

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035491.D
 Acq On : 02 May 2023 19:51
 Operator : JC/MD
 Sample : 02558-02MS
 Misc : 4.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS011-0006-01MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 03 03:18:36 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	231263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	389909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154439	55.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.700%			
35) Dibromofluoromethane	5.391	113	124406	51.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	8.647	98	438218	48.541	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.085	95	166375	48.990	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56660	23.154	ug/l	99
3) Chloromethane	1.294	50	84408	37.918	ug/l	100
4) Vinyl Chloride	1.374	62	80935	36.250	ug/l	100
5) Bromomethane	1.617	94	43120	29.058	ug/l	99
6) Chloroethane	1.691	64	17263	13.220	ug/l	96
7) Trichlorofluoromethane	1.867	101	95599	27.381	ug/l	97
8) Diethyl Ether	2.130	74	55484	43.585	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.306	101	80842	34.667	ug/l	95
10) Methyl Iodide	2.434	142	67051	22.782	ug/l	98
11) Tert butyl alcohol	3.074	59	26686	52.530	ug/l #	73
12) 1,1-Dichloroethene	2.300	96	83391	37.126	ug/l	98
13) Acrolein	2.239	56	122841	245.881	ug/l	97
14) Allyl chloride	2.654	41	128845	32.596	ug/l #	91
15) Acrylonitrile	3.081	53	307084	241.686	ug/l	99
16) Acetone	2.410	43	251522	207.567	ug/l	100
17) Carbon Disulfide	2.489	76	168302	31.257	ug/l	100
18) Methyl Acetate	2.715	43	253196	54.034	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	387244	50.253	ug/l	96
20) Methylene Chloride	2.782	84	116721	42.008	ug/l	92
21) trans-1,2-Dichloroethene	3.081	96	105014	43.048	ug/l	96
22) Diisopropyl ether	3.769	45	358797	45.870	ug/l #	82
23) Vinyl Acetate	3.721	43	1317845	245.106	ug/l	98
24) 1,1-Dichloroethane	3.605	63	198904	45.144	ug/l	99
25) 2-Butanone	4.580	43	371058	209.792	ug/l	92
26) 2,2-Dichloropropane	4.471	77	145139	42.048	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	131195	45.752	ug/l	93
28) Bromochloromethane	4.897	49	80866	43.069	ug/l #	83
29) Tetrahydrofuran	5.019	42	257496	227.105	ug/l	93
30) Chloroform	5.092	83	211967	47.656	ug/l	92
31) Cyclohexane	5.458	56	136373	34.457	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	171185	43.916	ug/l	97
36) 1,1-Dichloropropene	5.690	75	138490	37.061	ug/l	98
37) Ethyl Acetate	4.727	43	182503	53.474	ug/l	99
38) Carbon Tetrachloride	5.672	117	137890	38.871	ug/l	96
39) Methylcyclohexane	7.372	83	146208	32.144	ug/l	99
40) Benzene	6.031	78	455151	42.460	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	87039	44.507	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	176885	46.280	ug/l	97
43) Isopropyl Acetate	6.348	43	277230	48.342	ug/l	96
44) Trichloroethene	7.123	130	122269	41.405	ug/l	94
45) 1,2-Dichloropropane	7.427	63	119703	44.293	ug/l	99
46) Dibromomethane	7.580	93	85333	45.980	ug/l	92
47) Bromodichloromethane	7.824	83	156370	45.731	ug/l	98
48) Methyl methacrylate	7.696	41	130744	46.477	ug/l	91
49) 1,4-Dioxane	7.757	88	53252	776.613	ug/l #	79
51) 4-Methyl-2-Pentanone	8.580	43	464470	131.830	ug/l #	50
52) Toluene	8.714	92	325237	47.866	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	176468	49.418	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	192547	47.705	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	121760	44.951	ug/l	97
56) Ethyl methacrylate	9.122	69	187658	46.506	ug/l	89
57) 1,3-Dichloropropane	9.305	76	206862	44.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	461637	228.802	ug/l	94
59) 2-Hexanone	9.464	43	557546	210.646	ug/l	93
60) Dibromochloromethane	9.525	129	123022	47.402	ug/l	100
61) 1,2-Dibromoethane	9.610	107	129509	46.379	ug/l	99
64) Tetrachloroethene	9.268	164	96238	36.393	ug/l	98
65) Chlorobenzene	10.079	112	312506	41.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	121135	46.582	ug/l	97
67) Ethyl Benzene	10.195	91	546450	42.229	ug/l	100
68) m/p-Xylenes	10.299	106	421269	84.960	ug/l	99
69) o-Xylene	10.640	106	213005	43.808	ug/l	99
70) Styrene	10.658	104	347218	44.043	ug/l	98
71) Bromoform	10.811	173	83617	46.227	ug/l	99
73) Isopropylbenzene	10.963	105	514216	42.470	ug/l	99
74) N-amyl acetate	10.854	43	224906	49.429	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.219	83	176707	47.022	ug/l	99
76) 1,2,3-Trichloropropane	11.250	75	153421m	46.435	ug/l	
77) Bromobenzene	11.201	156	135261	44.942	ug/l	92
78) n-propylbenzene	11.305	91	596569	42.902	ug/l	100
79) 2-Chlorotoluene	11.366	91	376889	43.374	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	488433	47.843	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	46309	45.395	ug/l	97
82) 4-Chlorotoluene	11.457	91	419080	42.941	ug/l	99
83) tert-Butylbenzene	11.713	119	432715	42.243	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	606500	59.126	ug/l	99
85) sec-Butylbenzene	11.890	105	512561	40.794	ug/l	99
86) p-Isopropyltoluene	12.012	119	450569	42.163	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	242069	42.323	ug/l	97
88) 1,4-Dichlorobenzene	12.048	146	243388	40.586	ug/l	98
89) n-Butylbenzene	12.335	91	444693	49.295	ug/l #	86
90) Hexachloroethane	12.542	117	87100	53.245	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	237284	41.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39539	52.470	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	153401	42.661	ug/l	95
94) Hexachlorobutadiene	13.725	225	77052	48.825	ug/l	99
95) Naphthalene	13.780	128	736814	66.561	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	152439	42.113	ug/l	97

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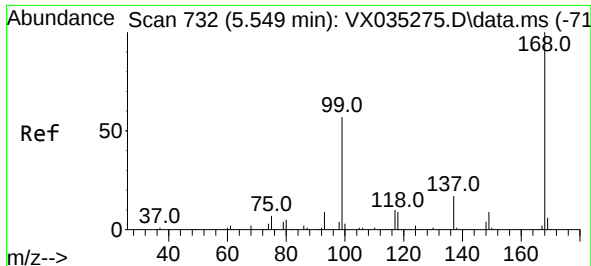
Manual Integrations
APPROVED

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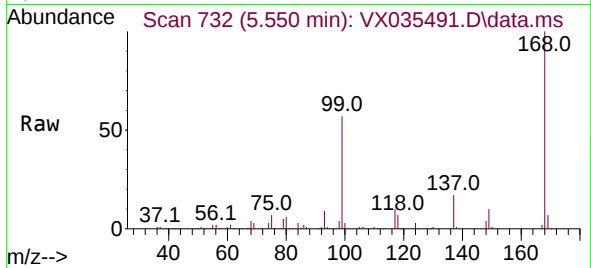
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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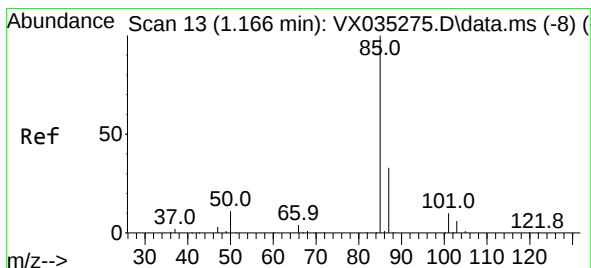
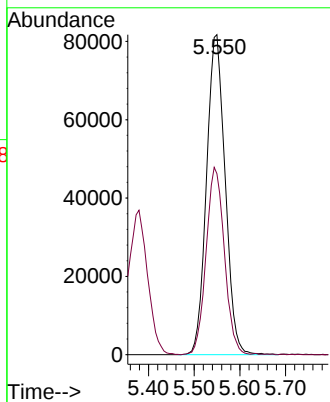
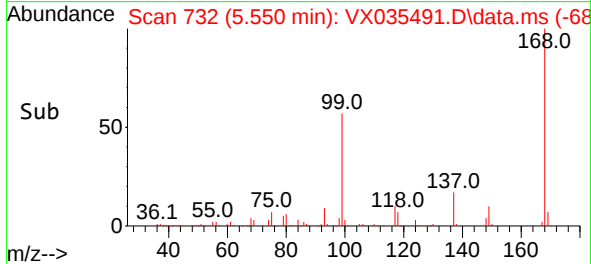
Instrument :
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ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:168 Resp: 23126
Ion Ratio Lower Upper
168 100
99 56.5 45.7 68.5

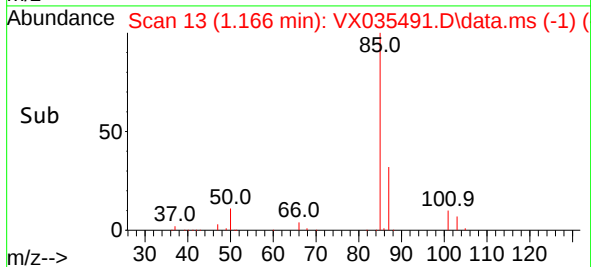
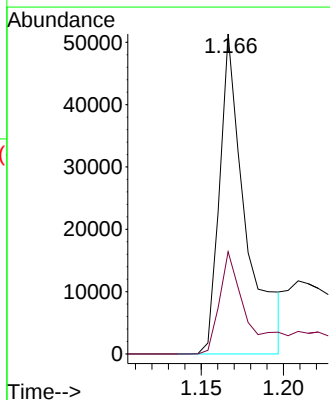
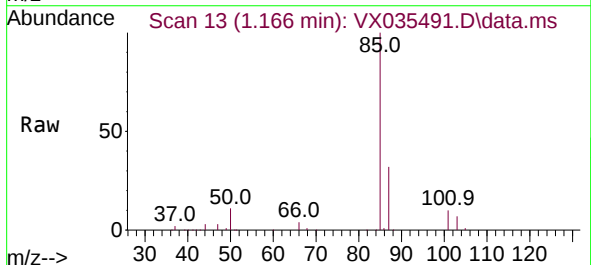
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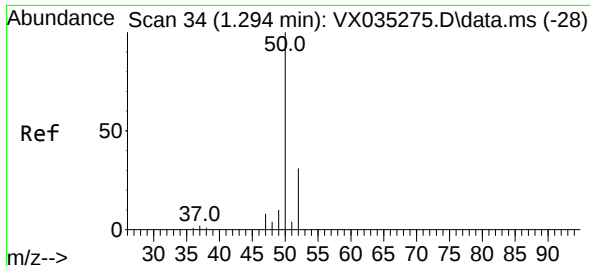
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#2
Dichlorodifluoromethane
Concen: 23.154 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

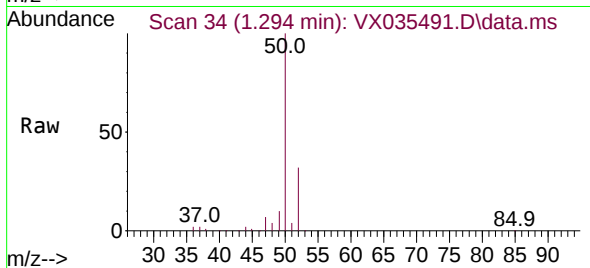
Tgt Ion: 85 Resp: 56660
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.1





#3
Chloromethane
Concen: 37.918 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

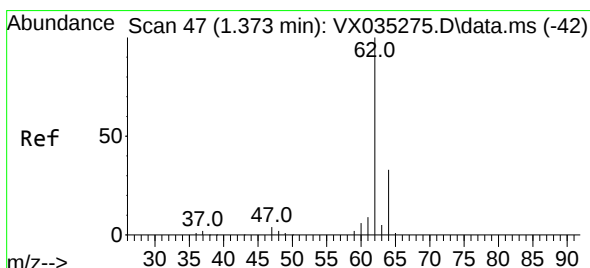
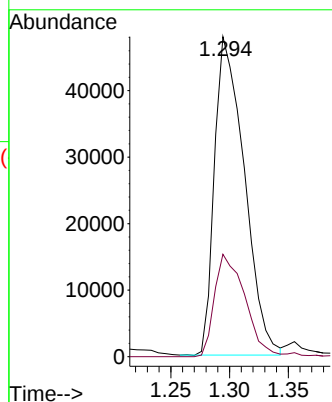
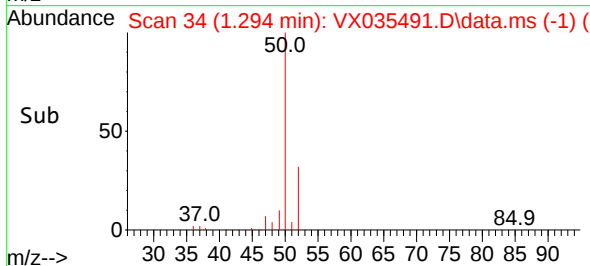
Instrument :
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Tgt Ion: 50 Resp: 84408
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9

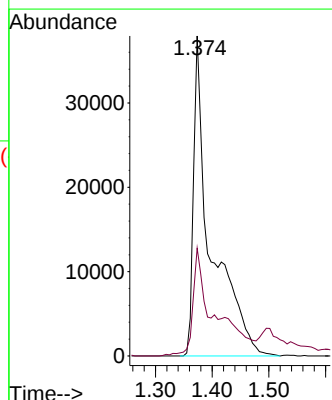
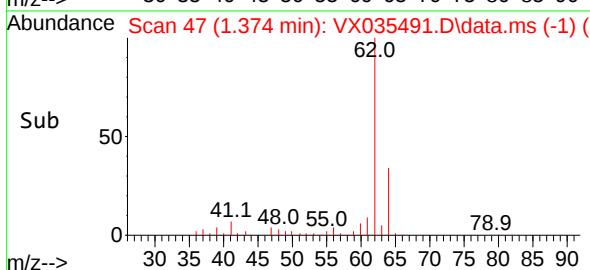
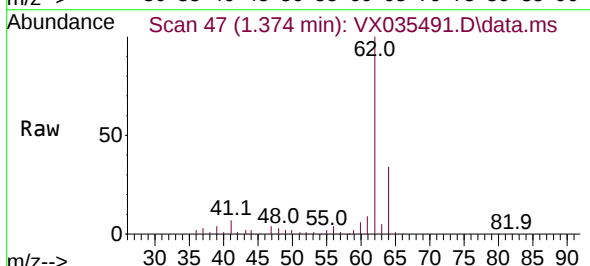
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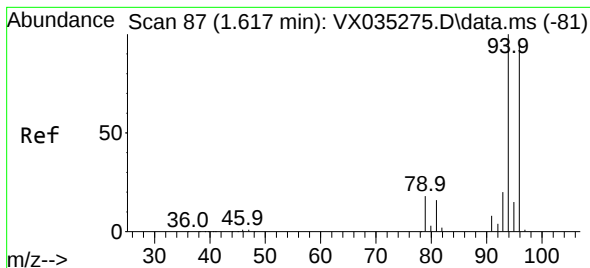
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#4
Vinyl Chloride
Concen: 36.250 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

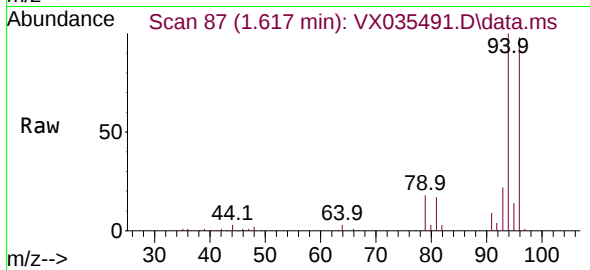
Tgt Ion: 62 Resp: 80935
Ion Ratio Lower Upper
62 100
64 32.7 26.4 39.6





#5
Bromomethane
Concen: 29.058 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035491.D
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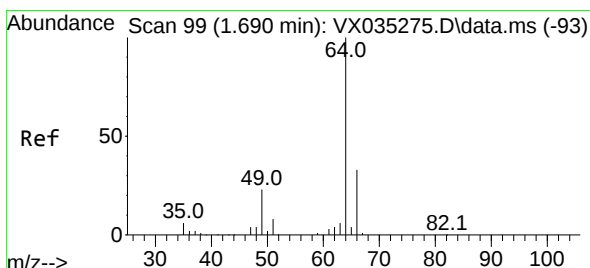
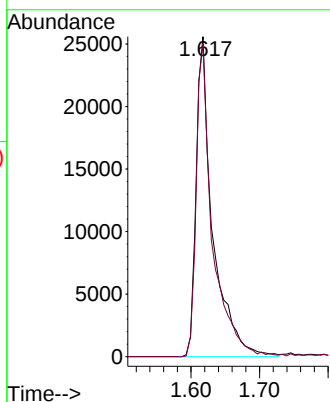
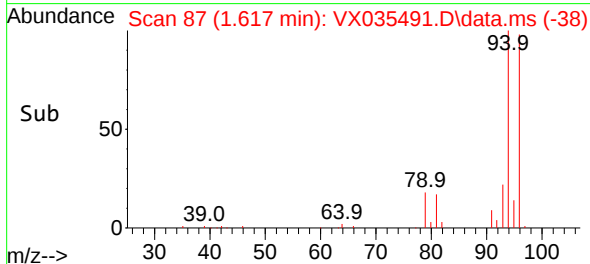
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Tgt Ion: 94 Resp: 43120
Ion Ratio Lower Upper
94 100
96 97.7 77.0 115.6

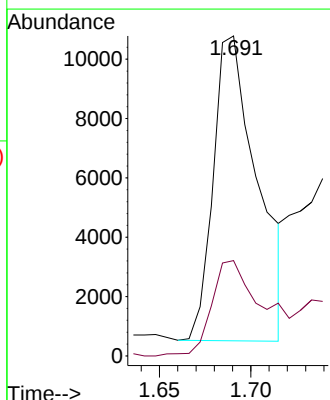
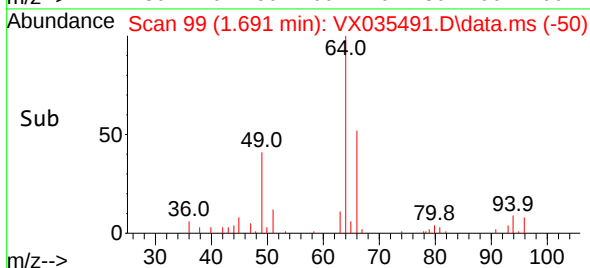
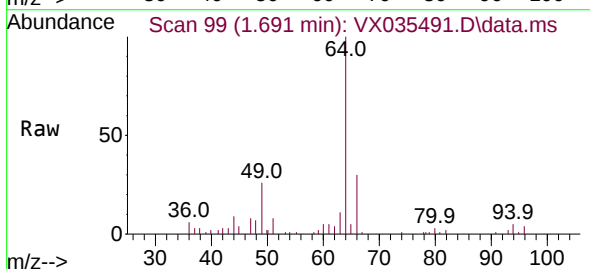
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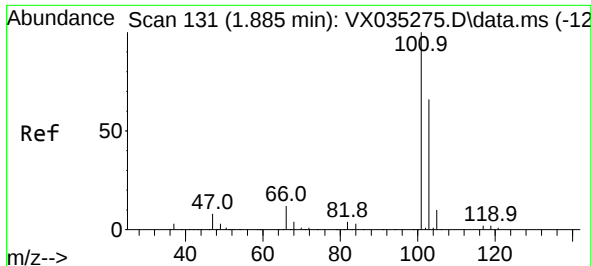
Reviewed By :John Carlone 05/03/2023
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#6
Chloroethane
Concen: 13.220 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
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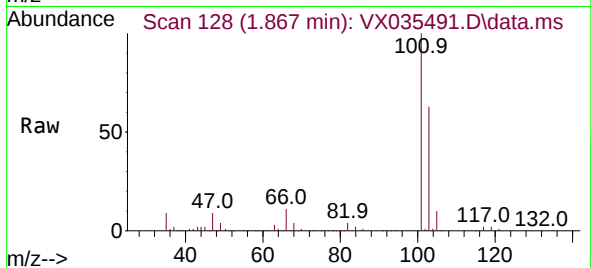
Tgt Ion: 64 Resp: 17263
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 27.381 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.018 min
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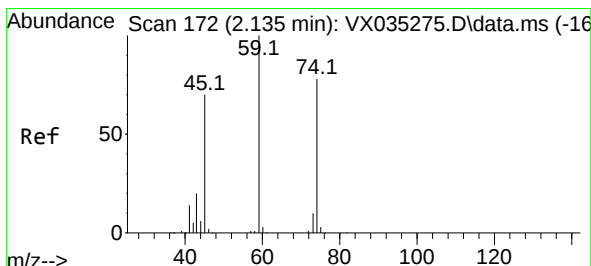
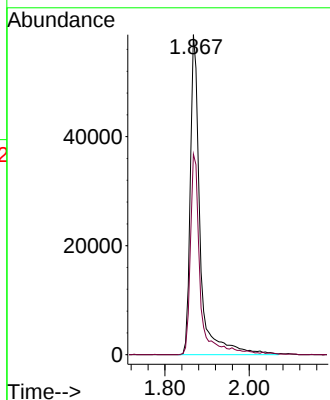
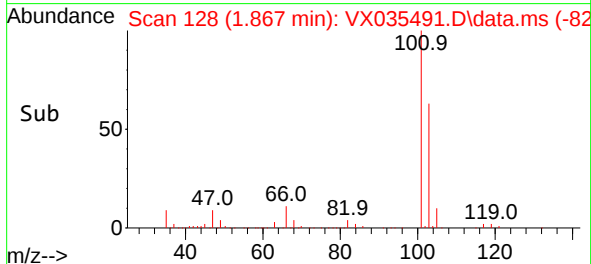
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Tgt Ion:101 Resp: 9559
Ion Ratio Lower Upper
101 100
103 62.7 52.0 78.0

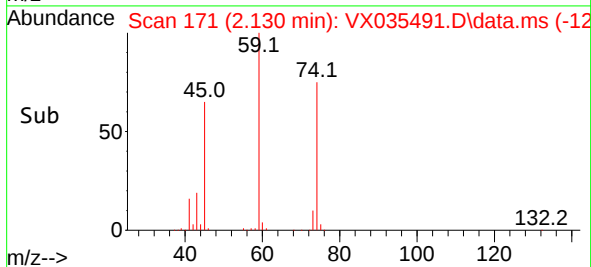
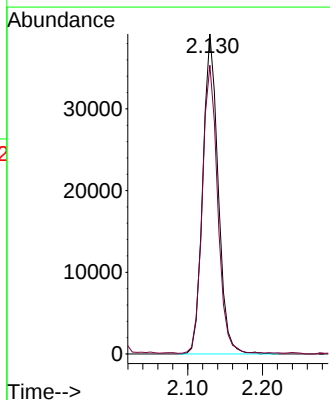
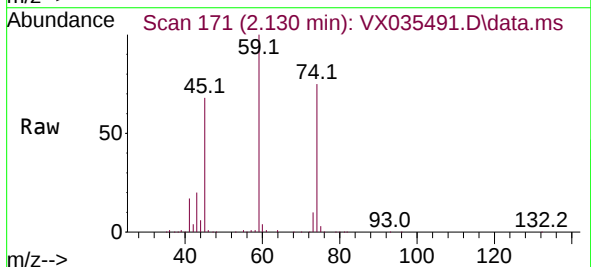
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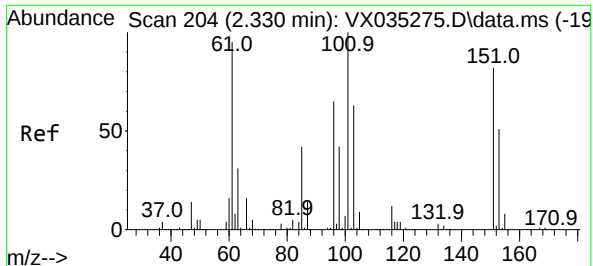
Reviewed By :John Carlone 05/03/2023
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#8
Diethyl Ether
Concen: 43.585 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 74 Resp: 55484
Ion Ratio Lower Upper
74 100
45 90.4 49.8 149.3





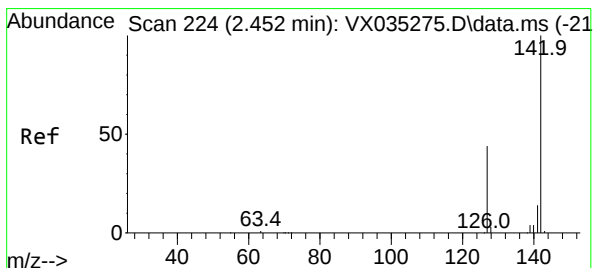
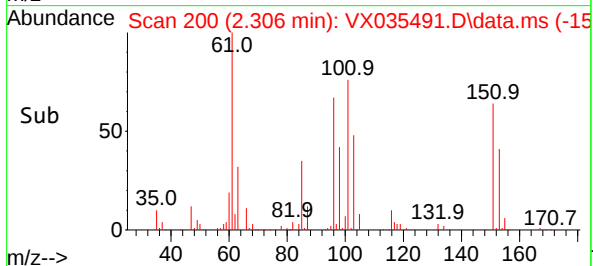
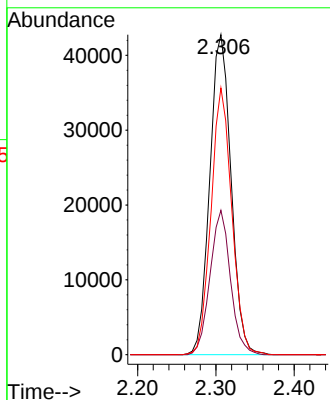
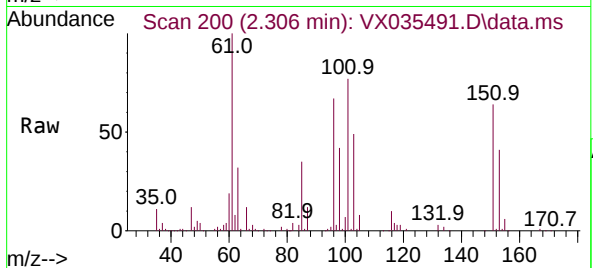
#9
1,1,2-Trichlorotrifluoroethane
Concen: 34.667 ug/l
RT: 2.306 min Scan# 204
Delta R.T. -0.024 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS

Tgt Ion:101 Resp: 8084
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.2
151 81.3 60.2 90.4

