

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035331.D
 Acq On : 27 Apr 2023 11:19
 Operator : JC/MD
 Sample : VX0427MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2023
 Supervised By : Mahesh Dadoda 04/28/2023

Quant Time: Apr 27 16:24:19 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	271222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	418678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150201	45.903	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.800%		
35) Dibromofluoromethane	5.385	113	122909	47.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	8.647	98	464194	47.885	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.780%		
62) 4-Bromofluorobenzene	11.079	95	177134	48.574	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47590	16.583	ug/l	97
3) Chloromethane	1.294	50	38252	14.652	ug/l	98
4) Vinyl Chloride	1.374	62	40058	15.298	ug/l	93
5) Bromomethane	1.618	94	26627	15.300	ug/l	97
6) Chloroethane	1.691	64	23309	15.220	ug/l	98
7) Trichlorofluoromethane	1.886	101	65431	15.979	ug/l	98
8) Diethyl Ether	2.130	74	23656	15.845	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	43467	15.893	ug/l	94
10) Methyl Iodide	2.453	142	54193	15.701	ug/l	99
11) Tert butyl alcohol	3.008	59	48233	80.956	ug/l	95
12) 1,1-Dichloroethene	2.319	96	40121	15.231	ug/l	93
13) Acrolein	2.239	56	47584	81.213	ug/l	96
14) Allyl chloride	2.666	41	70029	15.106	ug/l	99
15) Acrylonitrile	3.068	53	112735	75.654	ug/l	98
16) Acetone	2.392	43	104696	73.670	ug/l	98
17) Carbon Disulfide	2.514	76	93601	14.822	ug/l	98
18) Methyl Acetate	2.703	43	85968	15.643	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	147334	16.303	ug/l	96
20) Methylene Chloride	2.788	84	47641	14.620	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	43850	15.327	ug/l	98
22) Diisopropyl ether	3.757	45	146814	16.004	ug/l	94
23) Vinyl Acetate	3.721	43	513692	81.466	ug/l	97
24) 1,1-Dichloroethane	3.605	63	80847	15.646	ug/l	98
25) 2-Butanone	4.562	43	158829	76.570	ug/l	96
26) 2,2-Dichloropropane	4.471	77	64354	15.897	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	52708	15.673	ug/l	95
28) Bromochloromethane	4.897	49	36610	16.626	ug/l	86
29) Tetrahydrofuran	5.013	42	100274	75.410	ug/l	95
30) Chloroform	5.093	83	84701	16.238	ug/l	98
31) Cyclohexane	5.464	56	74156	15.976	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	72983	15.965	ug/l	96
36) 1,1-Dichloropropene	5.696	75	63346	15.787	ug/l	98
37) Ethyl Acetate	4.715	43	61556	16.797	ug/l	95
38) Carbon Tetrachloride	5.672	117	62807	16.489	ug/l	99
39) Methylcyclohexane	7.379	83	79858	16.350	ug/l	99
40) Benzene	6.031	78	186206	16.177	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33864	16.126	ug/l	95
42) 1,2-Dichloroethane	6.086	62	66211	16.133	ug/l	97
43) Isopropyl Acetate	6.342	43	99803	16.207	ug/l	95
44) Trichloroethene	7.123	130	52249	16.478	ug/l	93
45) 1,2-Dichloropropane	7.427	63	48171	16.600	ug/l	92
46) Dibromomethane	7.580	93	32920	16.520	ug/l	92
47) Bromodichloromethane	7.818	83	60134	16.378	ug/l	99
48) Methyl methacrylate	7.690	41	50303	16.653	ug/l	93
49) 1,4-Dioxane	7.714	88	24737	335.969	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	313107	82.762	ug/l	96
52) Toluene	8.720	92	121478	16.650	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	65326	17.037	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	73723	17.010	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	49101	16.881	ug/l	97
56) Ethyl methacrylate	9.116	69	74424	17.177	ug/l	88
57) 1,3-Dichloropropane	9.305	76	81425	16.367	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	199534	92.100	ug/l	96
59) 2-Hexanone	9.427	43	235488	82.856	ug/l	94
60) Dibromochloromethane	9.519	129	46229	16.589	ug/l	98
61) 1,2-Dibromoethane	9.610	107	50785	16.937	ug/l	100
64) Tetrachloroethene	9.275	164	48286	16.762	ug/l	96
65) Chlorobenzene	10.079	112	131506	16.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45758	16.153	ug/l	98
67) Ethyl Benzene	10.195	91	230380	16.344	ug/l	99
68) m/p-Xylenes	10.299	106	177498	32.862	ug/l	100
69) o-Xylene	10.640	106	88213	16.655	ug/l	98
70) Styrene	10.652	104	143498	16.710	ug/l	97
71) Bromoform	10.799	173	31233	15.851	ug/l #	100
73) Isopropylbenzene	10.963	105	231585	16.679	ug/l	100
74) N-amyl acetate	10.841	43	84338	16.163	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	69456	16.116	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63641m	16.796	ug/l	
77) Bromobenzene	11.195	156	57166	16.563	ug/l	90
78) n-propylbenzene	11.305	91	263114	16.499	ug/l	99
79) 2-Chlorotoluene	11.366	91	159719	16.028	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	198068	16.918	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16813	14.371	ug/l	92
82) 4-Chlorotoluene	11.451	91	182340	16.292	ug/l	96
83) tert-Butylbenzene	11.713	119	190287	16.199	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	195758	16.641	ug/l	100
85) sec-Butylbenzene	11.890	105	237226	16.463	ug/l	100
86) p-Isopropyltoluene	12.012	119	202872	16.554	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	106707	16.268	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	107285	15.600	ug/l	98
89) n-Butylbenzene	12.335	91	165139	15.963	ug/l	99
90) Hexachloroethane	12.536	117	29553	15.753	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	105327	16.055	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13884	16.066	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	69371	16.823	ug/l	99
94) Hexachlorobutadiene	13.725	225	27950	15.444	ug/l	99
95) Naphthalene	13.774	128	221307	17.433	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67643	16.295	ug/l	99

