Concen: 57.187 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.005 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

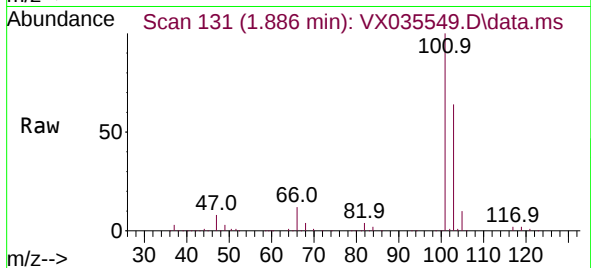
Tgt Ion: 64 Resp: 71736
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 59.485 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035549.D
 Acq: 05 May 2023 20:17

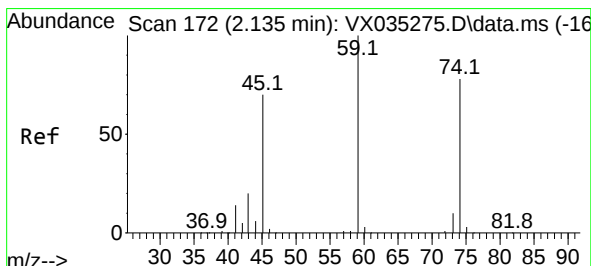
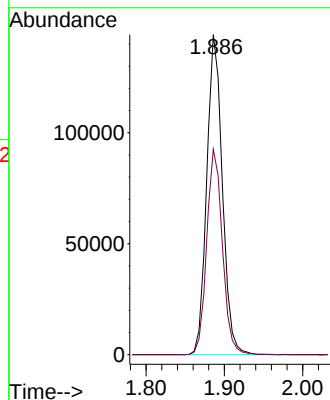
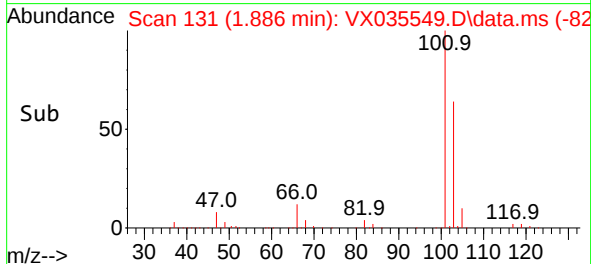
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Tgt Ion:101 Resp: 199514
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.0 78.0

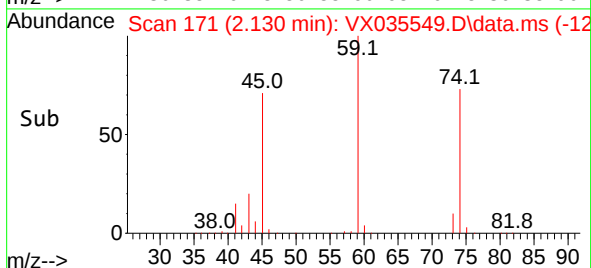
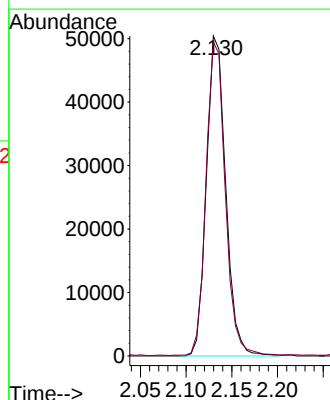
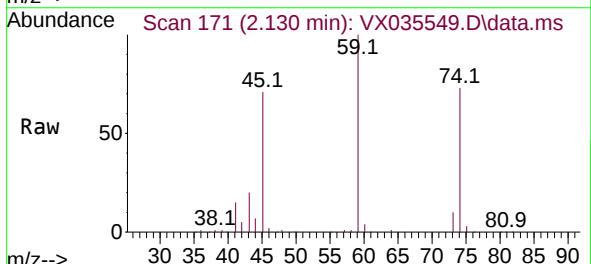
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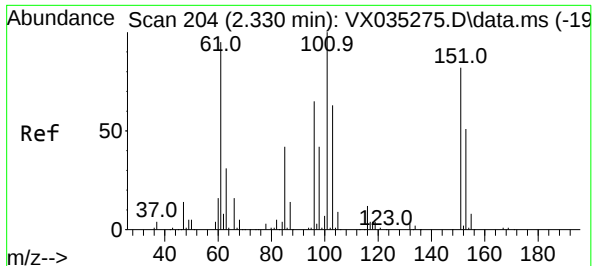
Reviewed By :John Carlone 05/08/2023
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#8
 Diethyl Ether
 Concen: 60.344 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX035549.D
 Acq: 05 May 2023 20:17

Tgt Ion: 74 Resp: 73795
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.8 149.3





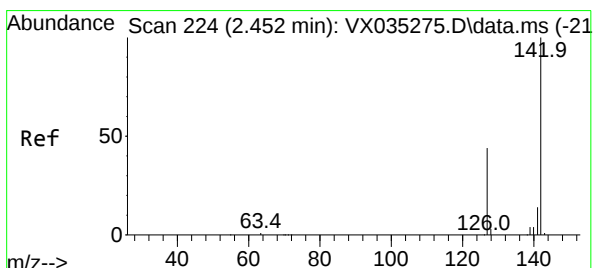
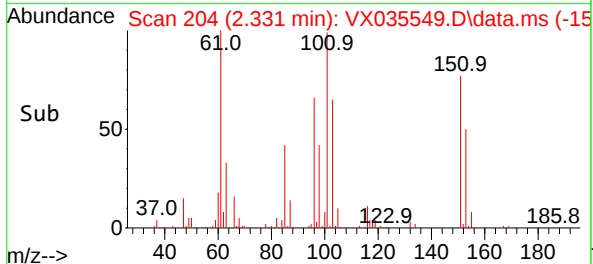
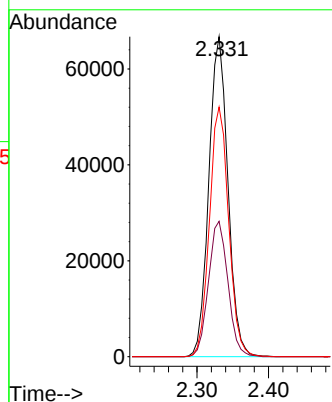
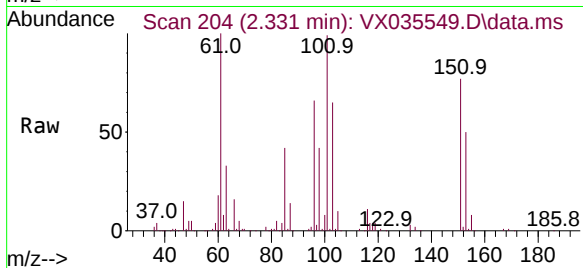
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.138 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 123520
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.2
151 78.7 60.2 90.4

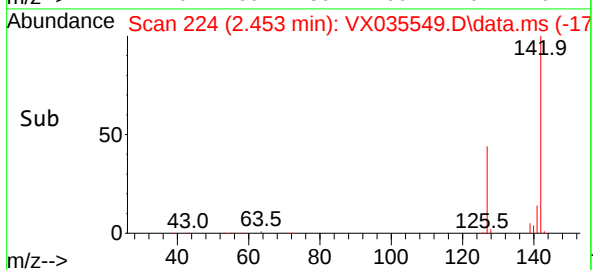
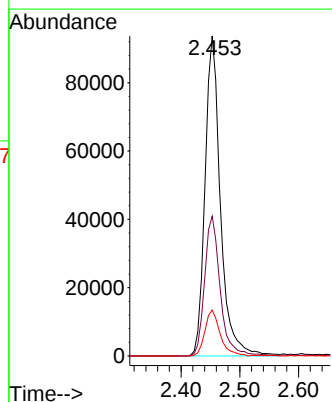
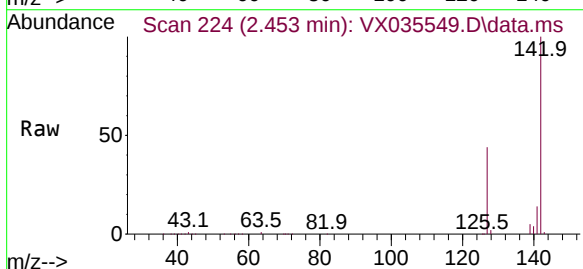
Manual Integrations
APPROVED

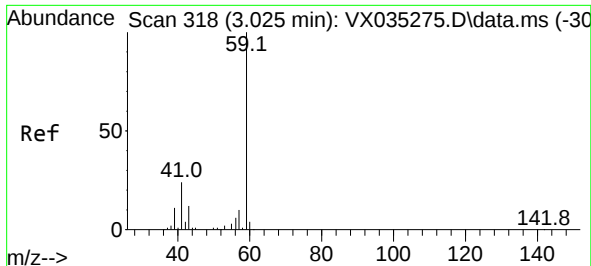
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#10
Methyl Iodide
Concen: 60.619 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

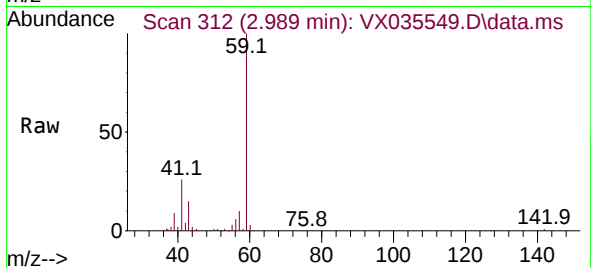
Tgt Ion:142 Resp: 171386
Ion Ratio Lower Upper
142 100
127 44.1 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 360.033 ug/l
RT: 2.989 min Scan# 318
Delta R.T. -0.036 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

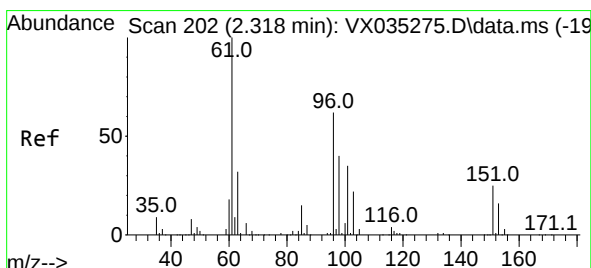
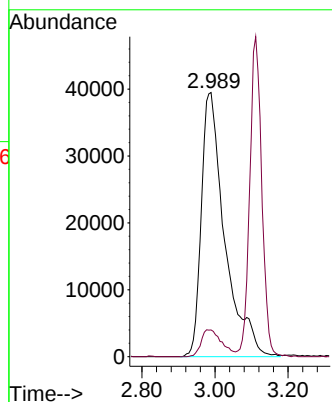
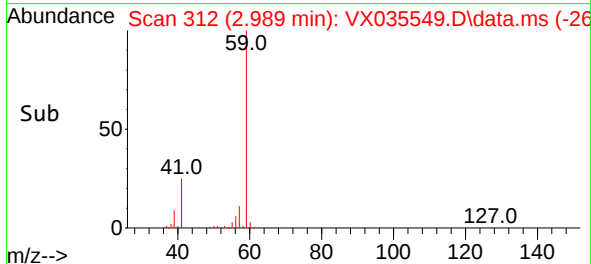
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 175702
Ion Ratio Lower Upper
59 100
57 9.0 8.1 12.1

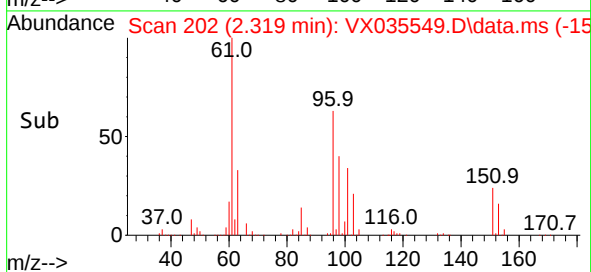
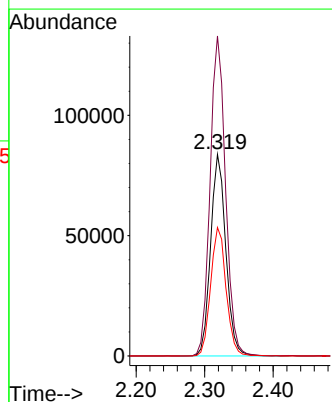
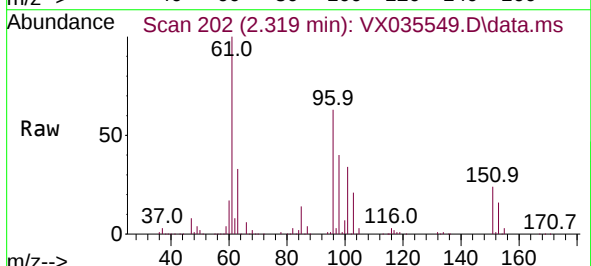
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#12
1,1-Dichloroethene
Concen: 60.053 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

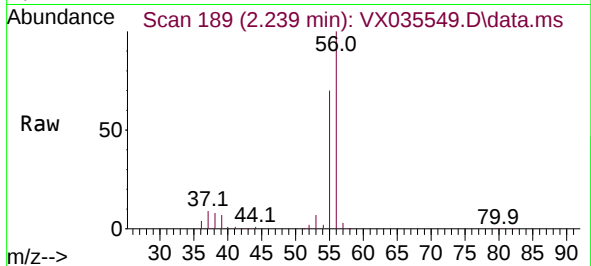
Tgt Ion: 96 Resp: 129578
Ion Ratio Lower Upper
96 100
61 158.7 128.8 193.2
98 63.7 51.4 77.0





#13
Acrolein
Concen: 278.416 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

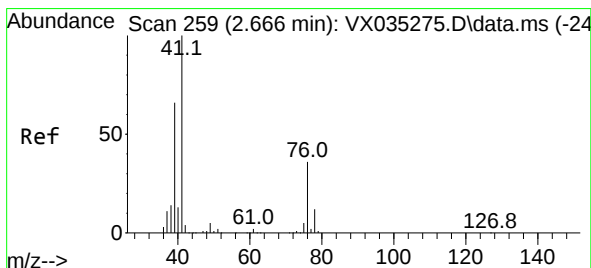
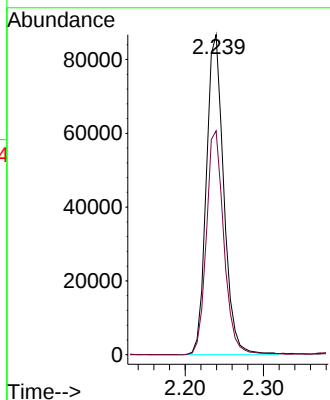
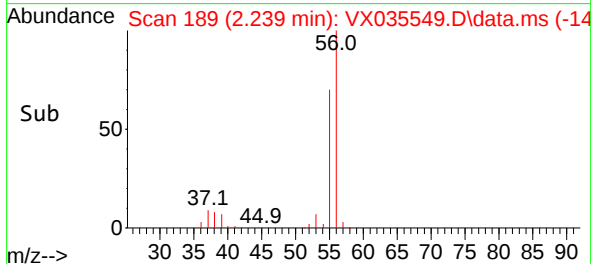
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



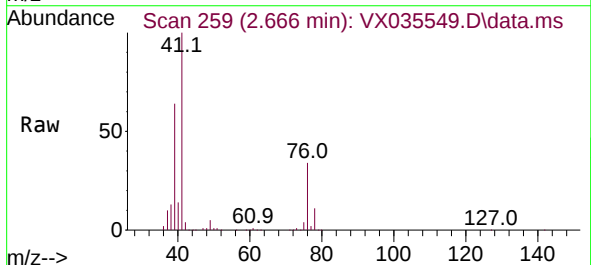
Tgt Ion: 56 Resp: 133620
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

Manual Integrations
APPROVED

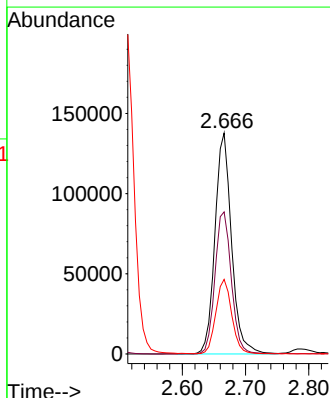
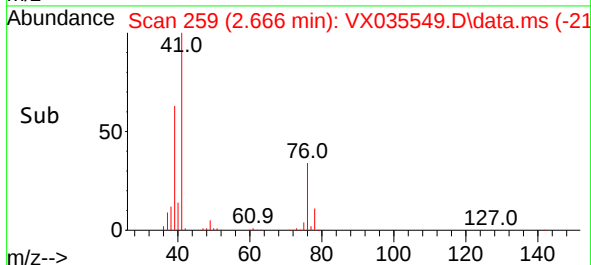
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

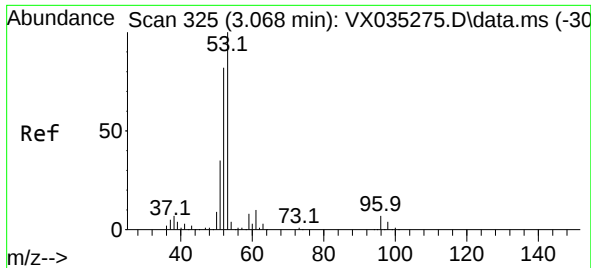


#14
Allyl chloride
Concen: 66.016 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17



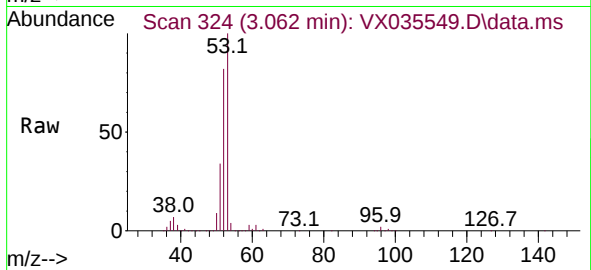
Tgt Ion: 41 Resp: 250677
Ion Ratio Lower Upper
41 100
39 63.4 52.4 78.6
76 32.3 26.0 39.0





#15
Acrylonitrile
Concen: 347.191 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

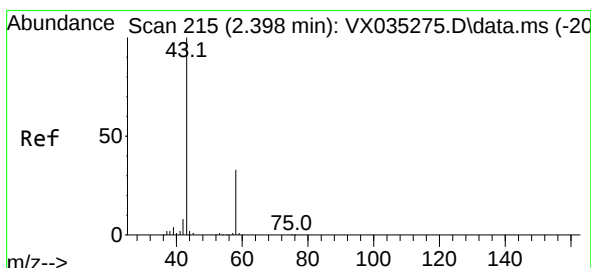
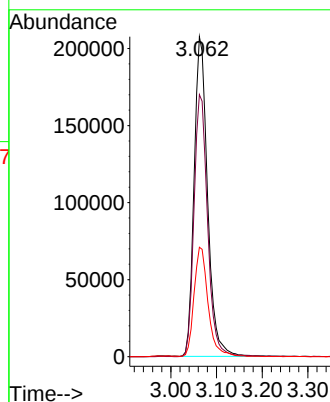
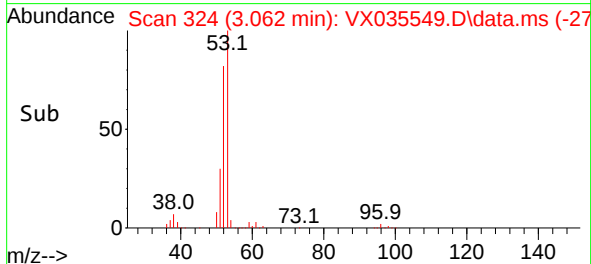
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 423774
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 35.5 28.3 42.5

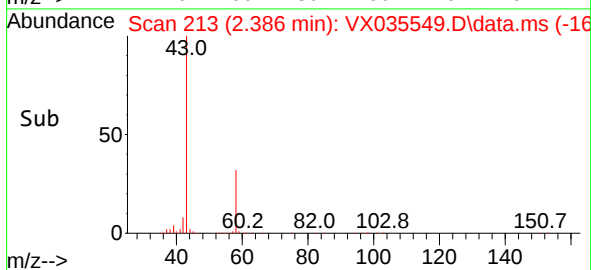
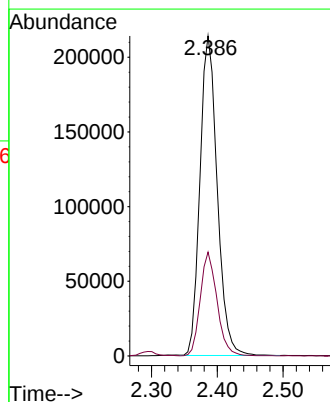
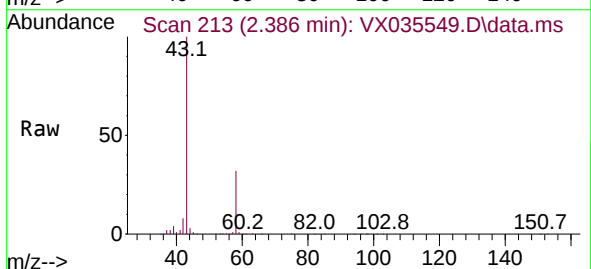
Manual Integrations
APPROVED

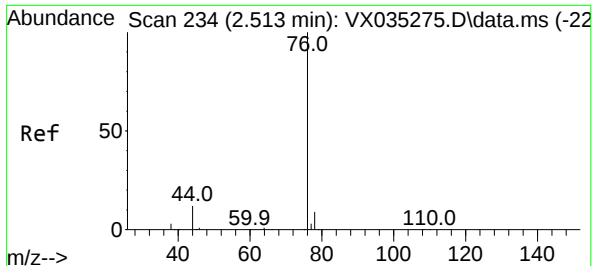
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#16
Acetone
Concen: 334.849 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion: 43 Resp: 389787
Ion Ratio Lower Upper
43 100
58 32.5 24.7 37.1





#17

Carbon Disulfide

Concen: 61.143 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 31626

Ion Ratio Lower Upper

76 100

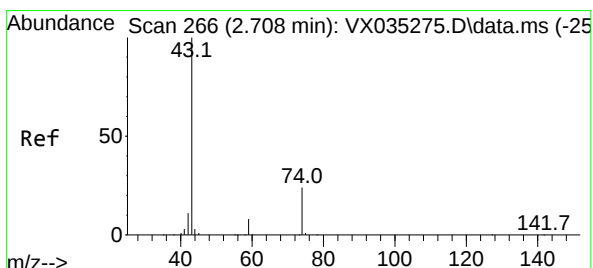
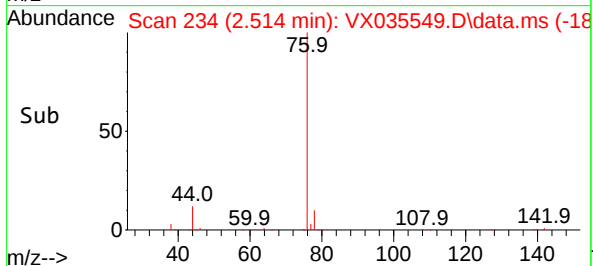
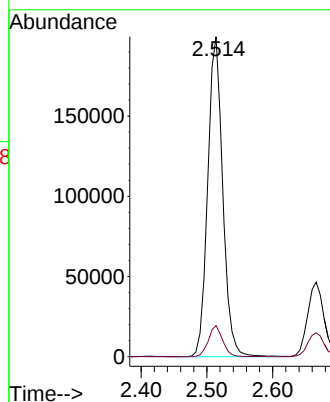
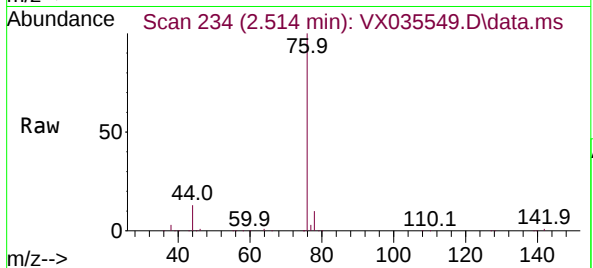
78 9.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#18