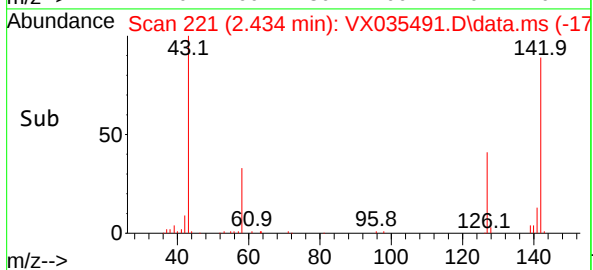
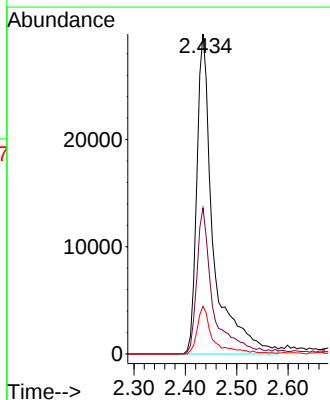
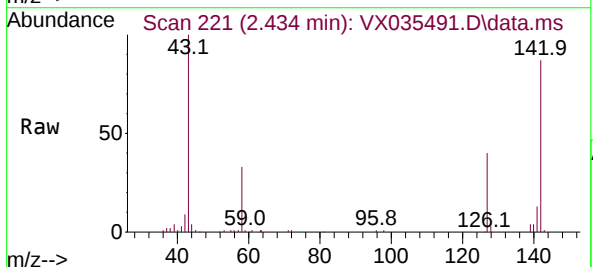
Manual Integrations
APPROVED

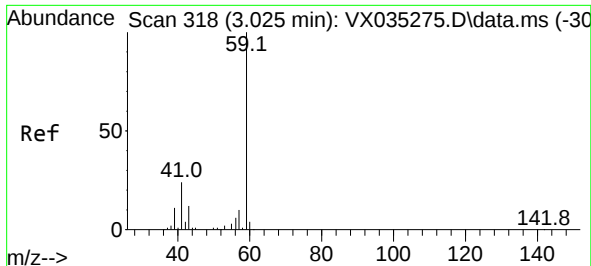
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#10
Methyl Iodide
Concen: 22.782 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

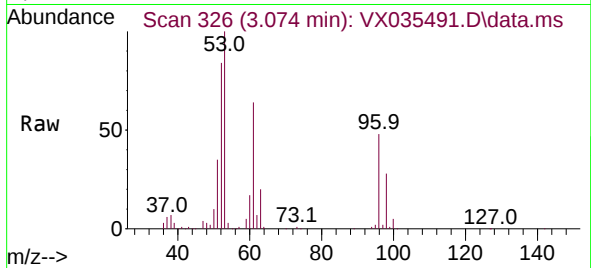
Tgt Ion:142 Resp: 67051
Ion Ratio Lower Upper
142 100
127 44.3 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 52.530 ug/l
RT: 3.074 min Scan# 318
Delta R.T. 0.049 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

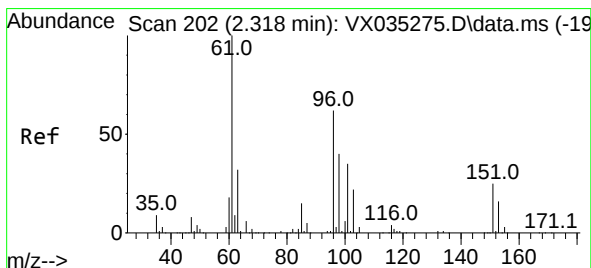
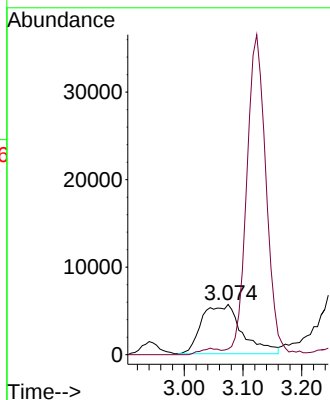
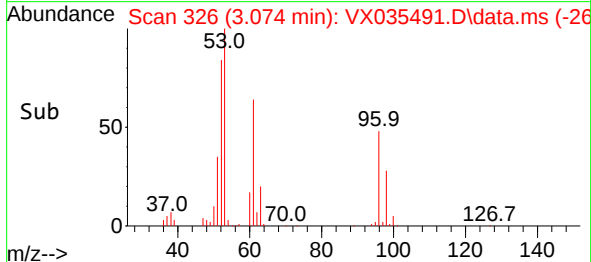
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 59 Resp: 26680
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

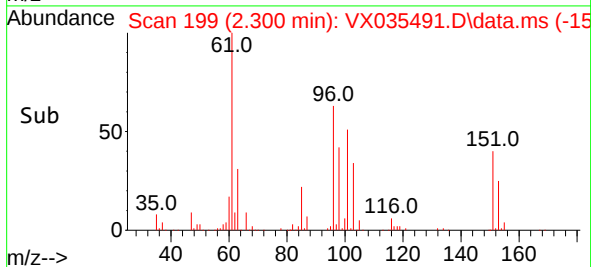
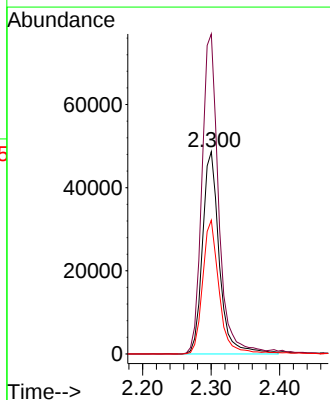
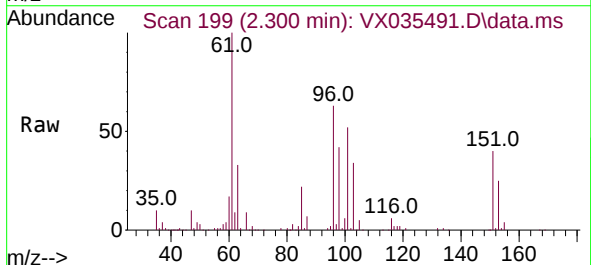
Manual Integrations
APPROVED

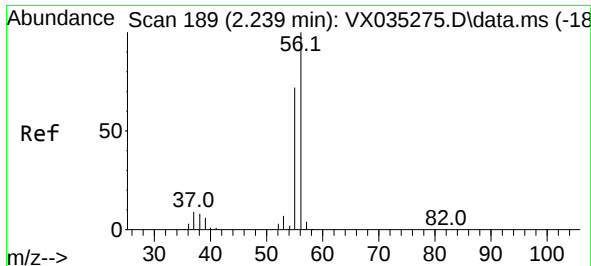
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#12
1,1-Dichloroethene
Concen: 37.126 ug/l
RT: 2.300 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

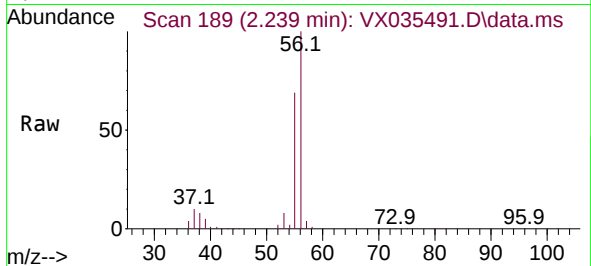
Tgt Ion: 96 Resp: 83391
Ion Ratio Lower Upper
96 100
61 158.2 128.8 193.2
98 66.2 51.4 77.0





#13
Acrolein
Concen: 245.881 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

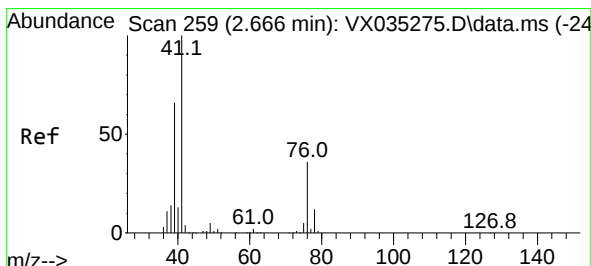
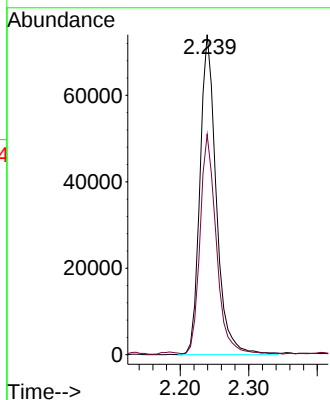
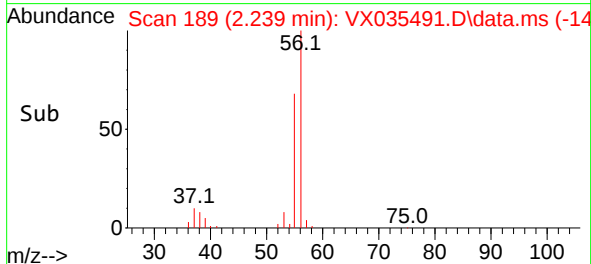
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 56 Resp: 12284
Ion Ratio Lower Upper
56 100
55 68.5 56.6 85.0

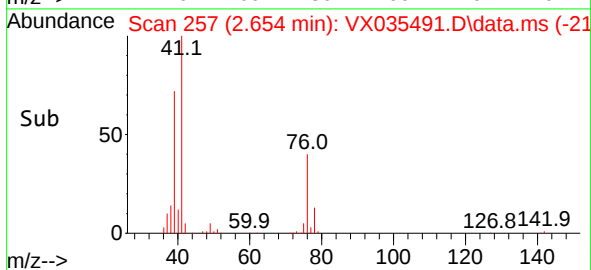
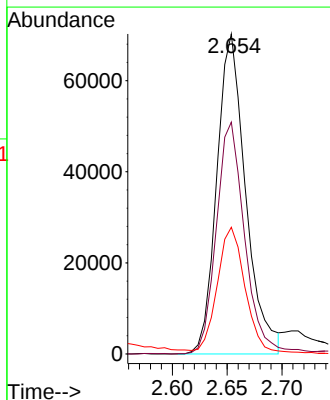
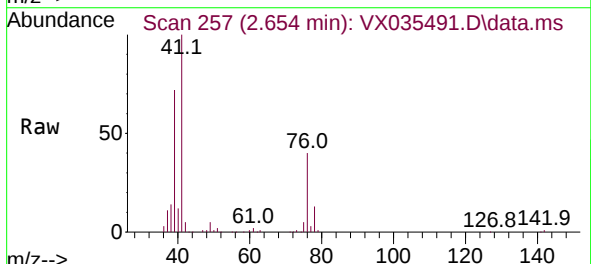
Manual Integrations
APPROVED

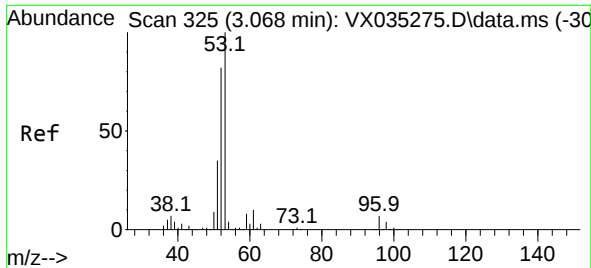
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#14
Allyl chloride
Concen: 32.596 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

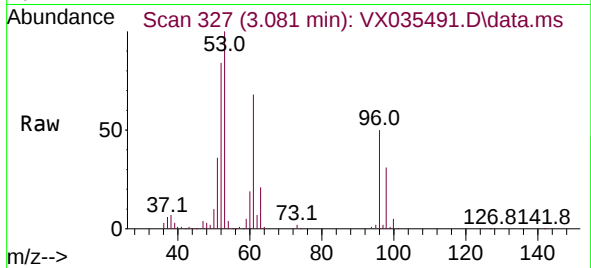
Tgt Ion: 41 Resp: 128845
Ion Ratio Lower Upper
41 100
39 71.6 52.4 78.6
76 39.1 26.0 39.0#





#15
Acrylonitrile
Concen: 241.686 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

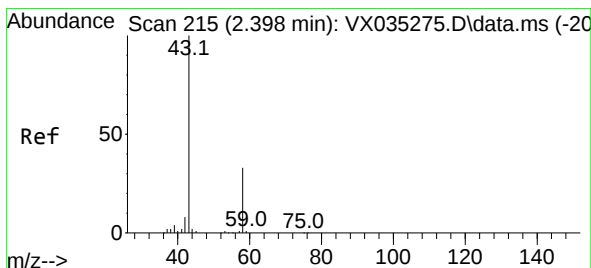
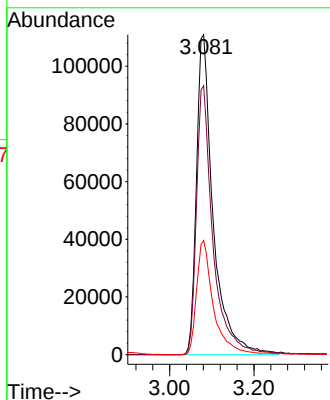
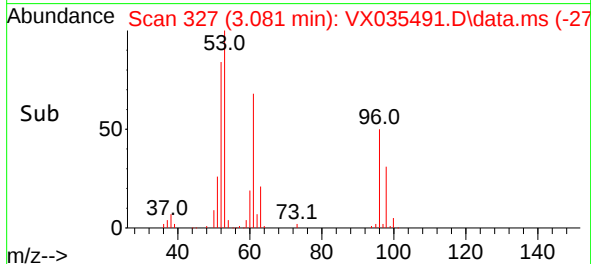
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 53 Resp: 307084
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.4 28.3 42.5

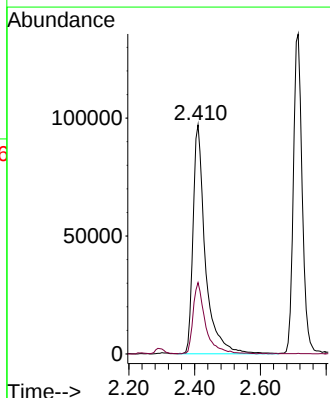
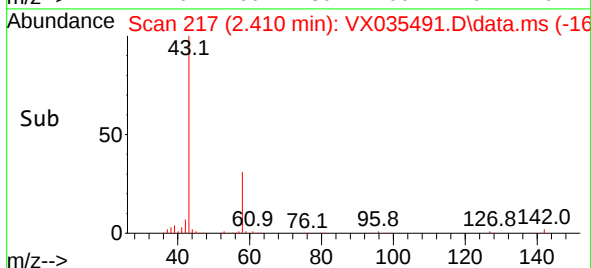
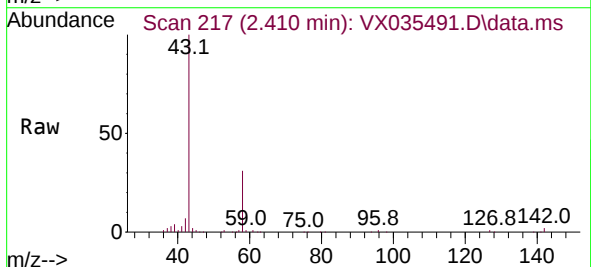
Manual Integrations
APPROVED

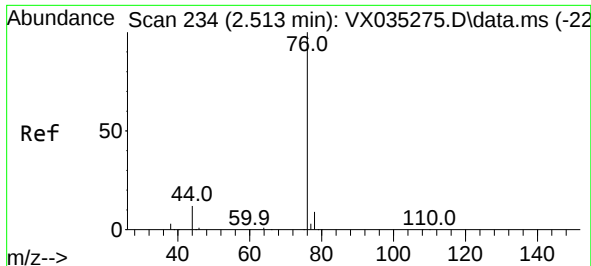
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#16
Acetone
Concen: 207.567 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 43 Resp: 251522
Ion Ratio Lower Upper
43 100
58 31.0 24.7 37.1





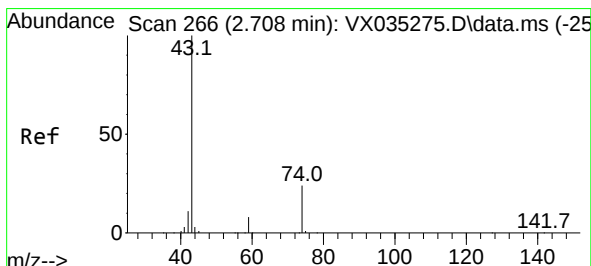
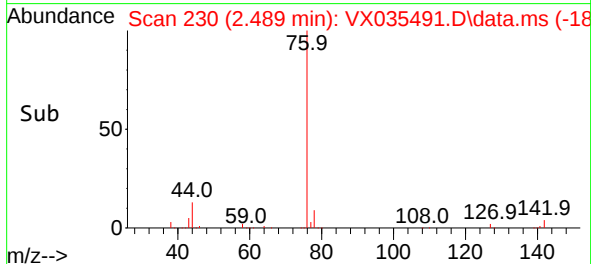
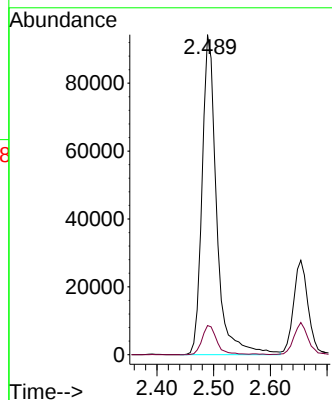
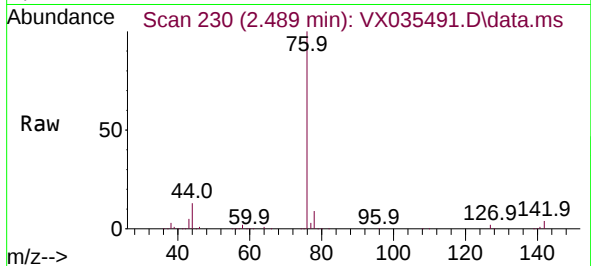
#17
Carbon Disulfide
Concen: 31.257 ug/l
RT: 2.489 min Scan# 21
Delta R.T. -0.024 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS

Tgt Ion: 76 Resp: 16830
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

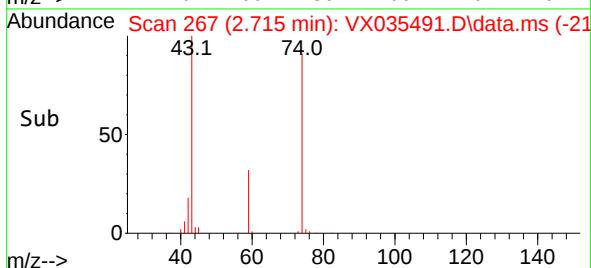
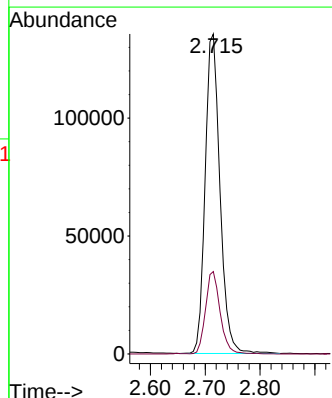
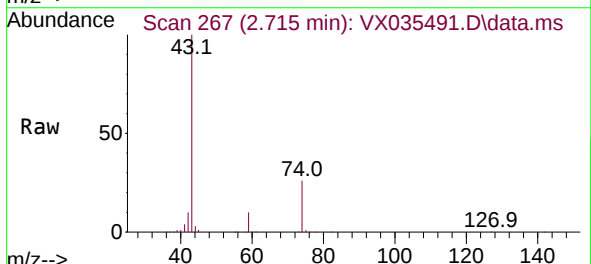
Manual Integrations
APPROVED

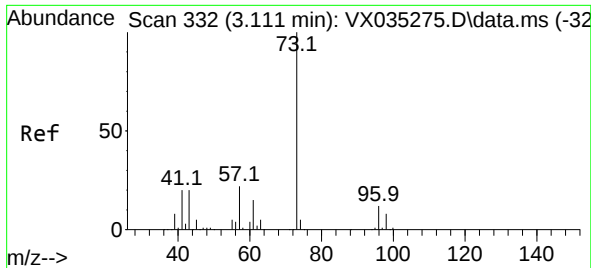
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#18
Methyl Acetate
Concen: 54.034 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.007 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

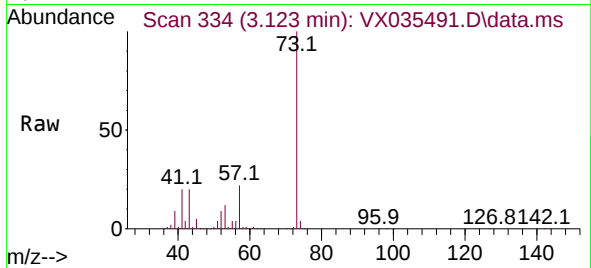
Tgt Ion: 43 Resp: 253196
Ion Ratio Lower Upper
43 100
74 25.5 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 50.253 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

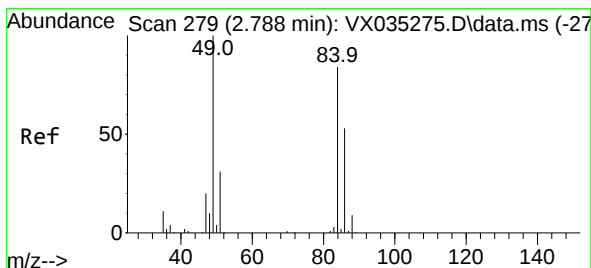
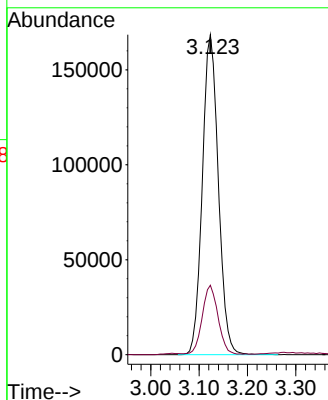
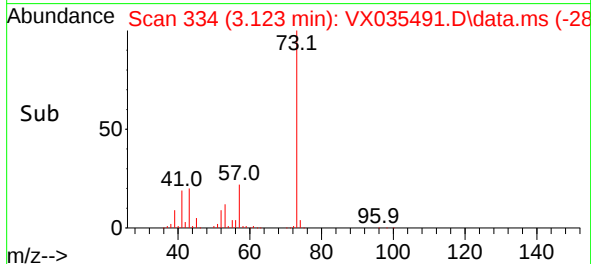
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 73 Resp: 387244
Ion Ratio Lower Upper
73 100
57 21.3 18.5 27.7

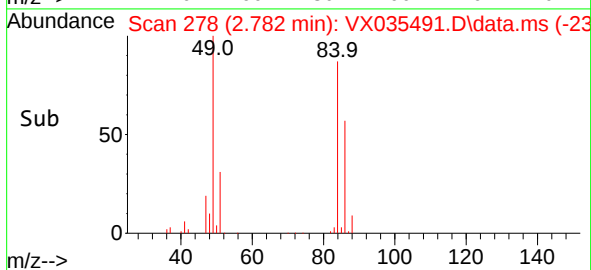
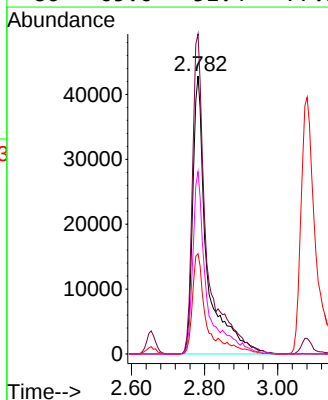
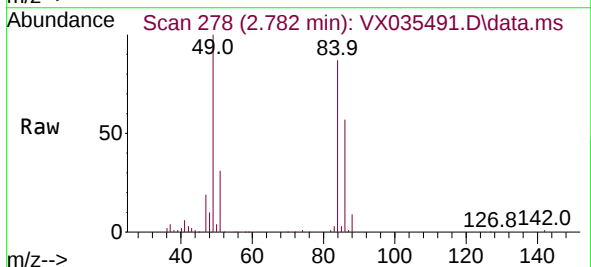
Manual Integrations
APPROVED

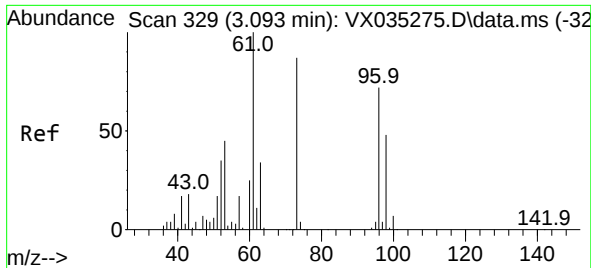
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#20
Methylene Chloride
Concen: 42.008 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

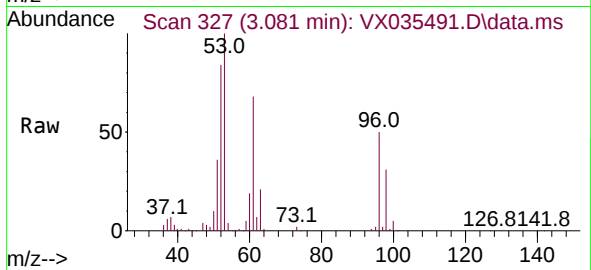
Tgt Ion: 84 Resp: 116721
Ion Ratio Lower Upper
84 100
49 115.1 103.8 155.8
51 36.0 31.8 47.8
86 65.6 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 43.048 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

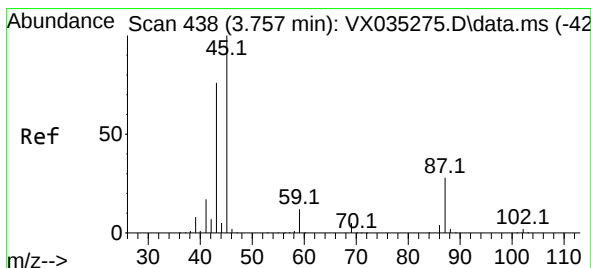
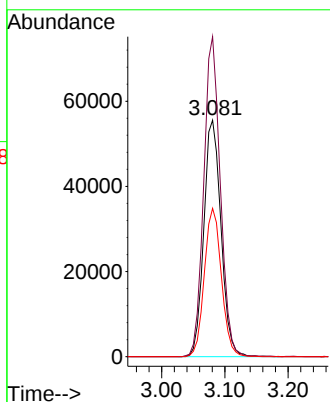
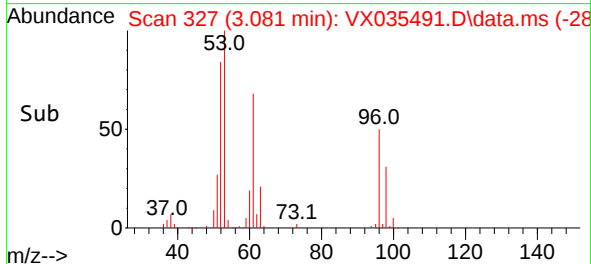
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 96 Resp: 105014
Ion Ratio Lower Upper
96 100
61 135.3 113.0 169.6
98 62.7 52.1 78.1