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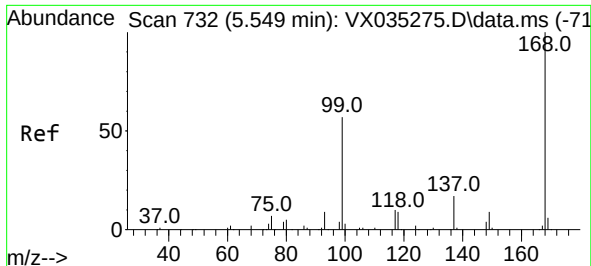
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/28/2023

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Response via : Initial Calibration

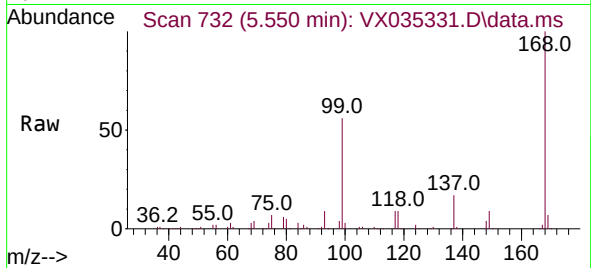
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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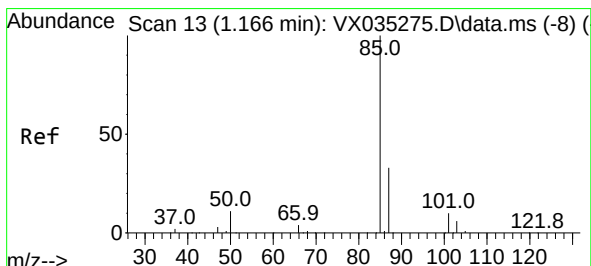
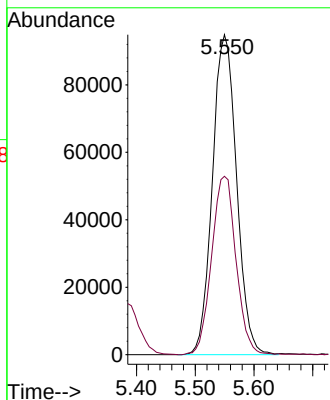
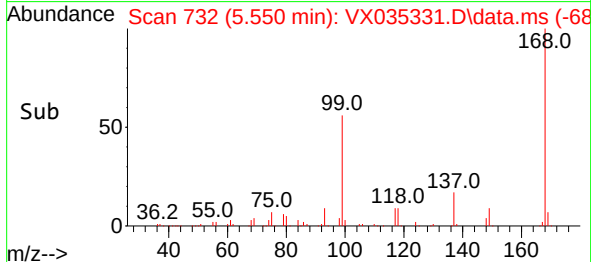
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion:168 Resp: 27122
Ion Ratio Lower Upper
168 100
99 55.8 45.7 68.5

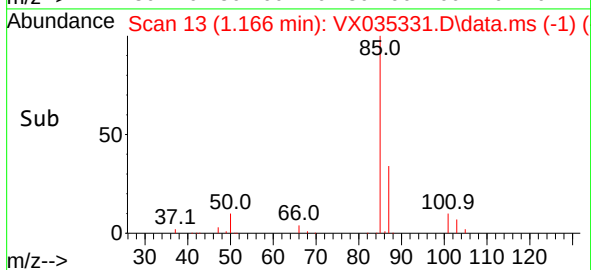
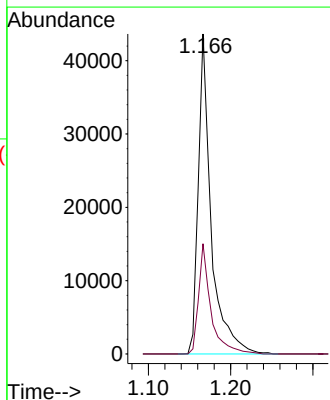
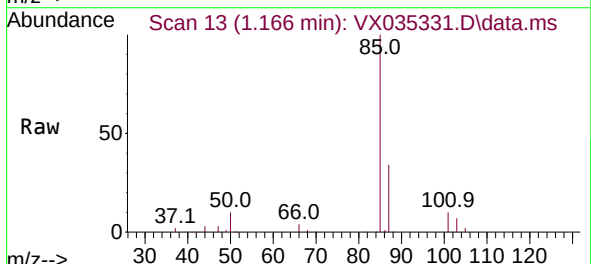
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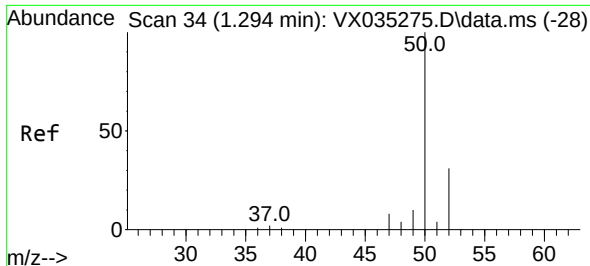
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 16.583 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 85 Resp: 47590
Ion Ratio Lower Upper
85 100
87 34.5 16.4 49.1