Methyl Acetate

Concen: 72.184 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.005 min

Lab File: VX035549.D

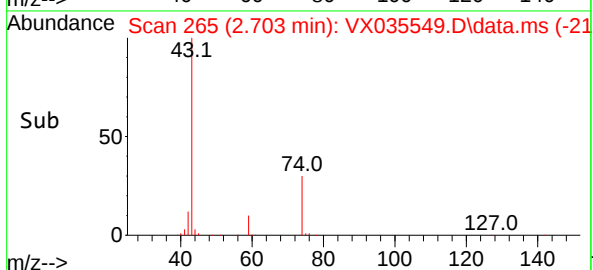
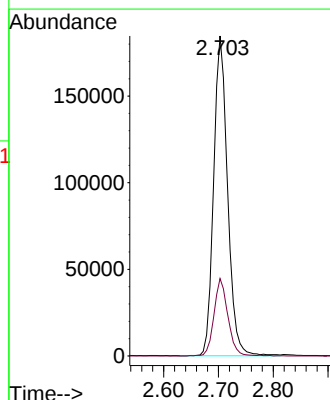
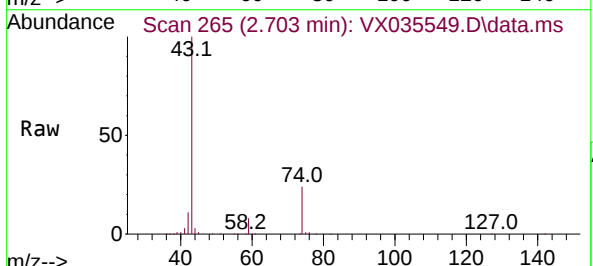
Acq: 05 May 2023 20:17

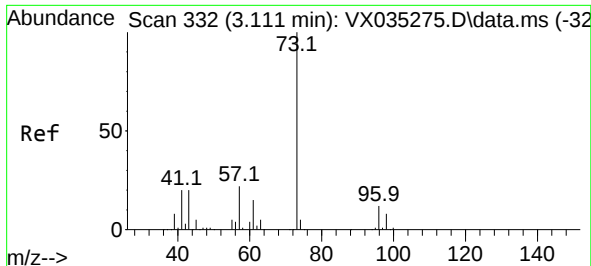
Tgt Ion: 43 Resp: 324929

Ion Ratio Lower Upper

43 100

74 24.2 18.3 27.5





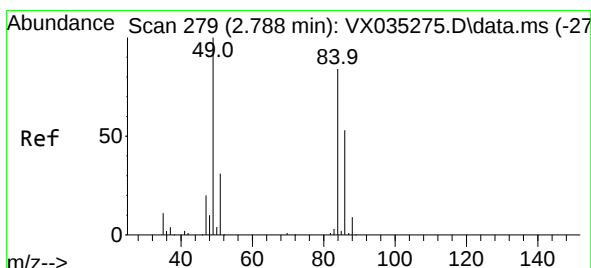
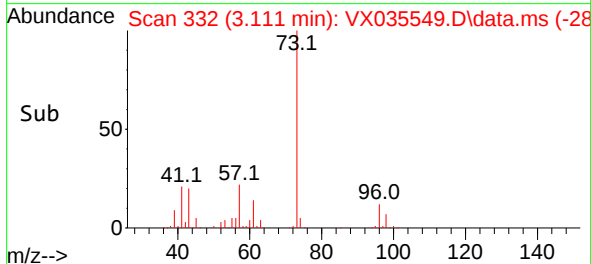
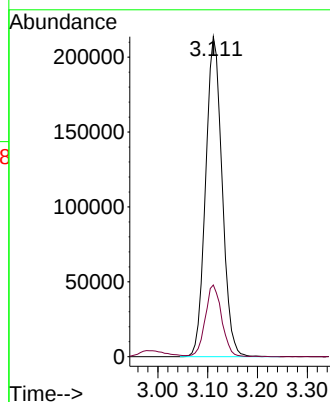
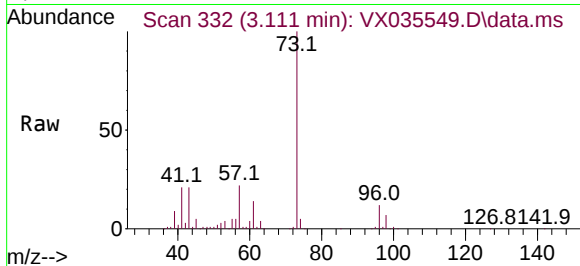
#19
Methyl tert-butyl Ether
Concen: 66.290 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 49071
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7

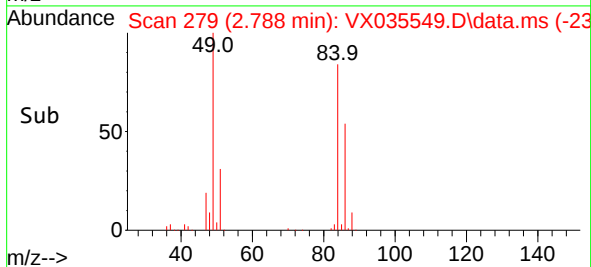
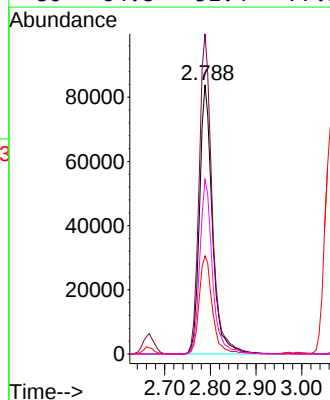
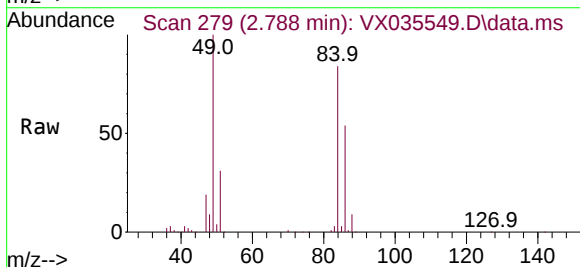
Manual Integrations
APPROVED

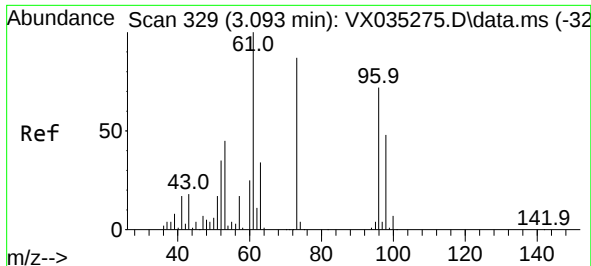
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#20
Methylene Chloride
Concen: 61.076 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

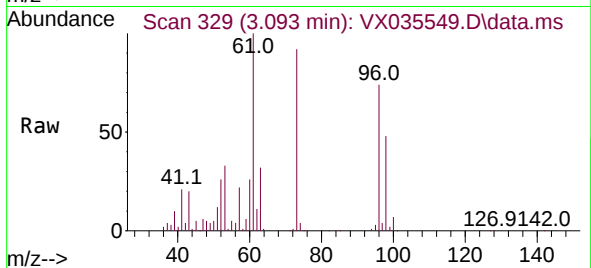
Tgt Ion: 84 Resp: 163020
Ion Ratio Lower Upper
84 100
49 118.9 103.8 155.8
51 36.4 31.8 47.8
86 64.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 60.308 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

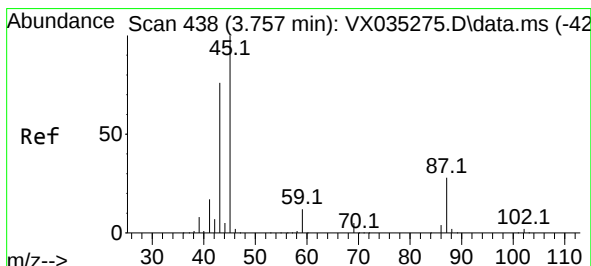
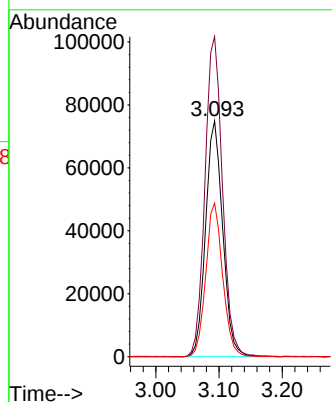
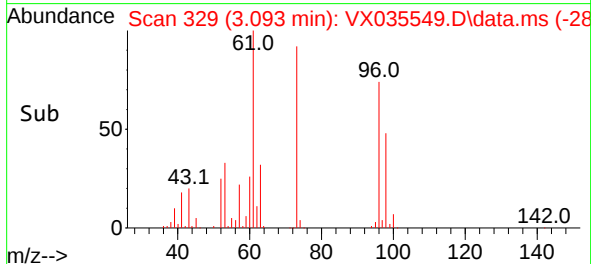
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 141329
Ion Ratio Lower Upper
96 100
61 135.7 113.0 169.6
98 65.1 52.1 78.1

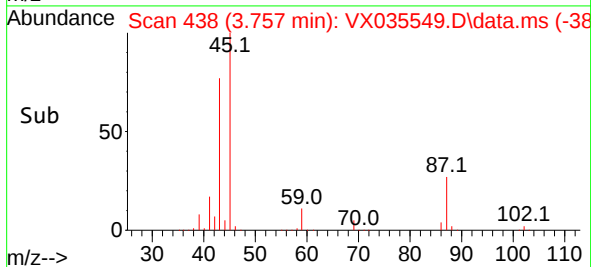
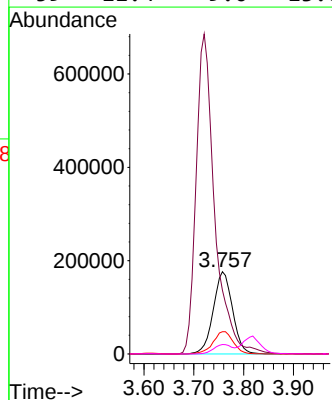
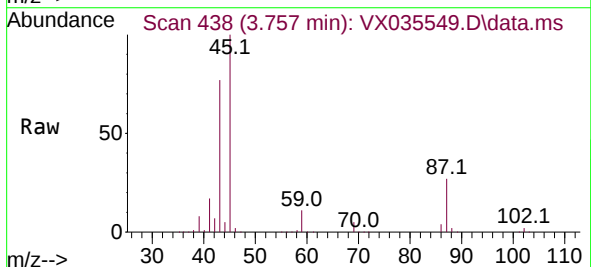
Manual Integrations
APPROVED

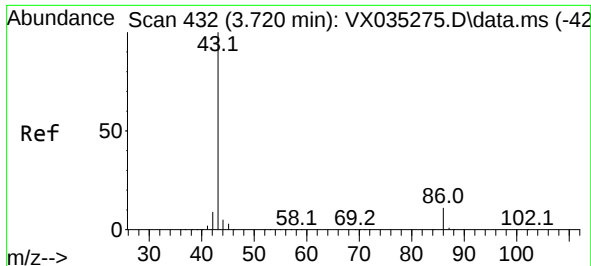
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#22
Diisopropyl ether
Concen: 62.935 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

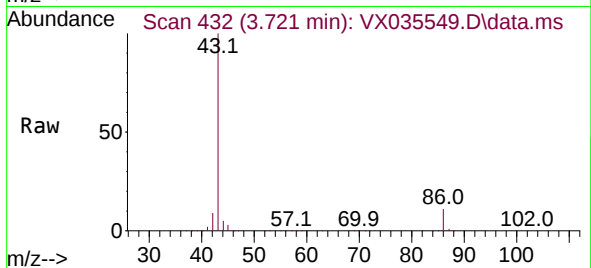
Tgt Ion: 45 Resp: 472901
Ion Ratio Lower Upper
45 100
43 76.9 65.4 98.2
87 27.0 20.6 31.0
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 344.461 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035549.D
 Acq: 05 May 2023 20:17

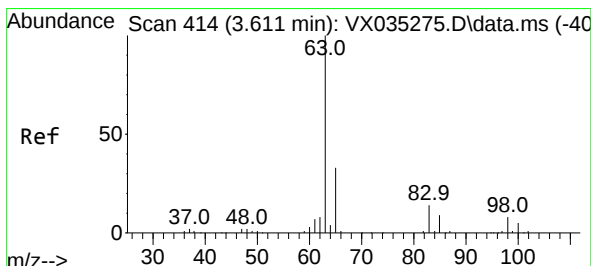
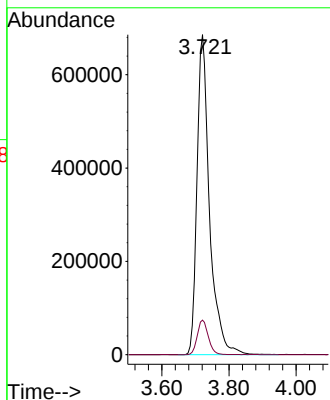
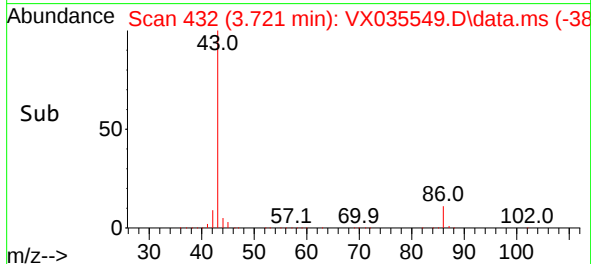
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



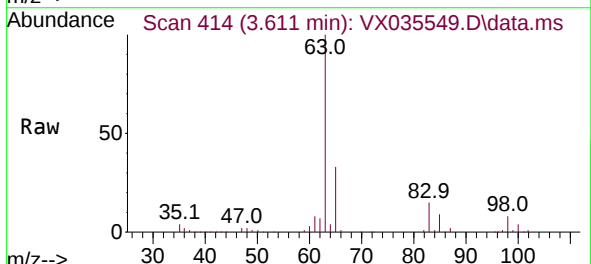
Tgt Ion: 43 Resp: 177913
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

Manual Integrations
 APPROVED

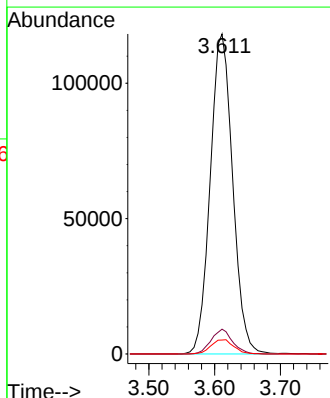
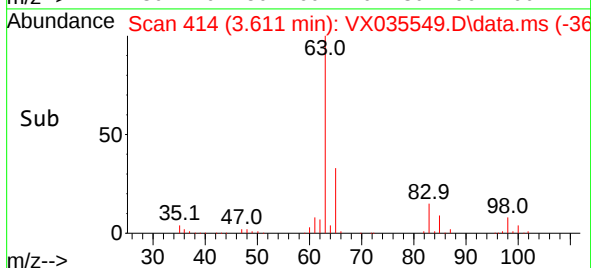
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

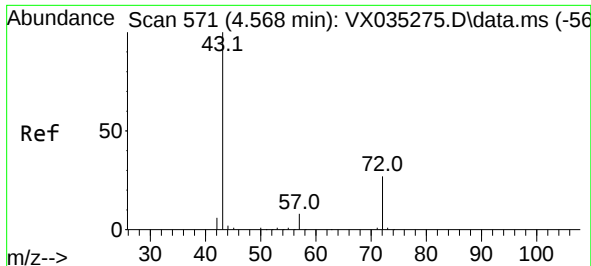


#24
 1,1-Dichloroethane
 Concen: 66.324 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035549.D
 Acq: 05 May 2023 20:17



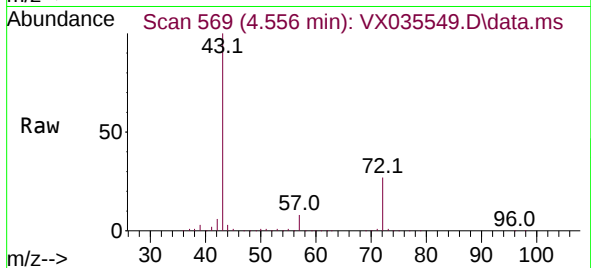
Tgt Ion: 63 Resp: 280719
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 4.4 2.4 7.1





#25
2-Butanone
Concen: 347.974 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

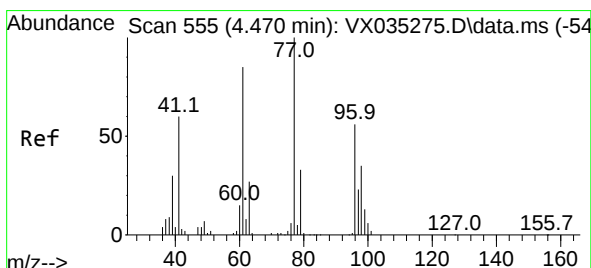
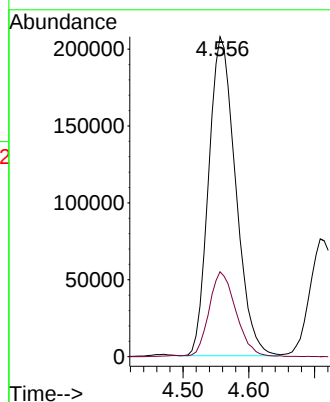
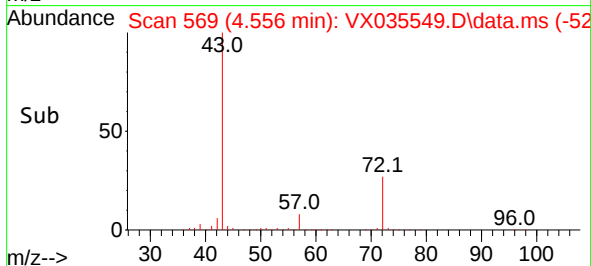
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 591233
Ion Ratio Lower Upper
43 100
72 26.4 19.3 28.9

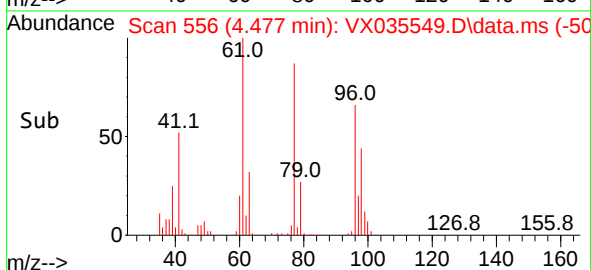
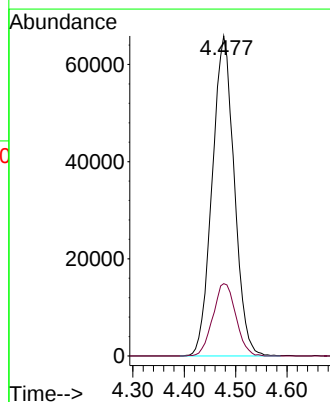
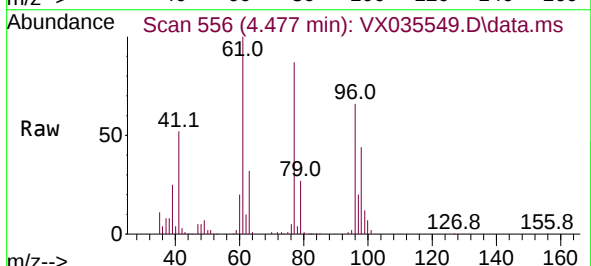
Manual Integrations
APPROVED

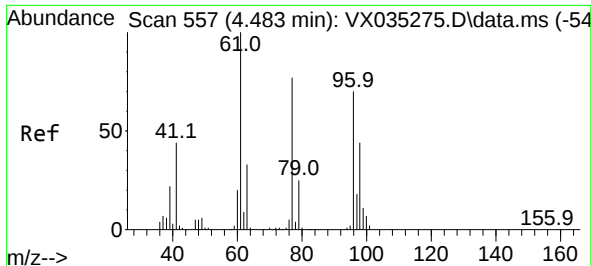
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#26
2,2-Dichloropropane
Concen: 59.186 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion: 77 Resp: 196254
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 62.804 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 17300

Ion Ratio Lower Upper

96 100

61 142.4 0.0 300.4

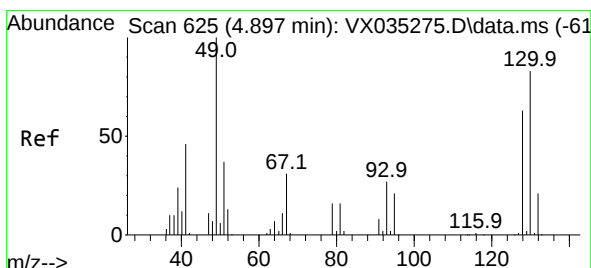
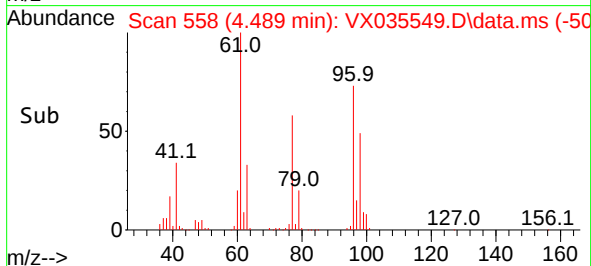
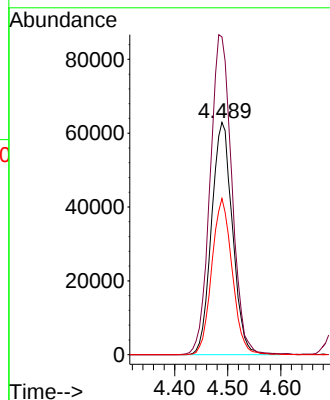
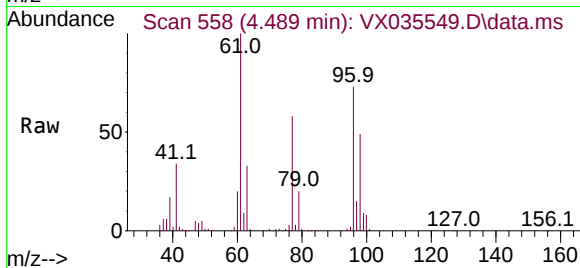
98 65.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#28

Bromochloromethane

Concen: 69.989 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

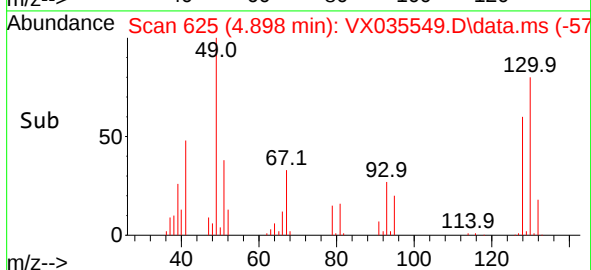
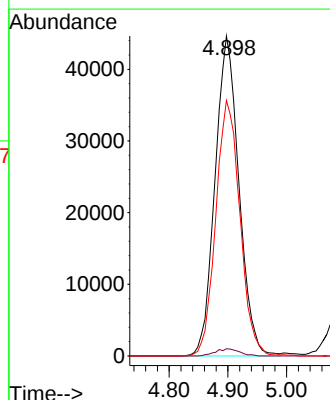
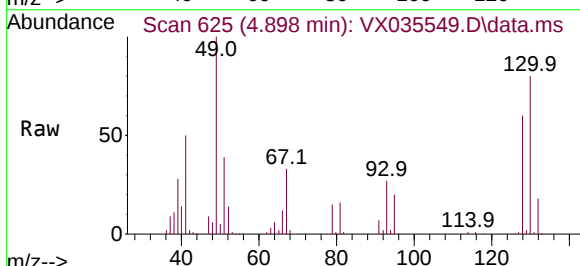
Tgt Ion: 49 Resp: 126239

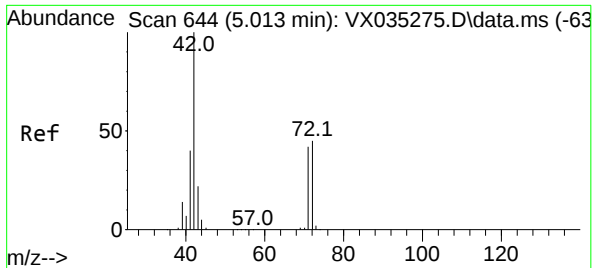
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

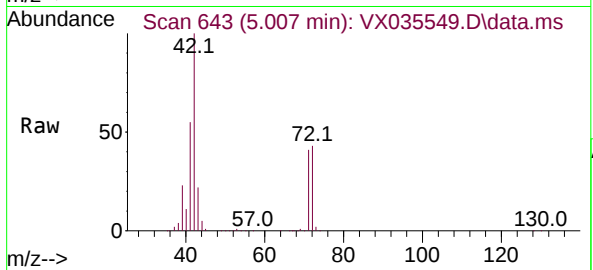
130 80.7 58.2 87.2





#29
Tetrahydrofuran
Concen: 354.446 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