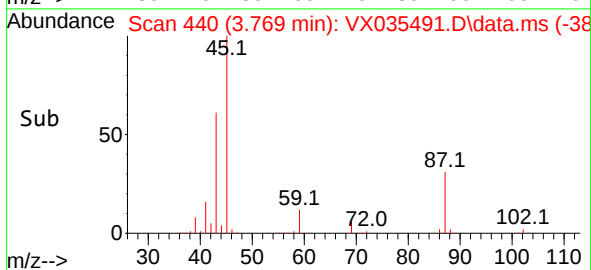
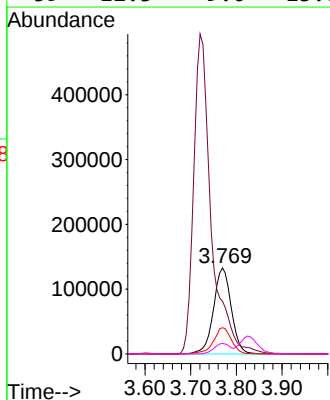
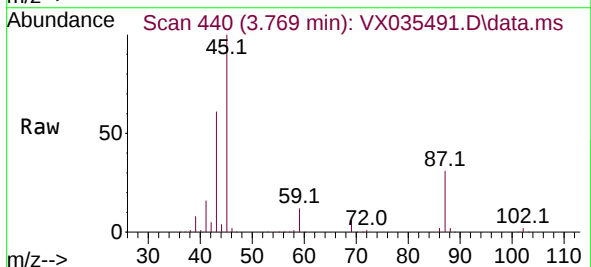
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#22
Diisopropyl ether
Concen: 45.870 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

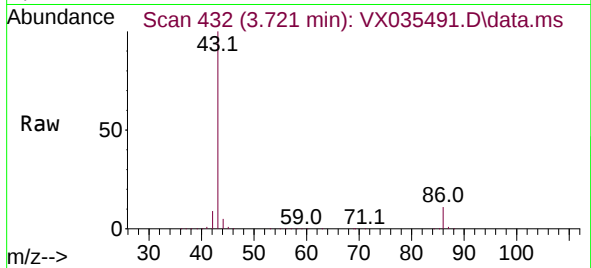
Tgt Ion: 45 Resp: 358797
Ion Ratio Lower Upper
45 100
43 61.1 65.4 98.2#
87 30.5 20.6 31.0
59 12.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 245.106 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.001 min
 Lab File: VX035491.D
 Acq: 02 May 2023 19:51

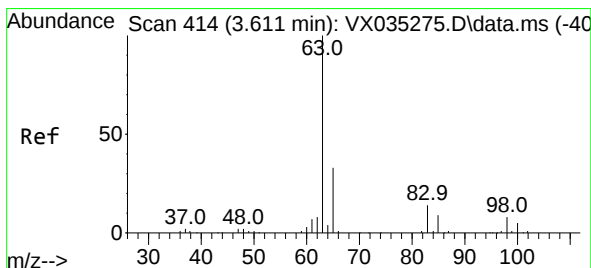
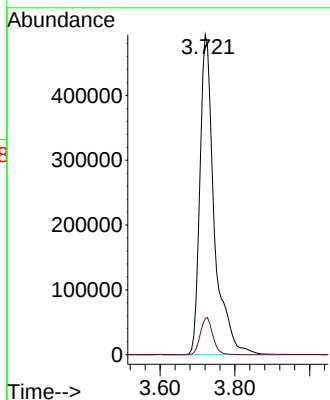
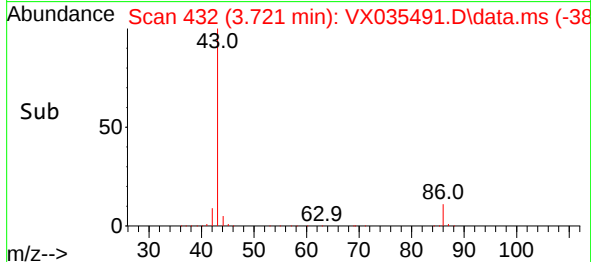
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS011-0006-01MS



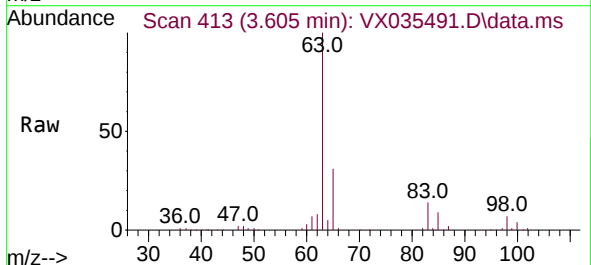
Tgt Ion: 43 Resp: 131784
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.5 12.7

Manual Integrations
 APPROVED

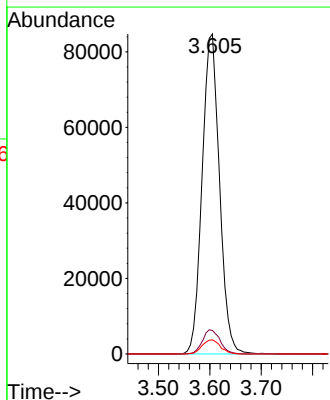
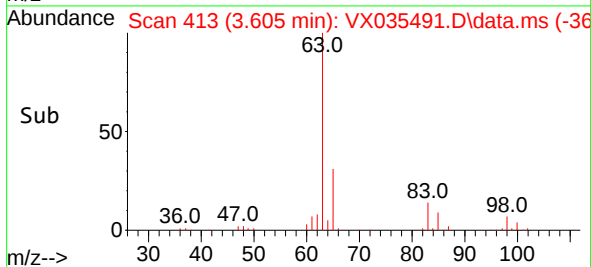
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023

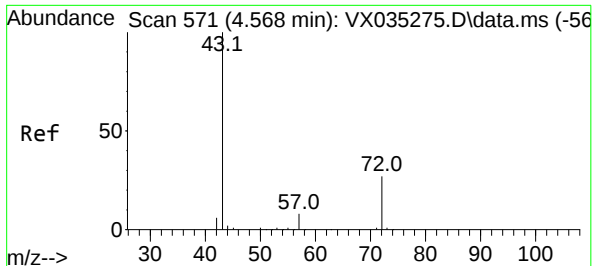


#24
 1,1-Dichloroethane
 Concen: 45.144 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035491.D
 Acq: 02 May 2023 19:51



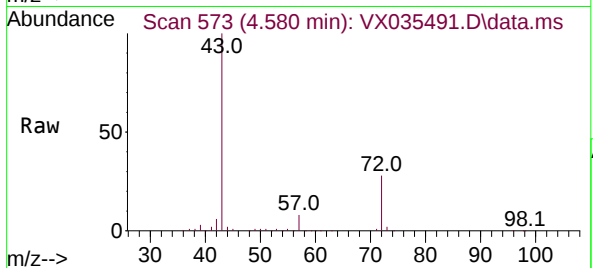
Tgt Ion: 63 Resp: 198904
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.4 2.4 7.1





#25
2-Butanone
Concen: 209.792 ug/l
RT: 4.580 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

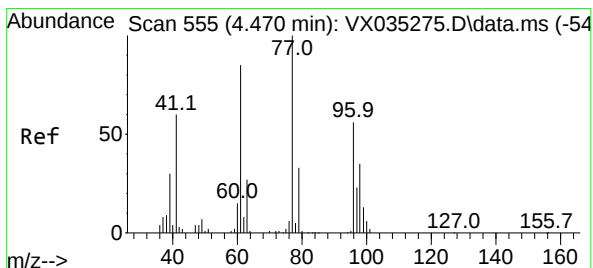
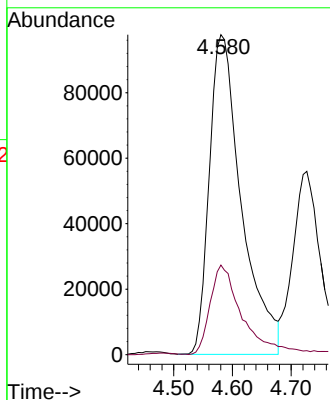
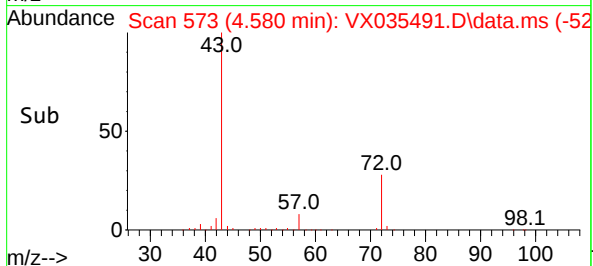
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 43 Resp: 371058
Ion Ratio Lower Upper
43 100
72 27.8 19.3 28.9

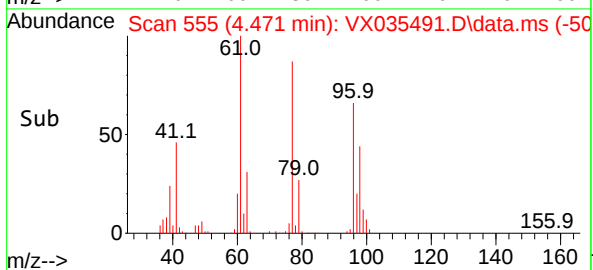
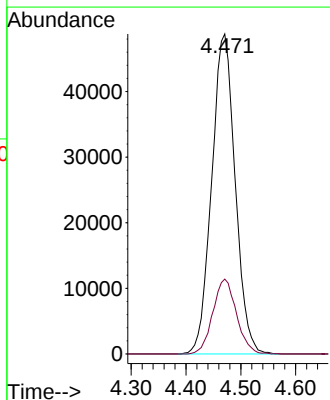
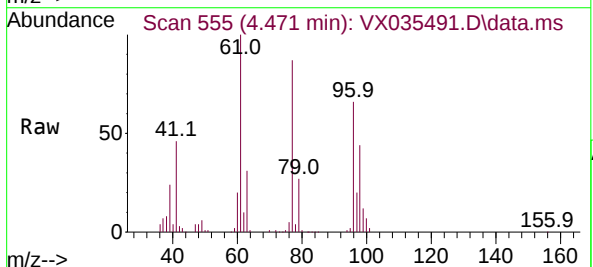
Manual Integrations
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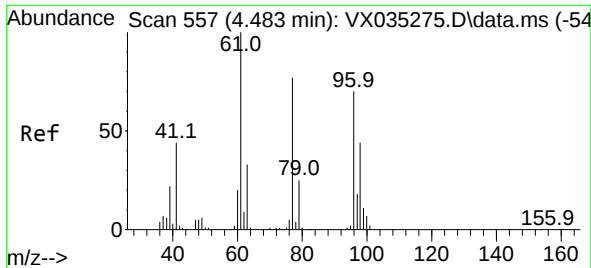
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#26
2,2-Dichloropropane
Concen: 42.048 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 77 Resp: 145139
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 45.752 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

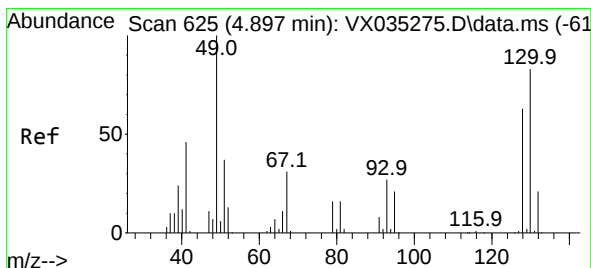
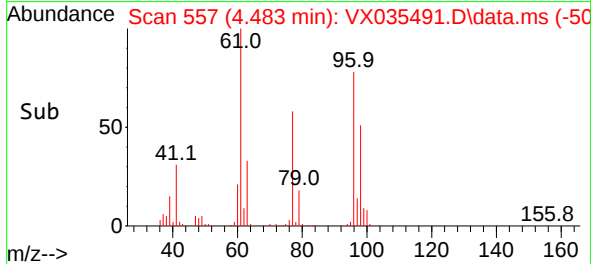
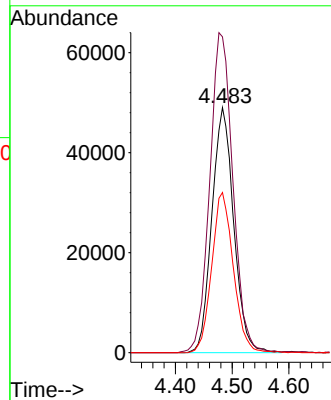
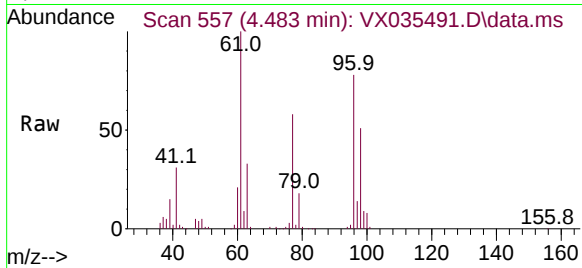
Tgt Ion:	96	Resp:	13119
Ion Ratio	Lower	Upper	
96	100		
61	138.3	0.0	300.4
98	64.8	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#28

Bromochloromethane

Concen: 43.069 ug/l

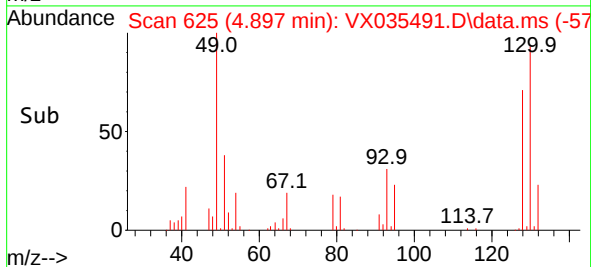
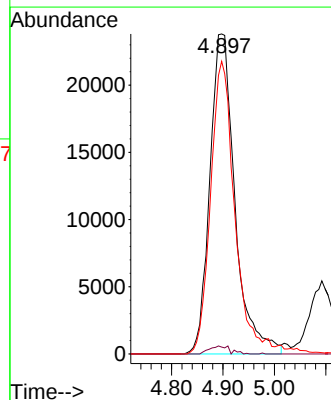
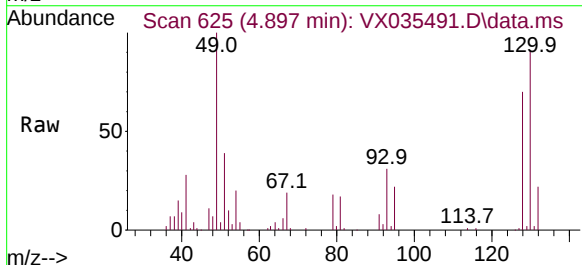
RT: 4.897 min Scan# 625

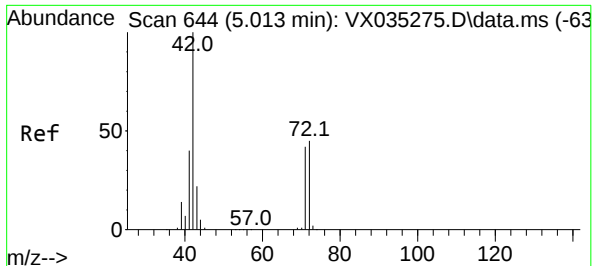
Delta R.T. 0.000 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Tgt Ion:	49	Resp:	80866
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.0
130	87.5	58.2	87.2





#29

Tetrahydrofuran

Concen: 227.105 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX035491.D

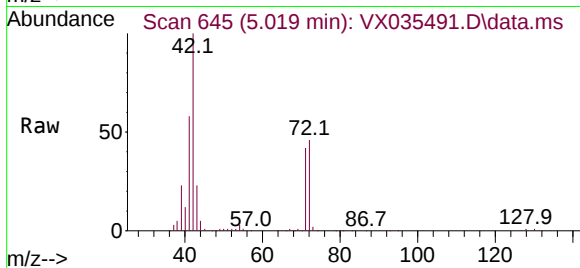
Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS



Tgt Ion: 42 Resp: 257490

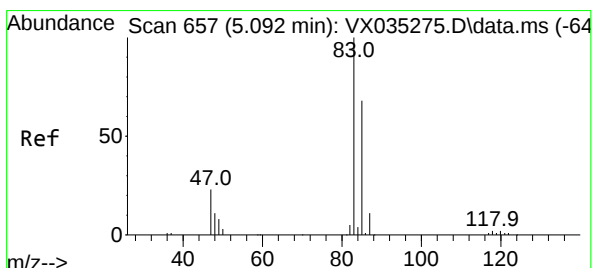
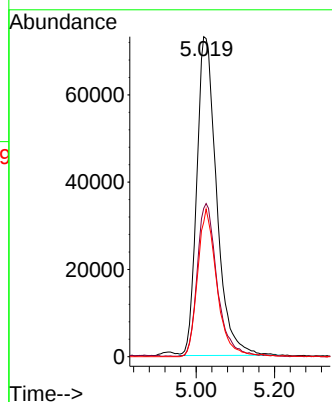
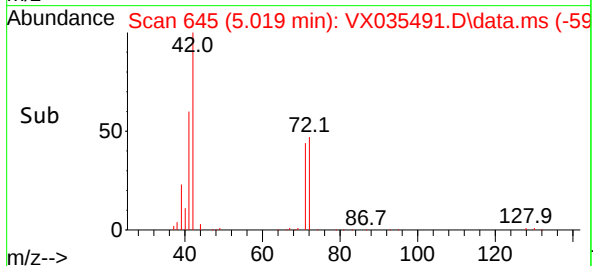
Ion	Ratio	Lower	Upper
42	100		
72	47.9	34.5	51.7
71	44.7	32.1	48.1

Manual Integrations

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Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

Chloroform

Concen: 47.656 ug/l

RT: 5.092 min Scan# 657

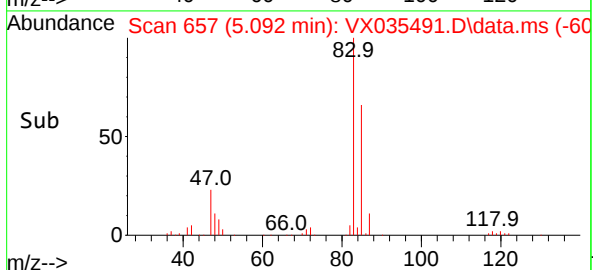
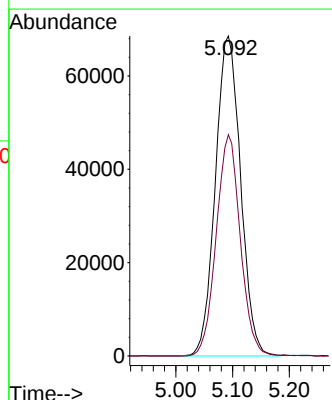
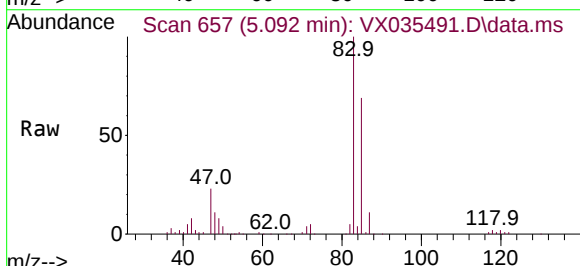
Delta R.T. 0.000 min

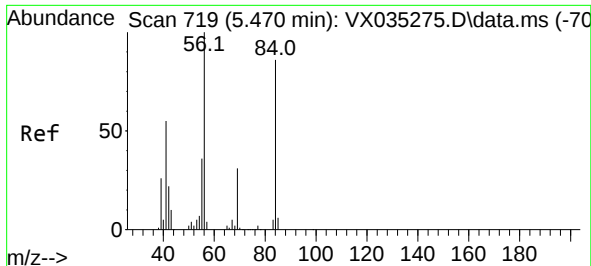
Lab File: VX035491.D

Acq: 02 May 2023 19:51

Tgt Ion: 83 Resp: 211967

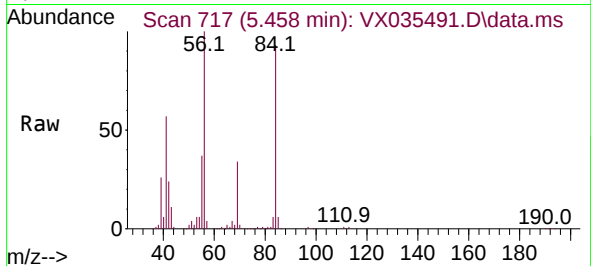
Ion	Ratio	Lower	Upper
83	100		
85	69.2	50.6	76.0





#31
Cyclohexane
Concen: 34.457 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

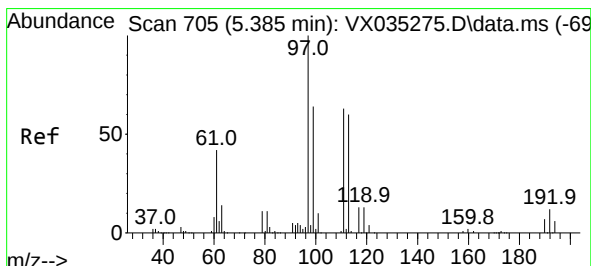
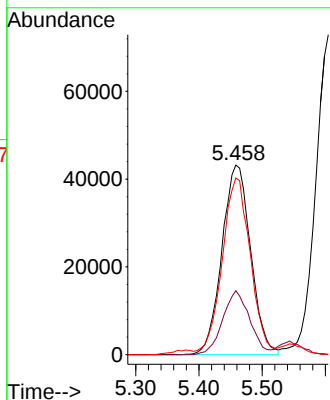
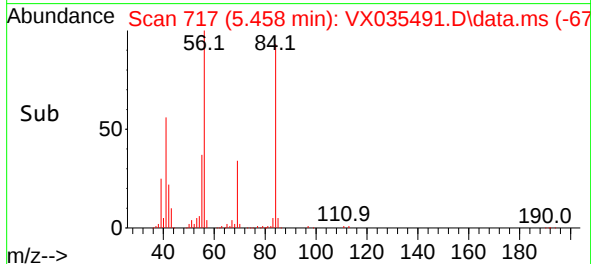
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 56 Resp: 13637
Ion Ratio Lower Upper
56 100
69 33.7 23.7 35.5
84 90.8 68.5 102.7

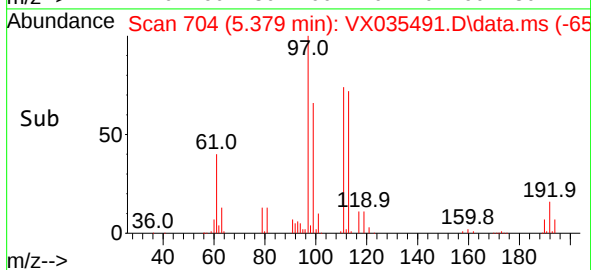
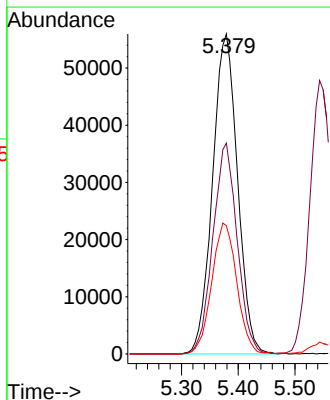
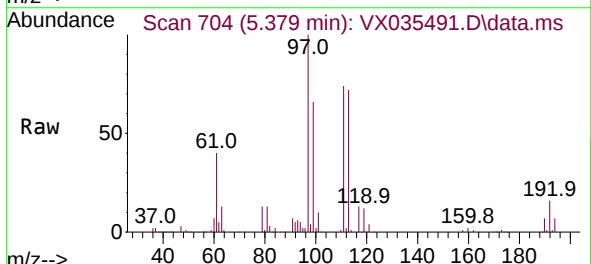
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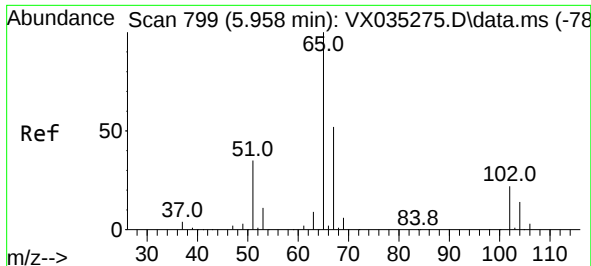
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#32
1,1,1-Trichloroethane
Concen: 43.916 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 97 Resp: 171185
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 41.0 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 55.353 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion: 65 Resp: 154439

Ion Ratio Lower Upper

65 100

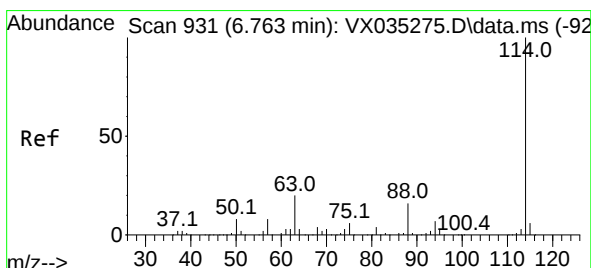
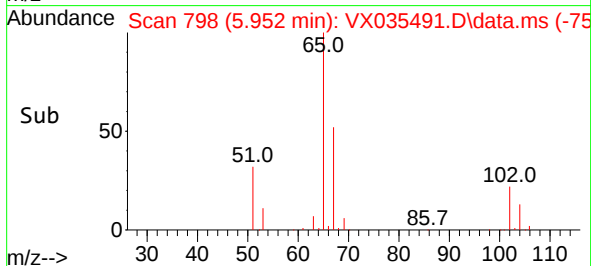
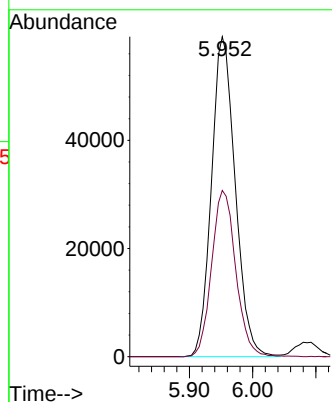
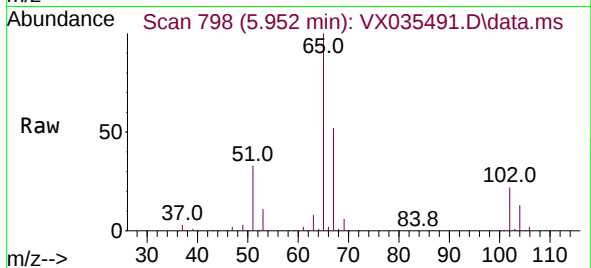
67 52.6 0.0 104.0

Manual Integrations

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Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

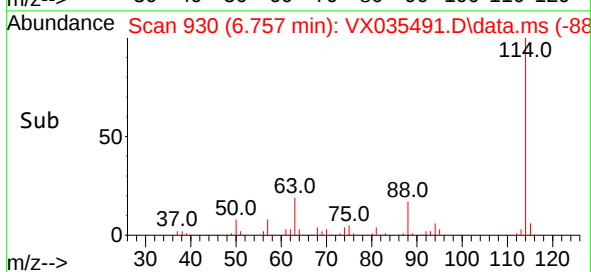
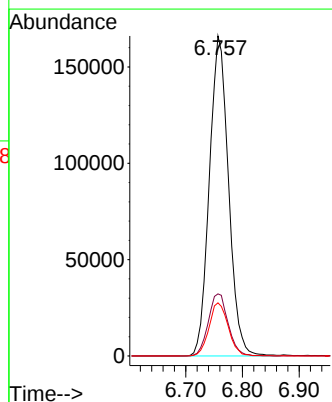
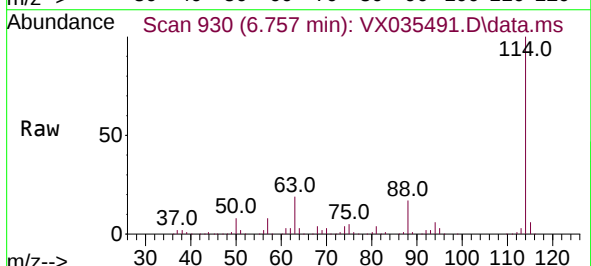
Tgt Ion:114 Resp: 389909