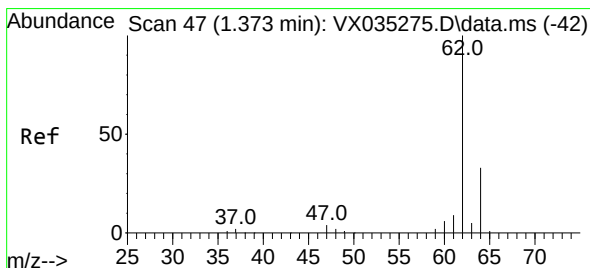
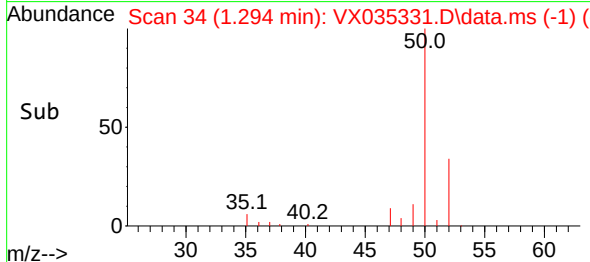
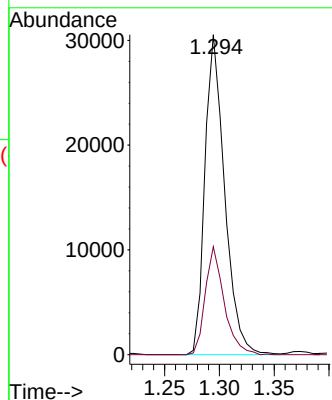
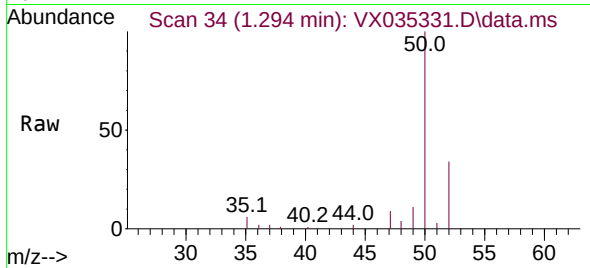
#3
Chloromethane
Concen: 14.652 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

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Tgt Ion: 50 Resp: 3825
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9

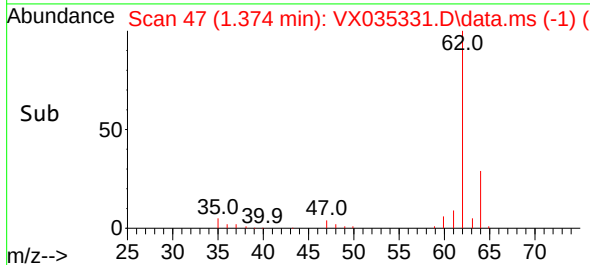
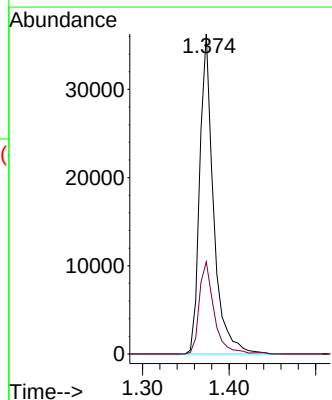
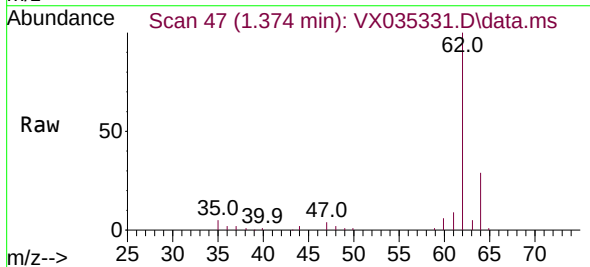
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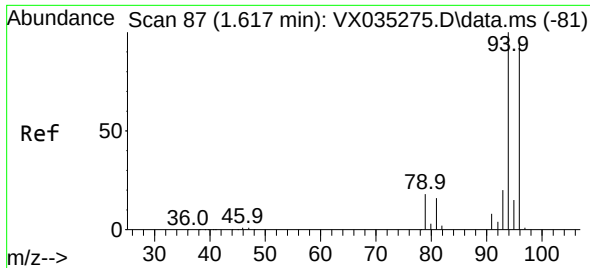
Reviewed By :John Carlone 04/27/2023
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#4
Vinyl Chloride
Concen: 15.298 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 62 Resp: 40058
Ion Ratio Lower Upper
62 100
64 28.8 26.4 39.6