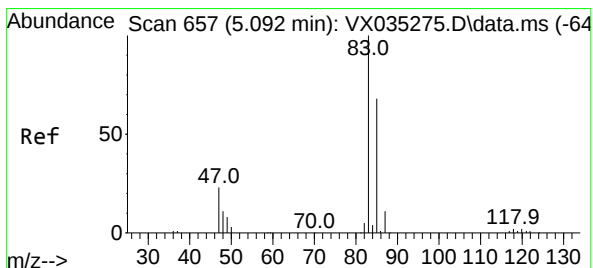
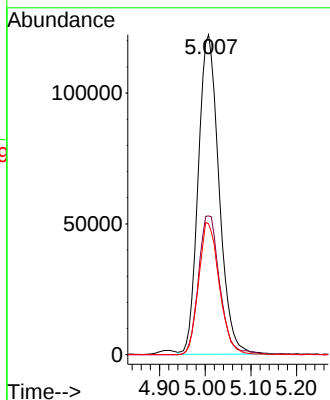
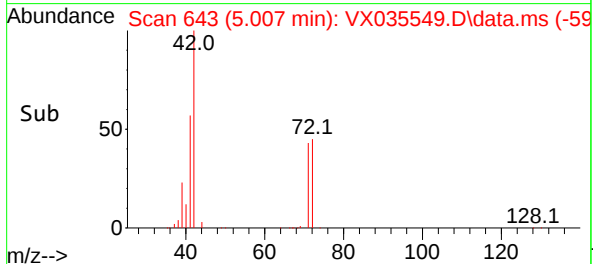
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 386058
Ion Ratio Lower Upper
42 100
72 44.6 34.5 51.7
71 41.2 32.1 48.1

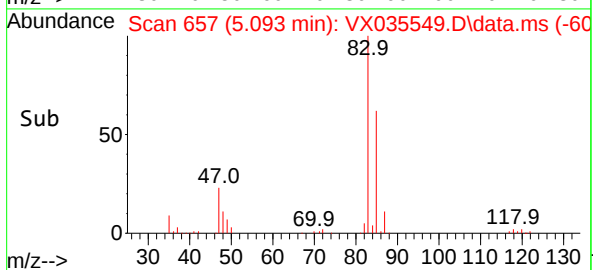
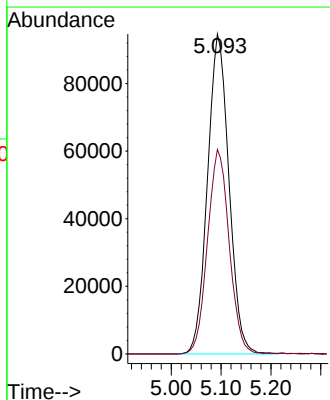
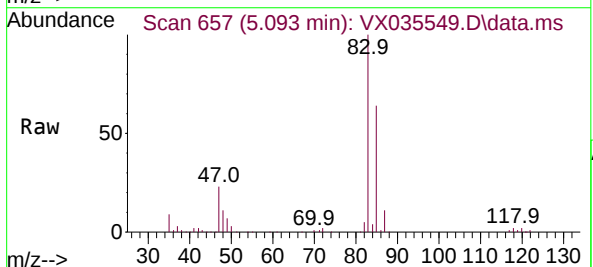
Manual Integrations
APPROVED

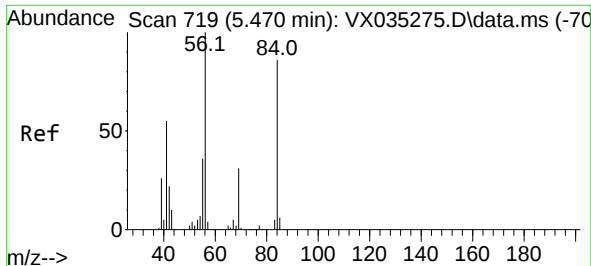
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#30
Chloroform
Concen: 66.183 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

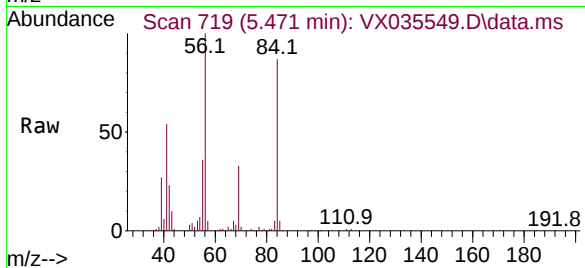
Tgt Ion: 83 Resp: 282784
Ion Ratio Lower Upper
83 100
85 63.9 50.6 76.0





#31
Cyclohexane
Concen: 56.040 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

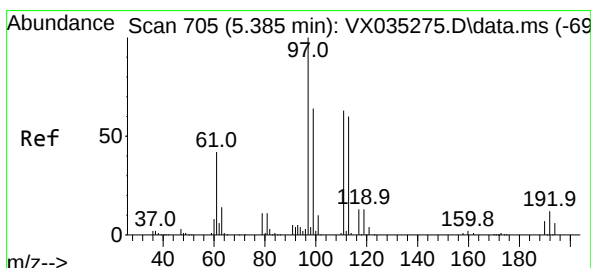
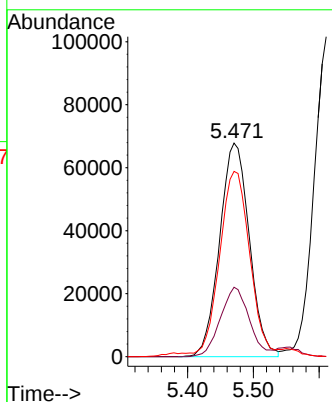
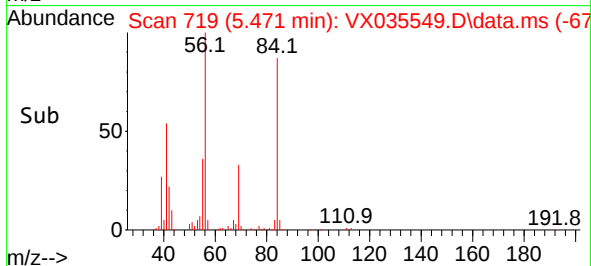
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



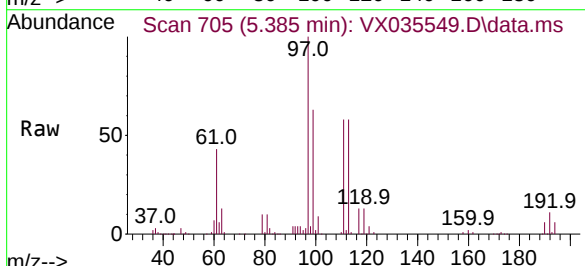
Tgt Ion: 56 Resp: 213064
Ion Ratio Lower Upper
56 100
69 32.5 23.7 35.5
84 85.3 68.5 102.7

Manual Integrations
APPROVED

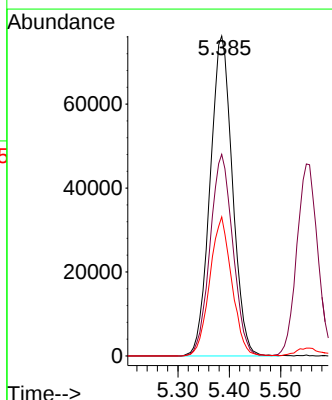
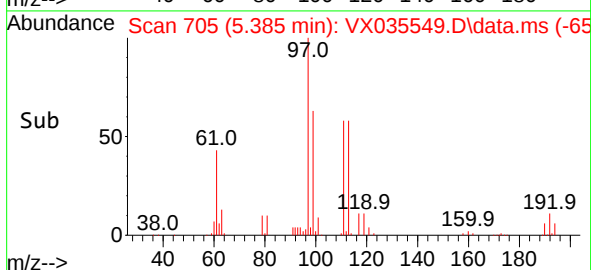
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

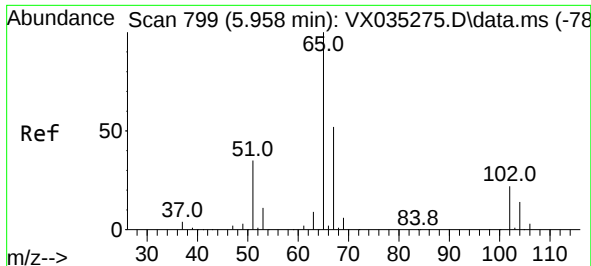


#32
1,1,1-Trichloroethane
Concen: 61.463 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17



Tgt Ion: 97 Resp: 230150
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 42.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 57.087 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15300

Ion Ratio Lower Upper

65 100

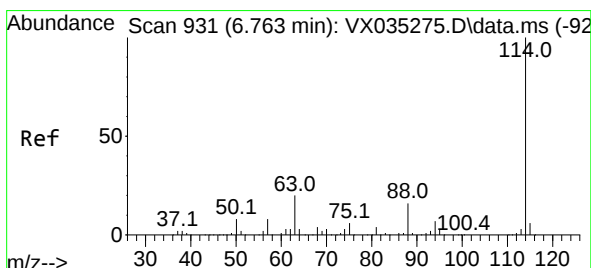
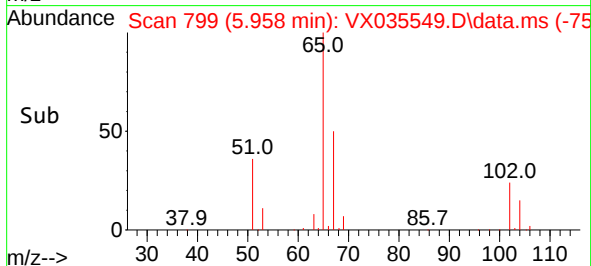
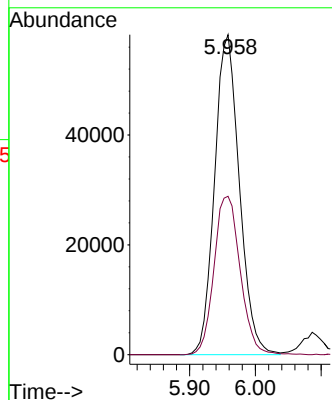
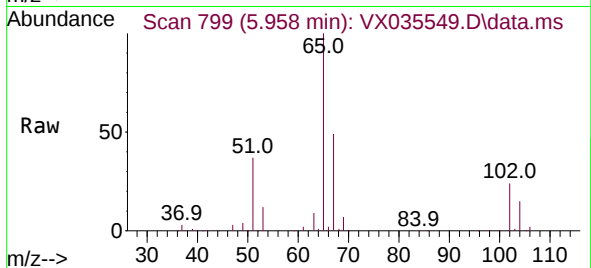
67 52.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

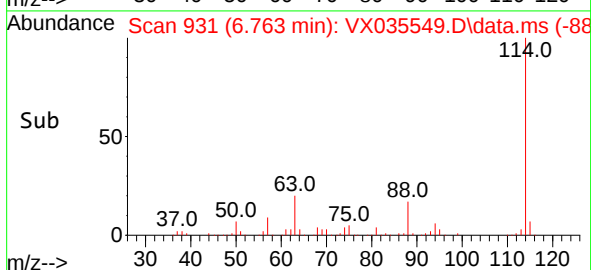
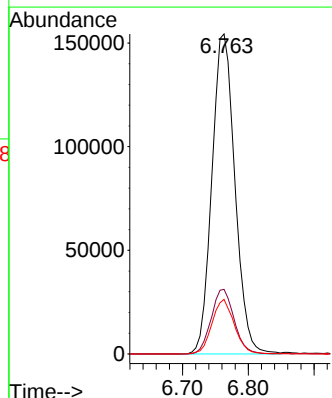
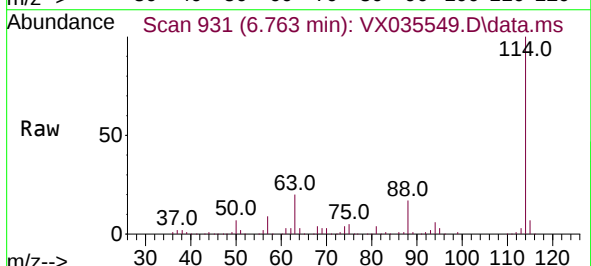
Tgt Ion:114 Resp: 376114

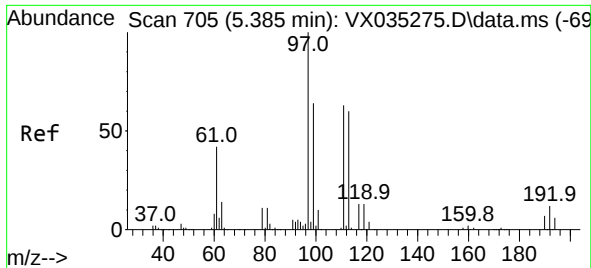
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

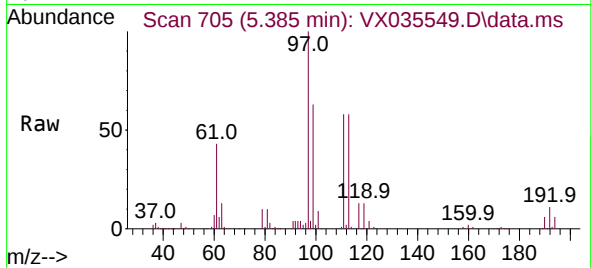
88 17.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 55.044 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

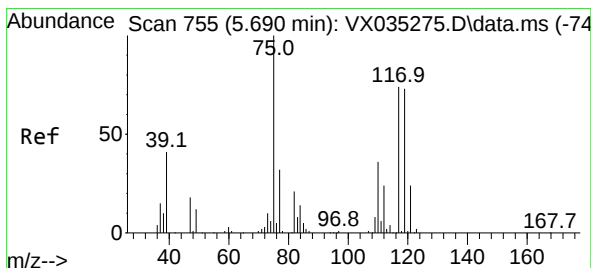
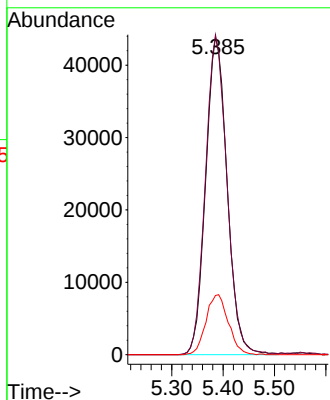
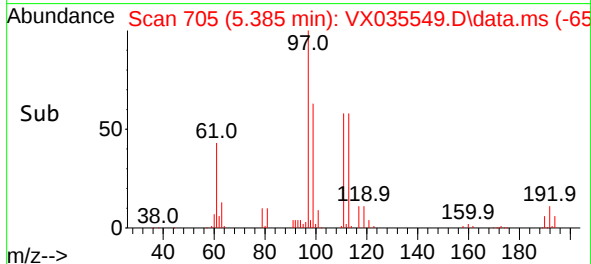
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 127068
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 19.7 15.4 23.2

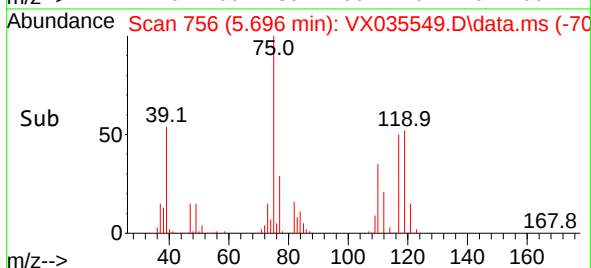
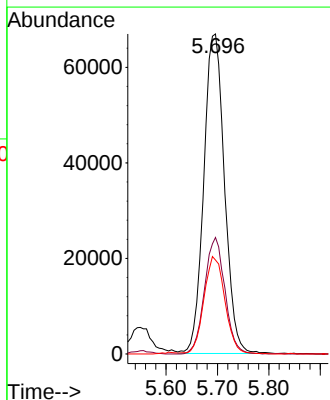
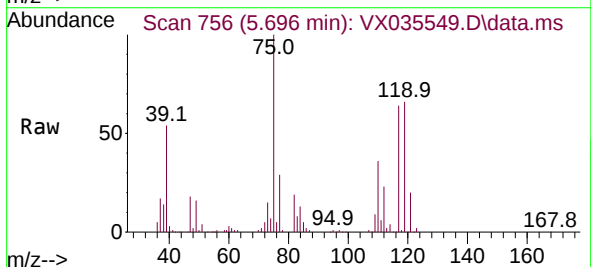
Manual Integrations
APPROVED

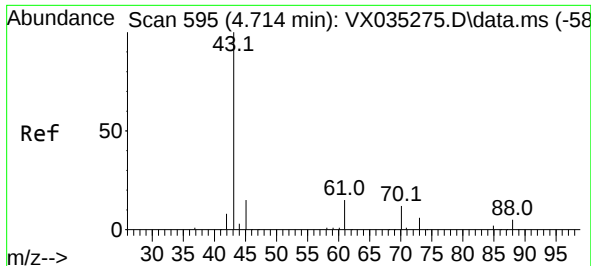
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#36
1,1-Dichloropropene
Concen: 52.006 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion: 75 Resp: 187461
Ion Ratio Lower Upper
75 100
110 35.8 17.5 52.5
77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 67.629 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.005 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 22264

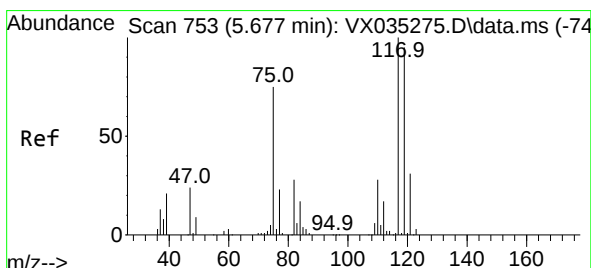
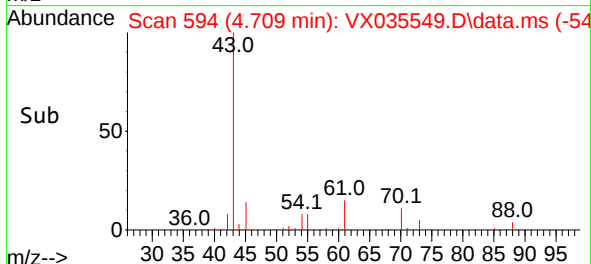
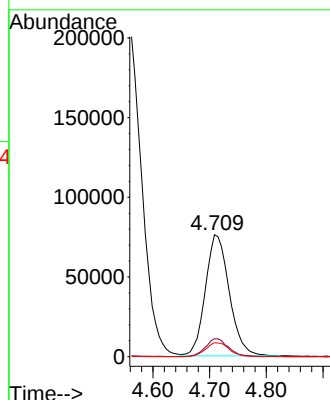
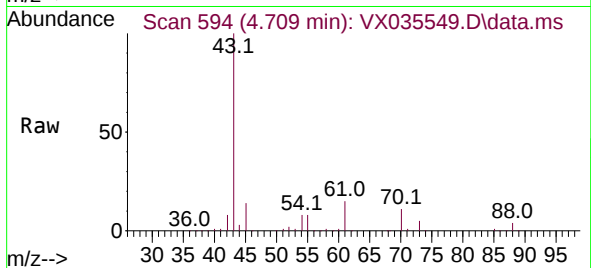
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.2	15.4
70	11.4	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#38

Carbon Tetrachloride

Concen: 56.094 ug/l

RT: 5.678 min Scan# 753

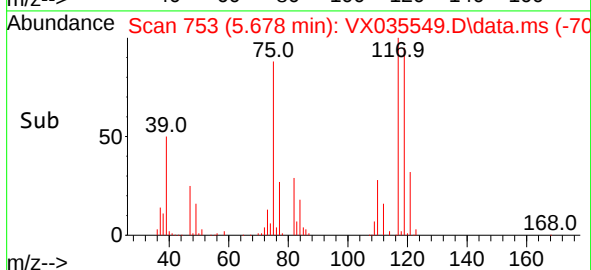
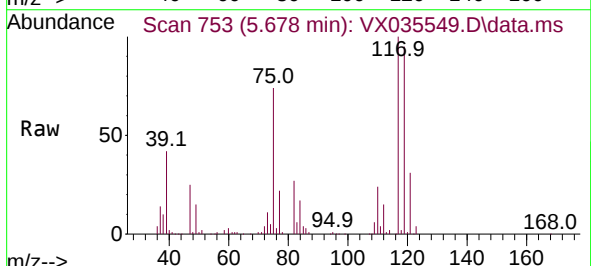
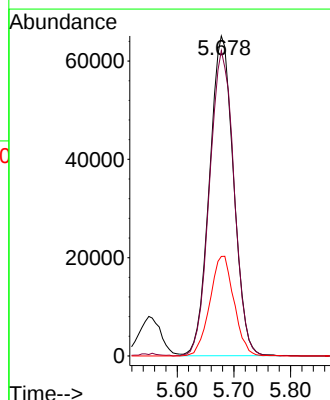
Delta R.T. 0.001 min

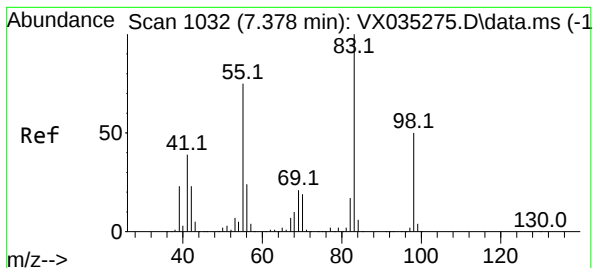
Lab File: VX035549.D

Acq: 05 May 2023 20:17

Tgt Ion:117 Resp: 191944

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	114.8
121	31.1	23.8	35.6





#39

Methylcyclohexane

Concen: 43.903 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 192630

Ion Ratio Lower Upper

83 100

55 75.8 60.5 90.7

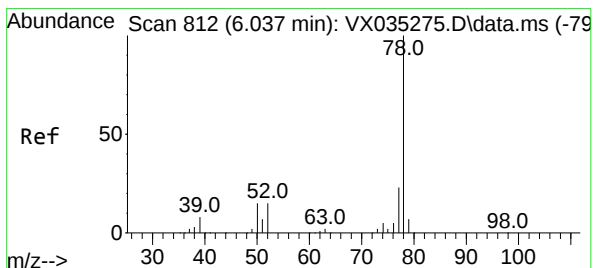
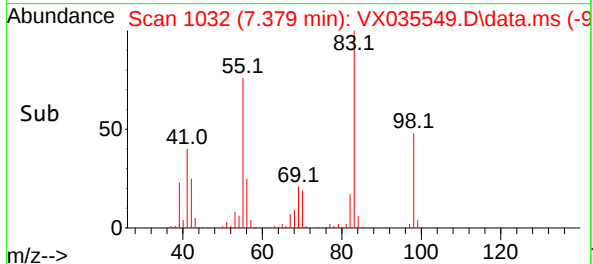
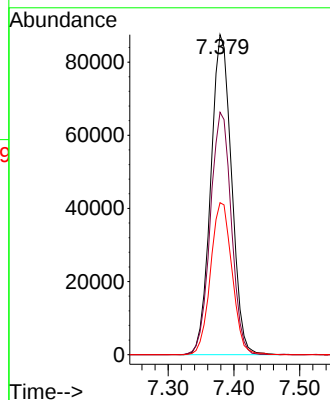
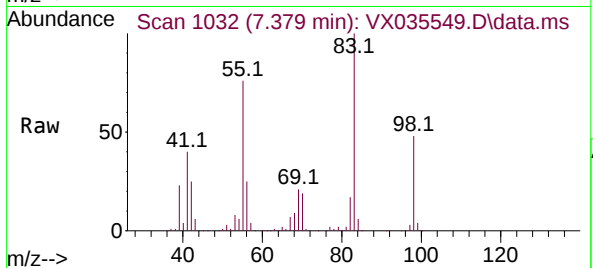
98 47.5 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#40

Benzene

Concen: 54.514 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035549.D

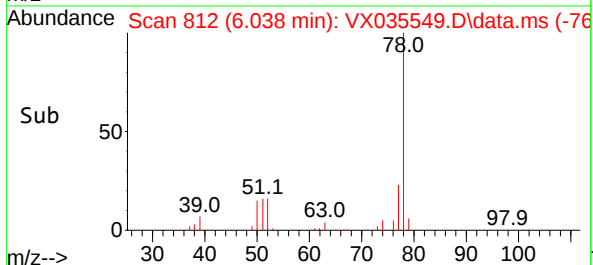
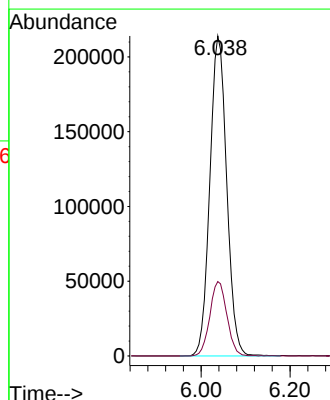
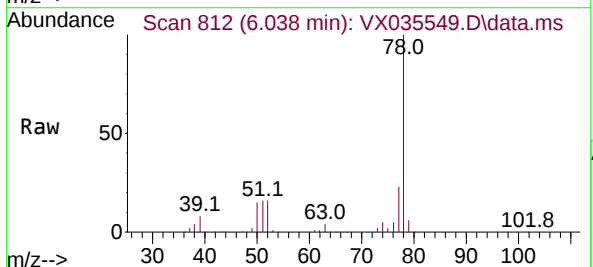
Acq: 05 May 2023 20:17