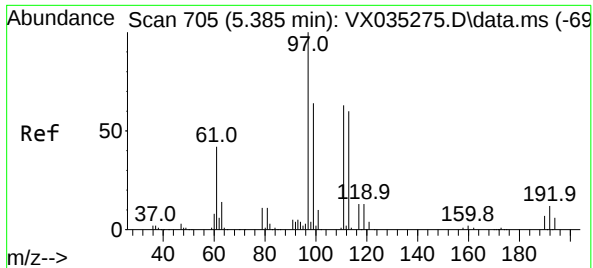
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.2

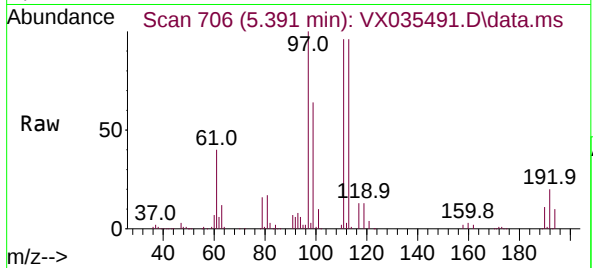
88 16.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.984 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

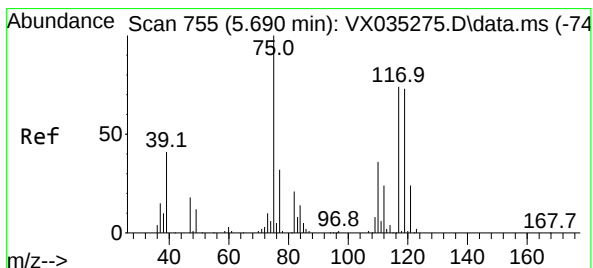
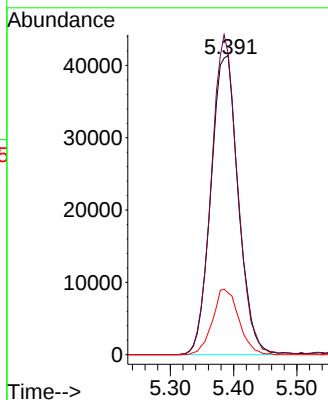
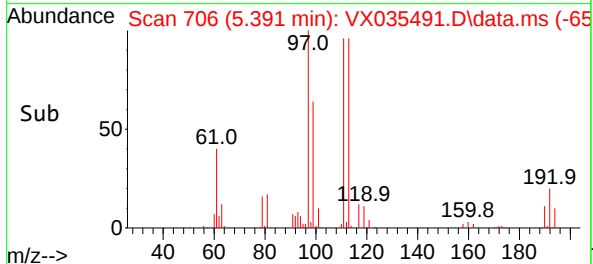
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:113 Resp: 124400
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 21.0 15.4 23.2

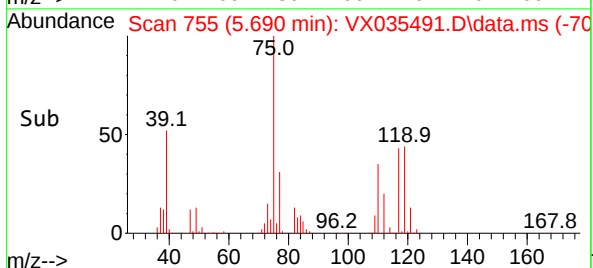
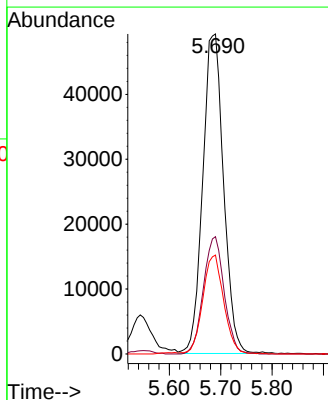
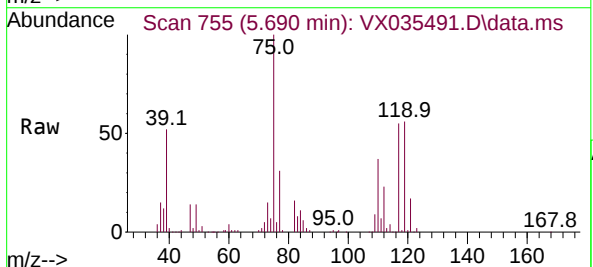
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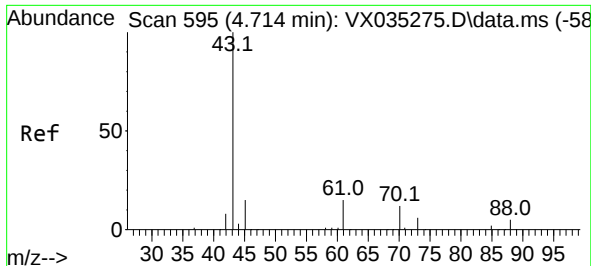
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#36
1,1-Dichloropropene
Concen: 37.061 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 75 Resp: 138490
Ion Ratio Lower Upper
75 100
110 36.6 17.5 52.5
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 53.474 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.013 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion: 43 Resp: 18250

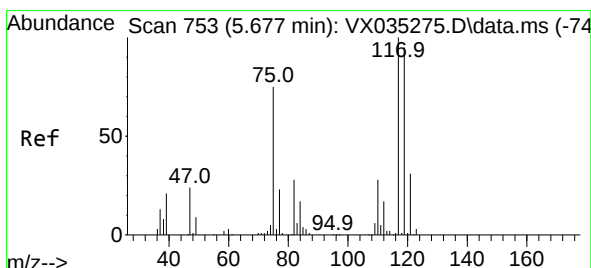
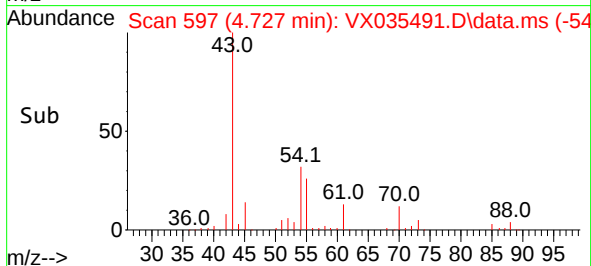
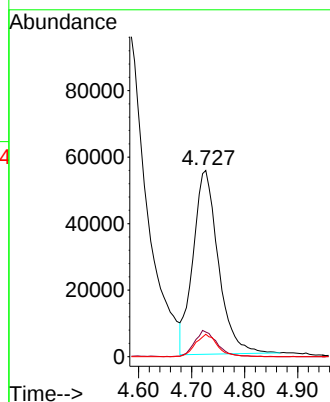
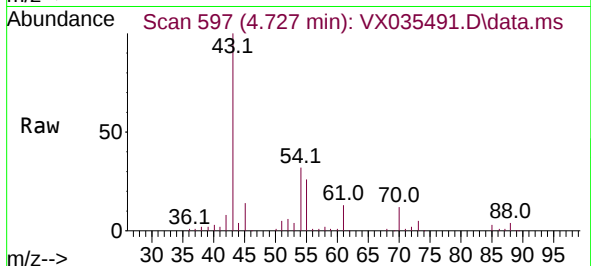
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.4
70	10.8	8.2	12.4

Manual Integrations

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Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#38

Carbon Tetrachloride

Concen: 38.871 ug/l

RT: 5.672 min Scan# 752

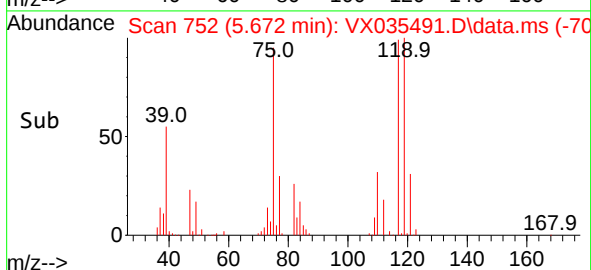
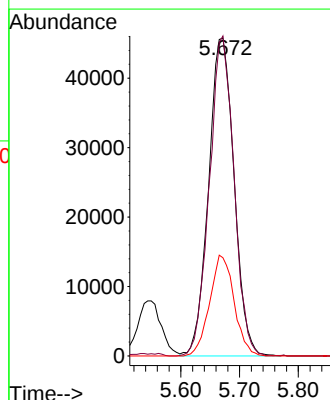
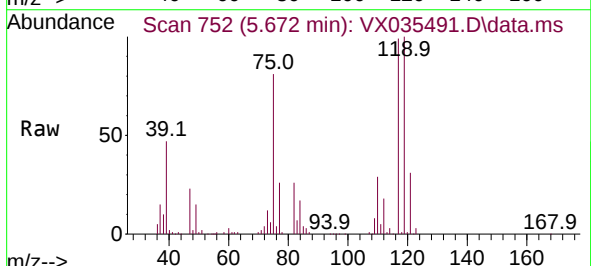
Delta R.T. -0.005 min

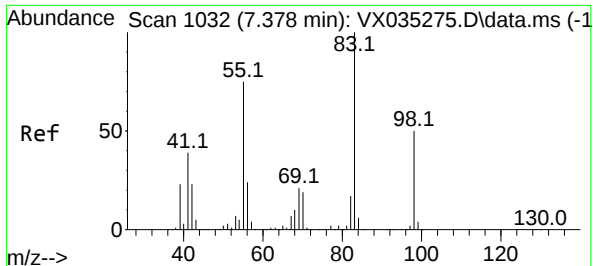
Lab File: VX035491.D

Acq: 02 May 2023 19:51

Tgt Ion:117 Resp: 137890

Ion	Ratio	Lower	Upper
117	100		
119	100.5	76.6	114.8
121	30.9	23.8	35.6





#39

Methylcyclohexane

Concen: 32.144 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion: 83 Resp: 146208

Ion Ratio Lower Upper

83 100

55 76.5 60.5 90.7

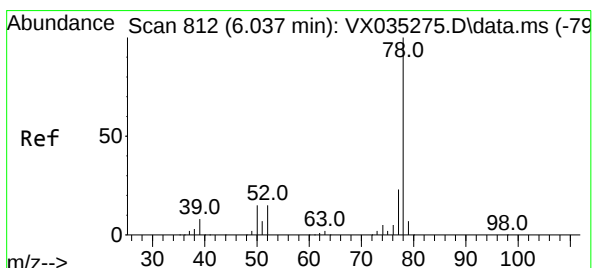
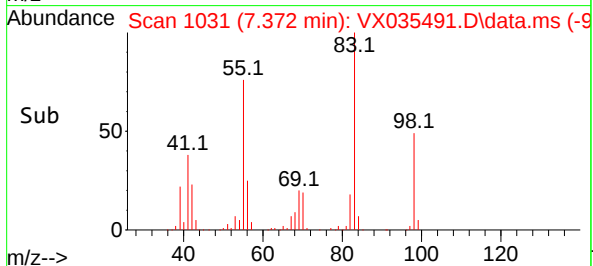
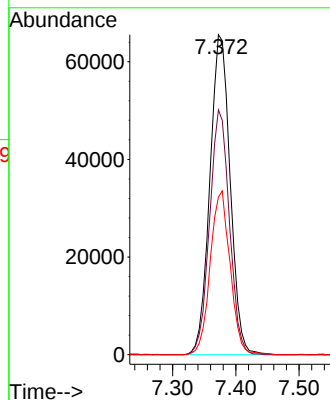
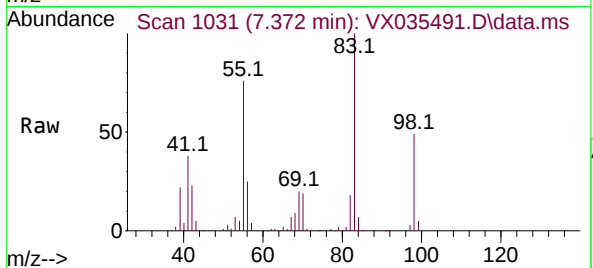
98 49.3 40.4 60.6

Manual Integrations

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Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#40

Benzene

Concen: 42.460 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX035491.D

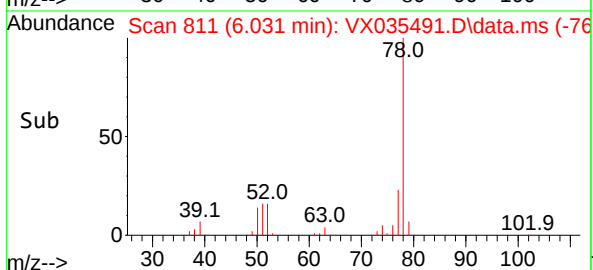
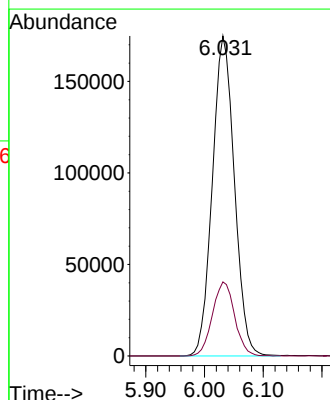
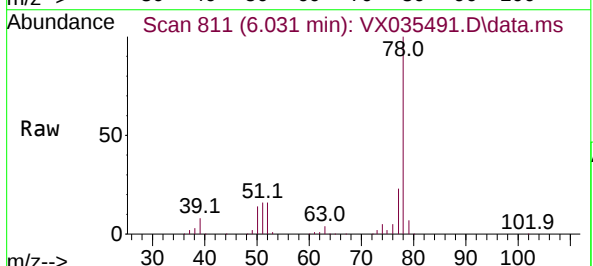
Acq: 02 May 2023 19:51

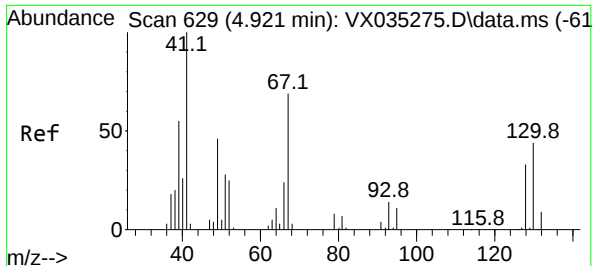
Tgt Ion: 78 Resp: 455151

Ion Ratio Lower Upper

78 100

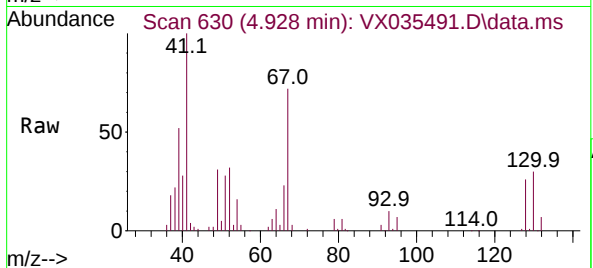
77 23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 44.507 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

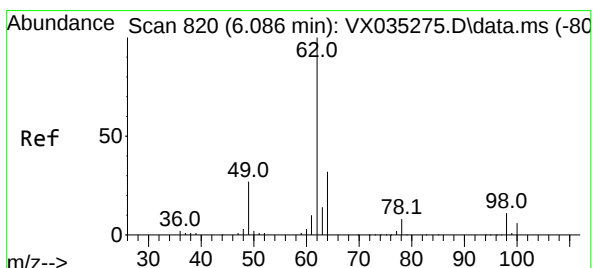
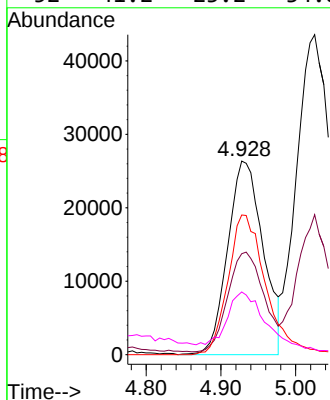
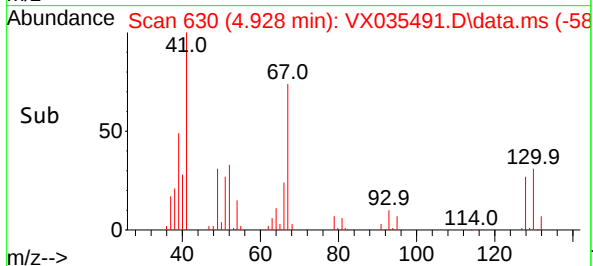
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 41 Resp: 87039
Ion Ratio Lower Upper
41 100
39 52.2 45.0 67.6
67 78.4 55.6 83.4
52 41.2 23.2 34.8#

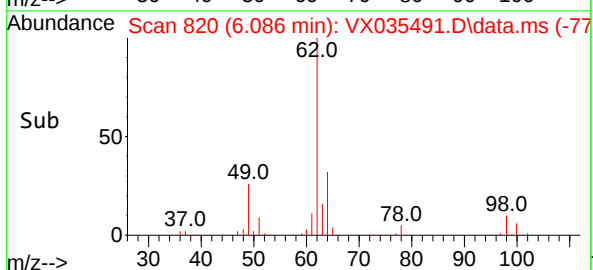
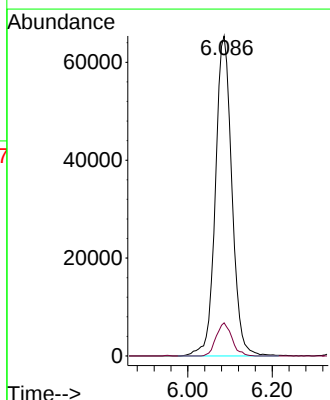
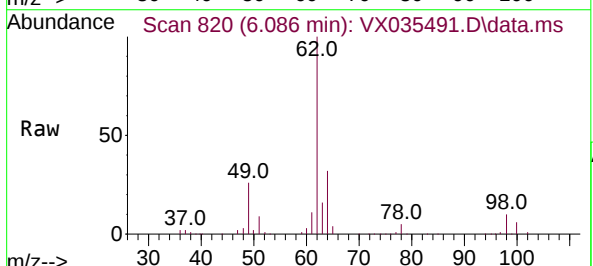
Manual Integrations
APPROVED

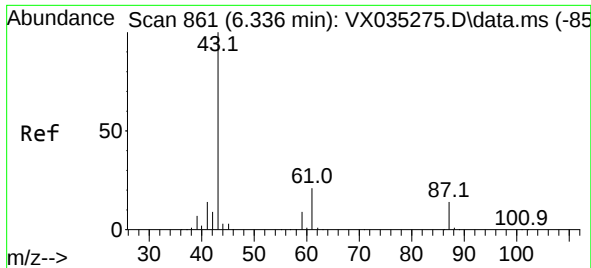
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#42
1,2-Dichloroethane
Concen: 46.280 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 62 Resp: 176885
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0





#43

Isopropyl Acetate

Concen: 48.342 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX035491.D

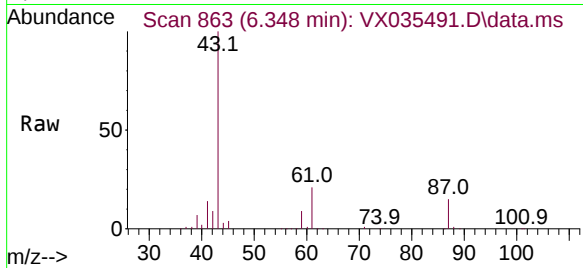
Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS



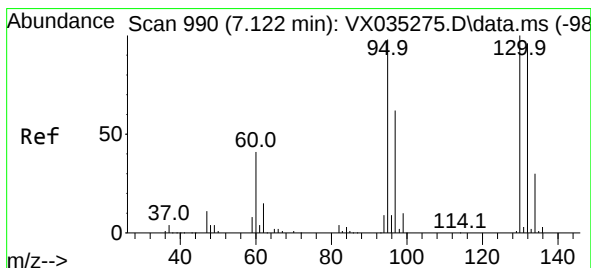
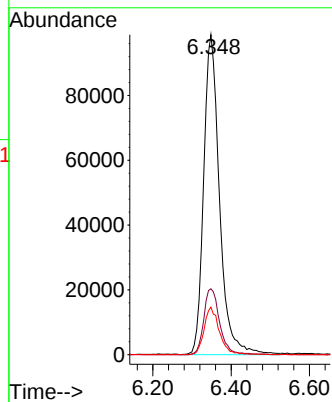
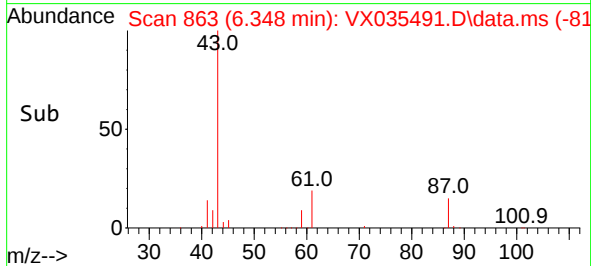
Tgt Ion:	43	61	87
Ratio	100	20.7	14.2
Lower		15.2	9.8
Upper		22.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#44

Trichloroethene

Concen: 41.405 ug/l

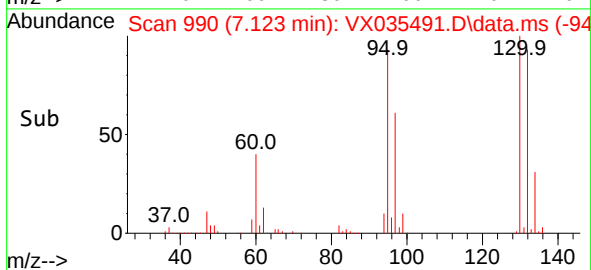
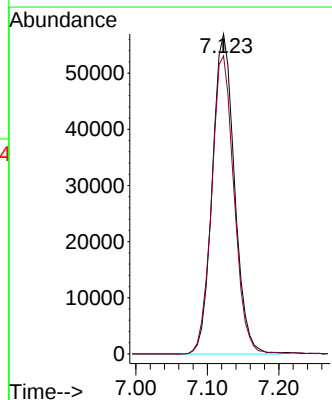
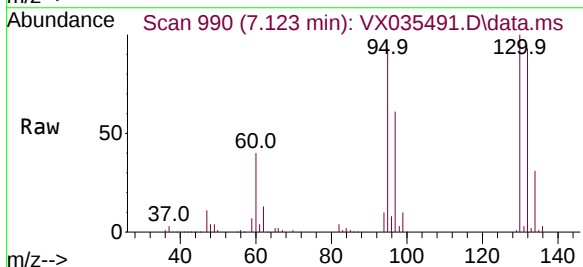
RT: 7.123 min Scan# 990

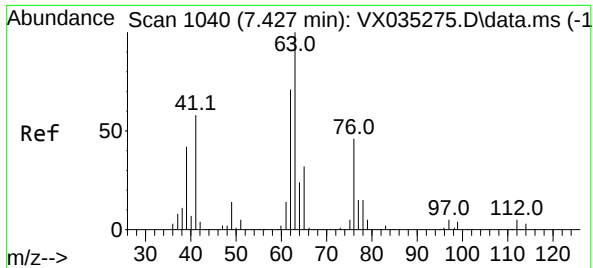
Delta R.T. 0.001 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

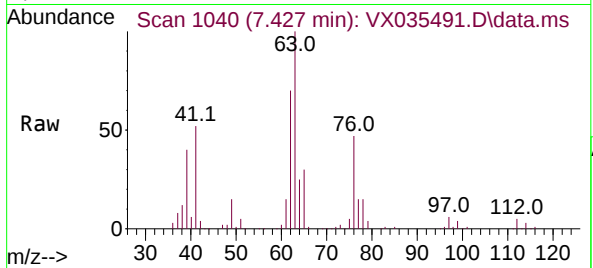
Tgt Ion:	130	95
Ratio	100	93.2
Lower		0.0
Upper		198.4





#45
1,2-Dichloropropane
Concen: 44.293 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

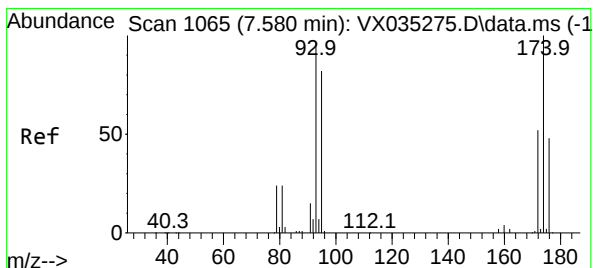
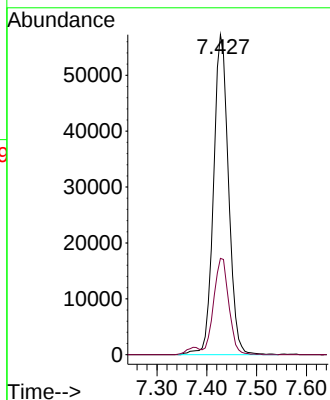
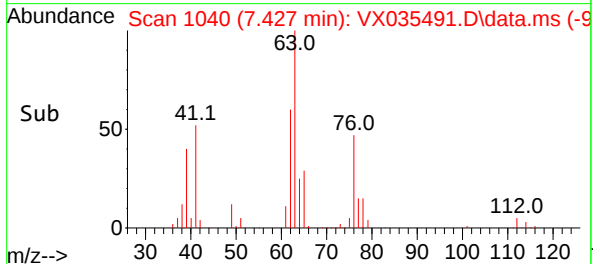
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 63 Resp: 11970
Ion Ratio Lower Upper
63 100
65 30.1 24.6 37.0

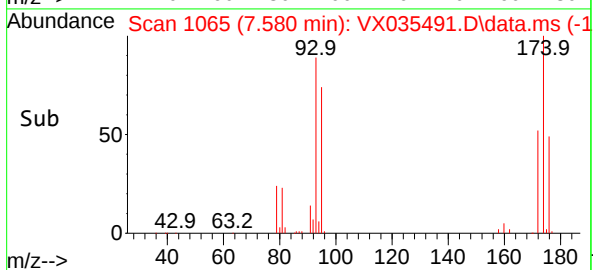
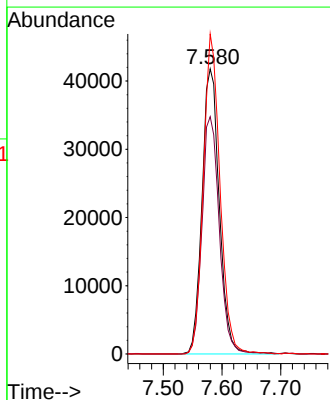
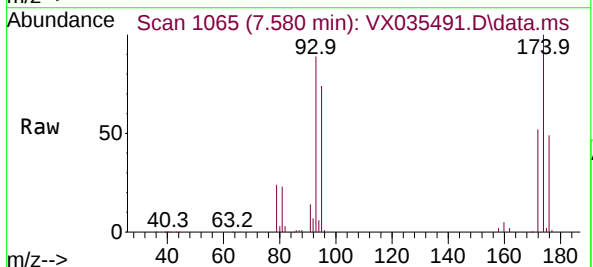
Manual Integrations
APPROVED