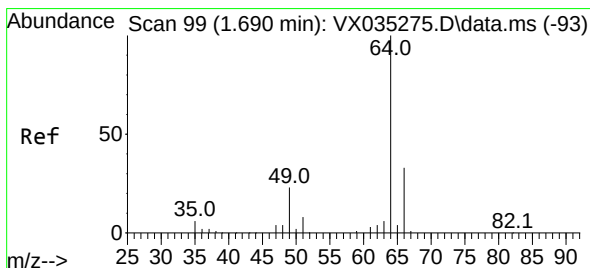
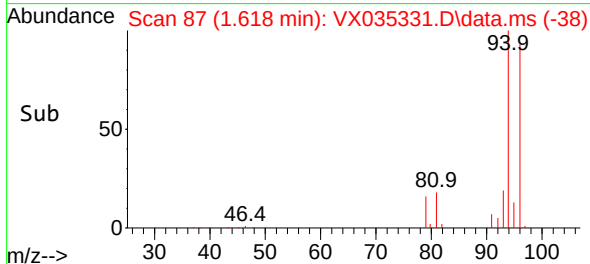
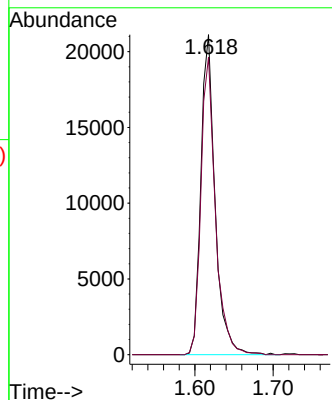
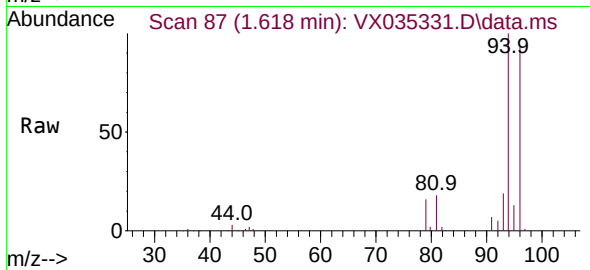
#5
Bromomethane
Concen: 15.300 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035331.D
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Instrument :
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Tgt Ion: 94 Resp: 2662
Ion Ratio Lower Upper
94 100
96 93.0 77.0 115.6

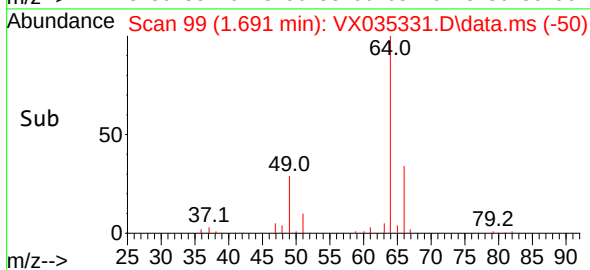
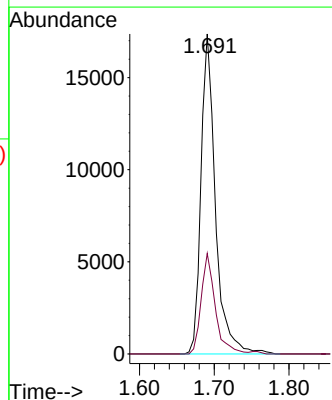
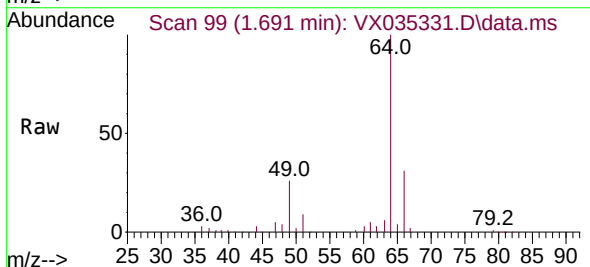
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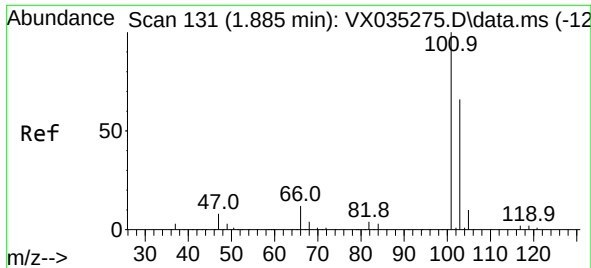
Reviewed By :John Carlone 04/27/2023
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#6
Chloroethane
Concen: 15.220 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035331.D
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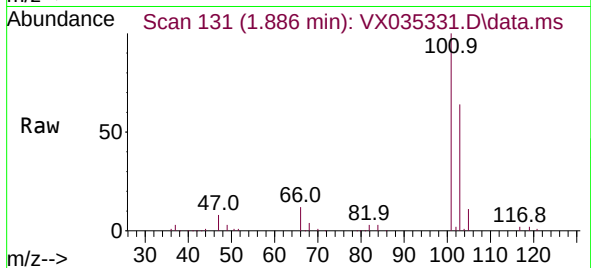
Tgt Ion: 64 Resp: 23309
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 15.979 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.001 min
Lab File: VX035331.D
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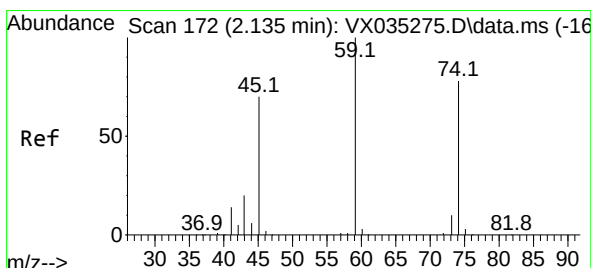
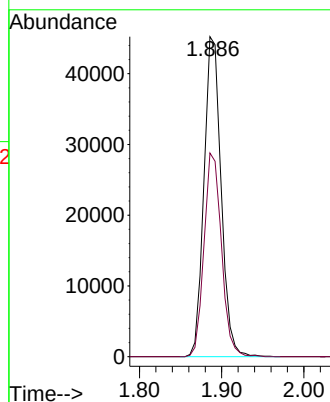
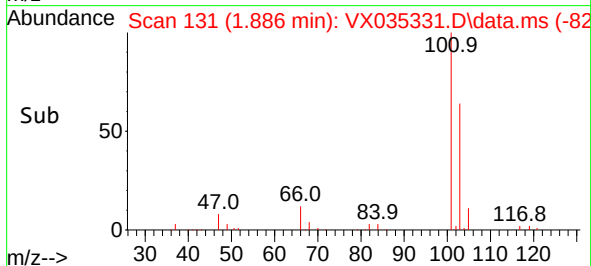
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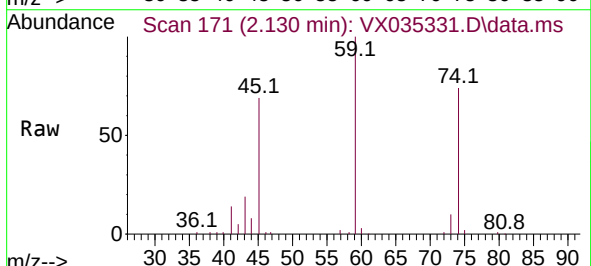
Tgt Ion:101 Resp: 6543
Ion Ratio Lower Upper
101 100
103 63.7 52.0 78.0