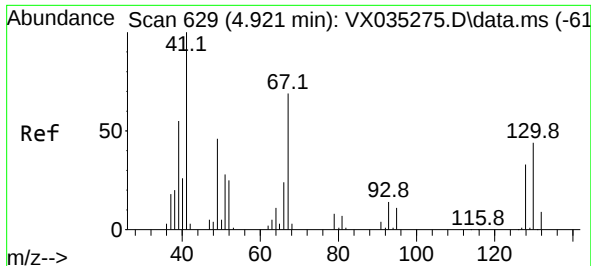
Tgt Ion: 78 Resp: 563688

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4





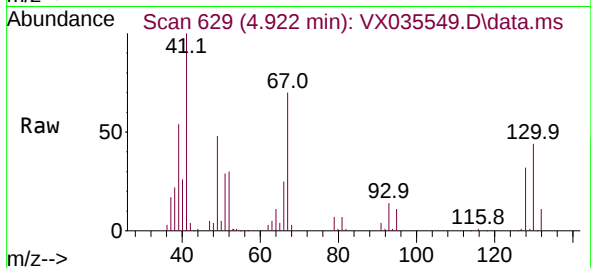
#41
Methacrylonitrile
Concen: 66.161 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



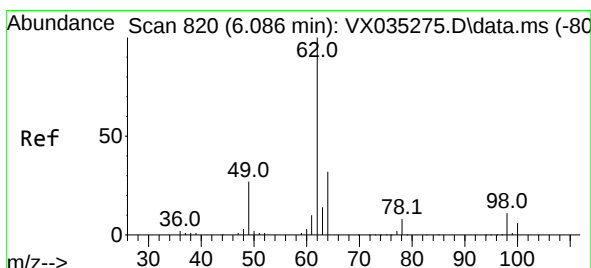
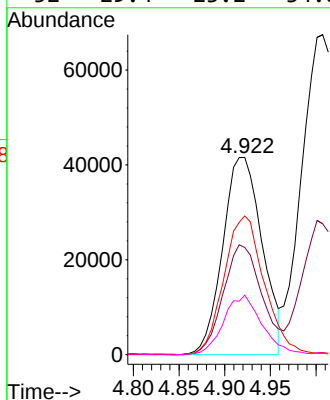
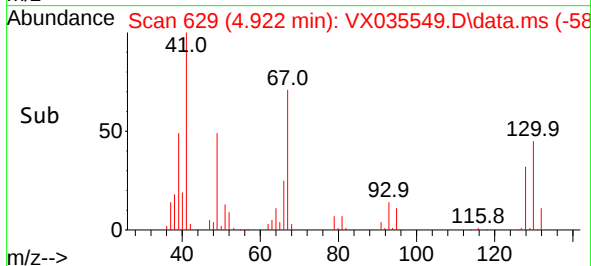
Tgt Ion:	41	Resp:	124808
Ion Ratio	100	Lower	Upper
39	55.5	45.0	67.6
67	72.4	55.6	83.4
52	29.4	23.2	34.8

Manual Integrations

APPROVED

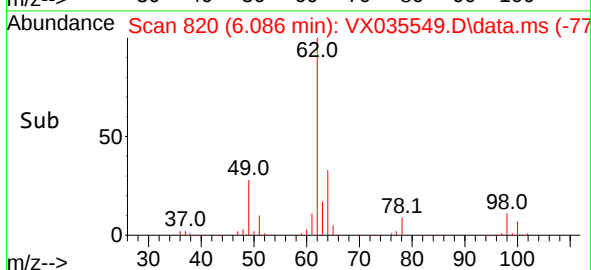
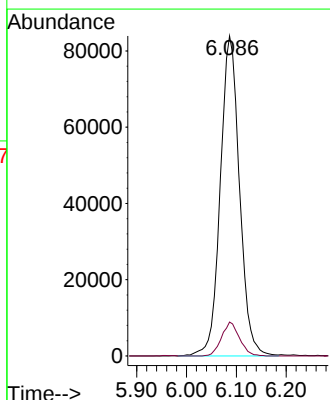
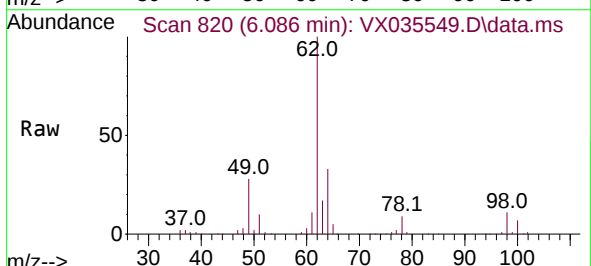
Reviewed By :John Carlone 05/08/2023

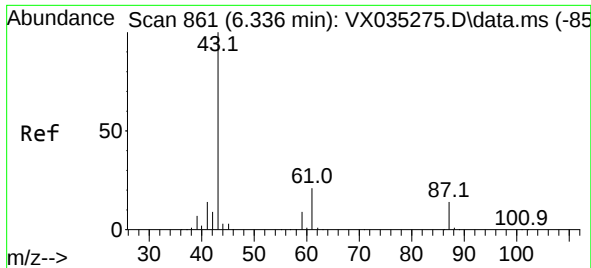
Supervised By :Mahesh Dadoda 05/08/2023



#42
1,2-Dichloroethane
Concen: 60.928 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

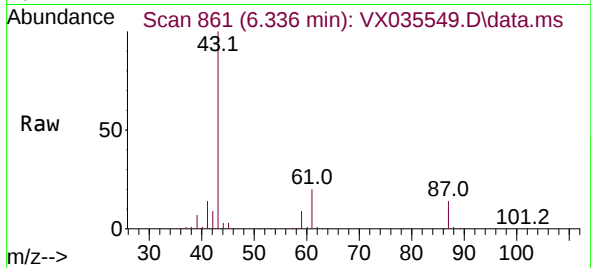
Tgt Ion:	62	Resp:	224628
Ion Ratio	100	Lower	Upper
98	9.9	0.0	18.0





#43
Isopropyl Acetate
Concen: 66.042 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

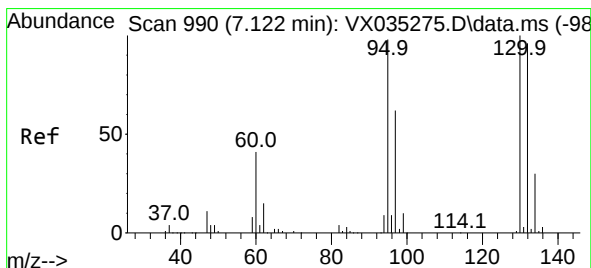
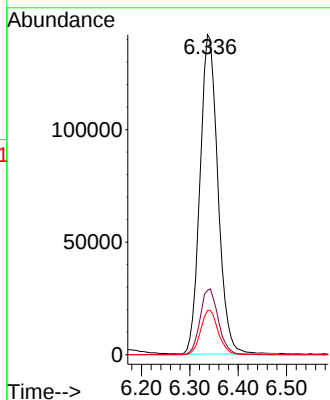
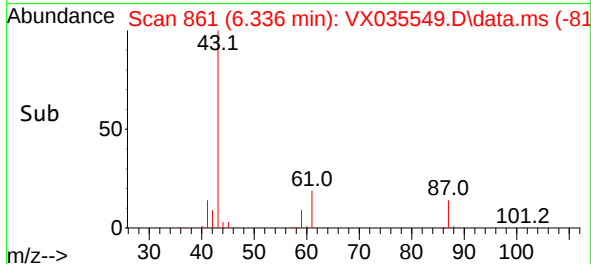
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



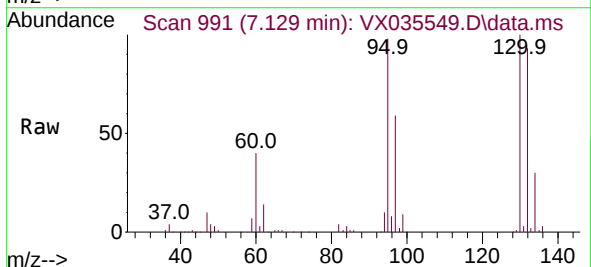
Tgt Ion: 43 Resp: 365338
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 13.6 9.8 14.8

Manual Integrations
APPROVED

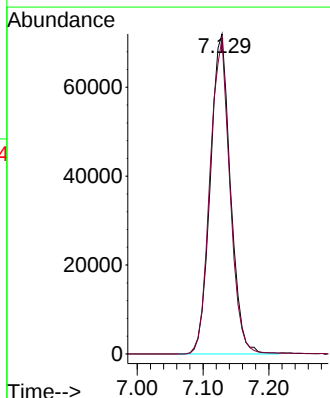
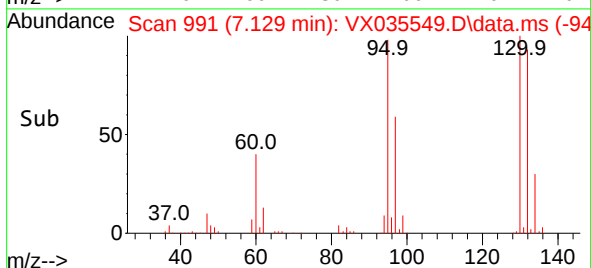
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

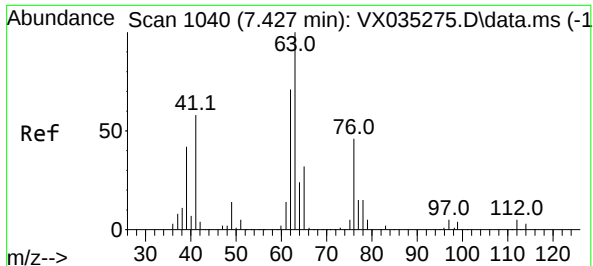


#44
Trichloroethene
Concen: 53.719 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17



Tgt Ion:130 Resp: 153022
Ion Ratio Lower Upper
130 100
95 98.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 60.025 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 156479

Ion Ratio Lower Upper

63 100

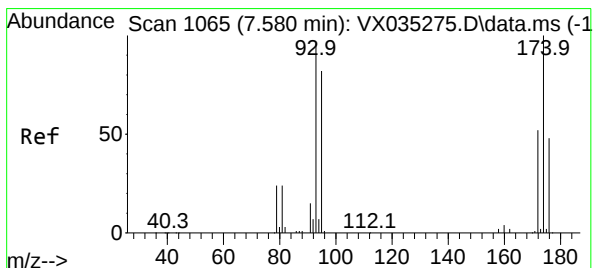
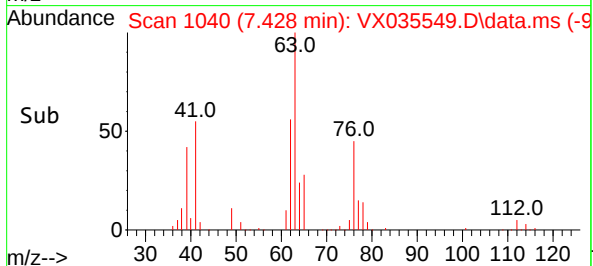
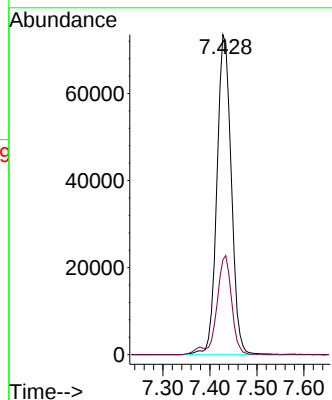
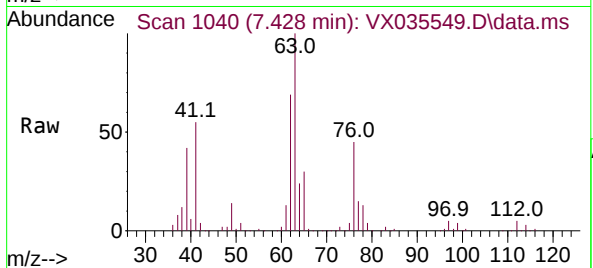
65 29.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#46

Dibromomethane

Concen: 62.456 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

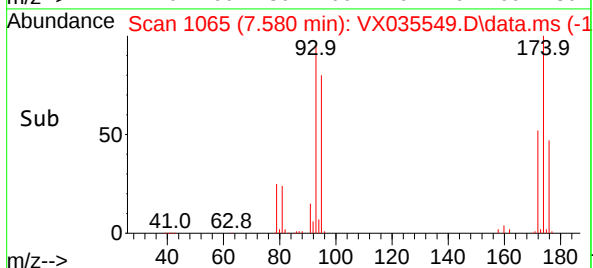
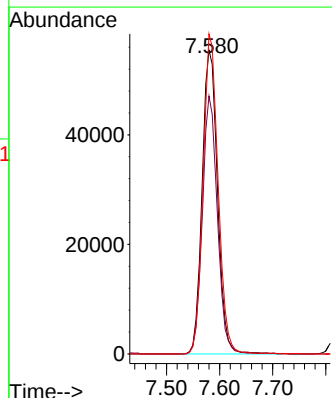
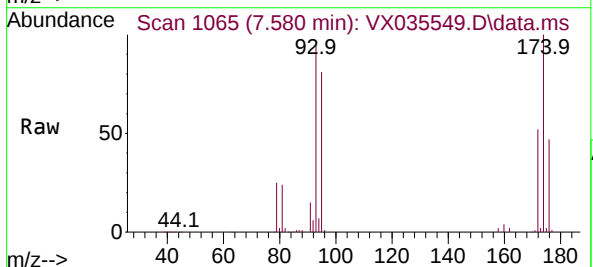
Tgt Ion: 93 Resp: 111809

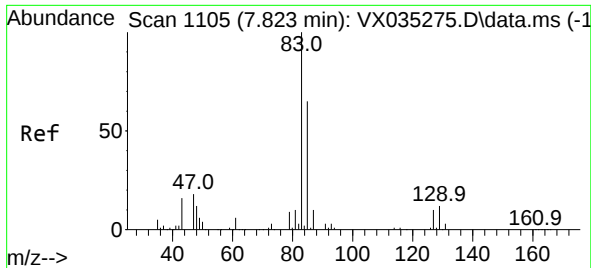
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

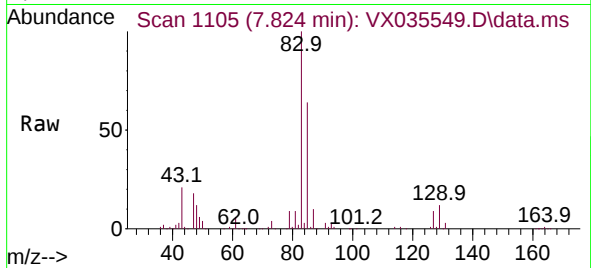
174 102.4 75.4 113.0





#47
Bromodichloromethane
Concen: 61.603 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

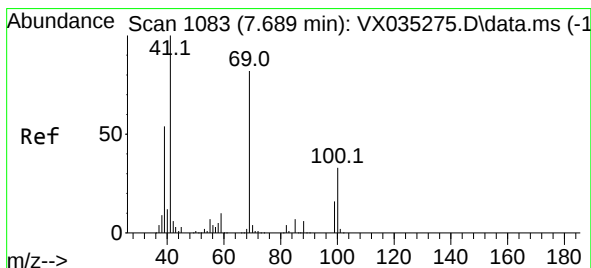
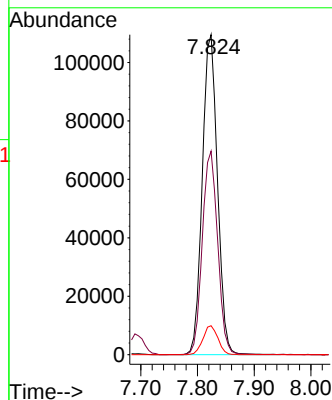
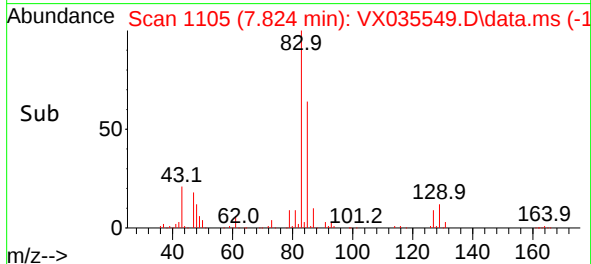
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 203188
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4
127 9.0 6.6 9.8

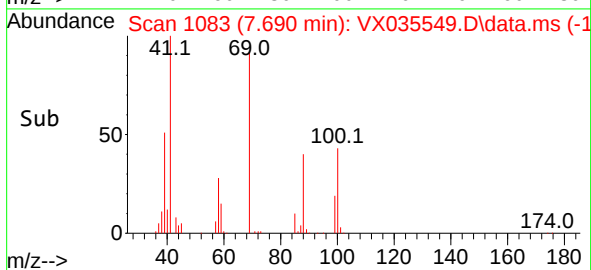
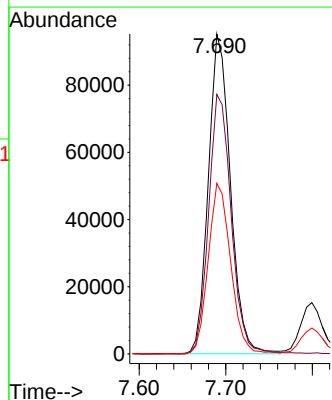
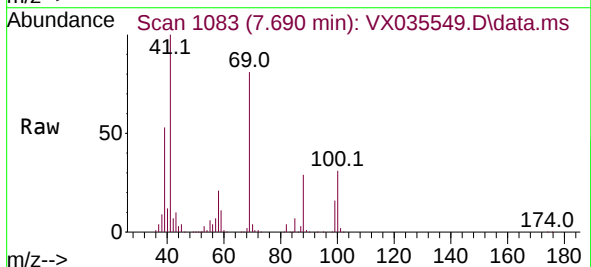
Manual Integrations
APPROVED

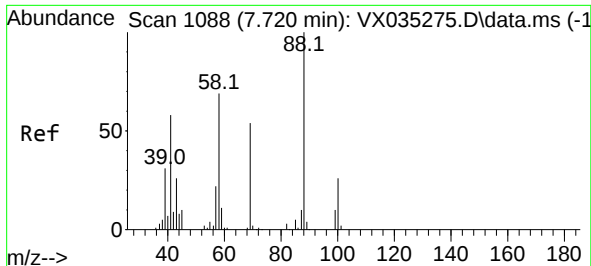
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#48
Methyl methacrylate
Concen: 62.127 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion: 41 Resp: 168585
Ion Ratio Lower Upper
41 100
69 83.2 62.2 93.4
39 54.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1262.694 ug/l

RT: 7.690 min Scan# 1088

Delta R.T. -0.030 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 83519

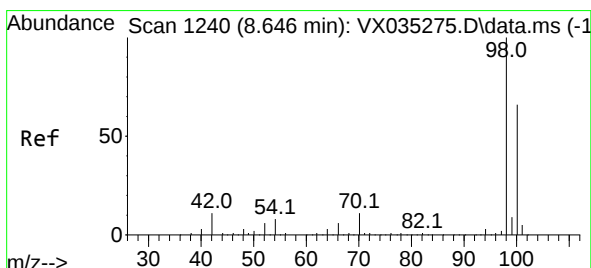
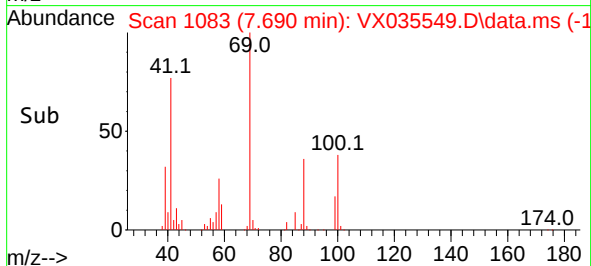
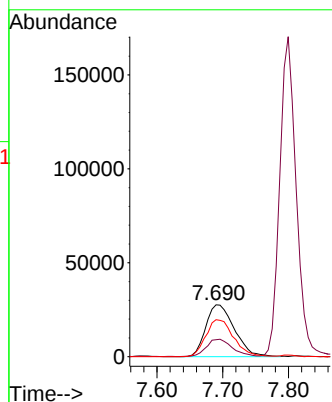
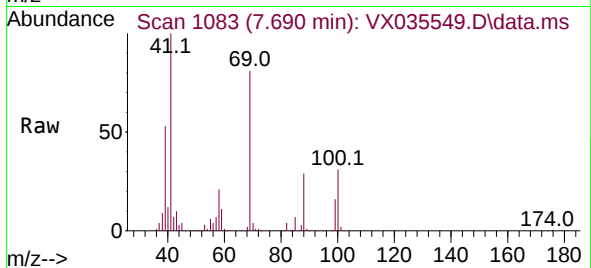
Ion	Ratio	Lower	Upper
88	100		
43	30.8	27.7	41.5
58	69.6	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#50

Toluene-d8

Concen: 41.797 ug/l

RT: 8.647 min Scan# 1240

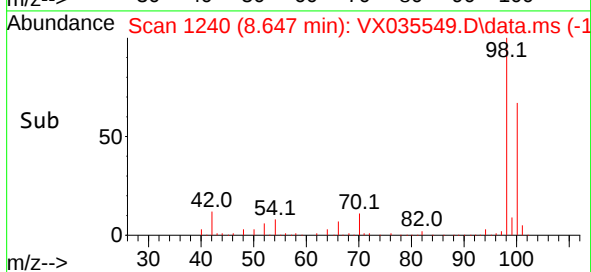
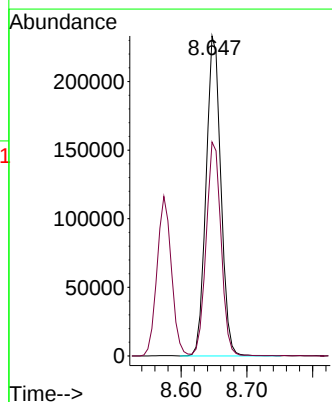
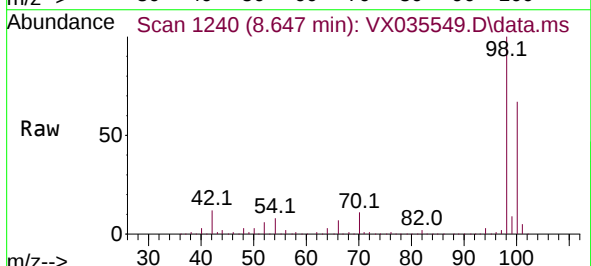
Delta R.T. 0.001 min

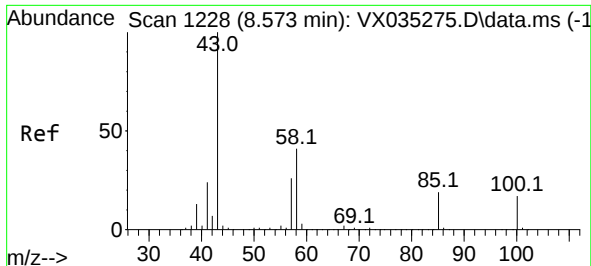
Lab File: VX035549.D

Acq: 05 May 2023 20:17

Tgt Ion: 98 Resp: 363986

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 310.316 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