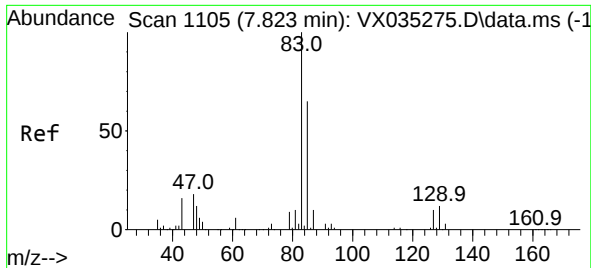
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#46
Dibromomethane
Concen: 45.980 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

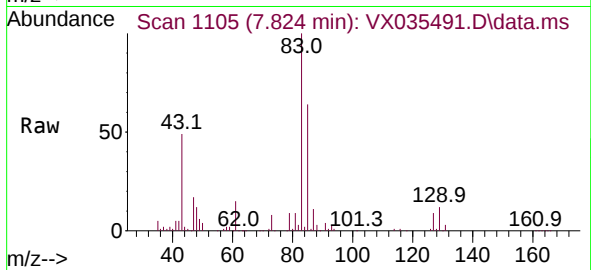
Tgt Ion: 93 Resp: 85333
Ion Ratio Lower Upper
93 100
95 83.3 66.9 100.3
174 108.4 75.4 113.0





#47
Bromodichloromethane
Concen: 45.731 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

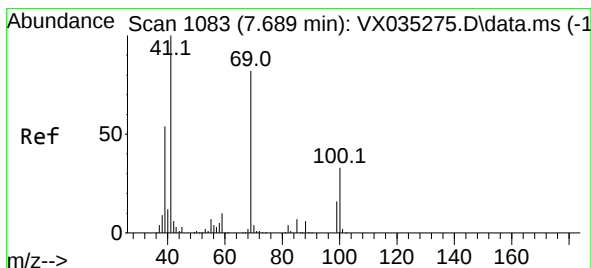
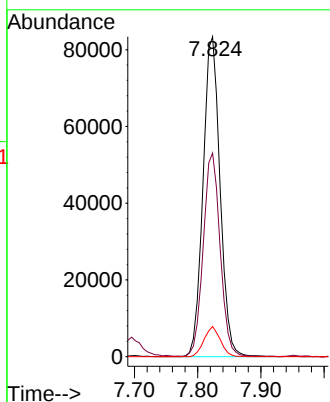
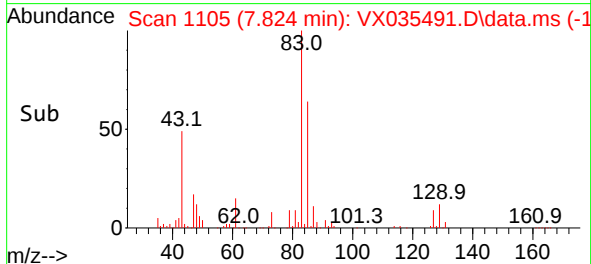
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 83 Resp: 156370
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 9.5 6.6 9.8

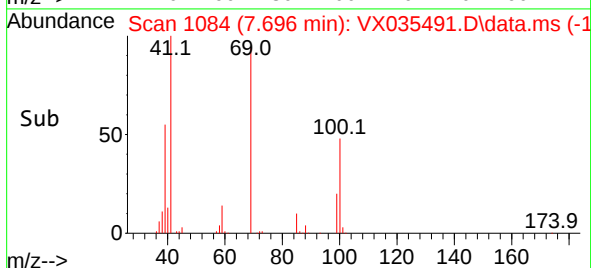
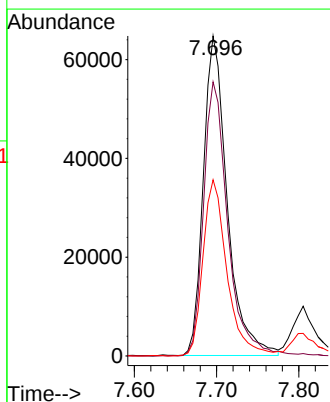
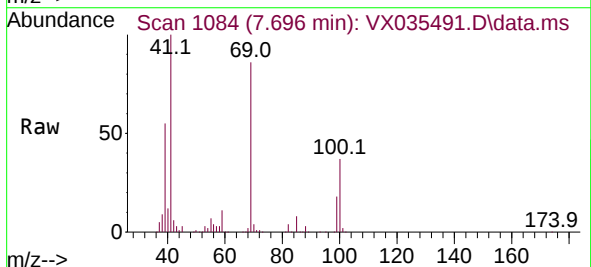
Manual Integrations
APPROVED

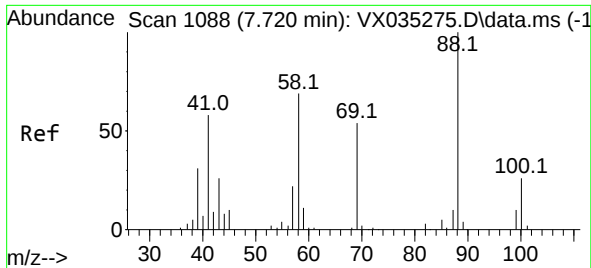
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#48
Methyl methacrylate
Concen: 46.477 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

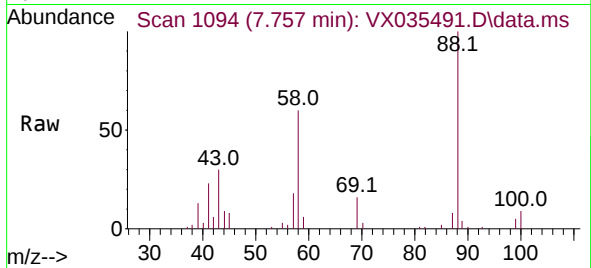
Tgt Ion: 41 Resp: 130744
Ion Ratio Lower Upper
41 100
69 87.2 62.2 93.4
39 55.4 47.7 71.5





#49
1,4-Dioxane
Concen: 776.613 ug/l
RT: 7.757 min Scan# 1094
Delta R.T. 0.037 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

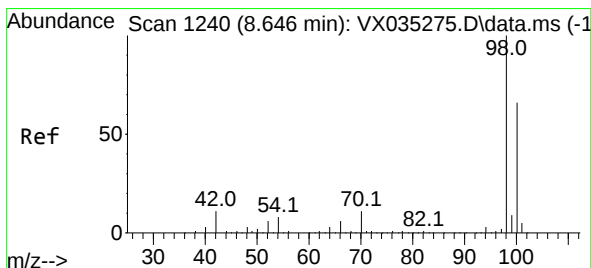
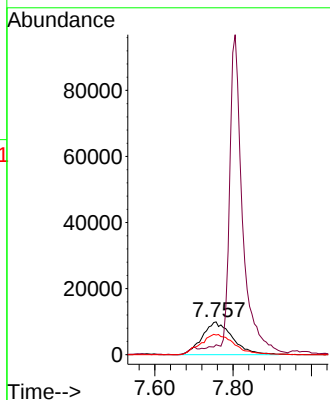
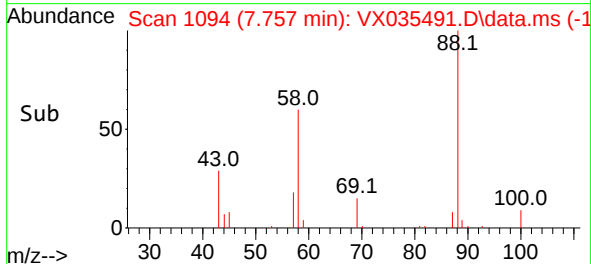
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 88 Resp: 53252
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5
58 68.9 56.8 85.2

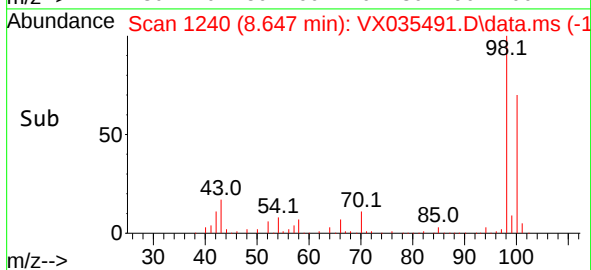
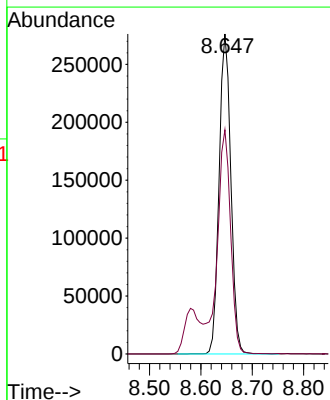
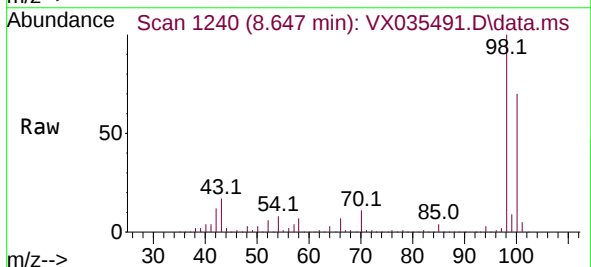
Manual Integrations
APPROVED

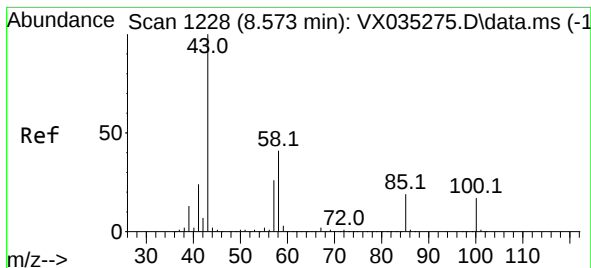
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#50
Toluene-d8
Concen: 48.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

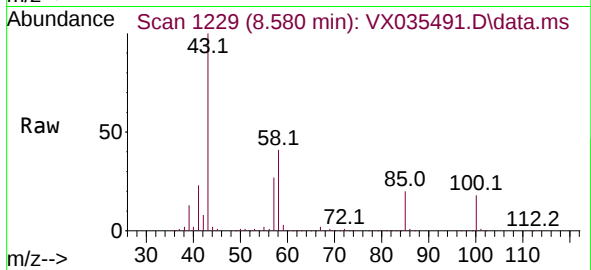
Tgt Ion: 98 Resp: 438218
Ion Ratio Lower Upper
98 100
100 77.0 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 131.830 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.007 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

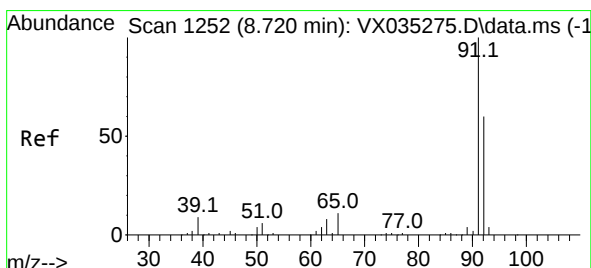
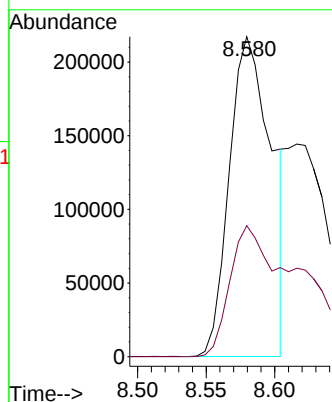
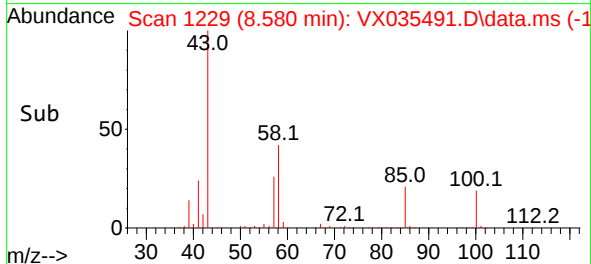
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 43 Resp: 464470
Ion Ratio Lower Upper
43 100
58 68.7 30.6 46.0

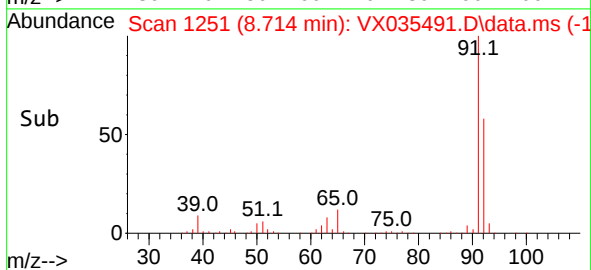
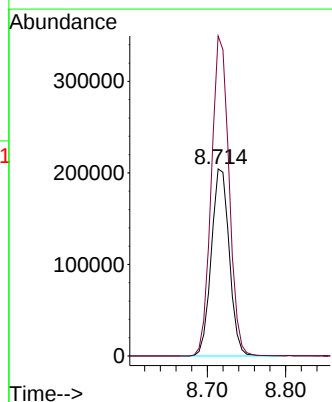
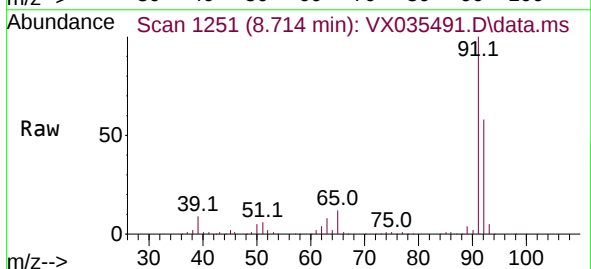
Manual Integrations
APPROVED

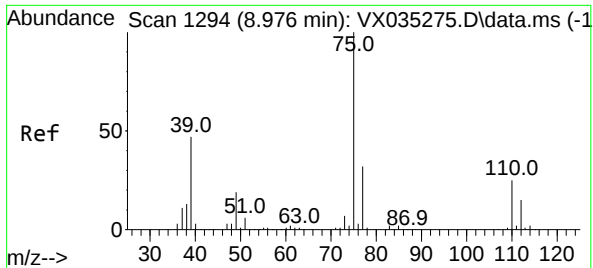
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#52
Toluene
Concen: 47.866 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 92 Resp: 325237
Ion Ratio Lower Upper
92 100
91 168.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 49.418 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion: 75 Resp: 17646

Ion Ratio Lower Upper

75 100

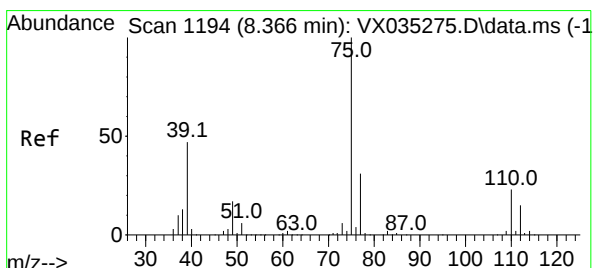
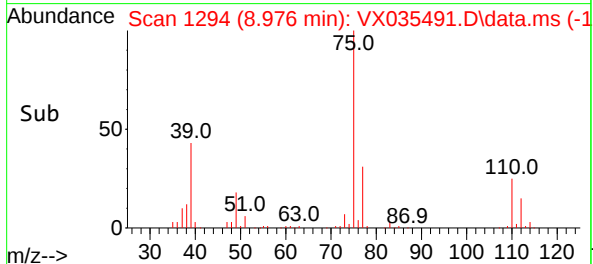
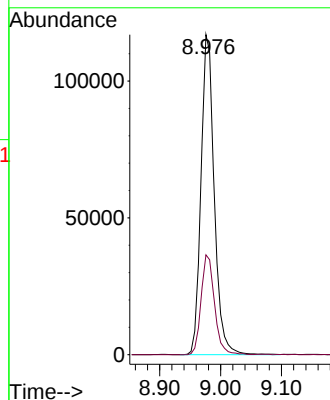
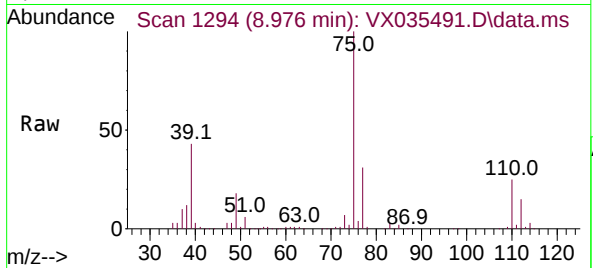
77 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#54

cis-1,3-Dichloropropene

Concen: 47.705 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

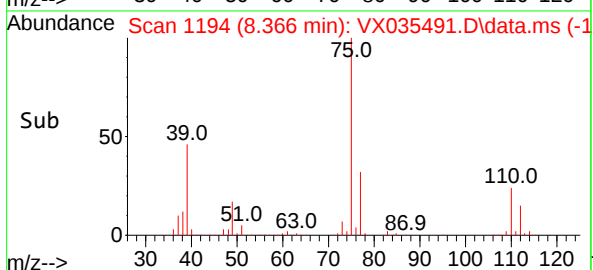
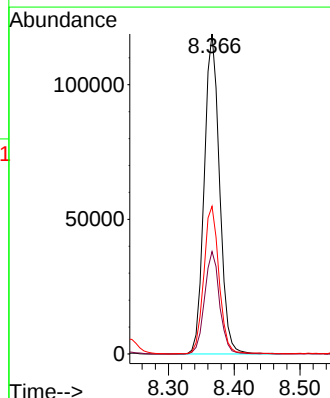
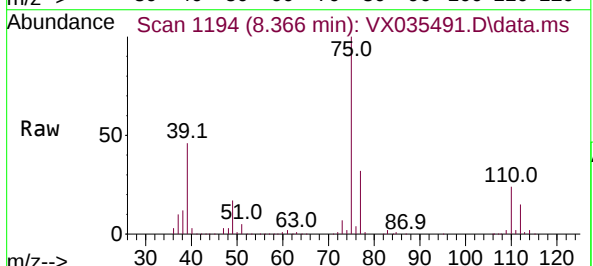
Tgt Ion: 75 Resp: 192547

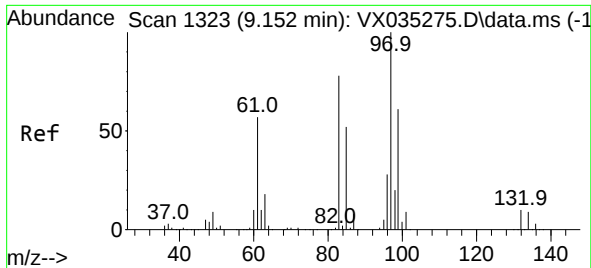
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

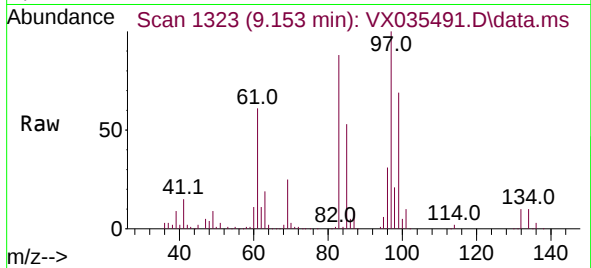
39 46.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 44.951 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.001 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

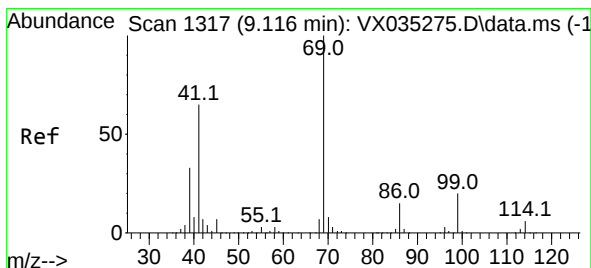
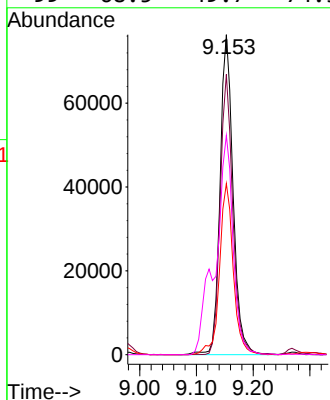
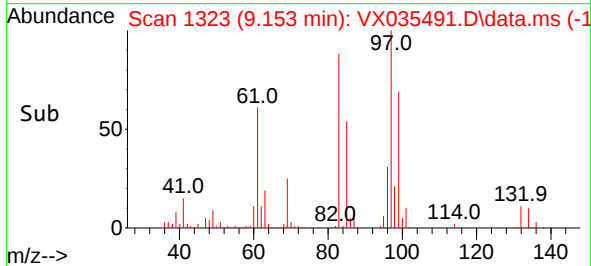
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



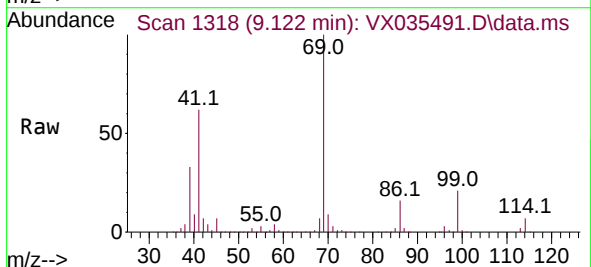
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.7	104.5
85	53.4	43.7	65.5
99	68.5	49.7	74.5

Manual Integrations
APPROVED

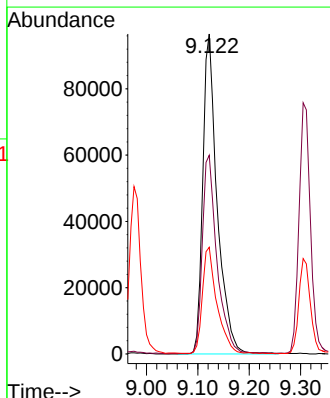
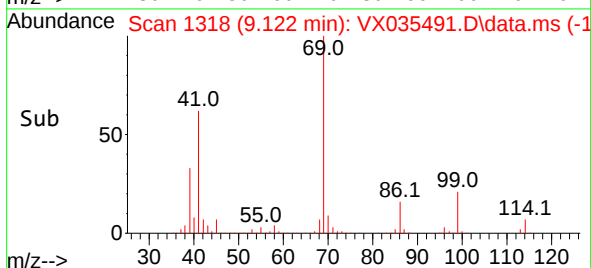
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

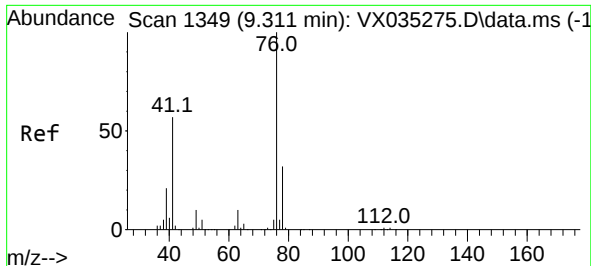


#56
Ethyl methacrylate
Concen: 46.506 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	57.4	86.0
39	33.8	33.7	50.5





#57

1,3-Dichloropropane

Concen: 44.649 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion: 76 Resp: 206862

Ion Ratio Lower Upper

76 100

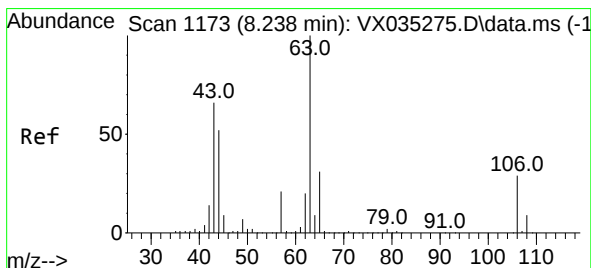
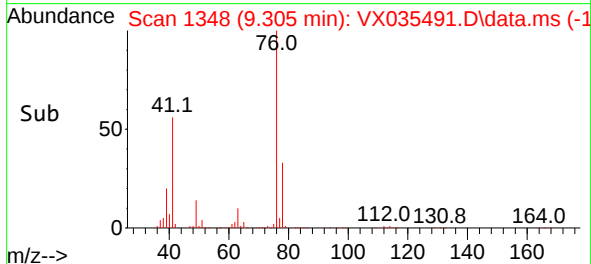
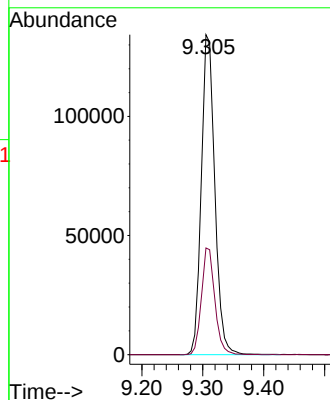
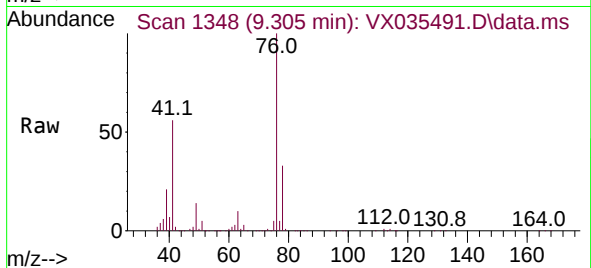
78 33.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 228.802 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035491.D

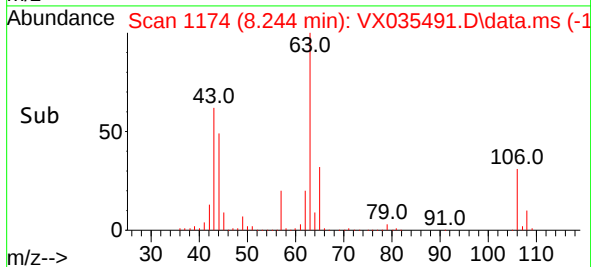
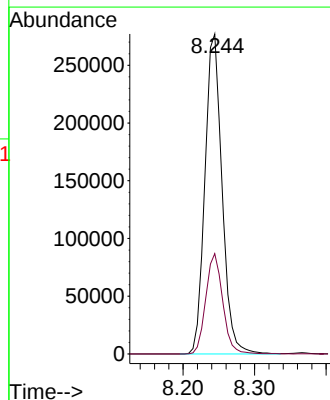
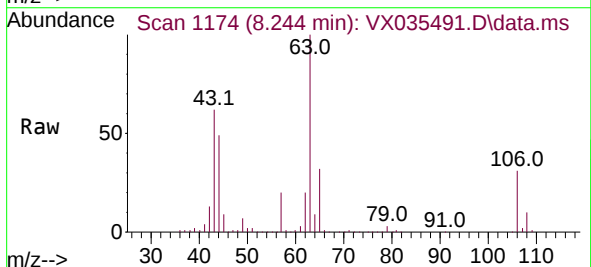
Acq: 02 May 2023 19:51