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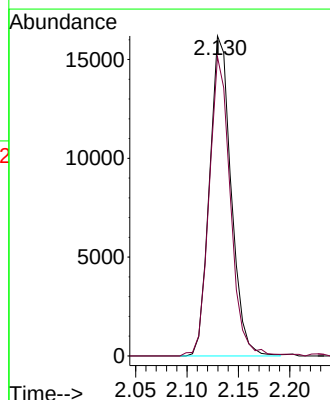
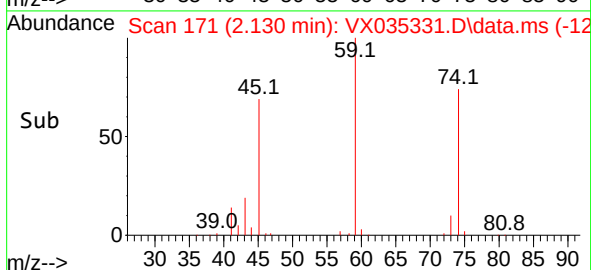
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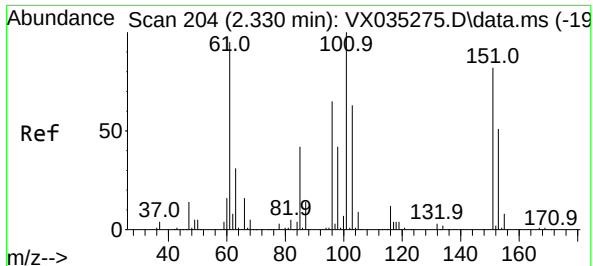


#8
Diethyl Ether
Concen: 15.845 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 23656
Ion Ratio Lower Upper
74 100
45 92.1 49.8 149.3





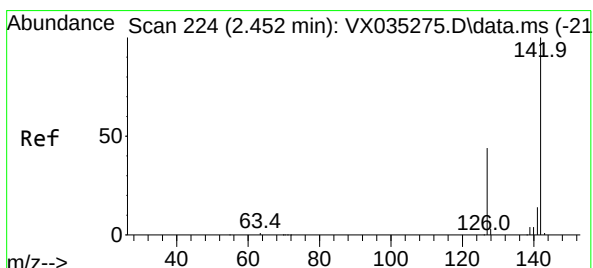
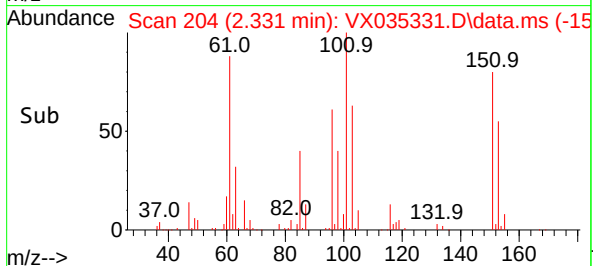
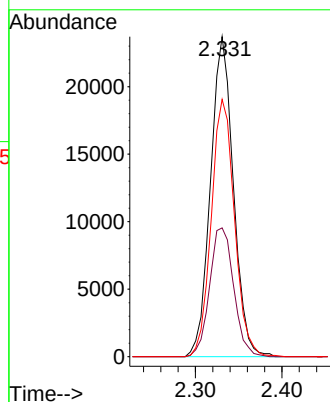
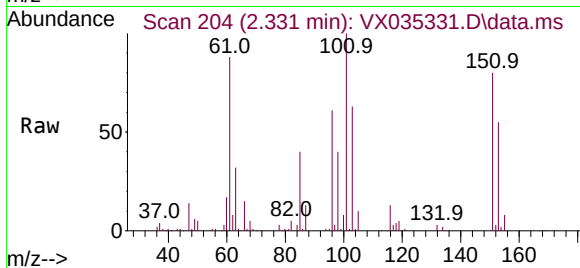
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.893 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion:101 Resp: 4346
Ion Ratio Lower Upper
101 100
85 42.3 35.4 53.2
151 81.5 60.2 90.4