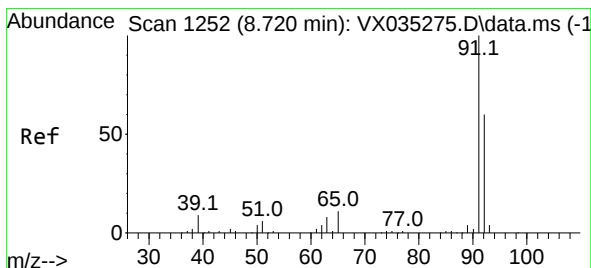
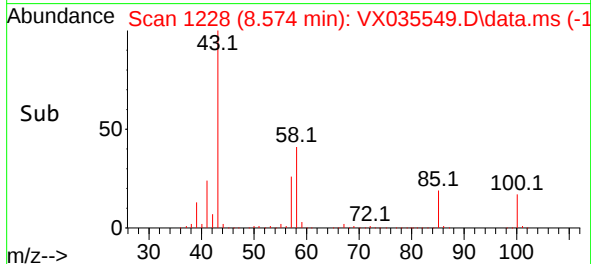
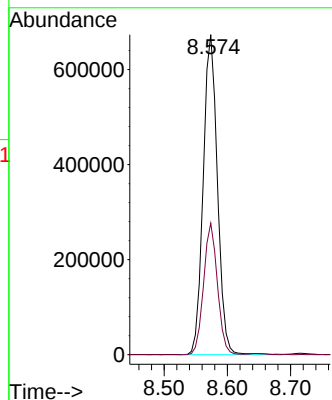
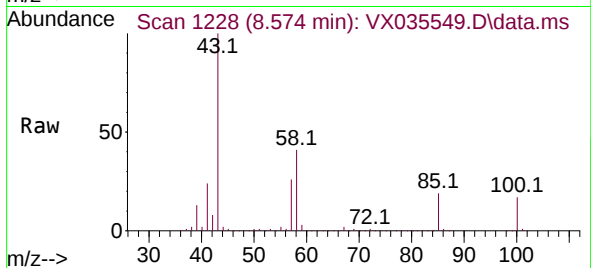
VSTDCCC050EC

Tgt Ion: 43 Resp: 1054640
Ion Ratio Lower Upper
43 100
58 39.9 30.6 46.0

Manual Integrations

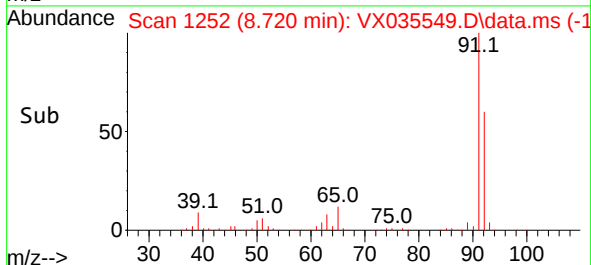
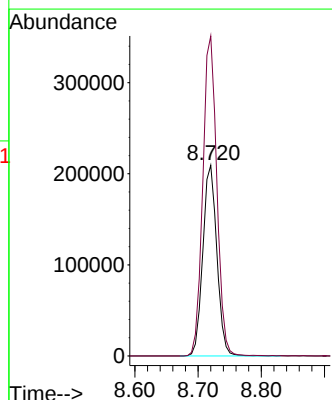
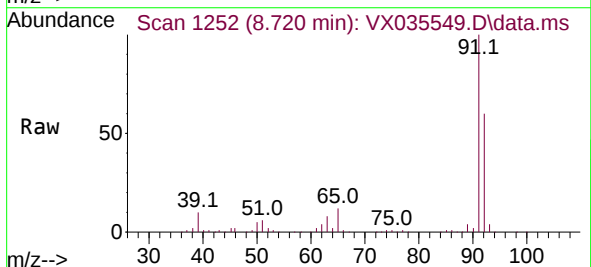
APPROVED

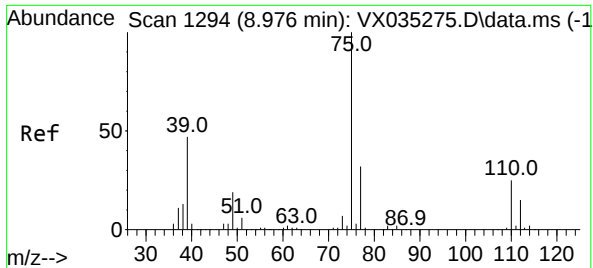
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#52
Toluene
Concen: 49.370 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion: 92 Resp: 323593
Ion Ratio Lower Upper
92 100
91 167.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 61.958 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 213419

Ion Ratio Lower Upper

75 100

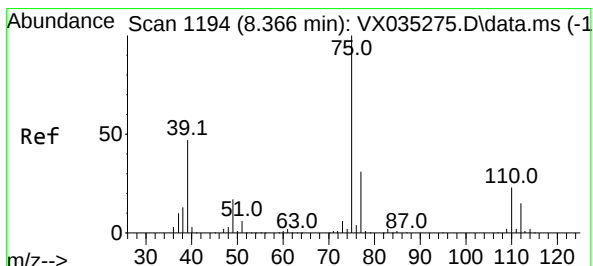
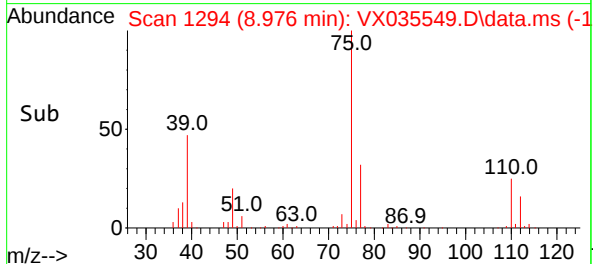
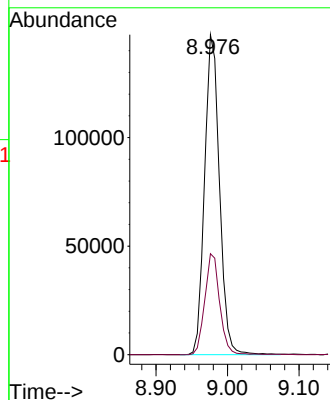
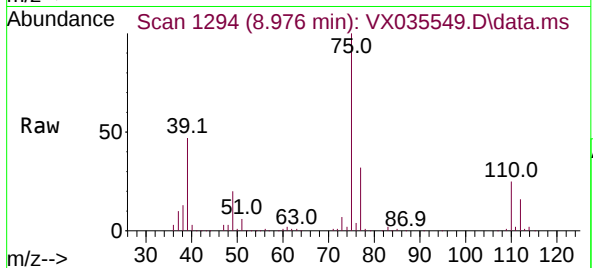
77 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#54

cis-1,3-Dichloropropene

Concen: 61.051 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

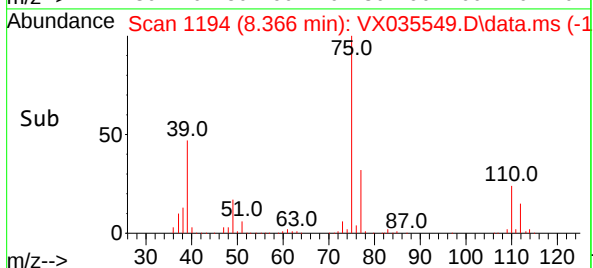
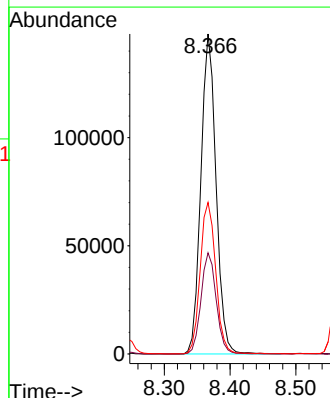
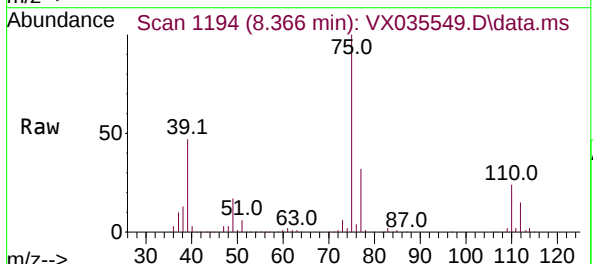
Tgt Ion: 75 Resp: 237698

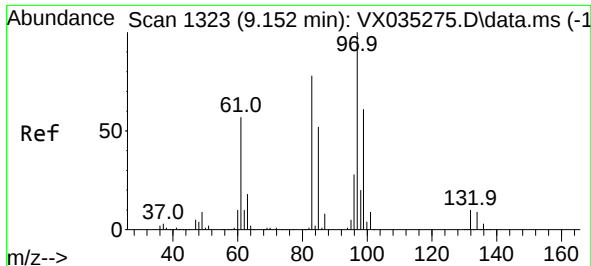
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 47.3 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 57.420 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 15003

Ion Ratio Lower Upper

97 100

83 84.0 69.7 104.5

85 55.7 43.7 65.5

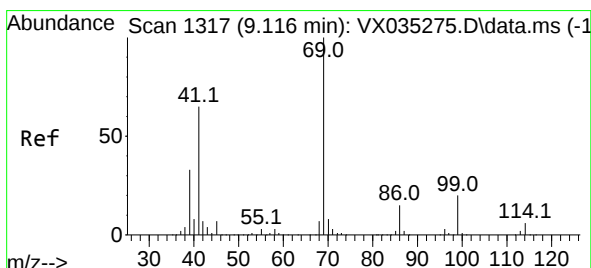
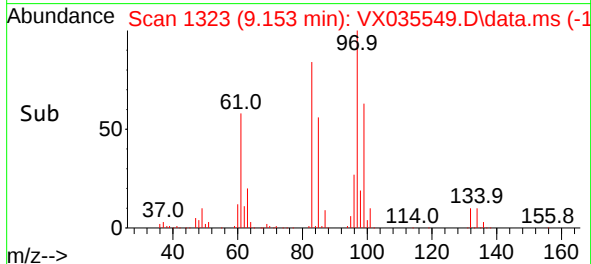
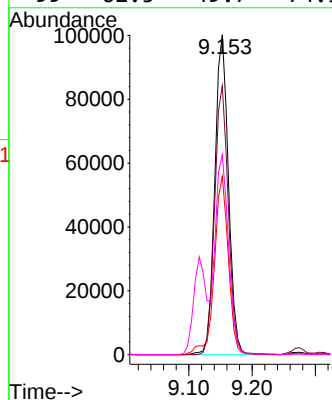
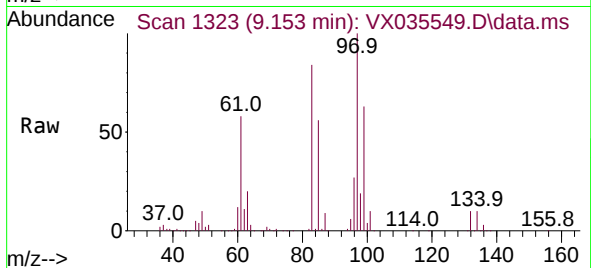
99 62.5 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#56

Ethyl methacrylate

Concen: 56.469 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

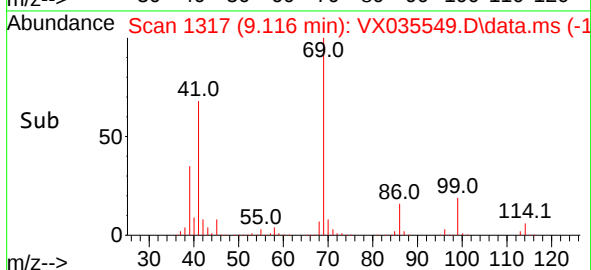
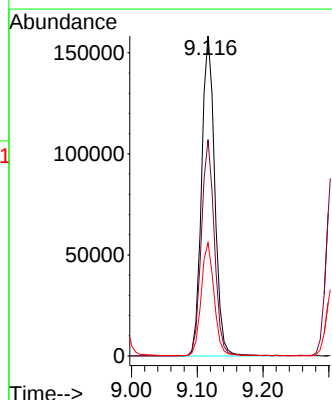
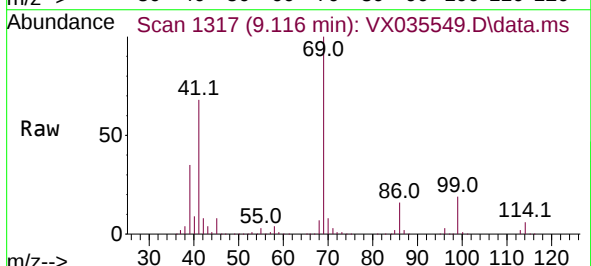
Tgt Ion: 69 Resp: 219796

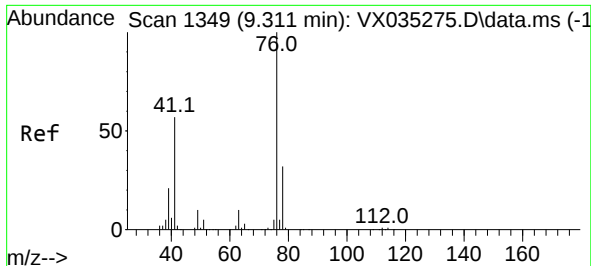
Ion Ratio Lower Upper

69 100

41 66.9 57.4 86.0

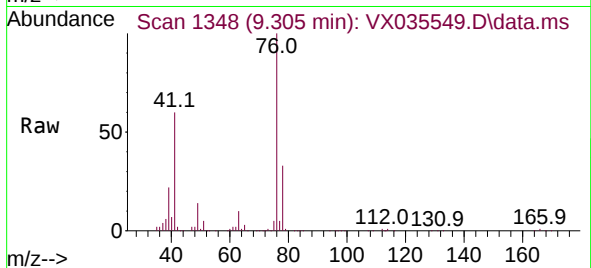
39 34.5 33.7 50.5





#57
1,3-Dichloropropane
Concen: 57.340 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

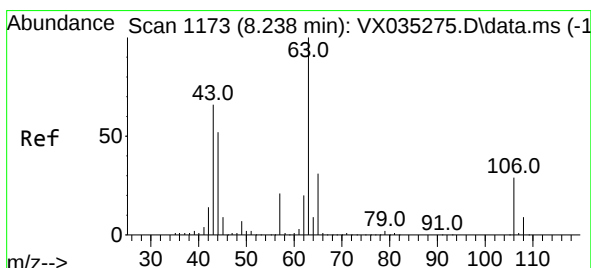
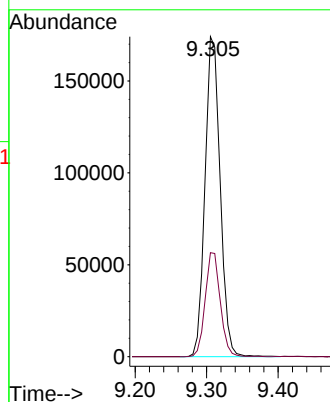
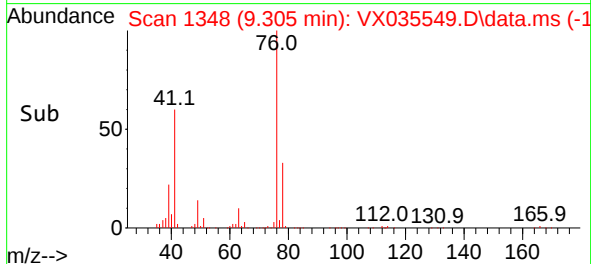
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 25626
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

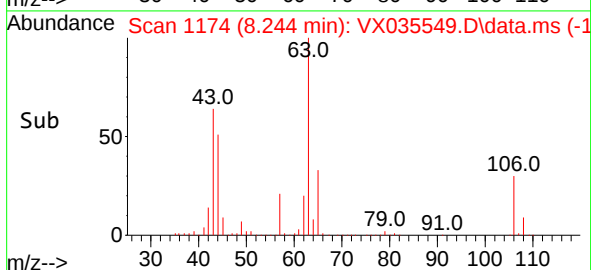
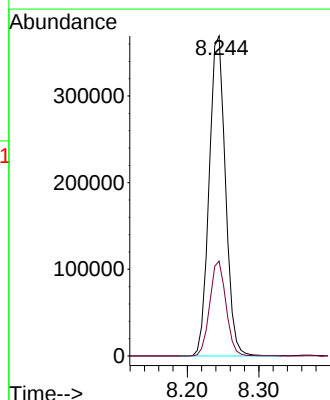
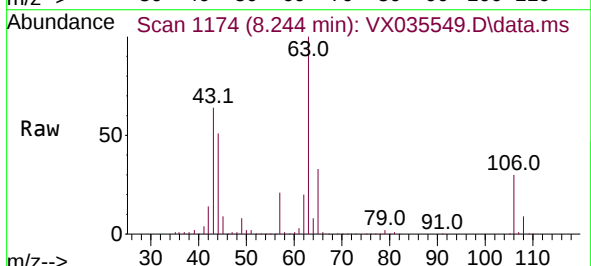
Manual Integrations
APPROVED

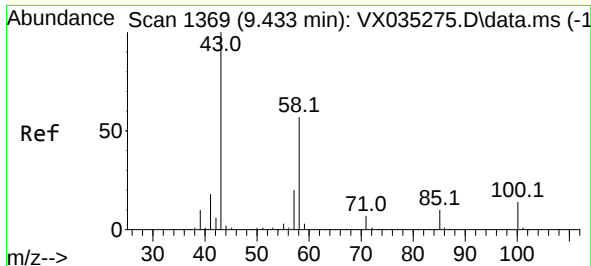
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 300.597 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion: 63 Resp: 585034
Ion Ratio Lower Upper
63 100
106 29.5 22.2 33.2





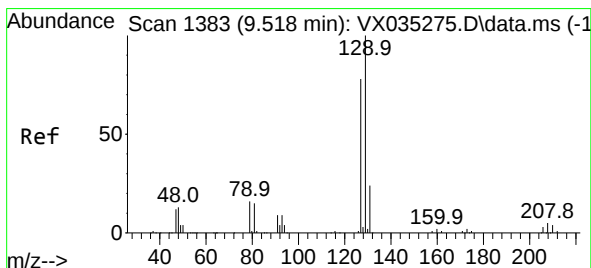
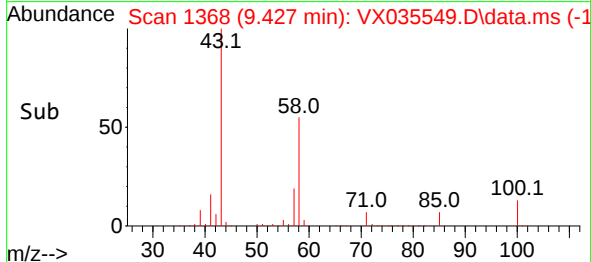
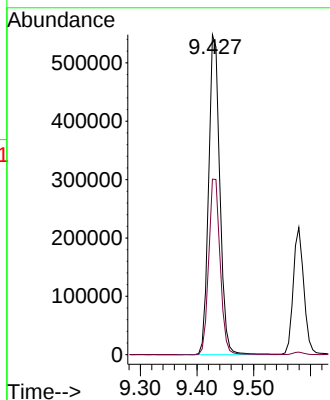
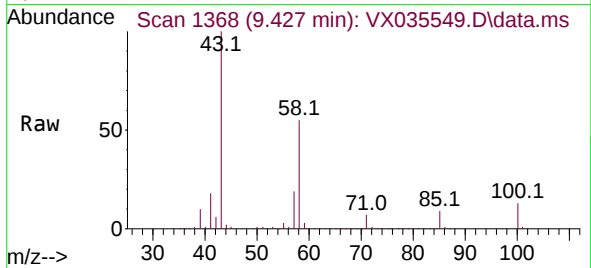
#59
2-Hexanone
Concen: 295.498 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 754464
Ion Ratio Lower Upper
43 100
58 55.9 26.3 78.9

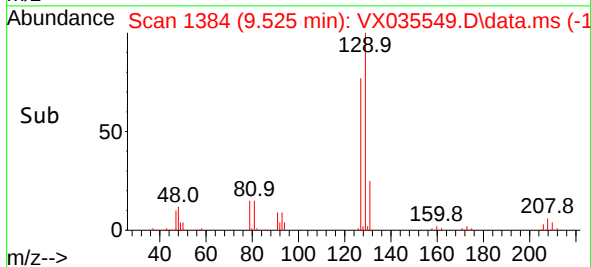
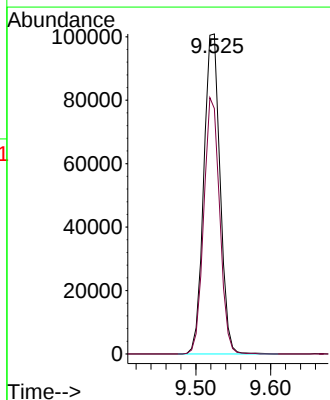
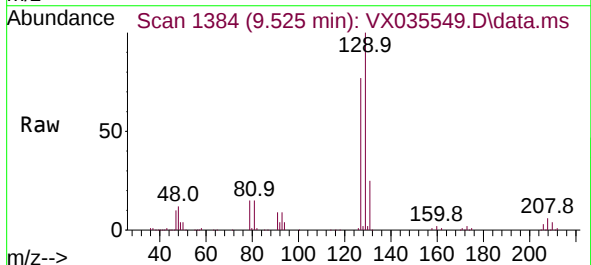
Manual Integrations
APPROVED

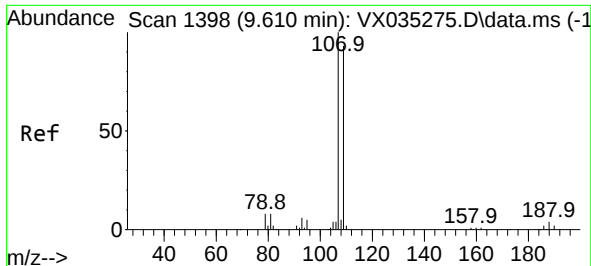
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#60
Dibromochloromethane
Concen: 60.911 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.007 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

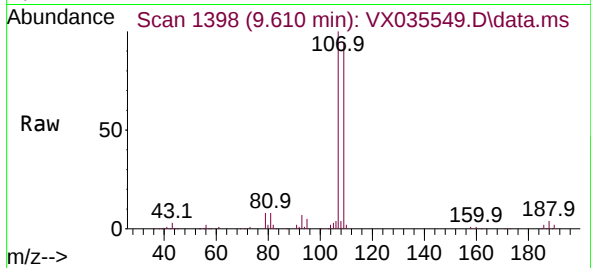
Tgt Ion:129 Resp: 152487
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 57.780 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

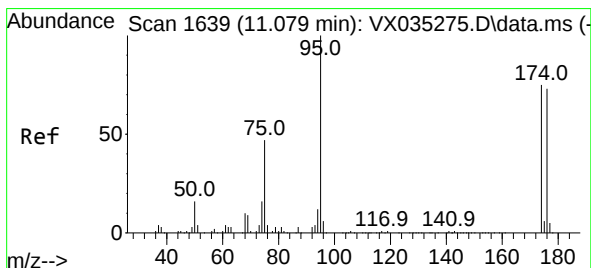
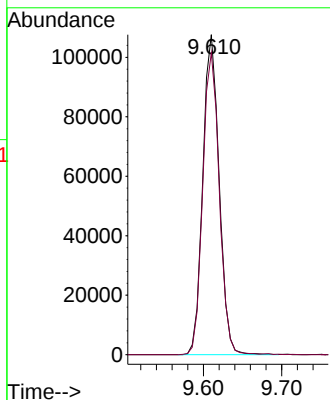
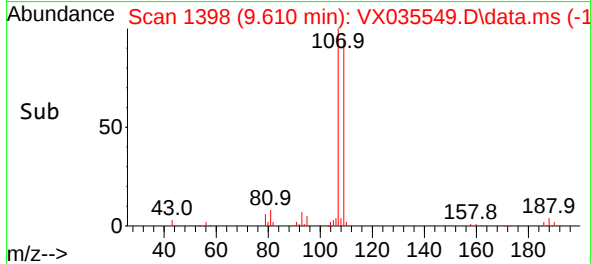
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 155638
Ion Ratio Lower Upper
107 100
109 95.4 75.3 112.9

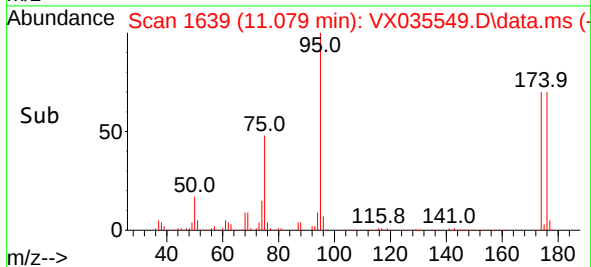
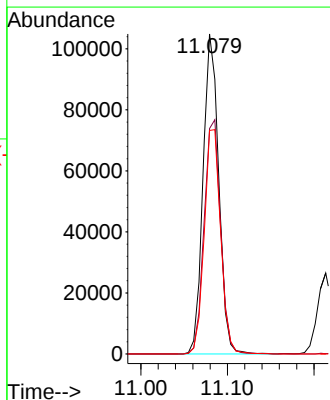
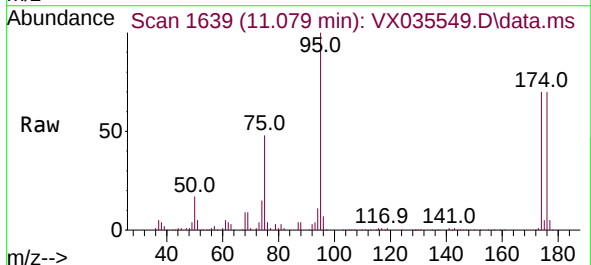
Manual Integrations
APPROVED