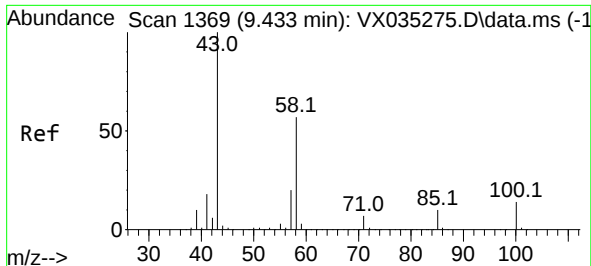
Tgt Ion: 63 Resp: 461637

Ion Ratio Lower Upper

63 100

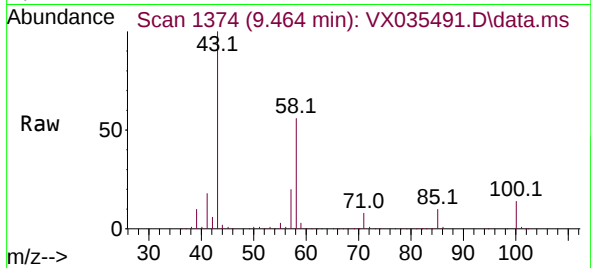
106 31.0 22.2 33.2





#59
2-Hexanone
Concen: 210.646 ug/l
RT: 9.464 min Scan# 11
Delta R.T. 0.031 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

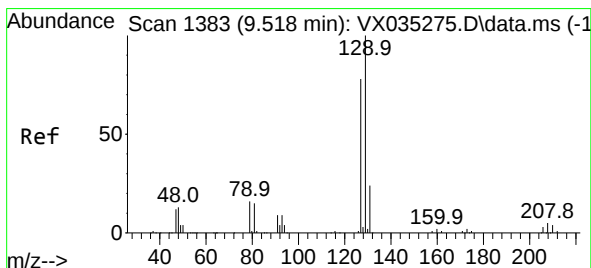
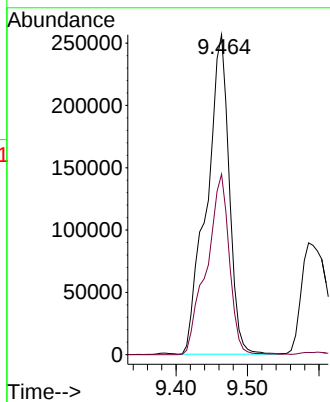
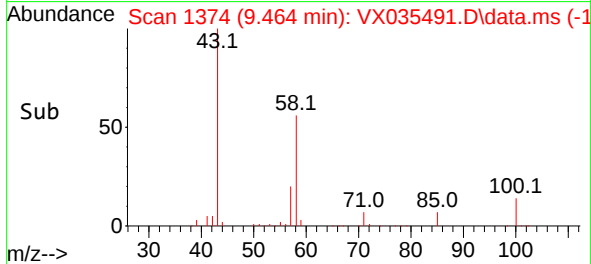
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 43 Resp: 557540
Ion Ratio Lower Upper
43 100
58 57.2 26.3 78.9

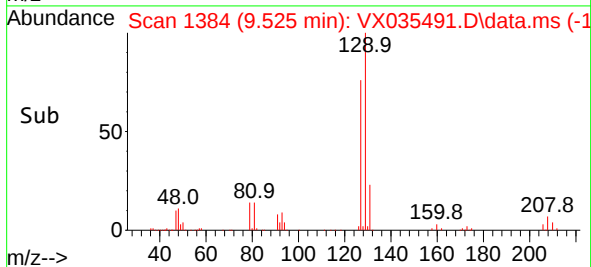
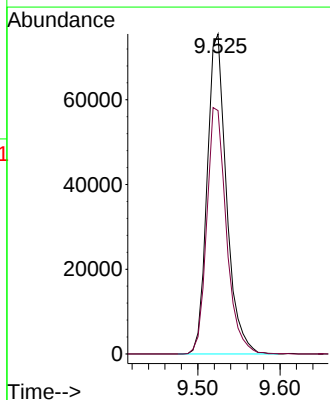
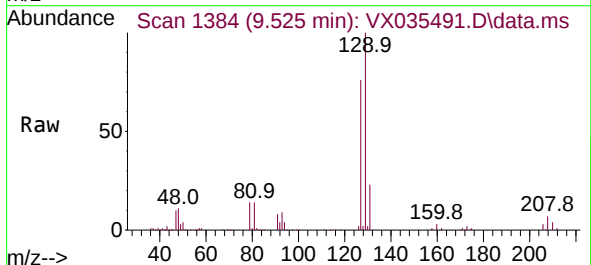
Manual Integrations
APPROVED

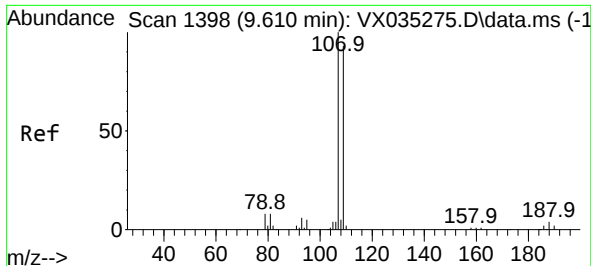
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#60
Dibromochloromethane
Concen: 47.402 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.007 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

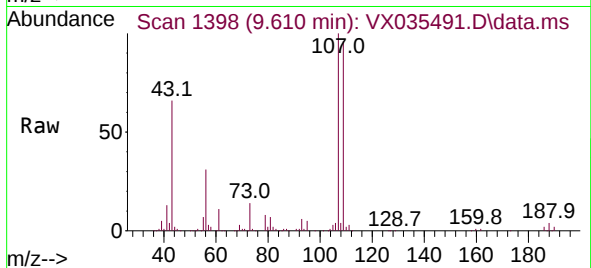
Tgt Ion:129 Resp: 123022
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





#61
1,2-Dibromoethane
Concen: 46.379 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

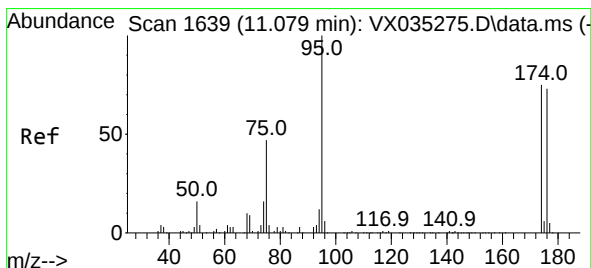
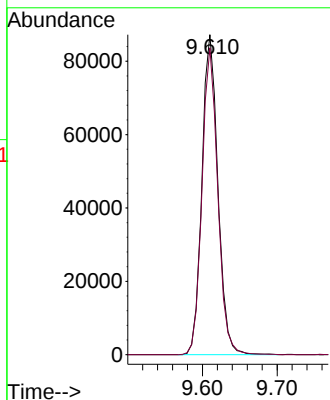
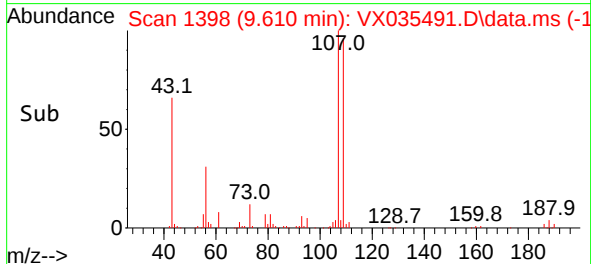
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:107 Resp: 129509
Ion Ratio Lower Upper
107 100
109 94.7 75.3 112.9

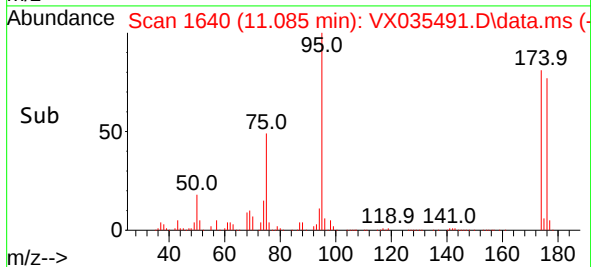
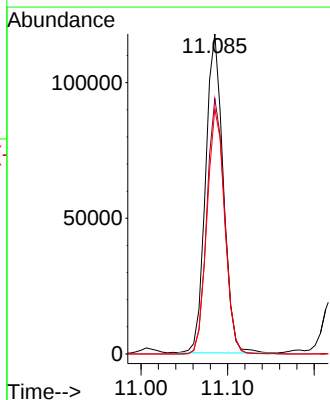
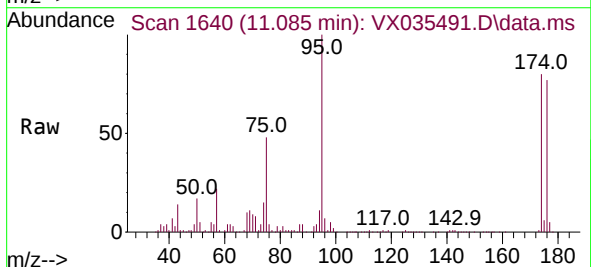
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#62
4-Bromofluorobenzene
Concen: 48.990 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

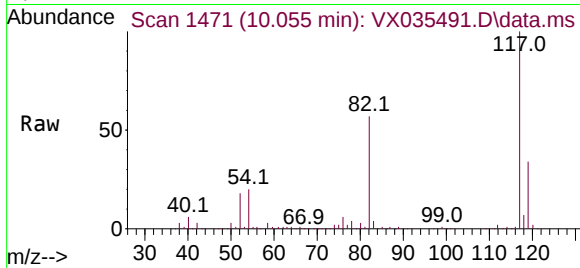
Tgt Ion: 95 Resp: 166375
Ion Ratio Lower Upper
95 100
174 80.4 0.0 147.4
176 77.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

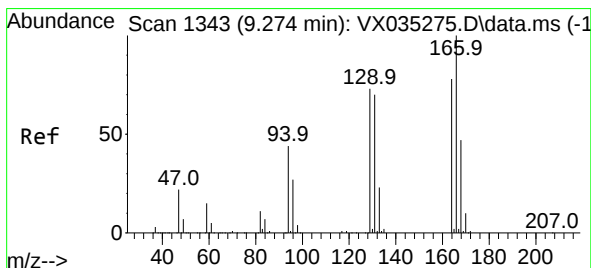
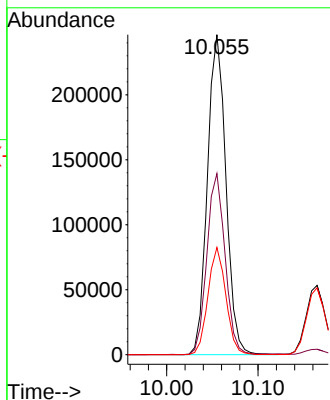
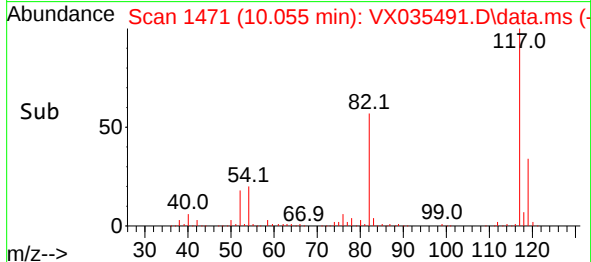
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:117 Resp: 345370
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 33.5 26.0 39.0

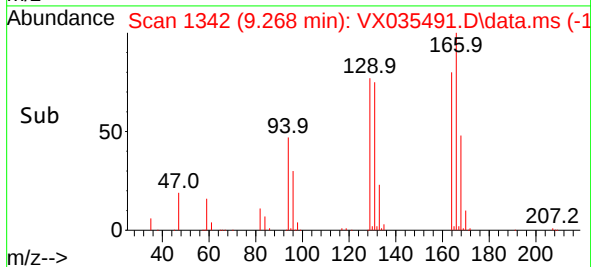
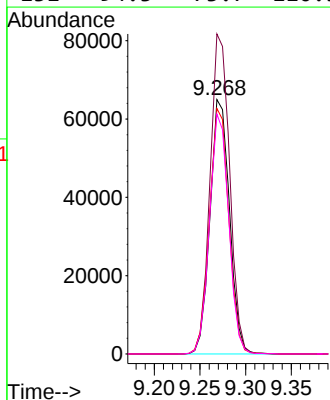
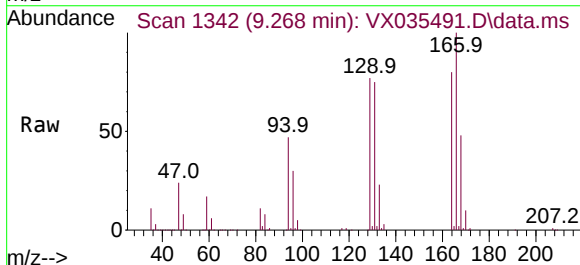
Manual Integrations
APPROVED

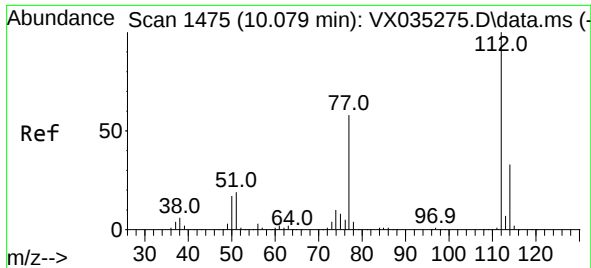
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#64
Tetrachloroethene
Concen: 36.393 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

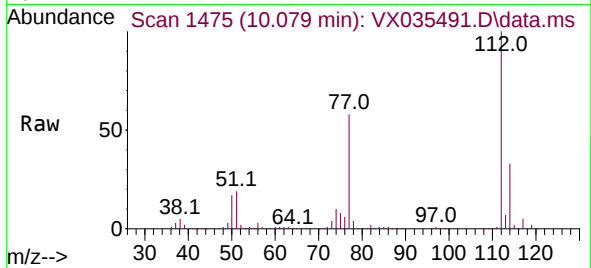
Tgt Ion:164 Resp: 96238
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 96.5 75.6 113.4
131 94.3 73.7 110.5





#65
Chlorobenzene
Concen: 41.823 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

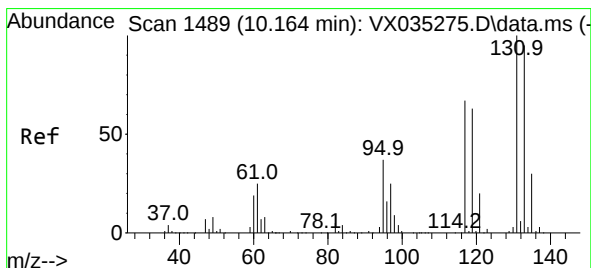
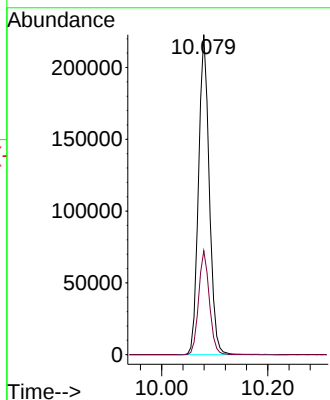
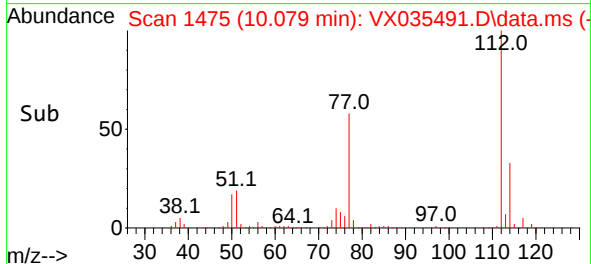
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



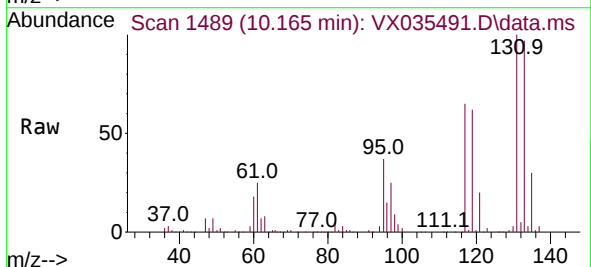
Tgt Ion:112 Resp: 312500
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

Manual Integrations
APPROVED

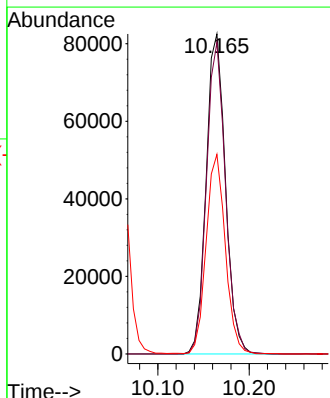
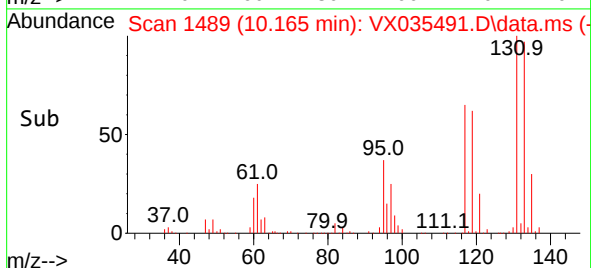
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

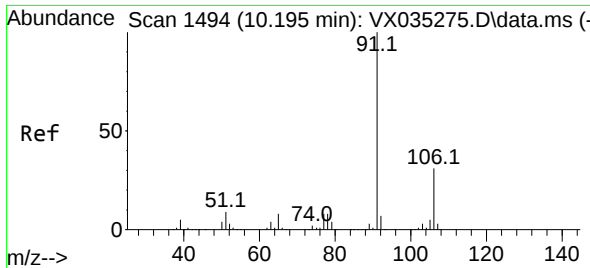


#66
1,1,1,2-Tetrachloroethane
Concen: 46.582 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51



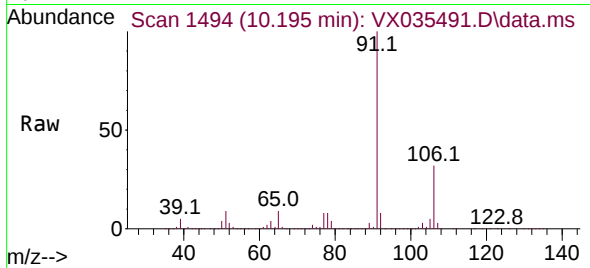
Tgt Ion:131 Resp: 121135
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 61.9 32.6 98.0





#67
Ethyl Benzene
Concen: 42.229 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

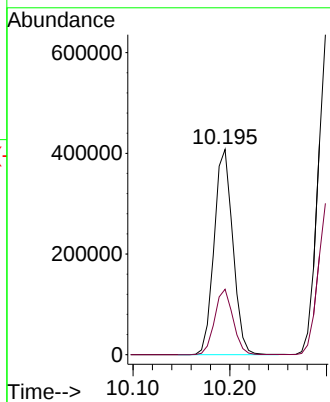
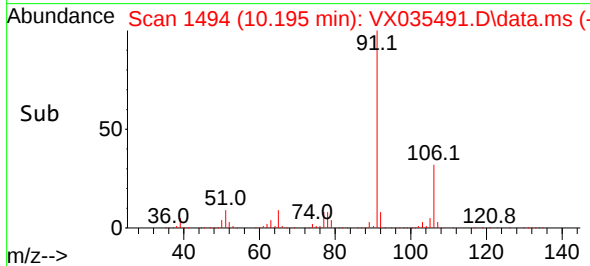
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



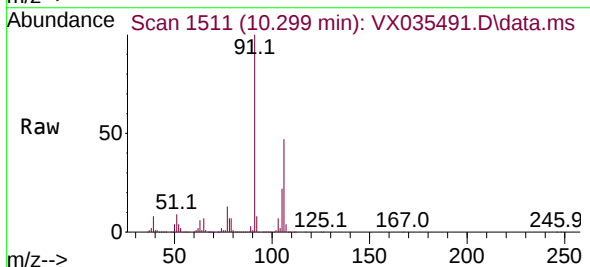
Tgt Ion: 91 Resp: 546450
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

Manual Integrations
APPROVED

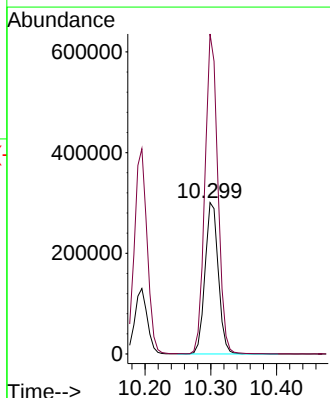
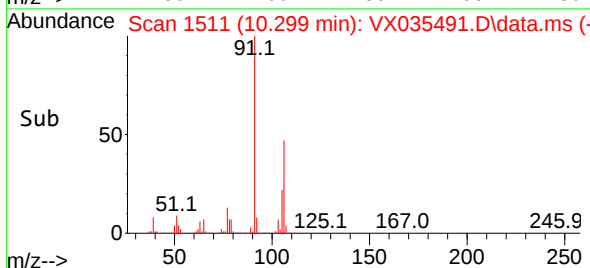
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

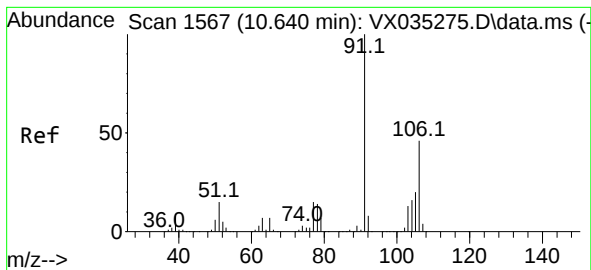


#68
m/p-Xylenes
Concen: 84.960 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51



Tgt Ion:106 Resp: 421269
Ion Ratio Lower Upper
106 100
91 206.3 164.0 246.0





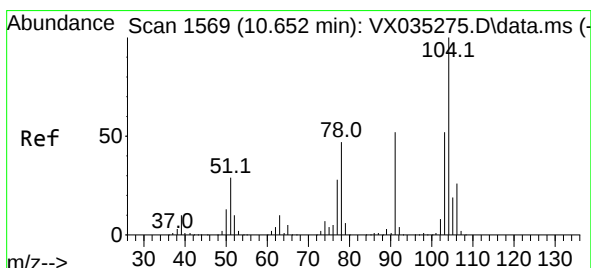
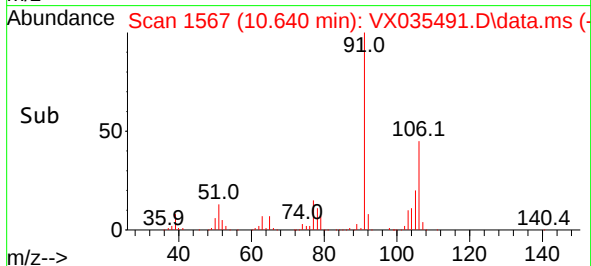
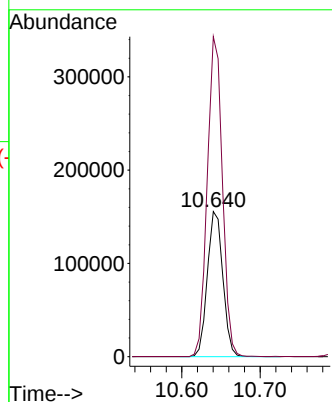
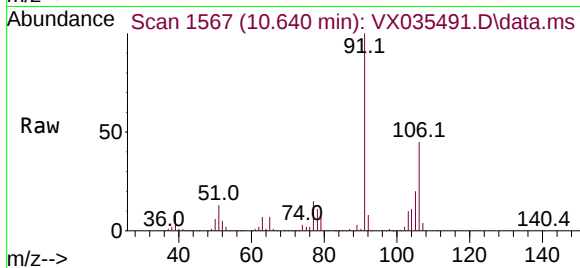
#69
o-Xylene
Concen: 43.808 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS

Tgt Ion:106 Resp: 213000
Ion Ratio Lower Upper
106 100
91 215.4 108.5 325.3

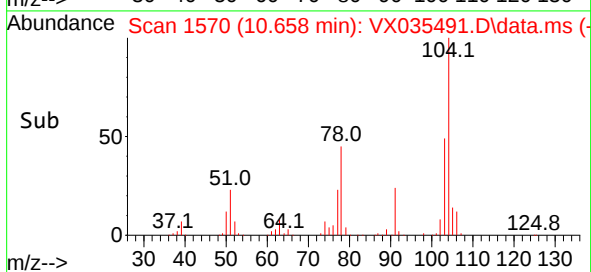
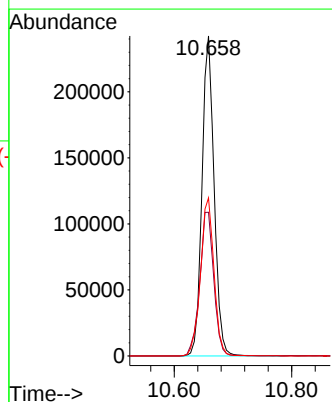
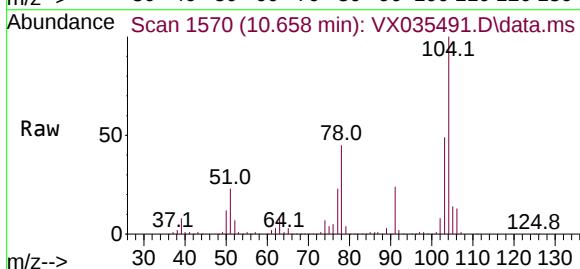
Manual Integrations
APPROVED

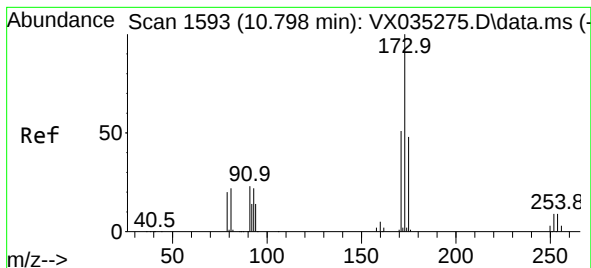
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#70
Styrene
Concen: 44.043 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

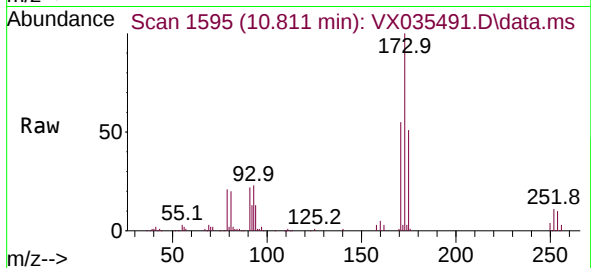
Tgt Ion:104 Resp: 347218
Ion Ratio Lower Upper
104 100
78 52.1 43.4 65.2
103 55.1 44.2 66.2





#71
Bromoform
Concen: 46.227 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.013 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