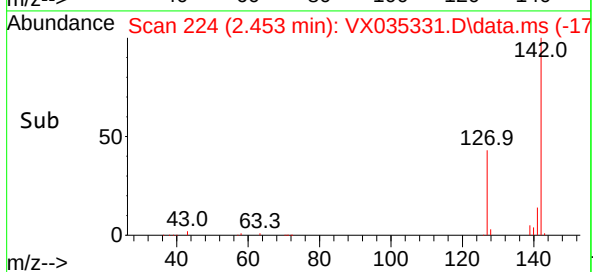
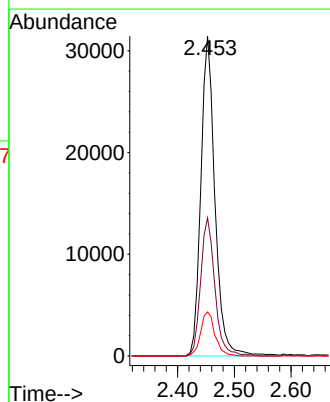
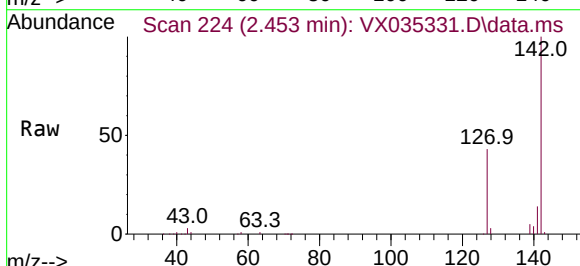
Manual Integrations
APPROVED

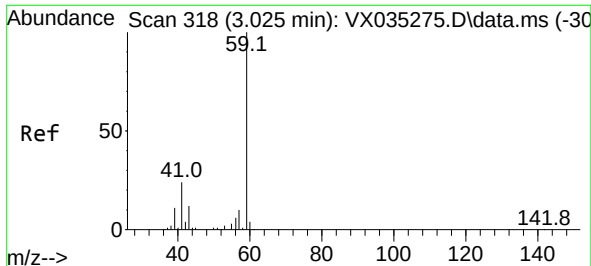
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#10
Methyl Iodide
Concen: 15.701 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

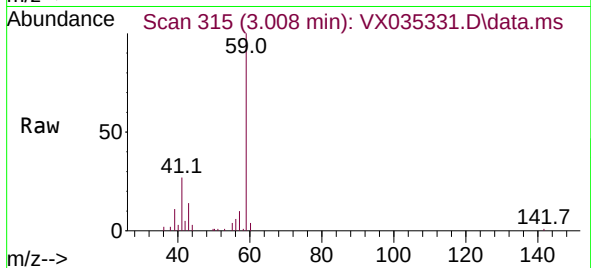
Tgt Ion:142 Resp: 54193
Ion Ratio Lower Upper
142 100
127 43.5 34.0 51.0
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 80.956 ug/l
RT: 3.008 min Scan# 318
Delta R.T. -0.017 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

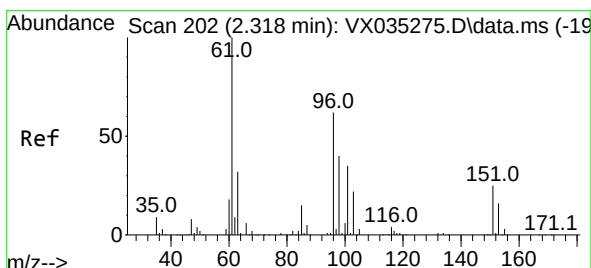
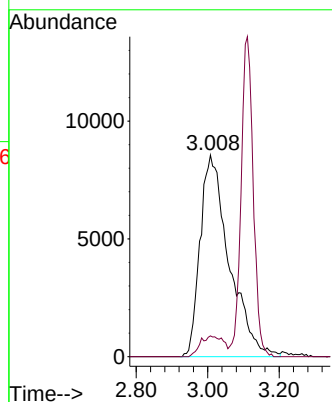
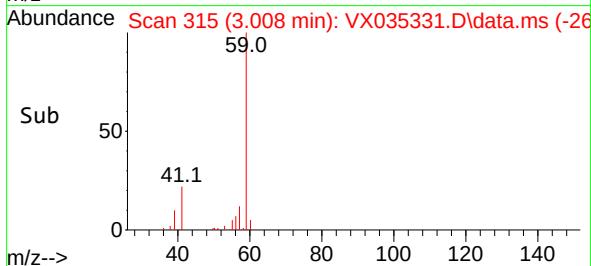
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 59 Resp: 4823
Ion Ratio Lower Upper
59 100
57 8.1 8.1 12.1