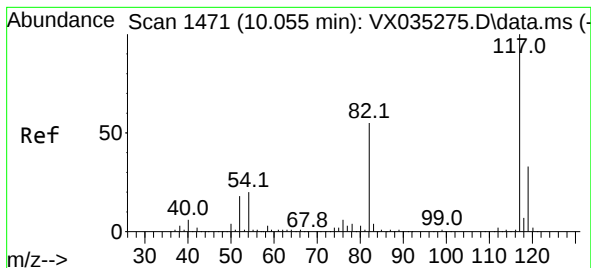
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#62
4-Bromofluorobenzene
Concen: 40.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

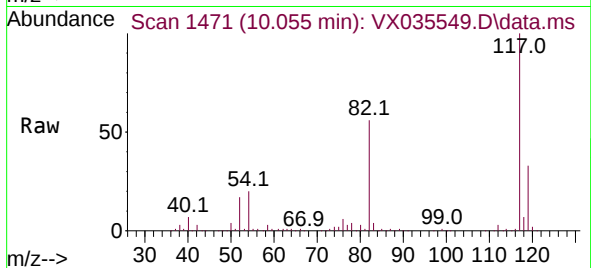
Tgt Ion: 95 Resp: 131764
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.4
176 73.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

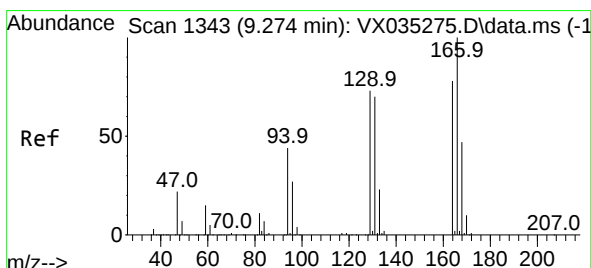
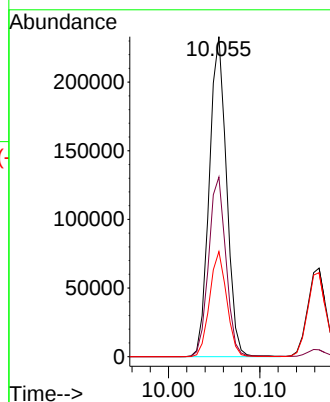
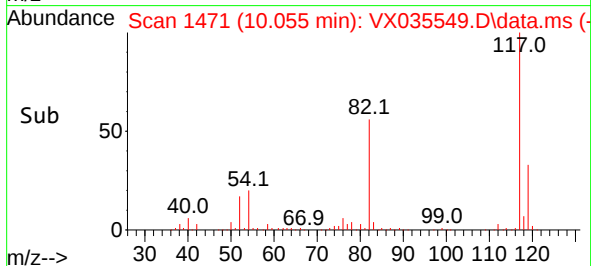
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 305090
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 32.9 26.0 39.0

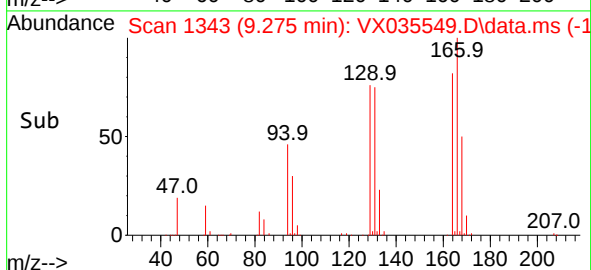
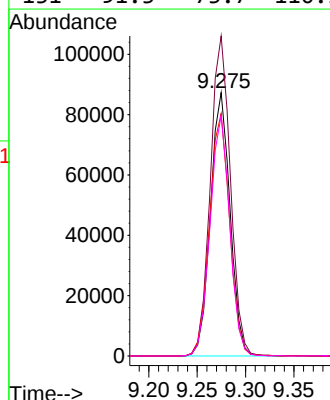
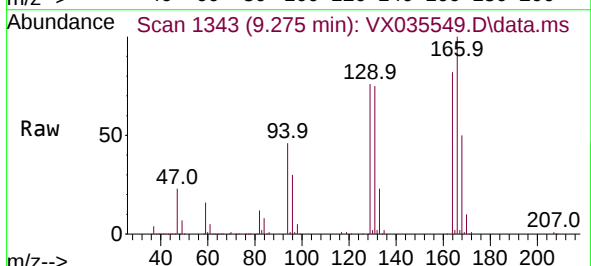
Manual Integrations
APPROVED

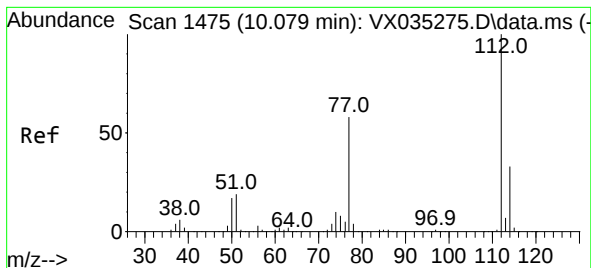
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#64
Tetrachloroethene
Concen: 52.775 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

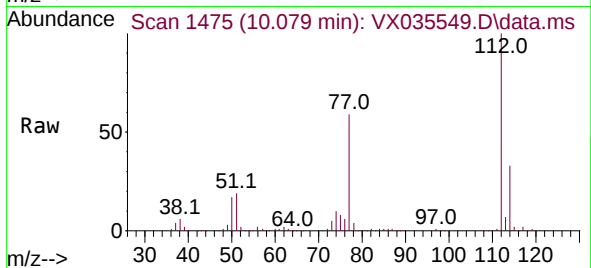
Tgt Ion:164 Resp: 123282
Ion Ratio Lower Upper
164 100
166 121.5 102.7 154.1
129 92.0 75.6 113.4
131 91.3 73.7 110.5





#65
Chlorobenzene
Concen: 50.662 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

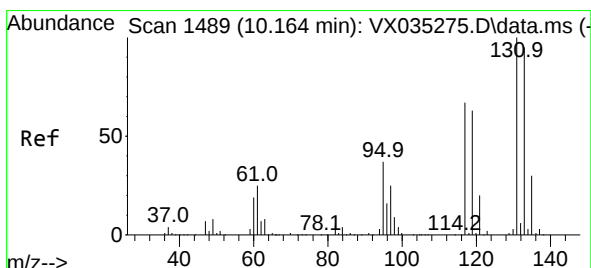
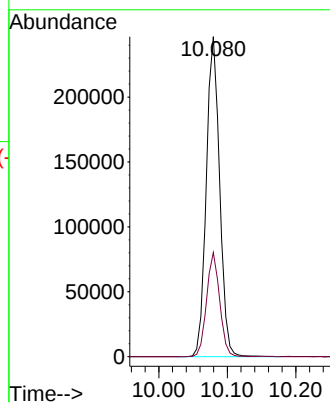
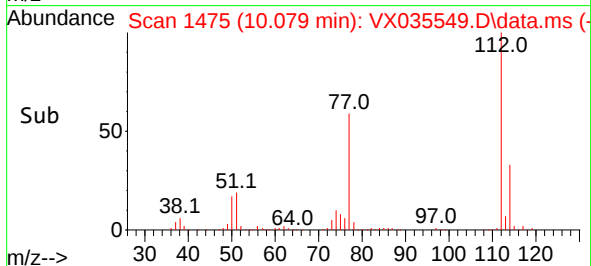
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



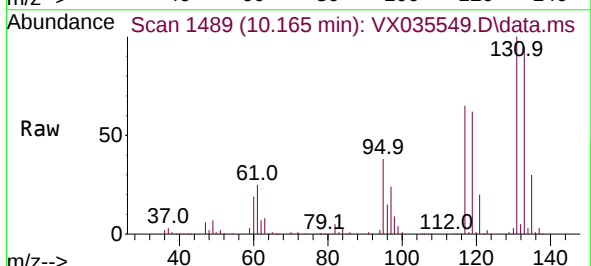
Tgt Ion:112 Resp: 334400
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

Manual Integrations
APPROVED

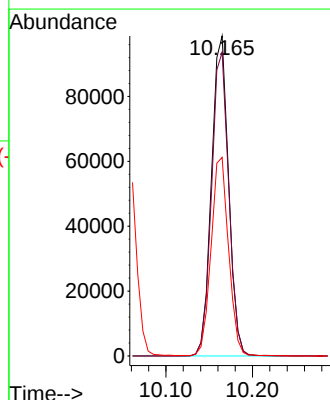
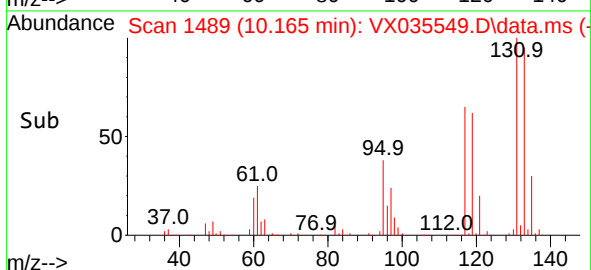
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

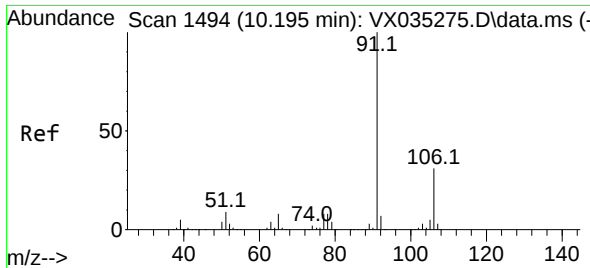


#66
1,1,1,2-Tetrachloroethane
Concen: 58.811 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17



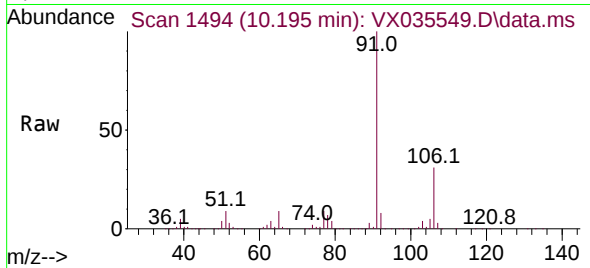
Tgt Ion:131 Resp: 135100
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 63.8 32.6 98.0





#67
Ethyl Benzene
Concen: 50.857 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

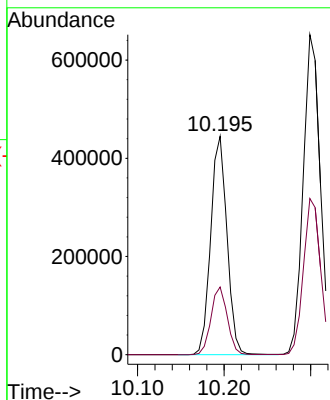
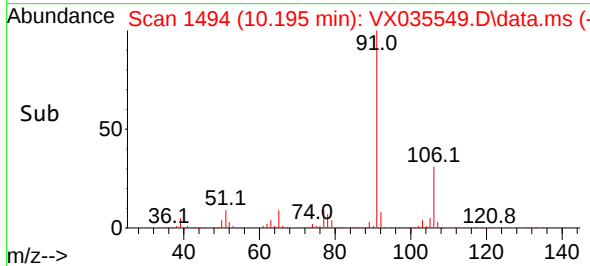
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



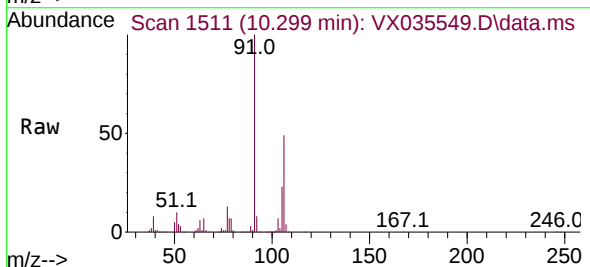
Tgt Ion: 91 Resp: 581348
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

Manual Integrations
APPROVED

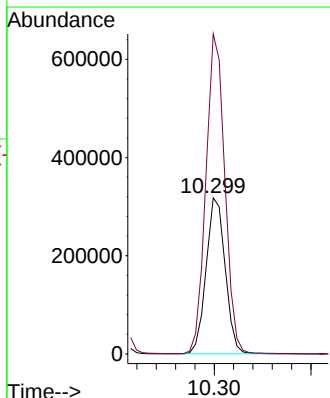
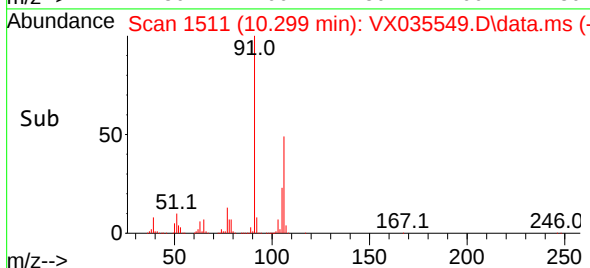
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

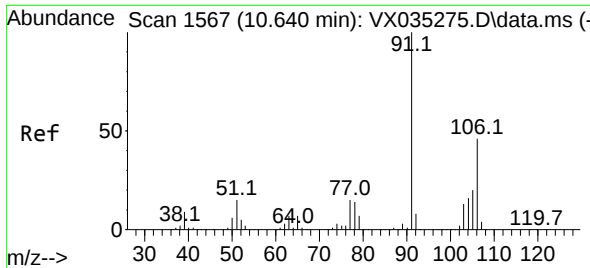


#68
m/p-Xylenes
Concen: 99.630 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17



Tgt Ion:106 Resp: 436391
Ion Ratio Lower Upper
106 100
91 203.8 164.0 246.0





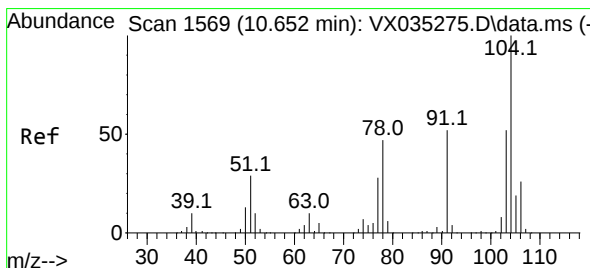
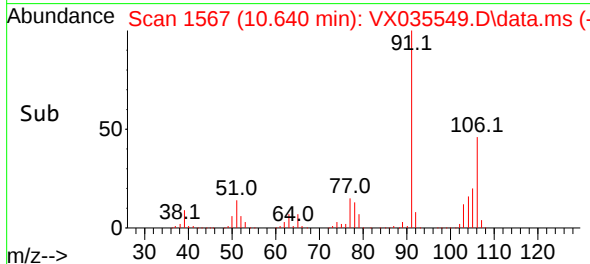
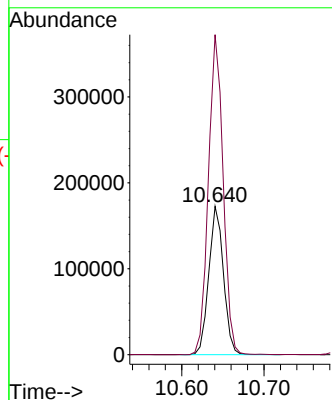
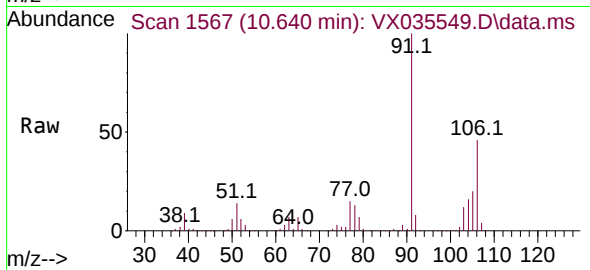
#69
o-Xylene
Concen: 49.835 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 214048
Ion Ratio Lower Upper
106 100
91 217.1 108.5 325.3

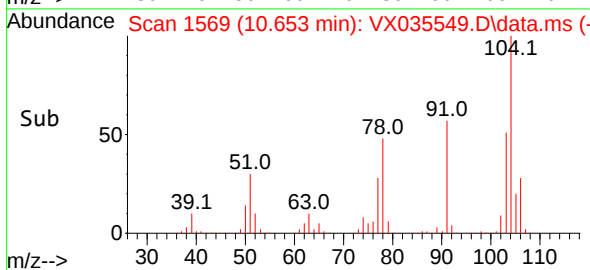
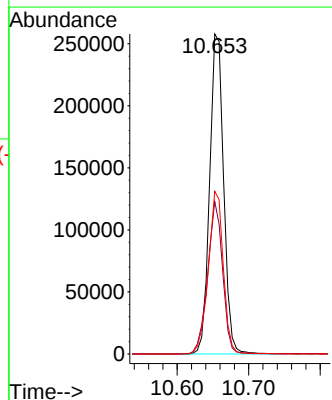
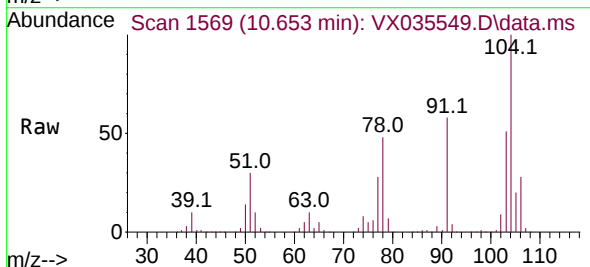
Manual Integrations
APPROVED

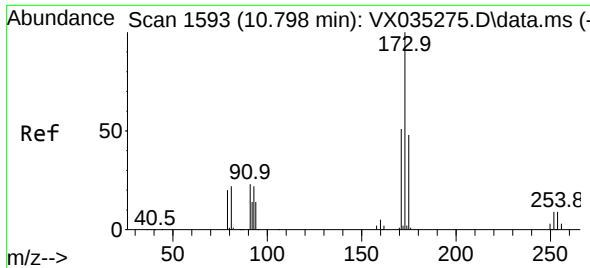
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#70
Styrene
Concen: 50.496 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

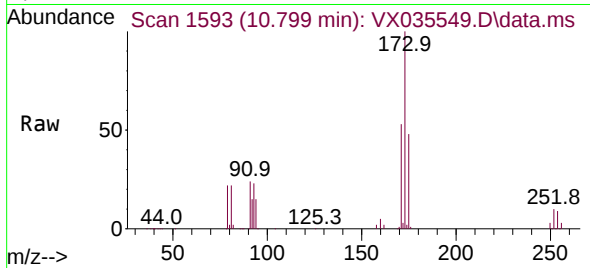
Tgt Ion:104 Resp: 351659
Ion Ratio Lower Upper
104 100
78 50.7 43.4 65.2
103 54.4 44.2 66.2





#71
Bromoform
Concen: 63.512 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

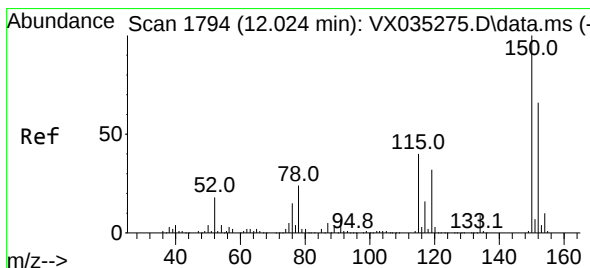
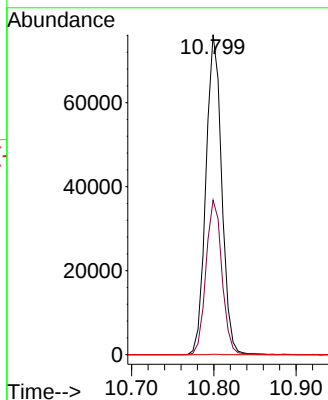
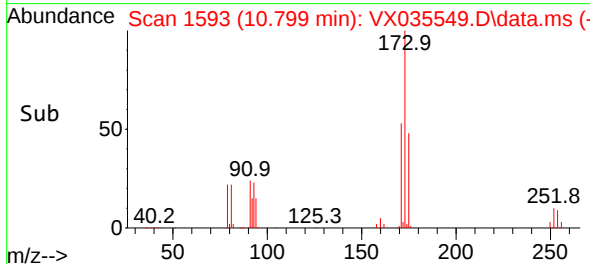
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 101484
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.1 0.1 0.1

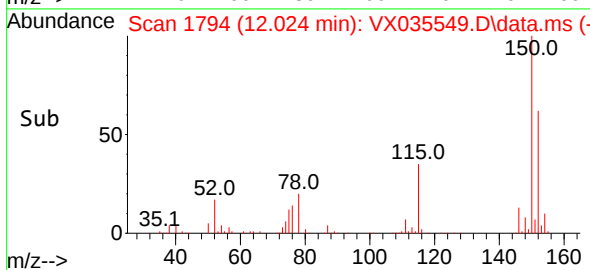
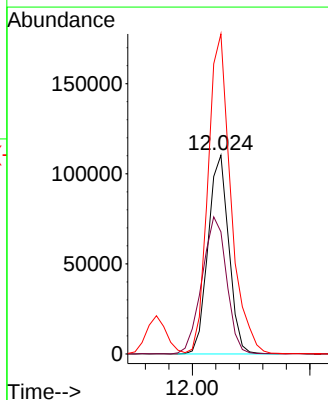
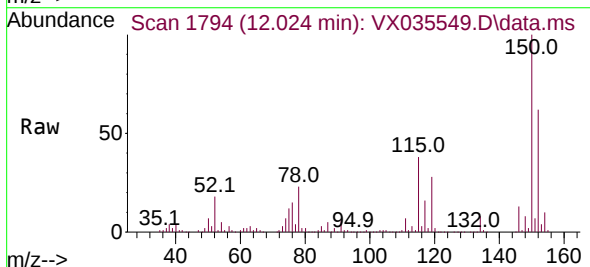
Manual Integrations
APPROVED

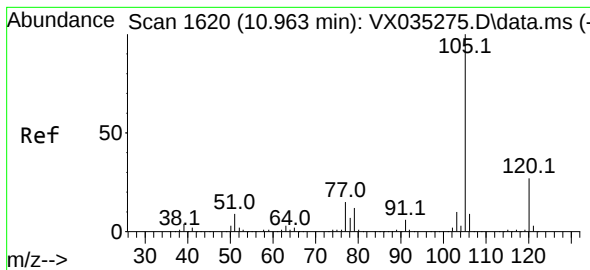
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion:152 Resp: 135160
Ion Ratio Lower Upper
152 100
115 82.1 45.0 135.0
150 177.4 0.0 352.4





#73

Isopropylbenzene

Concen: 55.302 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 546392

Ion Ratio Lower Upper

105 100

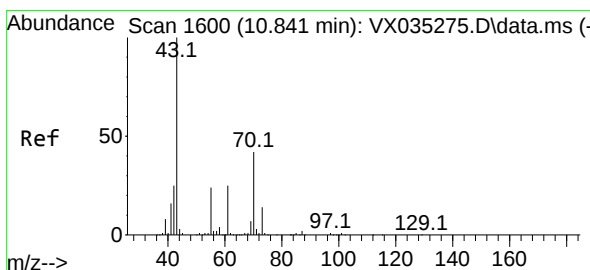
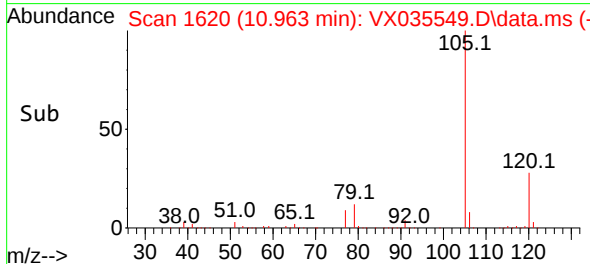
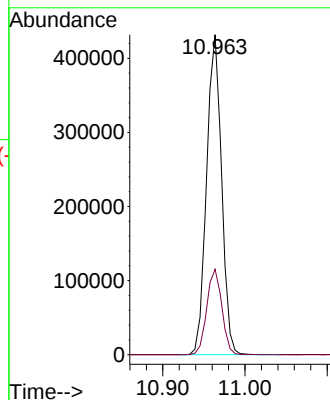
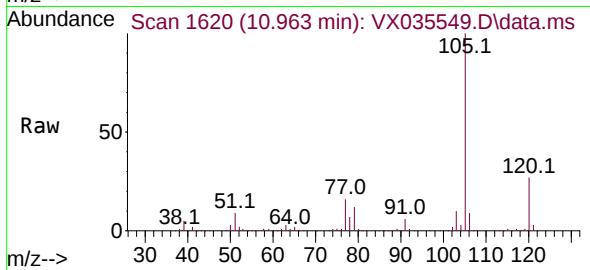
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#74