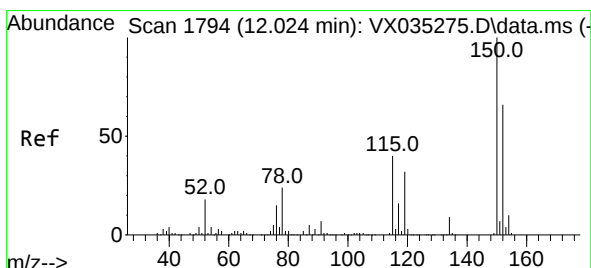
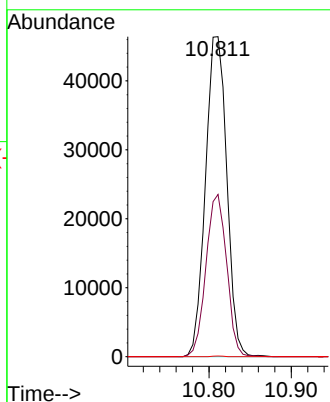
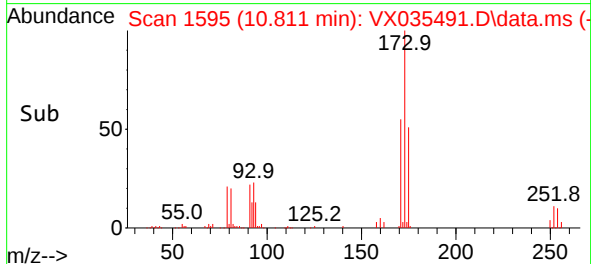
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:173 Resp: 8361
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.1 0.1 0.1

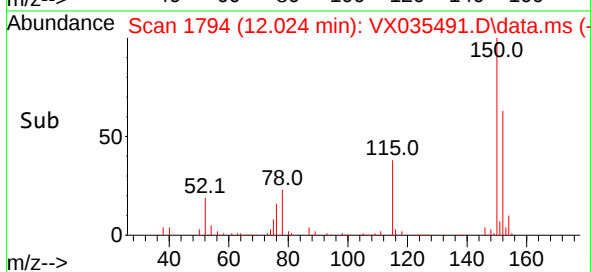
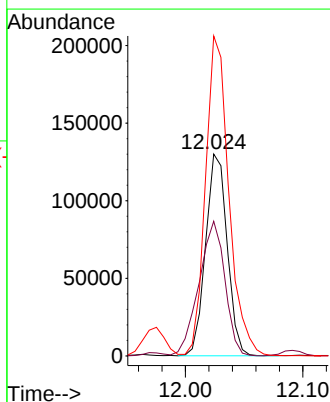
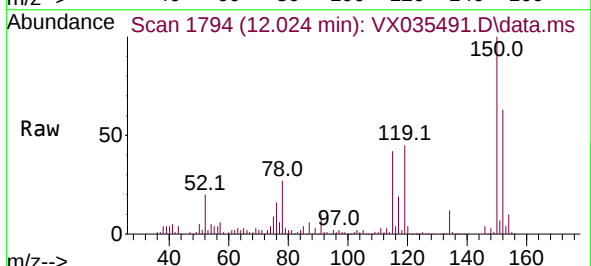
Manual Integrations
APPROVED

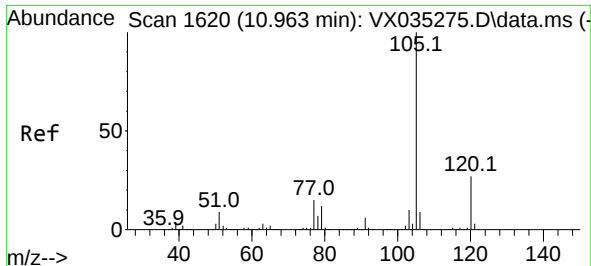
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

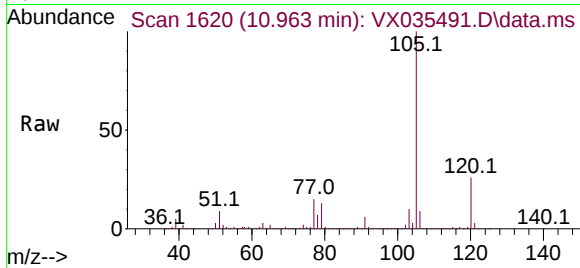
Tgt Ion:152 Resp: 165633
Ion Ratio Lower Upper
152 100
115 80.2 45.0 135.0
150 171.6 0.0 352.4





#73
Isopropylbenzene
Concen: 42.470 ug/l
RT: 10.963 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

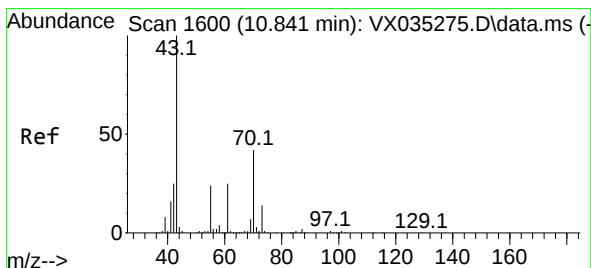
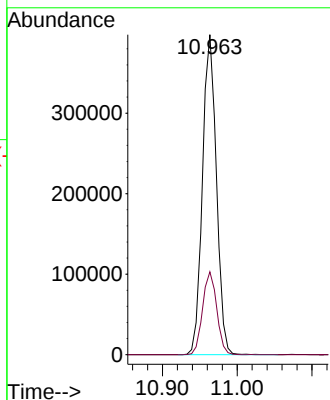
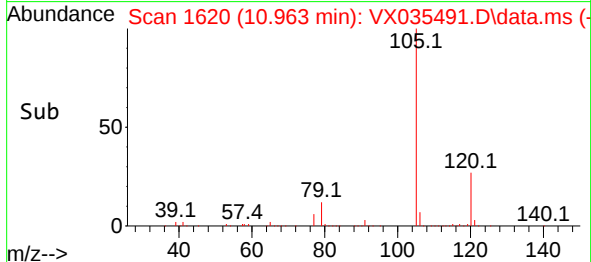
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



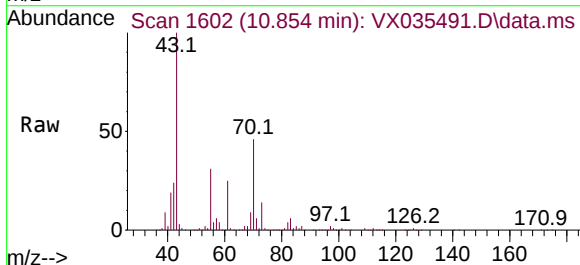
Tgt Ion:105 Resp: 514210
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

Manual Integrations
APPROVED

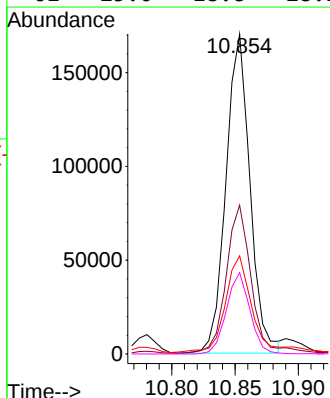
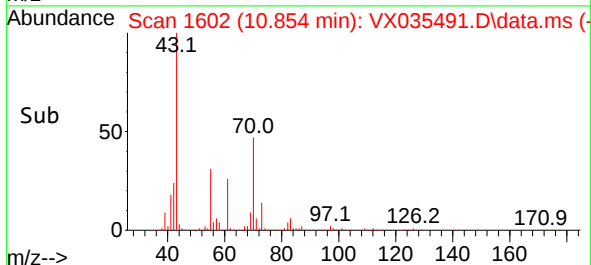
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

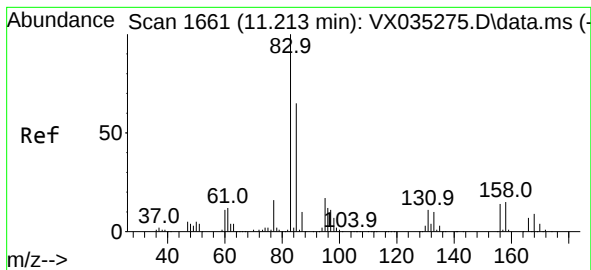


#74
N-ethyl acetate
Concen: 49.429 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51



Tgt Ion: 43 Resp: 224906
Ion Ratio Lower Upper
43 100
70 48.0 32.1 48.1
55 34.1 18.3 27.5#
61 25.0 18.8 28.2





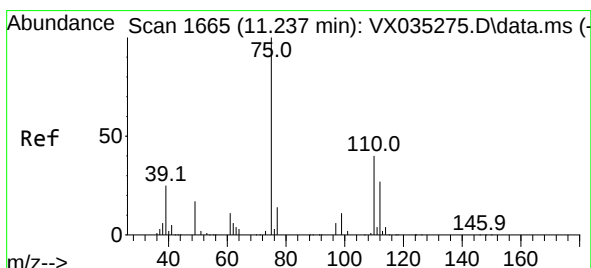
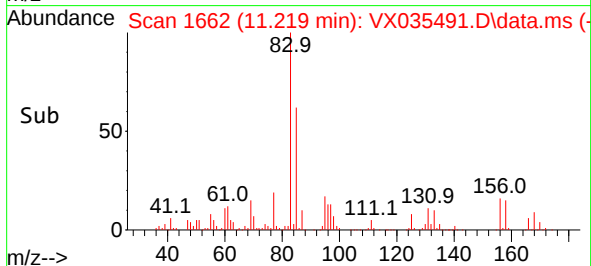
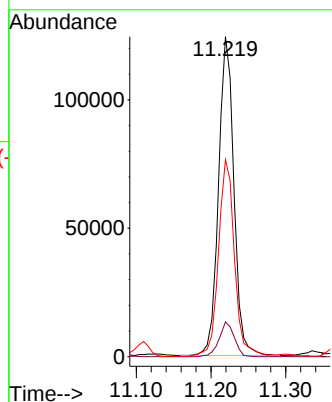
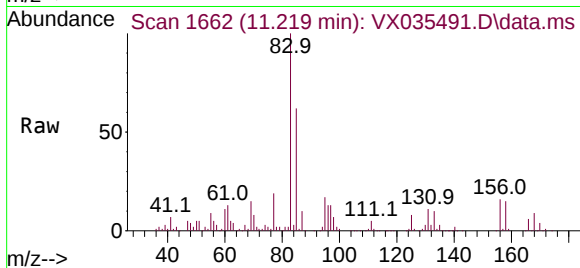
#75
1,1,2,2-Tetrachloroethane
Concen: 47.022 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS

Tgt Ion: 83 Resp: 17670
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.3
85 64.7 32.0 96.0

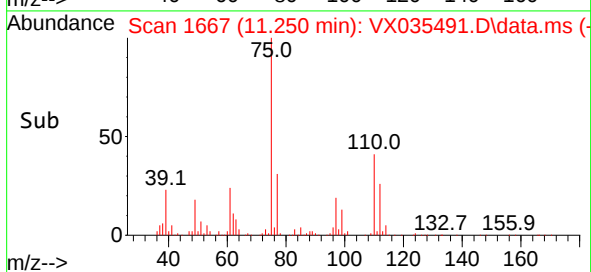
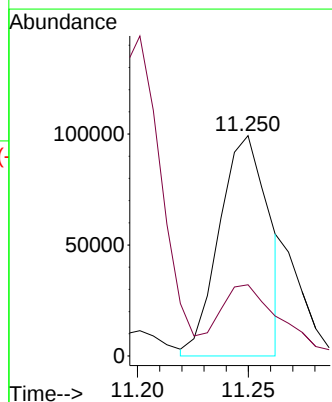
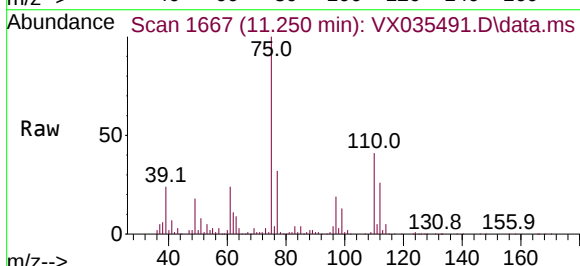
Manual Integrations
APPROVED

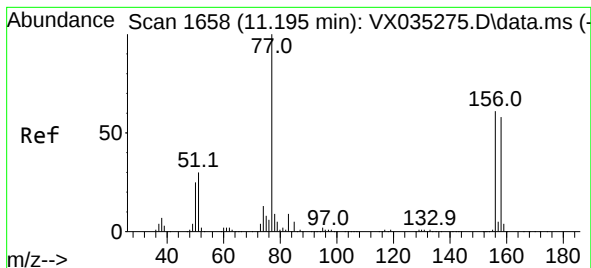
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#76
1,2,3-Trichloropropane
Concen: 46.435 ug/l m
RT: 11.250 min Scan# 1667
Delta R.T. 0.013 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 75 Resp: 153421
Ion Ratio Lower Upper
75 100
77 40.0 21.6 64.8





#77

Bromobenzene

Concen: 44.942 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

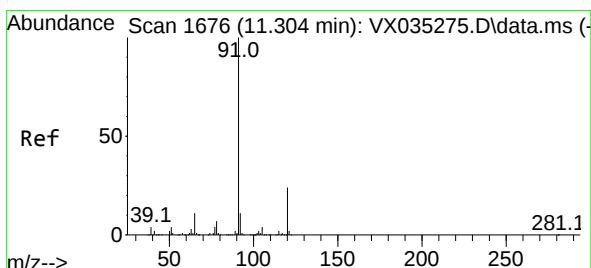
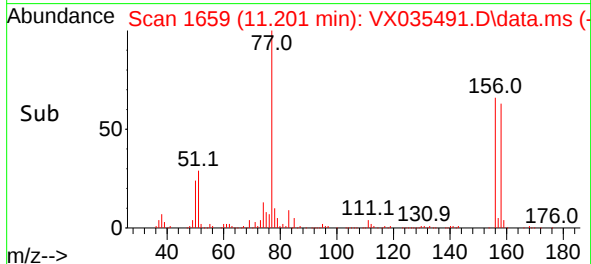
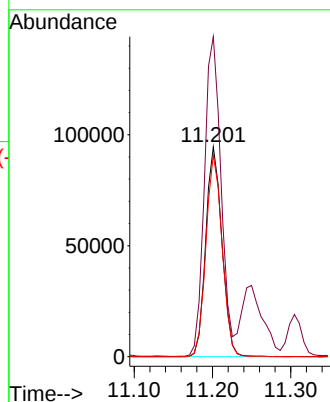
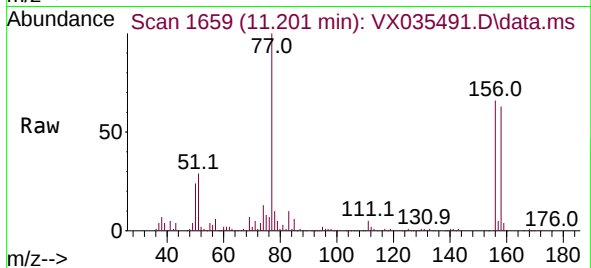
Tgt Ion:	156	Resp:	13526
Ion Ratio	Lower	Upper	
156	100		
77	156.0	86.7	259.9
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#78

n-propylbenzene

Concen: 42.902 ug/l

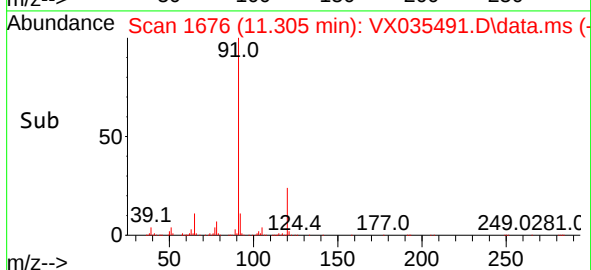
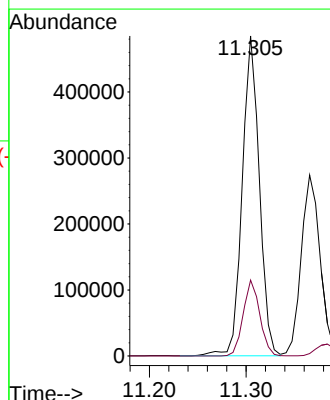
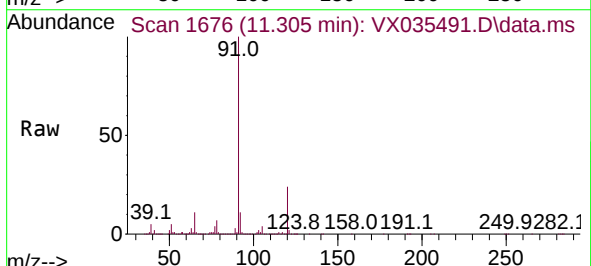
RT: 11.305 min Scan# 1676

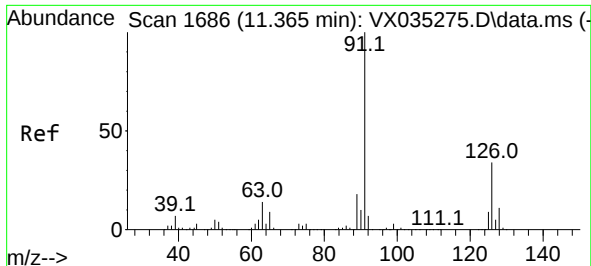
Delta R.T. 0.001 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Tgt Ion:	91	Resp:	596569
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 43.374 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion: 91 Resp: 376889

Ion Ratio Lower Upper

91 100

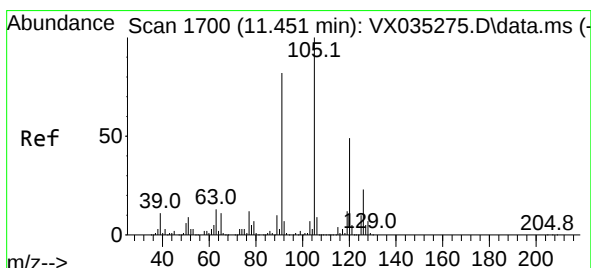
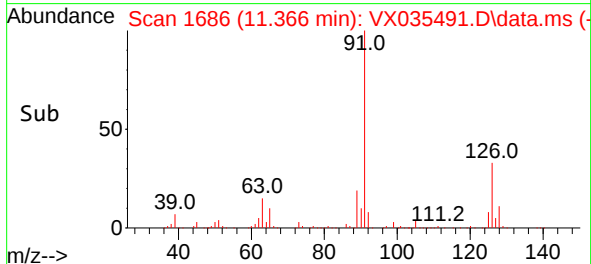
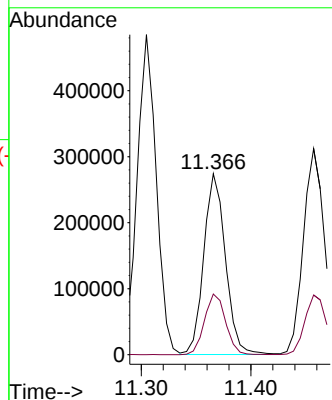
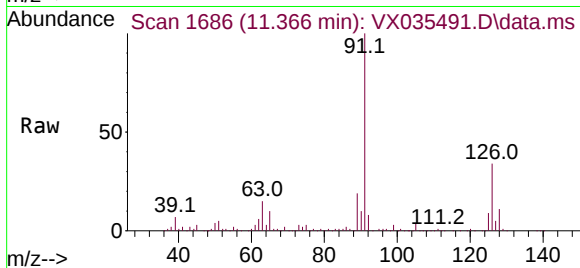
126 32.7 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#80

1,3,5-Trimethylbenzene

Concen: 47.843 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035491.D

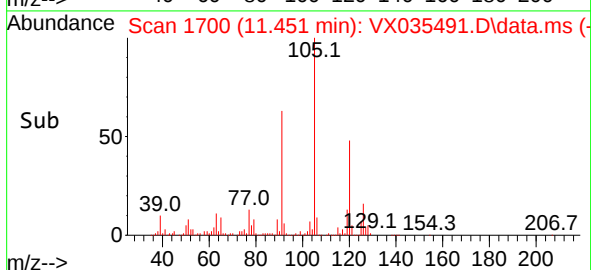
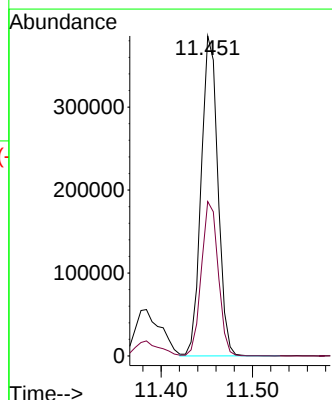
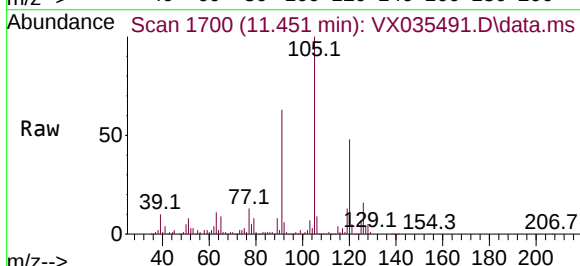
Acq: 02 May 2023 19:51

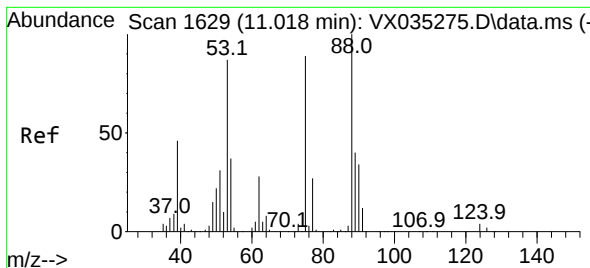
Tgt Ion:105 Resp: 488433

Ion Ratio Lower Upper

105 100

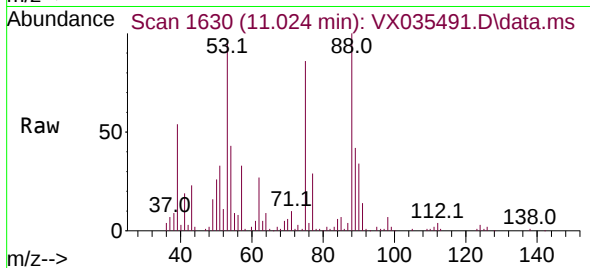
120 48.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 45.395 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

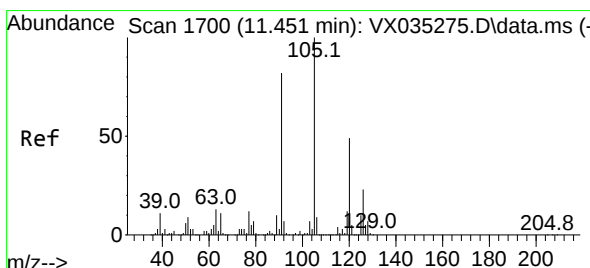
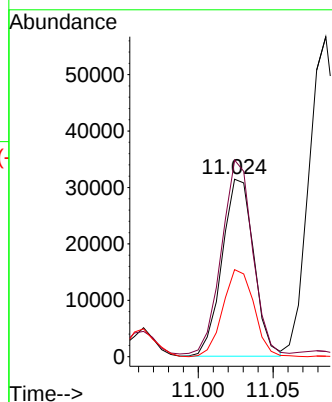
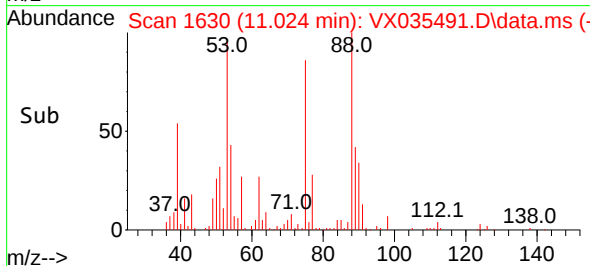
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 75 Resp: 46309
Ion Ratio Lower Upper
75 100
53 106.6 82.6 124.0
89 48.4 36.9 55.3

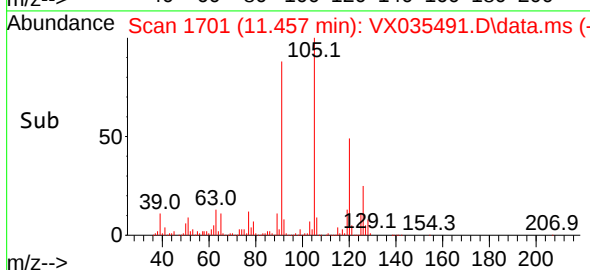
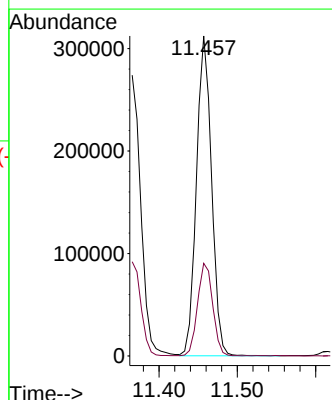
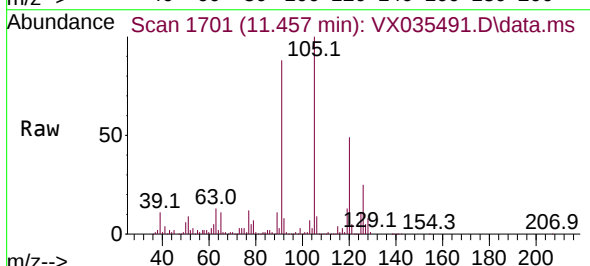
Manual Integrations
APPROVED

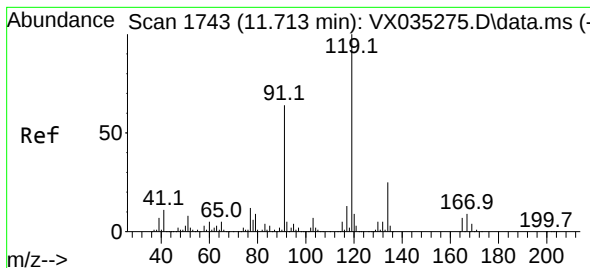
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#82
4-Chlorotoluene
Concen: 42.941 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

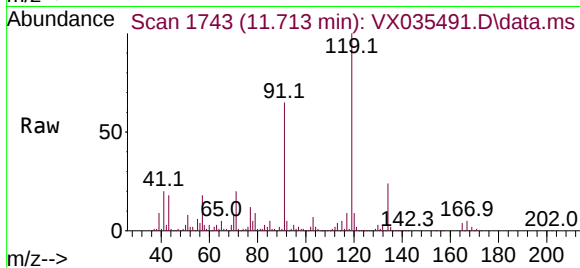
Tgt Ion: 91 Resp: 419080
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 42.243 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