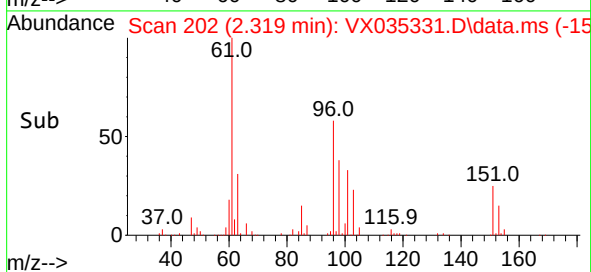
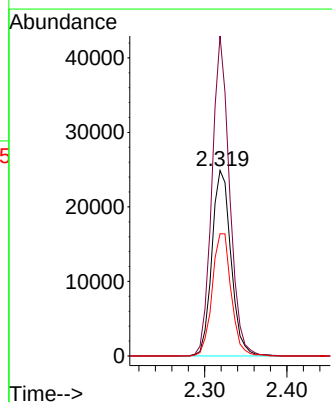
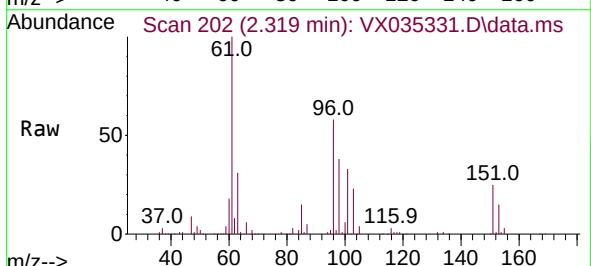
Manual Integrations
APPROVED

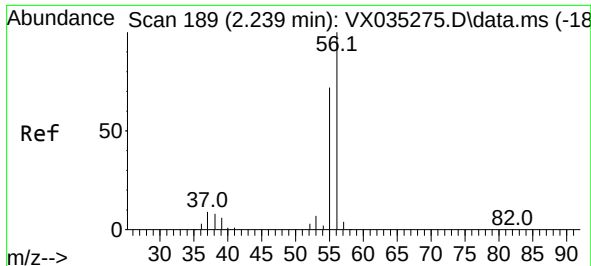
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#12
1,1-Dichloroethene
Concen: 15.231 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

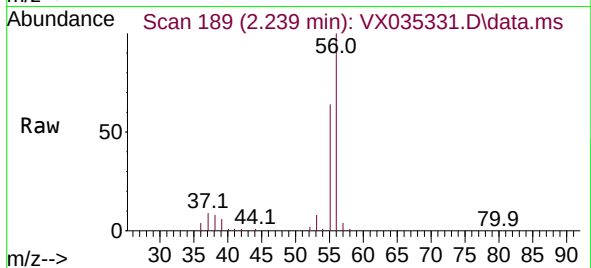
Tgt Ion: 96 Resp: 40121
Ion Ratio Lower Upper
96 100
61 172.6 128.8 193.2
98 65.9 51.4 77.0





#13
Acrolein
Concen: 81.213 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

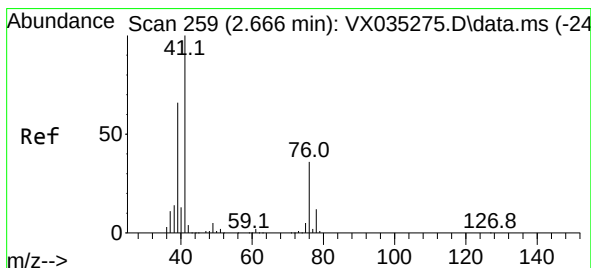
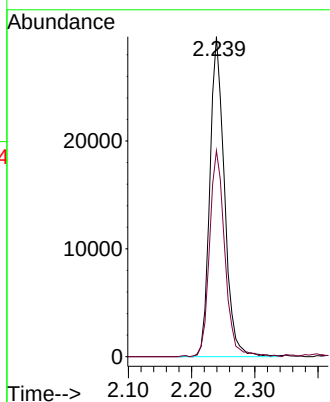
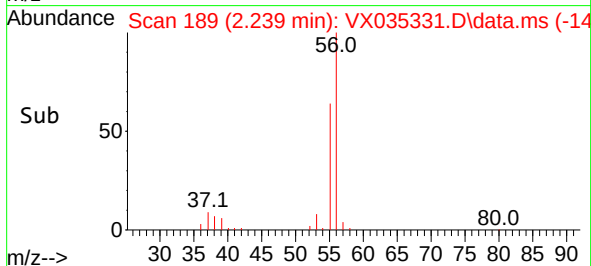
Instrument : MSVOA_X
ClientSampleId : VX0427MBS01