N-ethyl acetate

Concen: 67.960 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Tgt Ion: 43 Resp: 252333

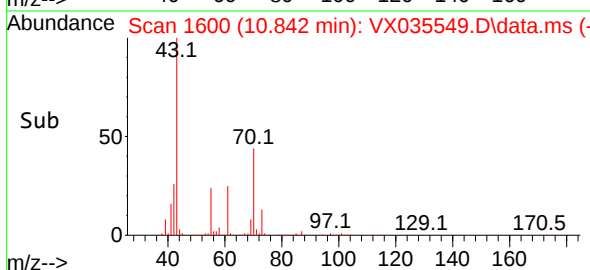
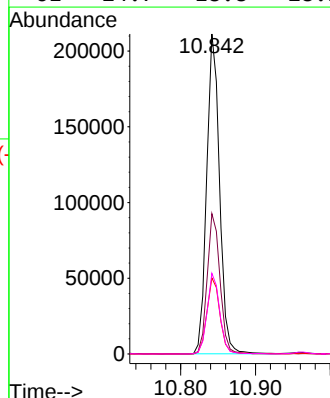
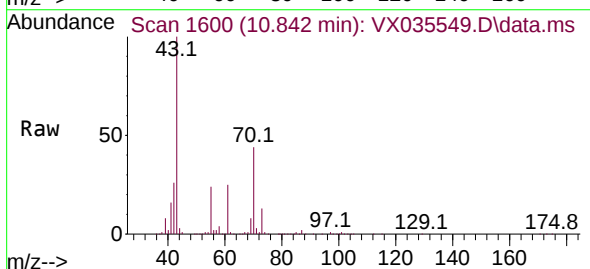
Ion Ratio Lower Upper

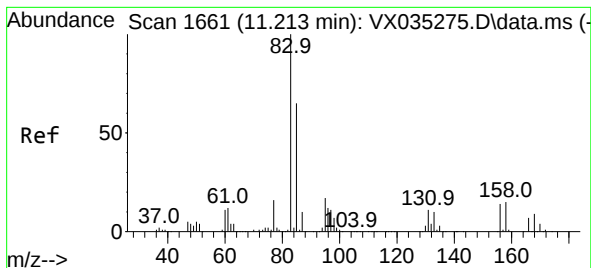
43 100

70 43.7 32.1 48.1

55 24.1 18.3 27.5

61 24.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 67.184 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

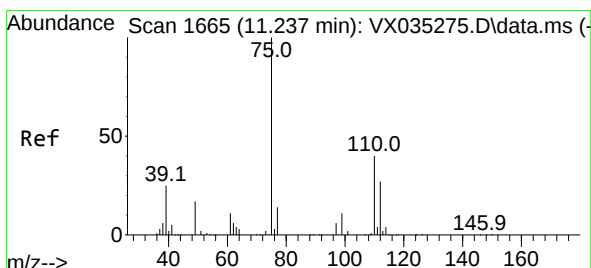
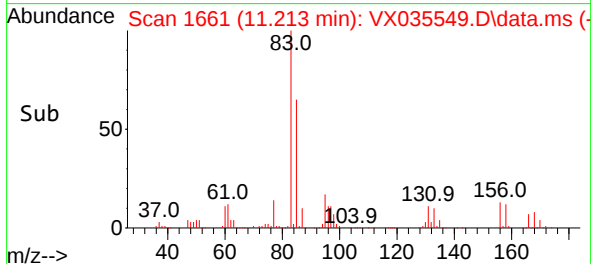
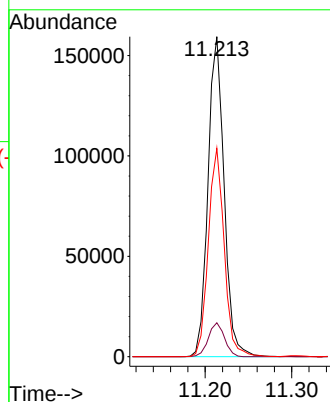
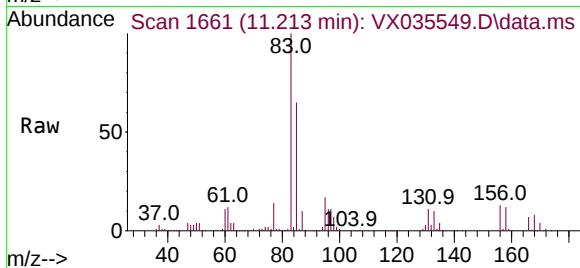
Tgt Ion:	83	Resp:	20602
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.8	14.3
85	64.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#76

1,2,3-Trichloropropane

Concen: 63.585 ug/l m

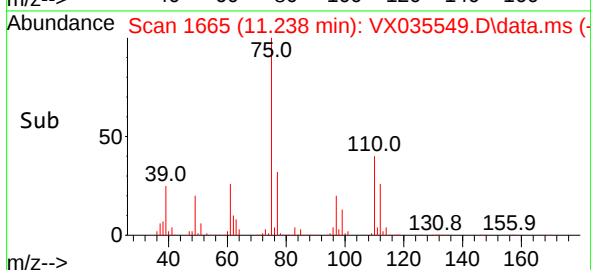
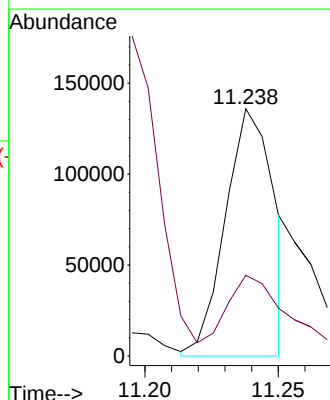
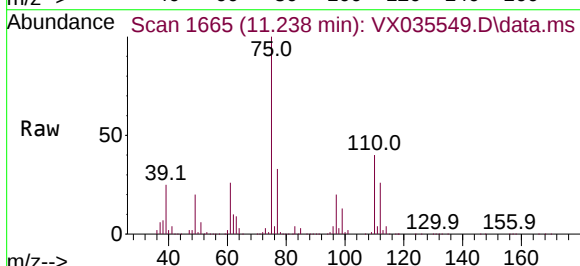
RT: 11.238 min Scan# 1665

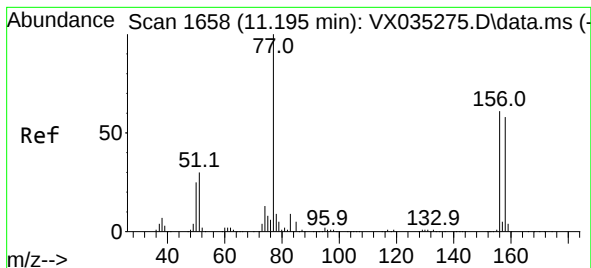
Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Tgt Ion:	75	Resp:	171435
Ion Ratio	Lower	Upper	
75	100		
77	43.0	21.6	64.8





#77

Bromobenzene

Concen: 56.331 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

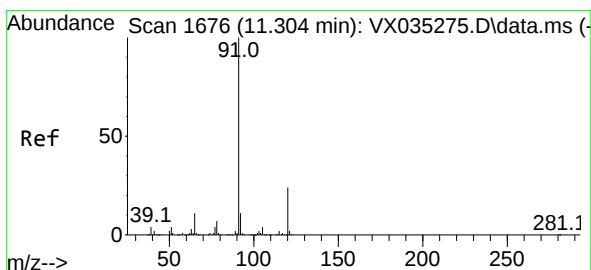
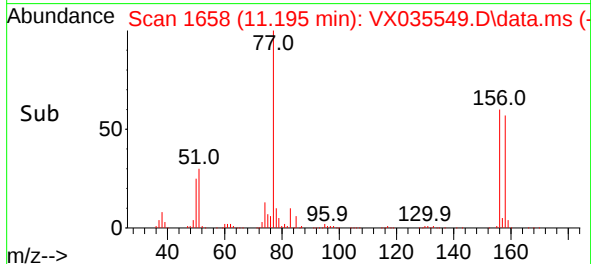
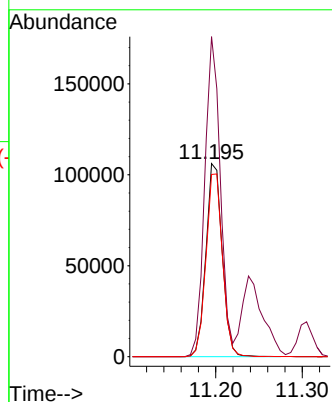
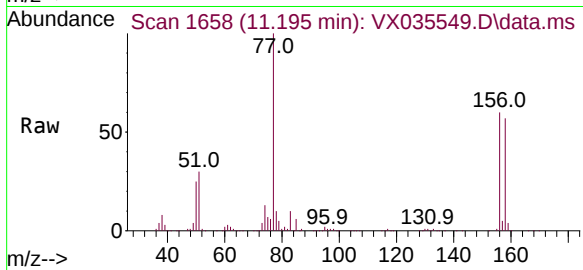
Tgt Ion:	156	Resp:	13834
Ion Ratio	Lower	Upper	
156	100		
77	158.8	86.7	259.9
158	96.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#78

n-propylbenzene

Concen: 51.924 ug/l

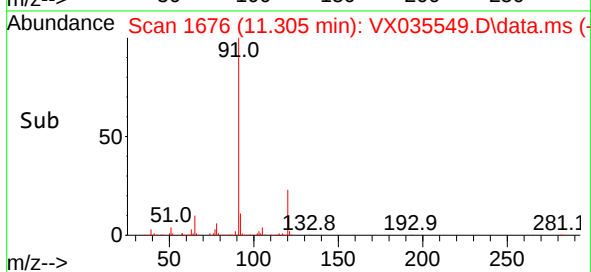
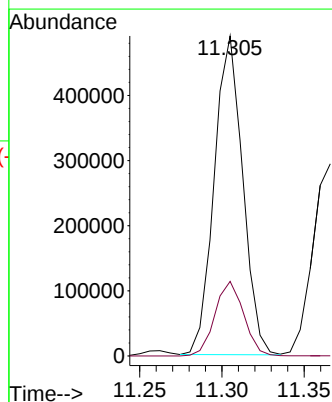
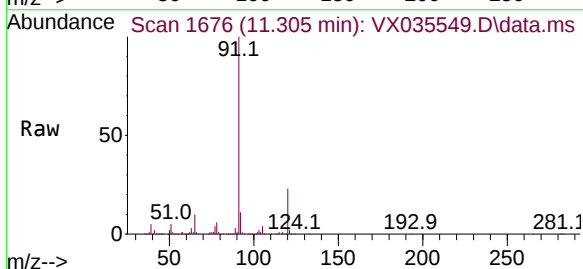
RT: 11.305 min Scan# 1676

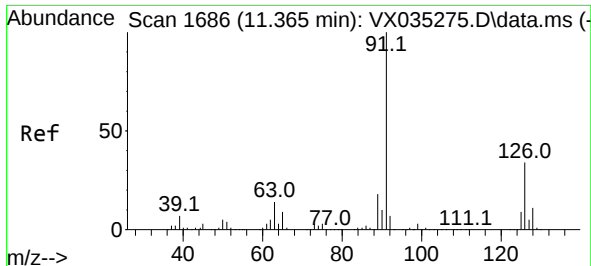
Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Tgt Ion:	91	Resp:	589183
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.5





#79

2-Chlorotoluene

Concen: 52.825 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 37456

Ion Ratio Lower Upper

91 100

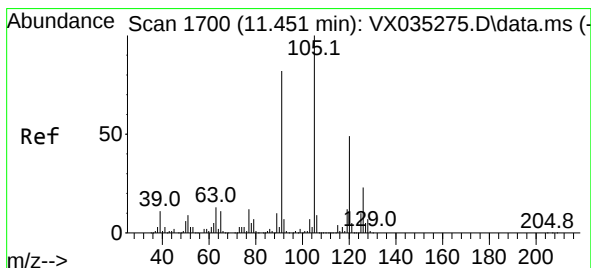
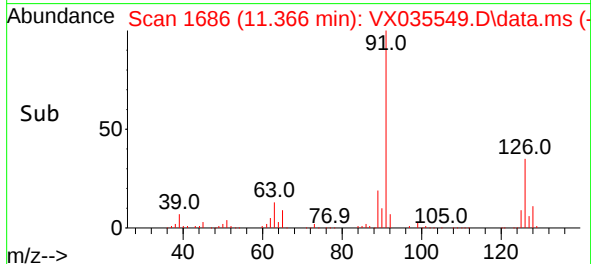
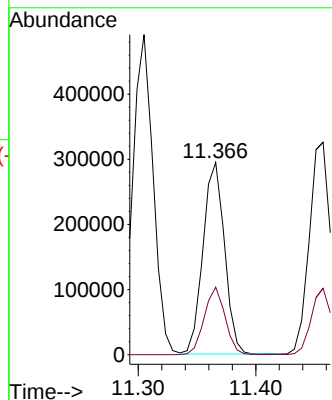
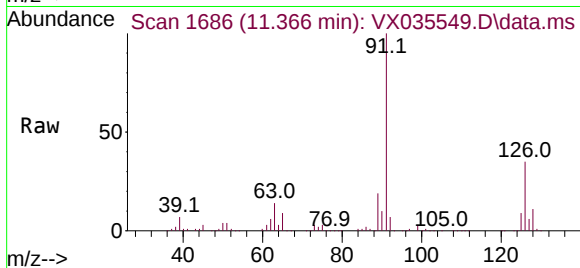
126 34.1 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#80

1,3,5-Trimethylbenzene

Concen: 50.401 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035549.D

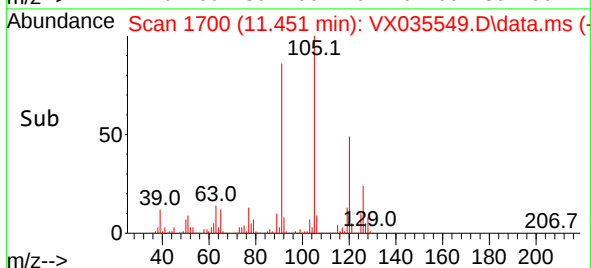
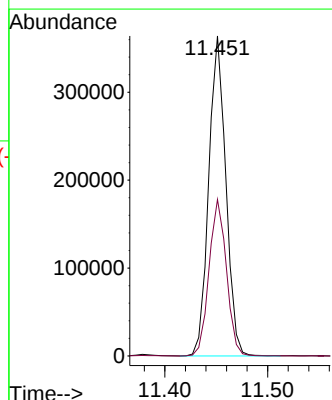
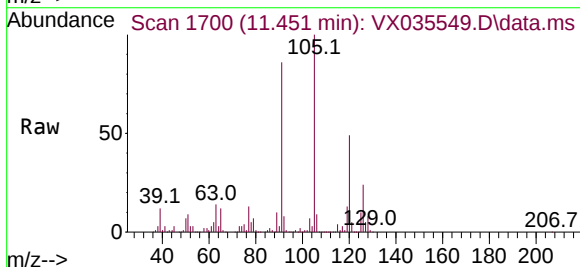
Acq: 05 May 2023 20:17

Tgt Ion:105 Resp: 419881

Ion Ratio Lower Upper

105 100

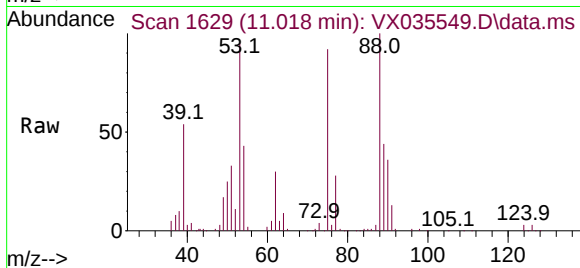
120 49.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 67.084 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

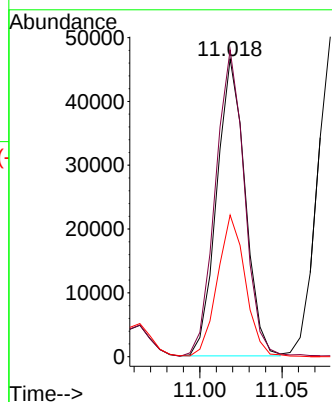
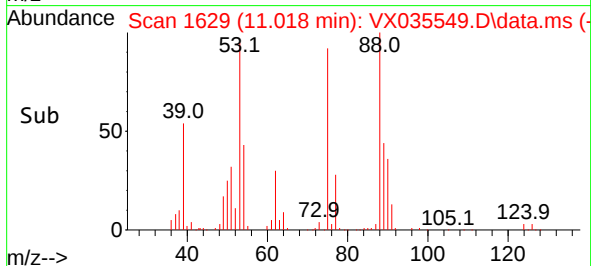
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 55844
Ion Ratio Lower Upper
75 100
53 106.4 82.6 124.0
89 46.9 36.9 55.3

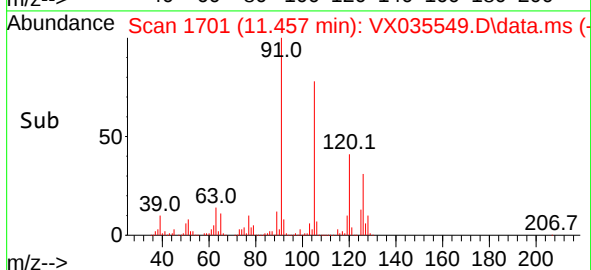
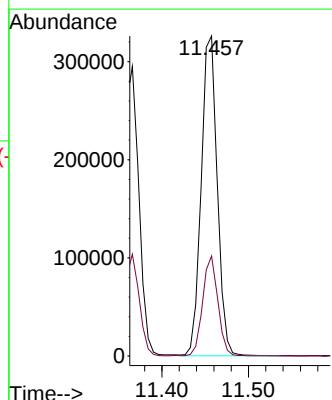
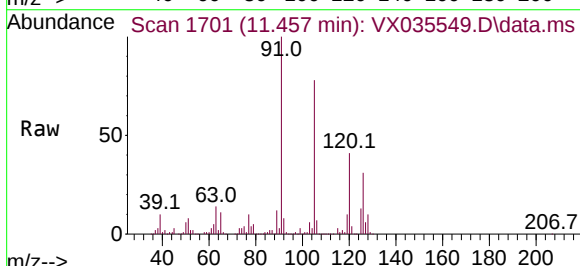
Manual Integrations
APPROVED

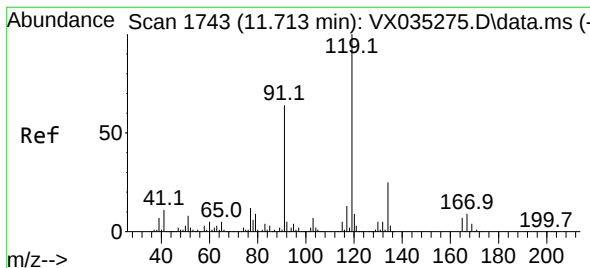
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#82
4-Chlorotoluene
Concen: 52.666 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

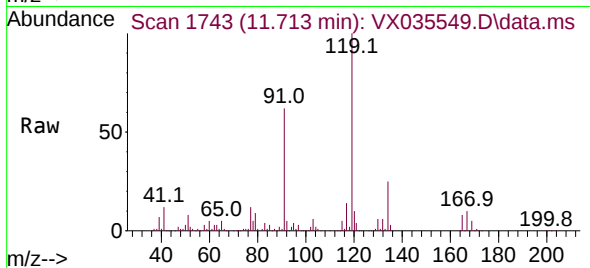
Tgt Ion: 91 Resp: 419426
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.890 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

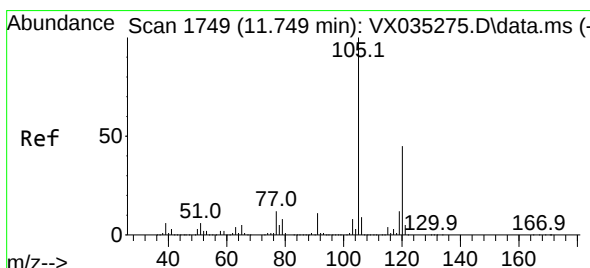
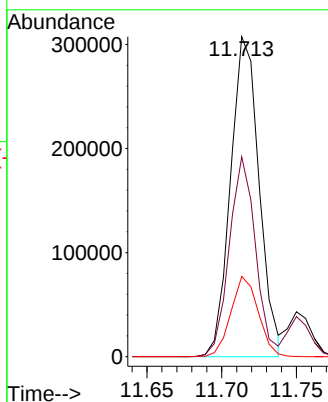
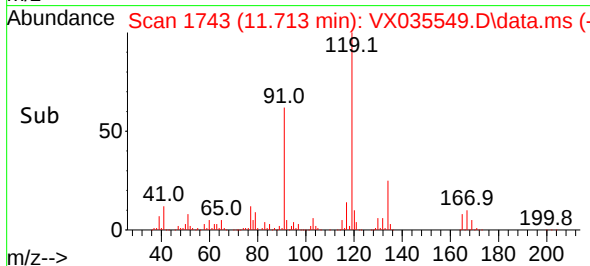
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



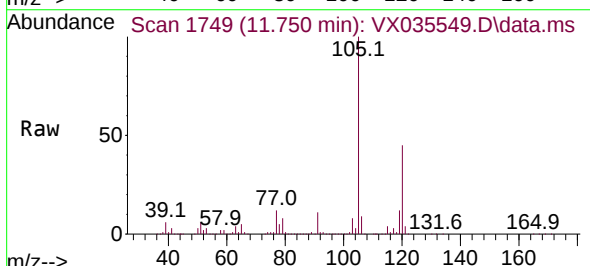
Tgt Ion:119 Resp: 40866
Ion Ratio Lower Upper
119 100
91 57.4 30.6 92.0
134 24.1 11.8 35.4

Manual Integrations
APPROVED

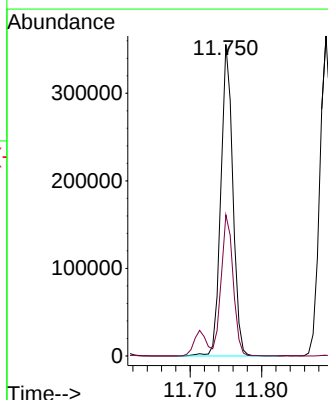
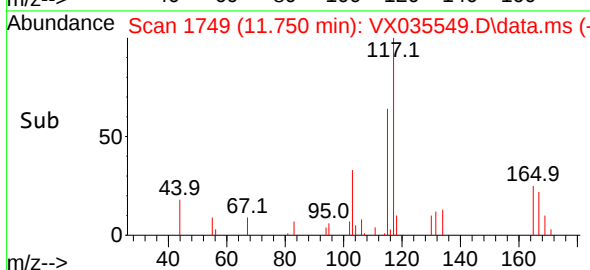
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

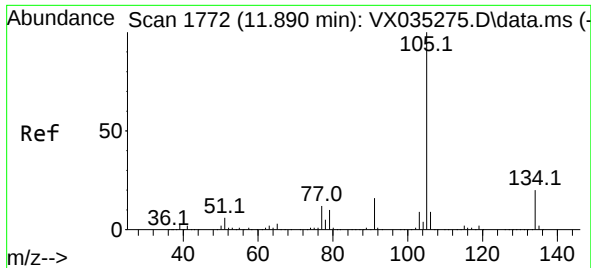


#84
1,2,4-Trimethylbenzene
Concen: 49.565 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17



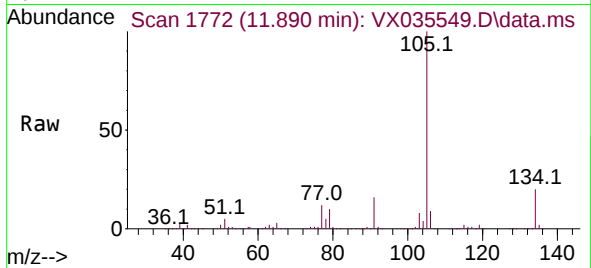
Tgt Ion:105 Resp: 414886
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 43.179 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035549.D
 Acq: 05 May 2023 20:17