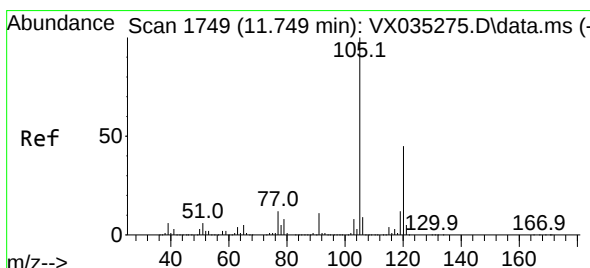
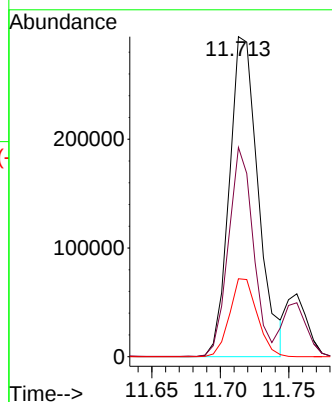
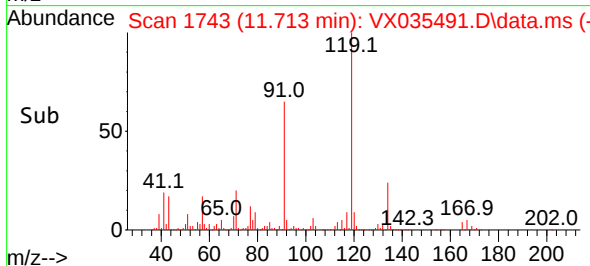
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



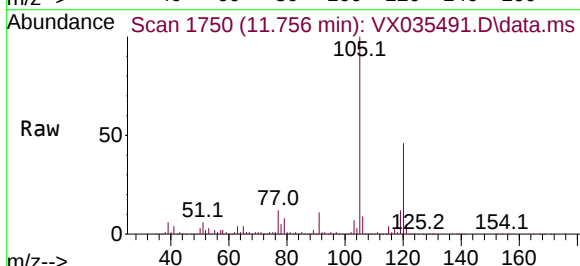
Tgt Ion:119 Resp: 432715
Ion Ratio Lower Upper
119 100
91 56.4 30.6 92.0
134 23.2 11.8 35.4

Manual Integrations
APPROVED

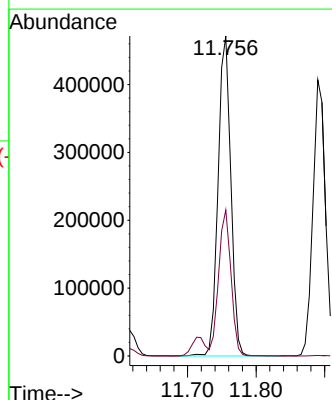
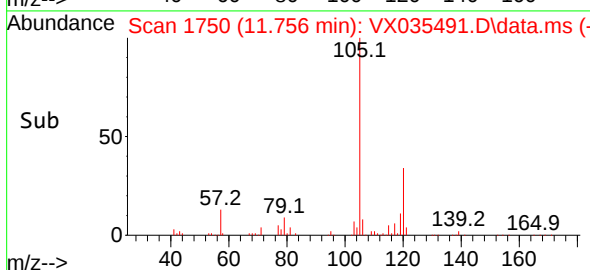
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

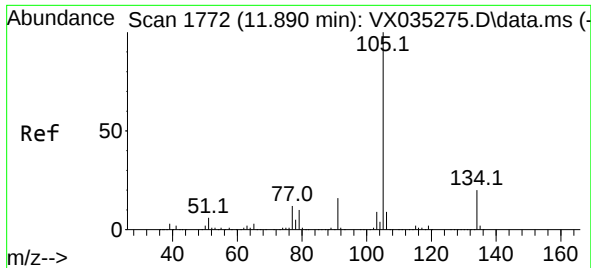


#84
1,2,4-Trimethylbenzene
Concen: 59.126 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51



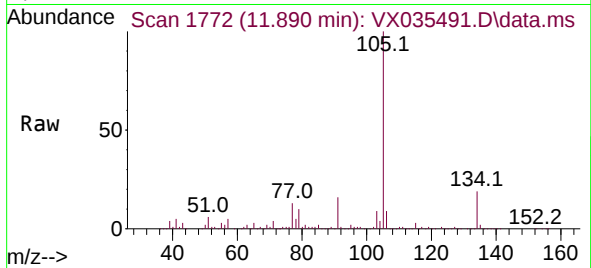
Tgt Ion:105 Resp: 606500
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 40.794 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035491.D
 Acq: 02 May 2023 19:51

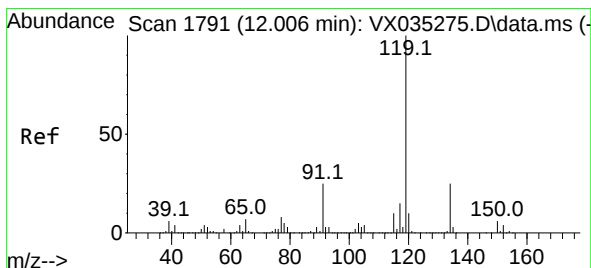
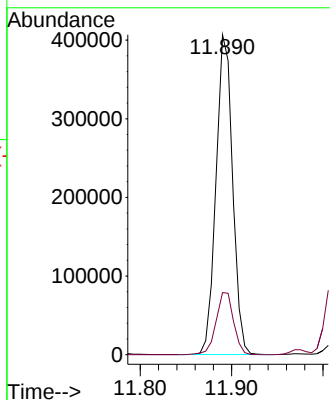
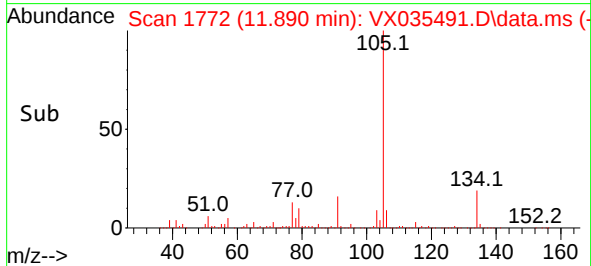
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS011-0006-01MS



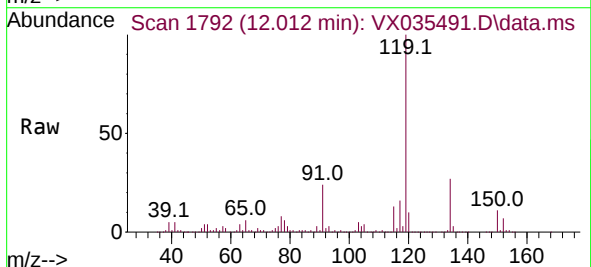
Tgt Ion:105 Resp: 51256
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations
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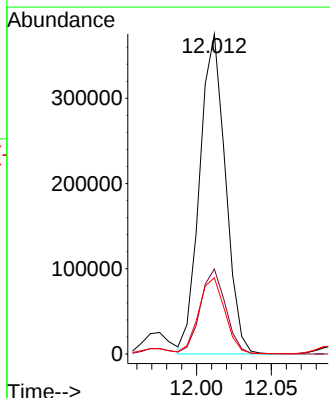
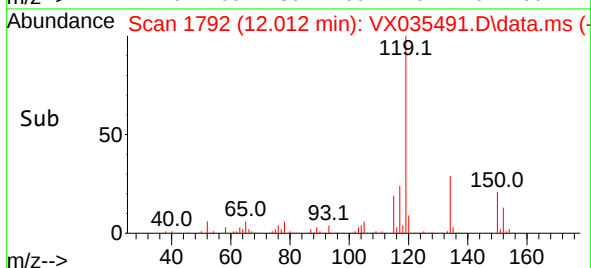
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023

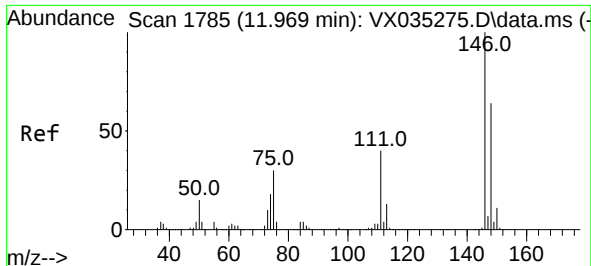


#86
 p-Isopropyltoluene
 Concen: 42.163 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035491.D
 Acq: 02 May 2023 19:51



Tgt Ion:119 Resp: 450569
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 42.323 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX035491.D

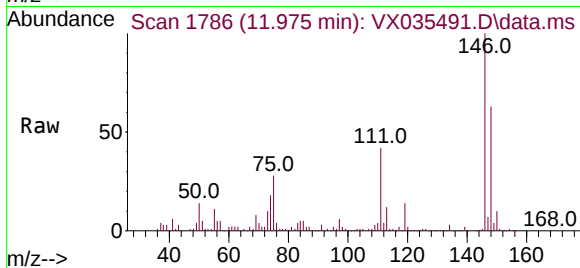
Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS



Tgt Ion:146 Resp: 242069

Ion Ratio Lower Upper

146 100

111 46.2 20.9 62.8

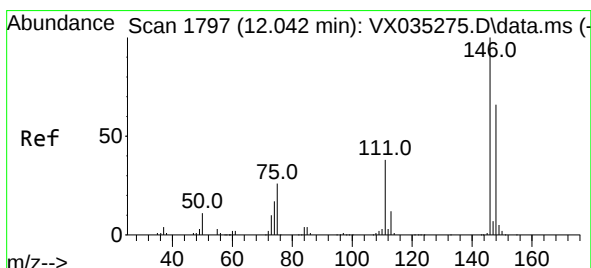
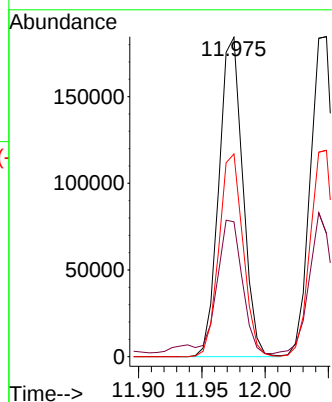
148 64.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#88

1,4-Dichlorobenzene

Concen: 40.586 ug/l

RT: 12.048 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

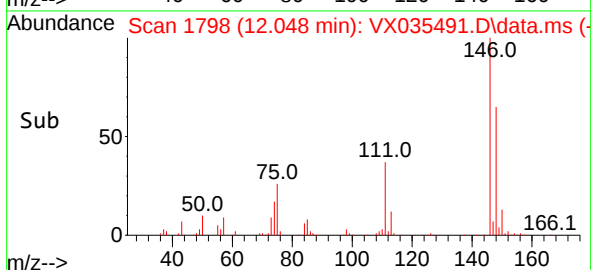
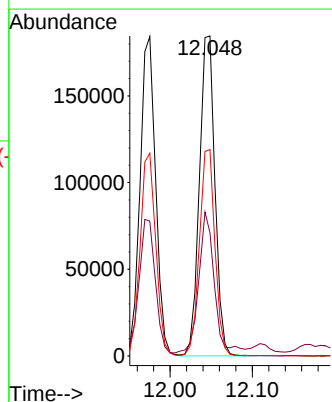
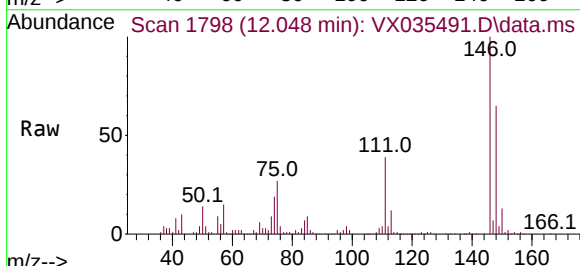
Tgt Ion:146 Resp: 243388

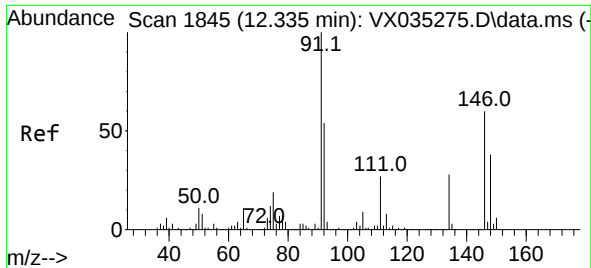
Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 64.4 31.8 95.4





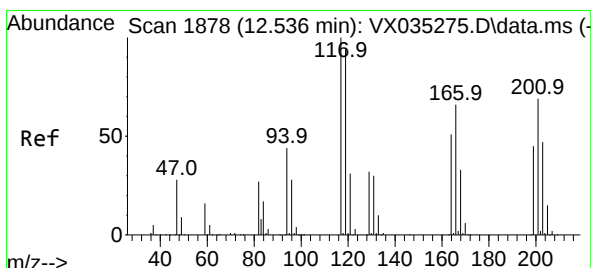
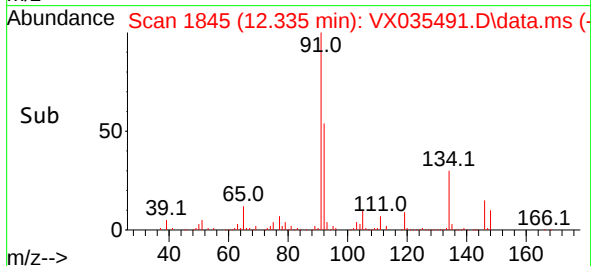
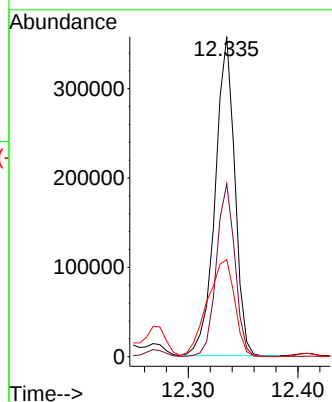
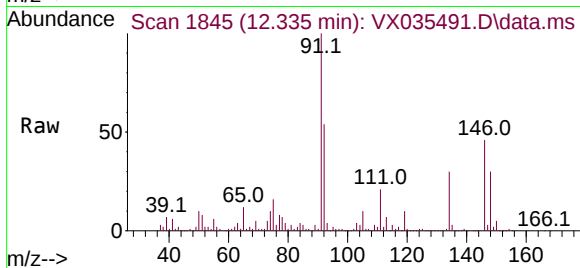
#89
n-Butylbenzene
Concen: 49.295 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS

Tgt Ion: 91 Resp: 444693
Ion Ratio Lower Upper
91 100
92 51.1 27.7 83.0
134 42.3 13.0 38.9

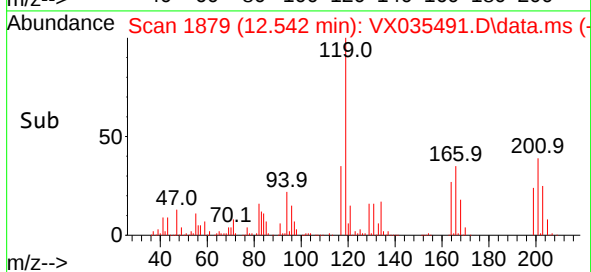
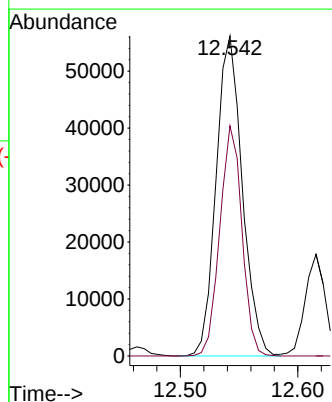
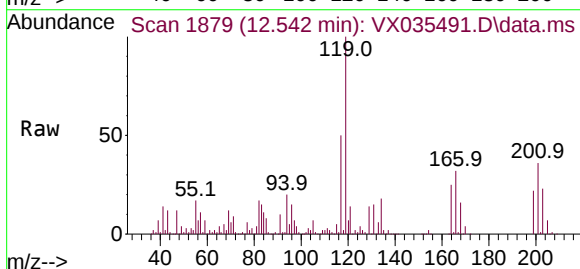
Manual Integrations
APPROVED

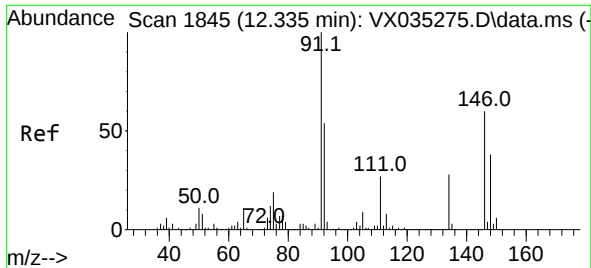
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#90
Hexachloroethane
Concen: 53.245 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

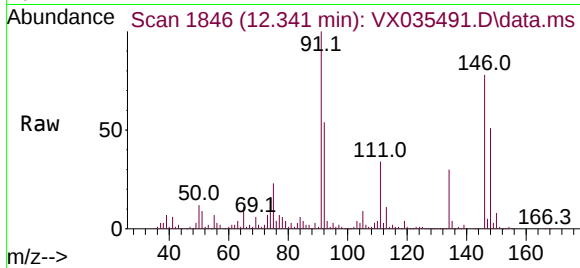
Tgt Ion:117 Resp: 87100
Ion Ratio Lower Upper
117 100
201 60.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 41.479 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

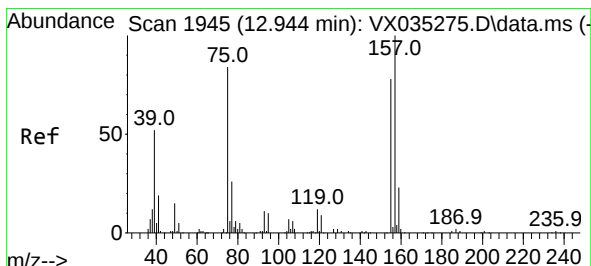
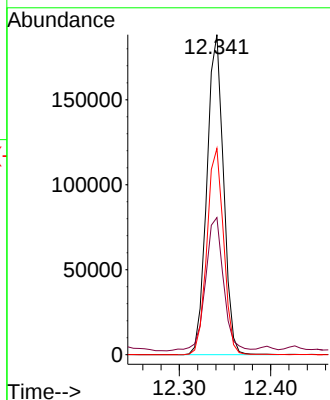
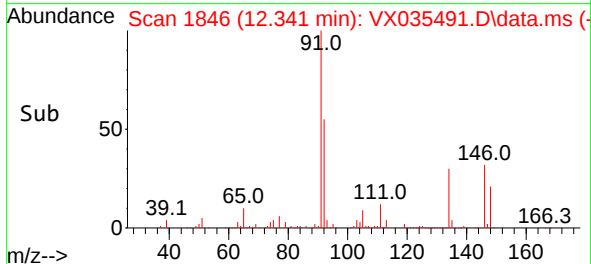
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:146 Resp: 237284
Ion Ratio Lower Upper
146 100
111 45.2 22.0 66.0
148 64.6 32.0 96.0

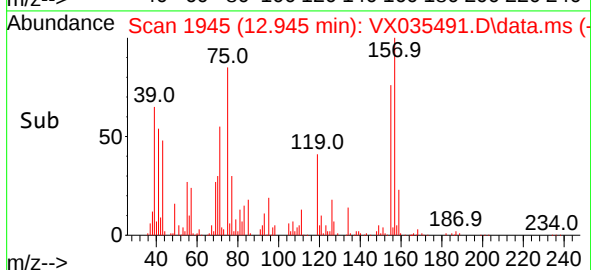
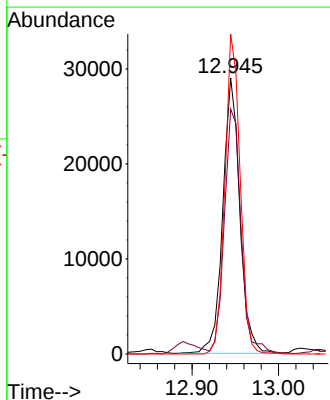
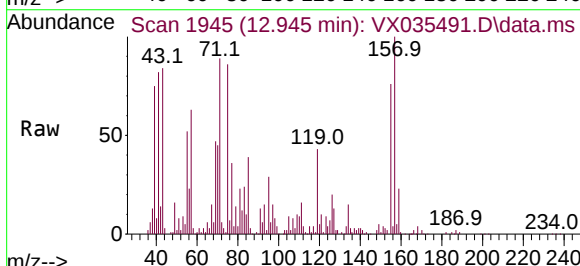
Manual Integrations
APPROVED

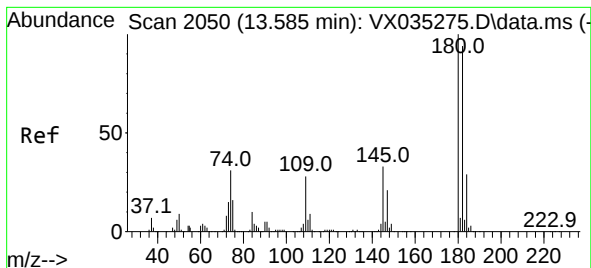
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.470 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion: 75 Resp: 39539
Ion Ratio Lower Upper
75 100
155 87.1 38.4 115.1
157 104.3 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 42.661 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

Instrument :

MSVOA_X

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:180 Resp: 15340

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.0

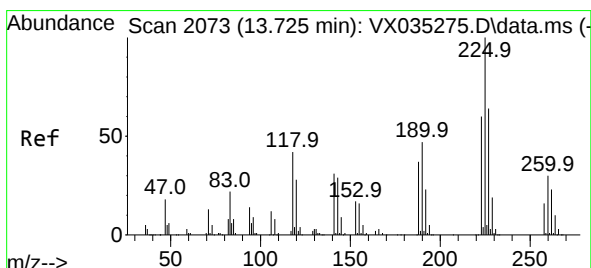
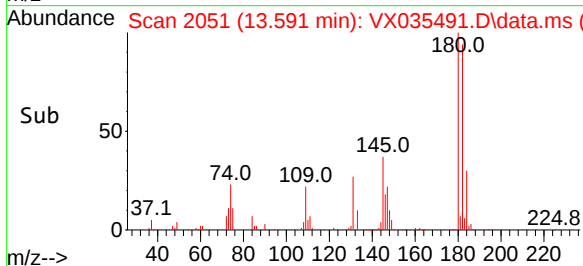
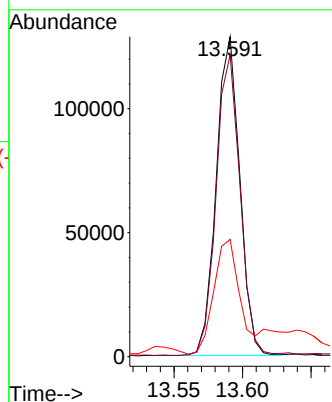
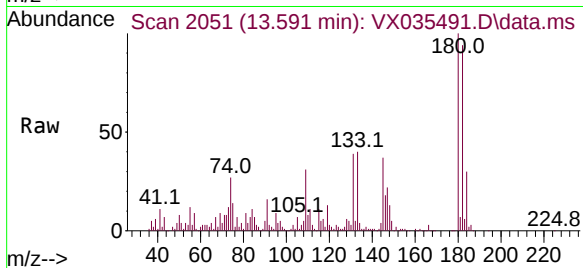
145 39.6 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#94

Hexachlorobutadiene

Concen: 48.825 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035491.D

Acq: 02 May 2023 19:51

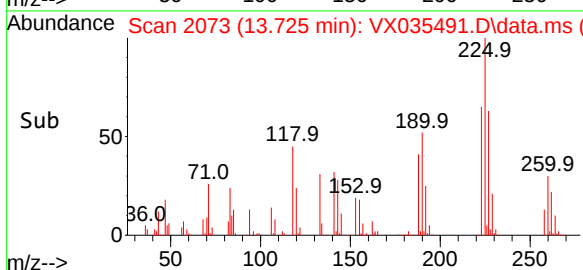
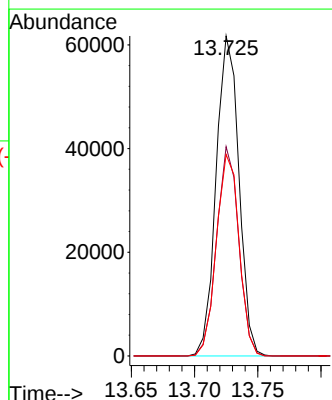
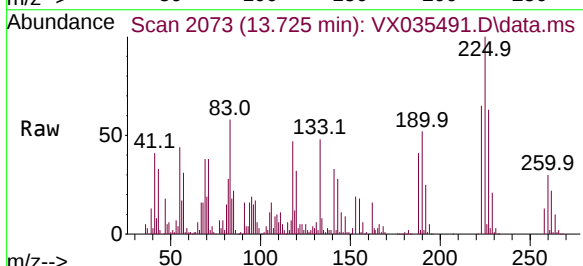
Tgt Ion:225 Resp: 77052

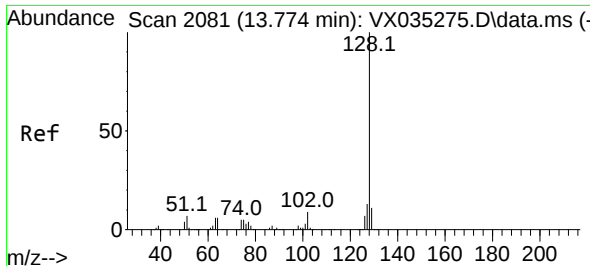
Ion Ratio Lower Upper

225 100

223 63.5 32.1 96.5

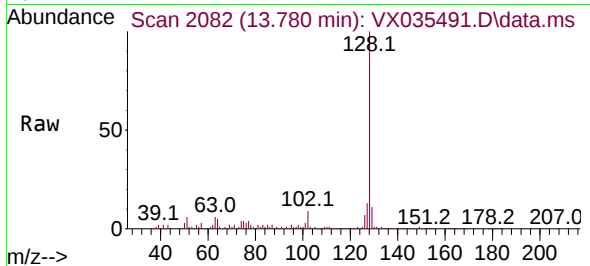
227 63.0 31.8 95.4





#95
Naphthalene
Concen: 66.561 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

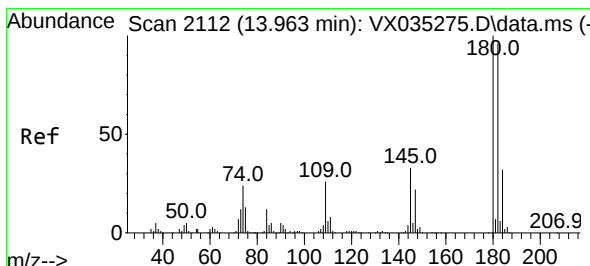
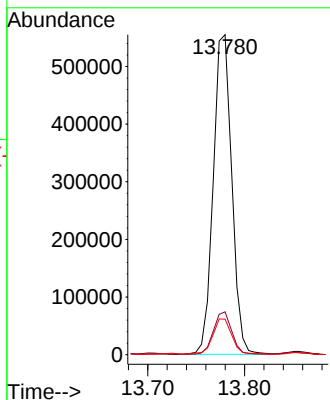
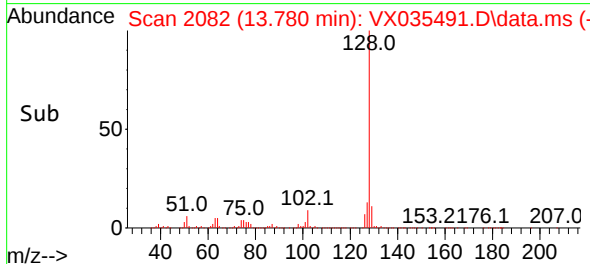
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:128 Resp: 736814
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.113 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035491.D
Acq: 02 May 2023 19:51

Tgt Ion:180 Resp: 152439
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.2
145 41.0 17.7 53.1