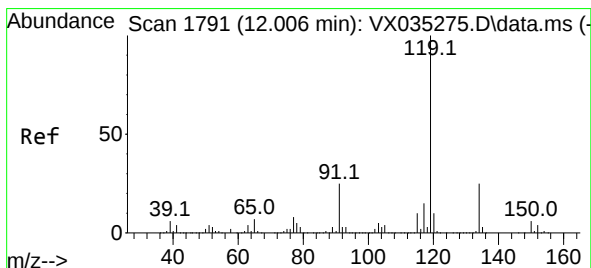
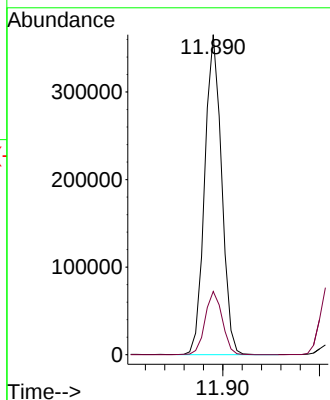
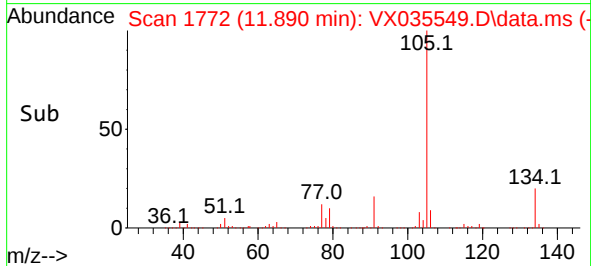
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



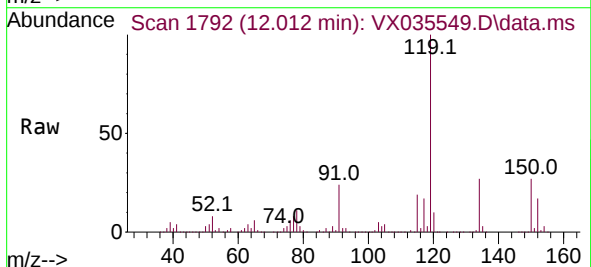
Tgt Ion:105 Resp: 442711
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
 APPROVED

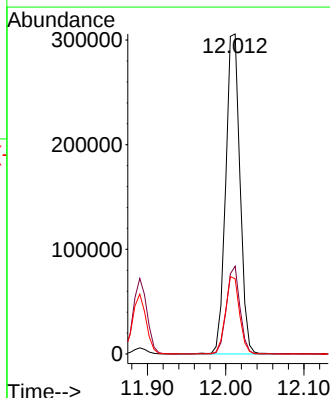
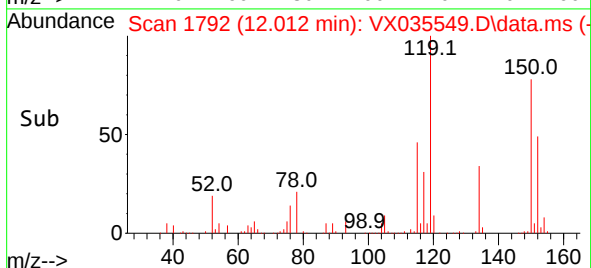
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

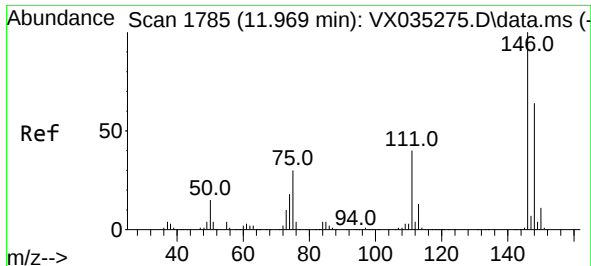


#86
 p-Isopropyltoluene
 Concen: 44.370 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035549.D
 Acq: 05 May 2023 20:17



Tgt Ion:119 Resp: 386918
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 24.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 51.970 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 242560

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.8

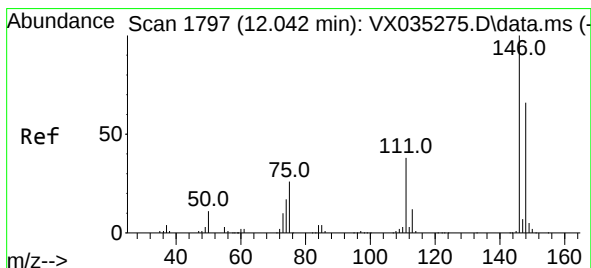
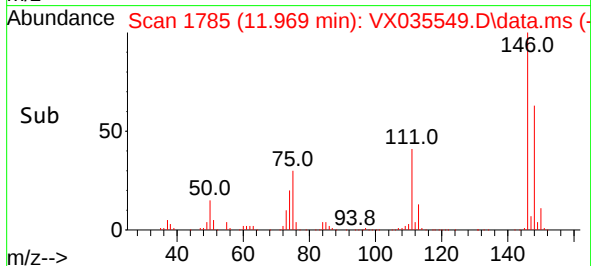
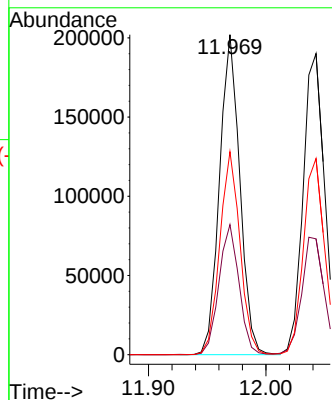
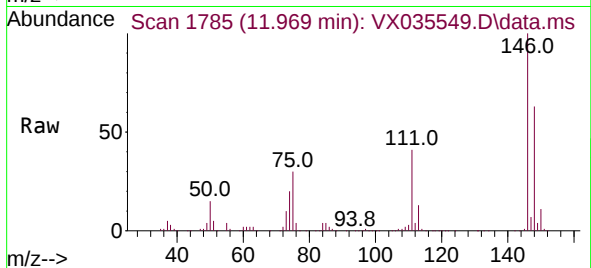
148 63.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#88

1,4-Dichlorobenzene

Concen: 49.573 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

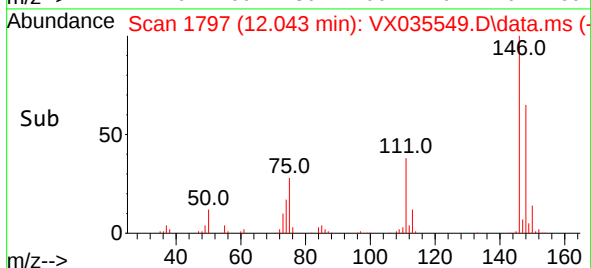
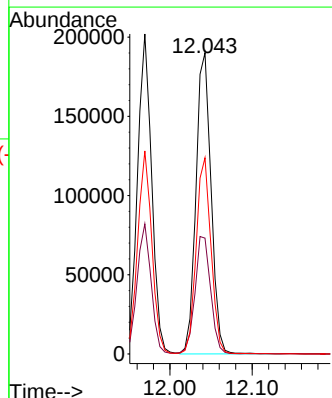
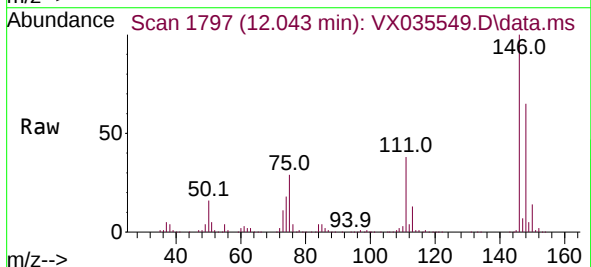
Tgt Ion:146 Resp: 242589

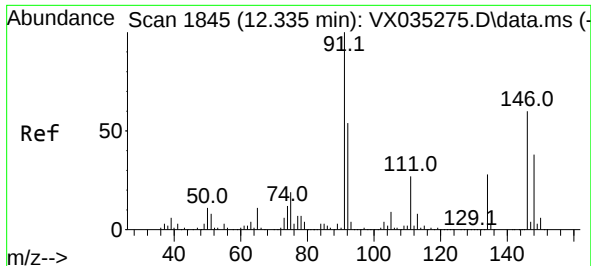
Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.9

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 36.383 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 267829

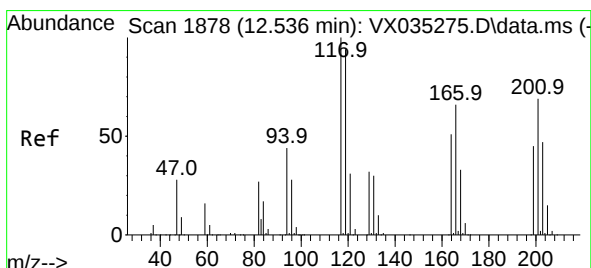
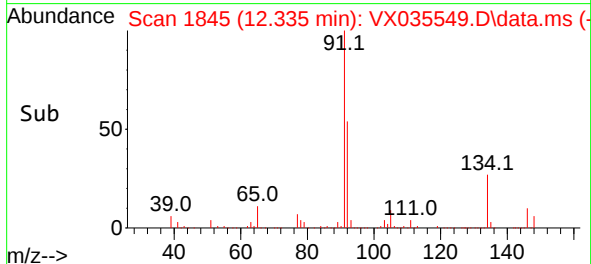
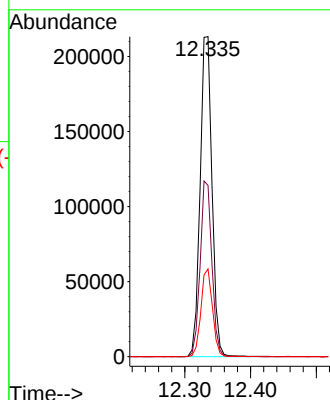
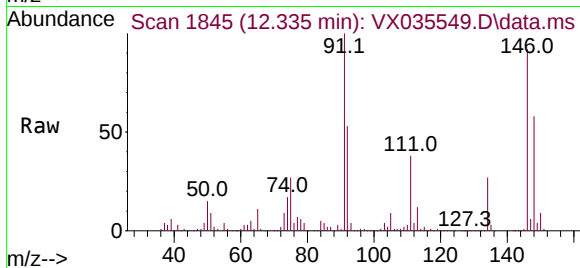
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.7	83.0
134	26.7	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#90

Hexachloroethane

Concen: 48.505 ug/l

RT: 12.536 min Scan# 1878

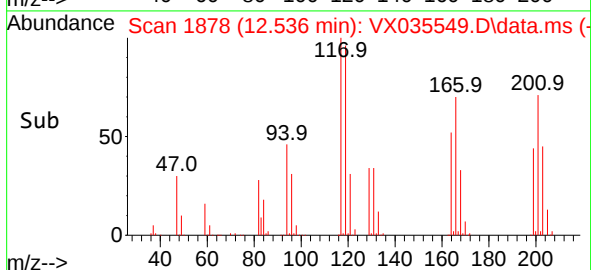
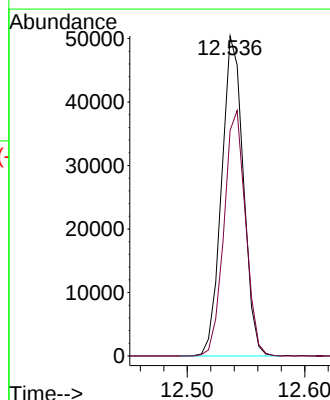
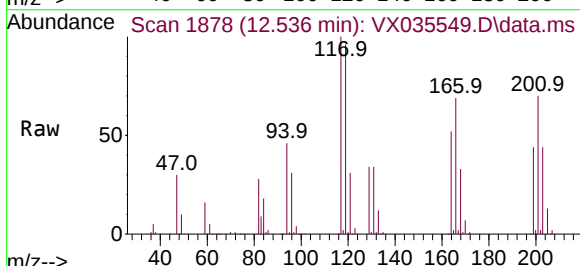
Delta R.T. 0.000 min

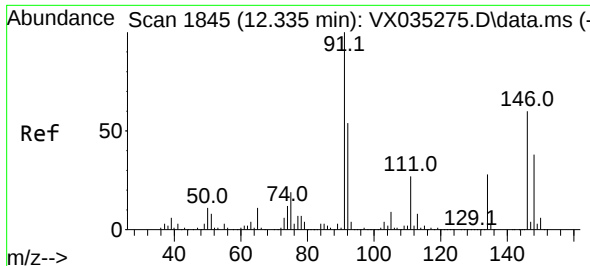
Lab File: VX035549.D

Acq: 05 May 2023 20:17

Tgt Ion:117 Resp: 64748

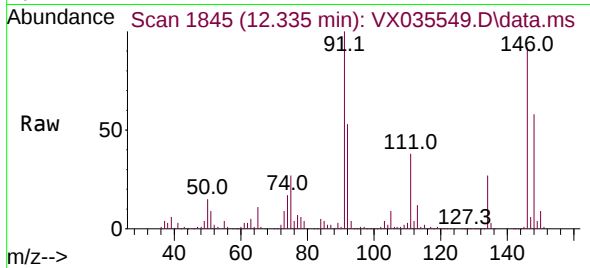
Ion	Ratio	Lower	Upper
117	100		
201	76.0	34.4	103.1





#91
1,2-Dichlorobenzene
Concen: 51.296 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

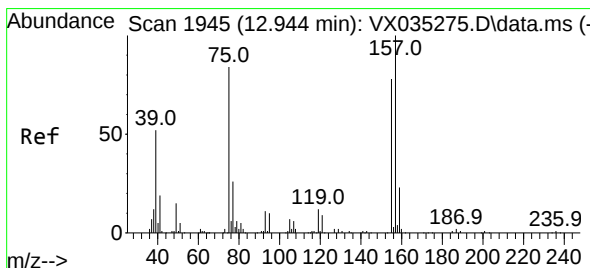
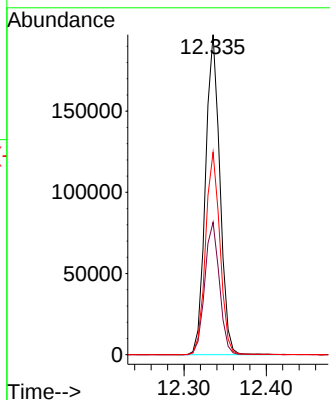
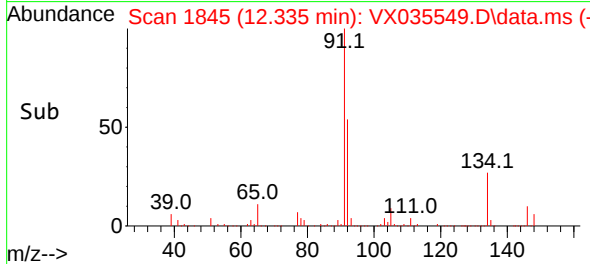
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 23945
Ion Ratio Lower Upper
146 100
111 42.0 22.0 66.0
148 63.4 32.0 96.0

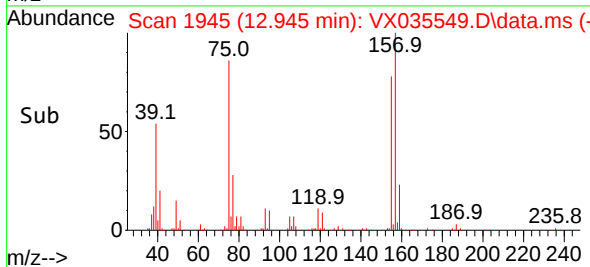
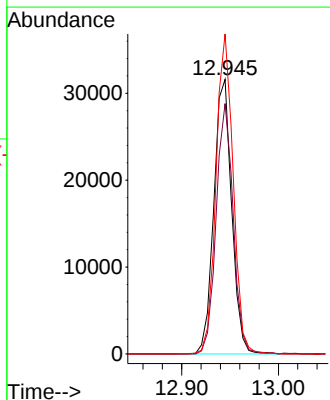
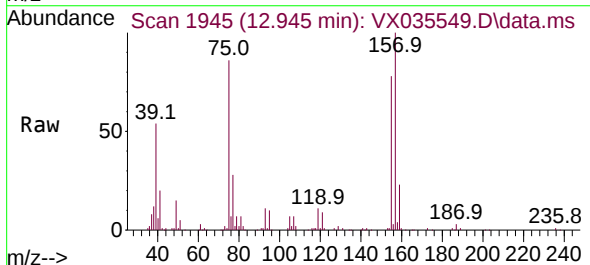
Manual Integrations
APPROVED

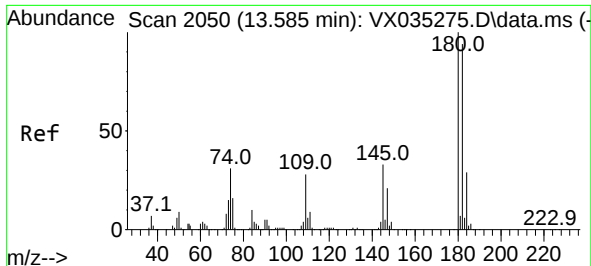
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 65.845 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

Tgt Ion: 75 Resp: 40489
Ion Ratio Lower Upper
75 100
155 87.0 38.4 115.1
157 111.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 34.827 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

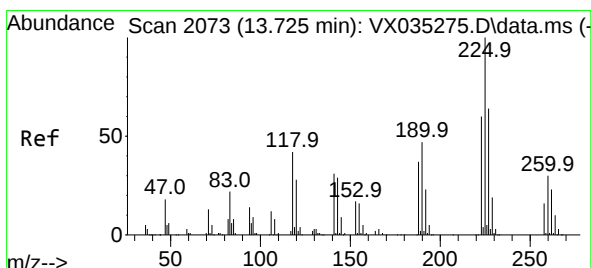
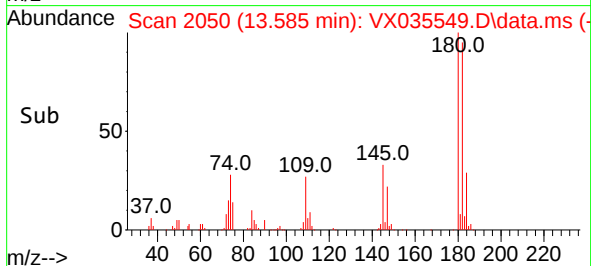
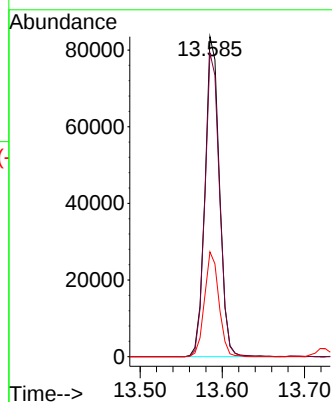
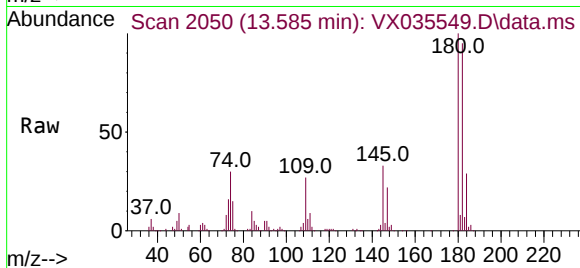
Tgt Ion:180	Resp: 10219
Ion Ratio	Lower Upper
180 100	
182 95.8	47.0 141.0
145 32.5	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#94

Hexachlorobutadiene

Concen: 20.631 ug/l

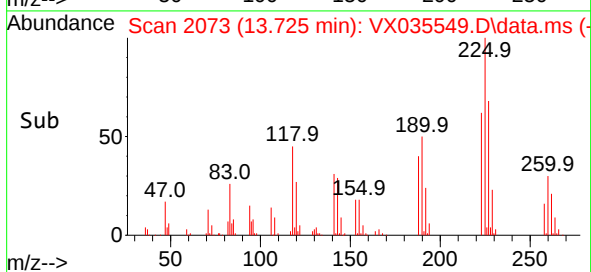
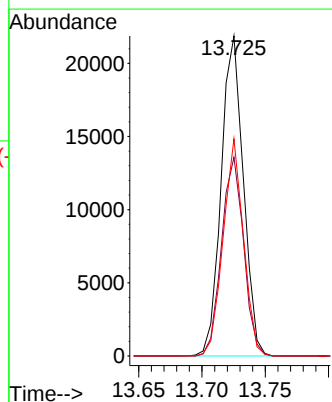
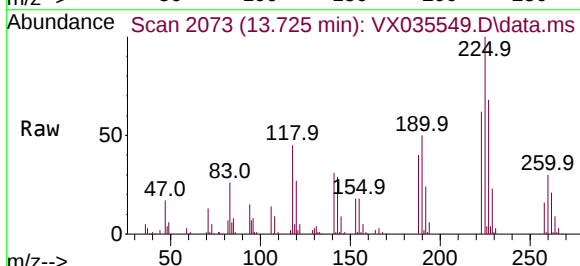
RT: 13.725 min Scan# 2073

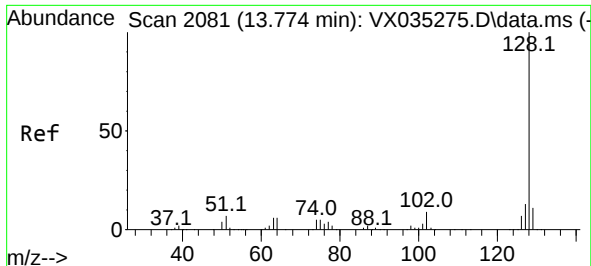
Delta R.T. 0.000 min

Lab File: VX035549.D

Acq: 05 May 2023 20:17

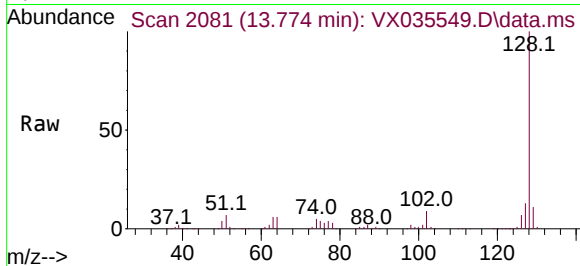
Tgt Ion:225	Resp: 26568
Ion Ratio	Lower Upper
225 100	
223 61.8	32.1 96.5
227 62.4	31.8 95.4





#95
Naphthalene
Concen: 36.835 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17

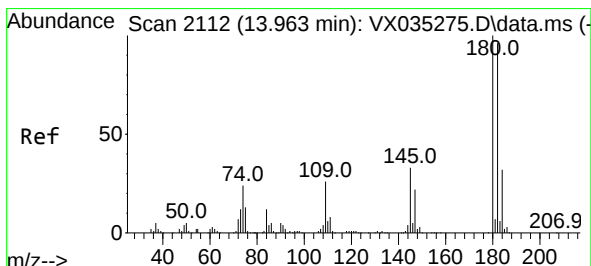
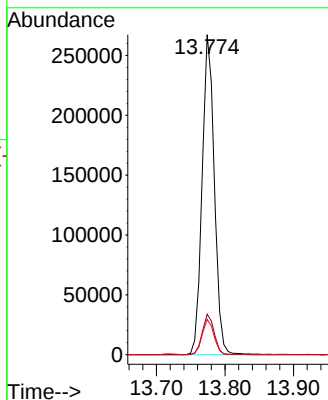
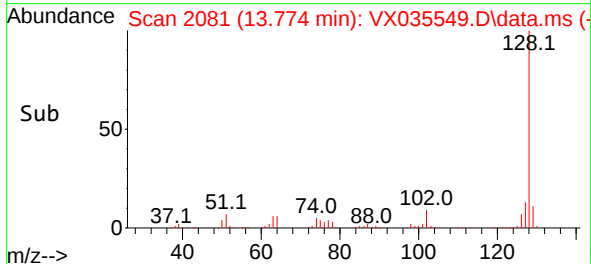
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



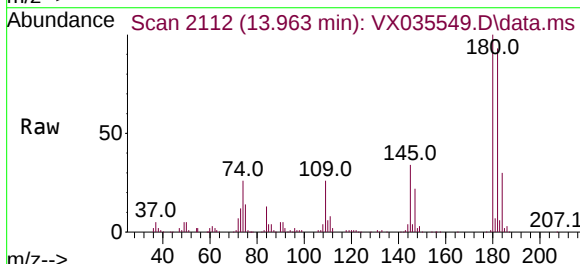
Tgt Ion:128 Resp: 33273
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 32.590 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035549.D
Acq: 05 May 2023 20:17



Tgt Ion:180 Resp: 96264
Ion Ratio Lower Upper
180 100
182 93.4 48.0 144.2
145 33.8 17.7 53.1