Tgt Ion: 56 Resp: 47584
Ion Ratio Lower Upper
56 100
55 67.3 56.6 85.0

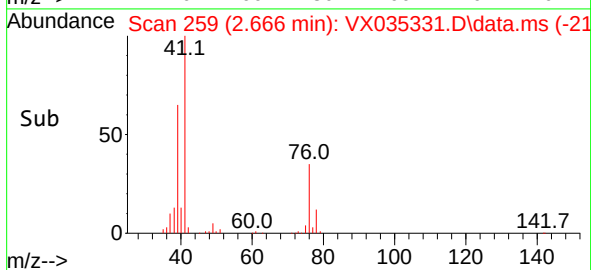
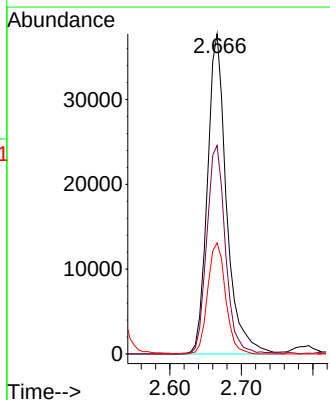
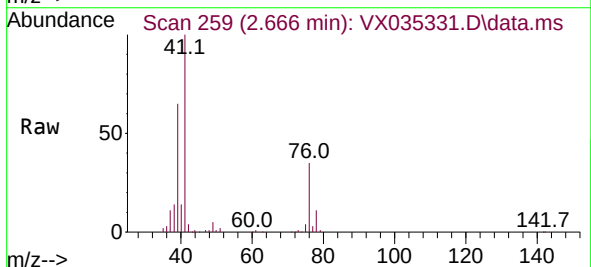
Manual Integrations
APPROVED

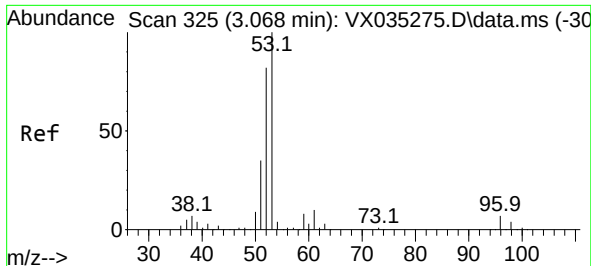
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#14
Allyl chloride
Concen: 15.106 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

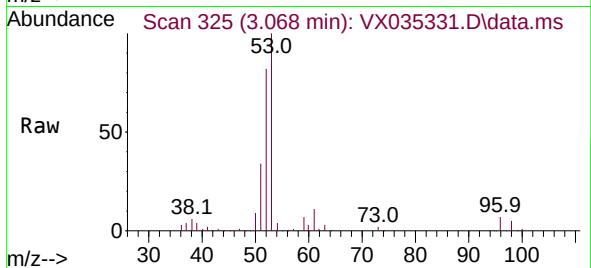
Tgt Ion: 41 Resp: 70029
Ion Ratio Lower Upper
41 100
39 63.8 52.4 78.6
76 32.6 26.0 39.0





#15
Acrylonitrile
Concen: 75.654 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

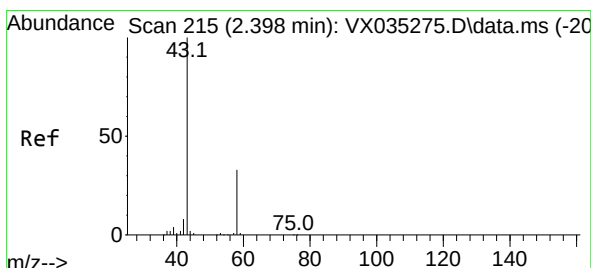
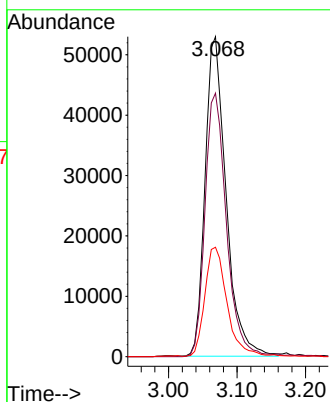
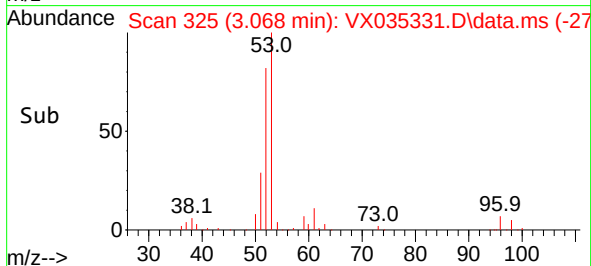
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 53 Resp: 112738
Ion Ratio Lower Upper
53 100
52 84.4 66.2 99.2
51 35.9 28.3 42.5

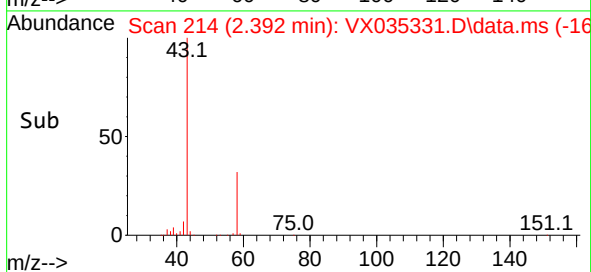
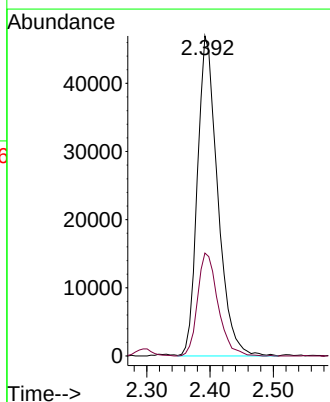
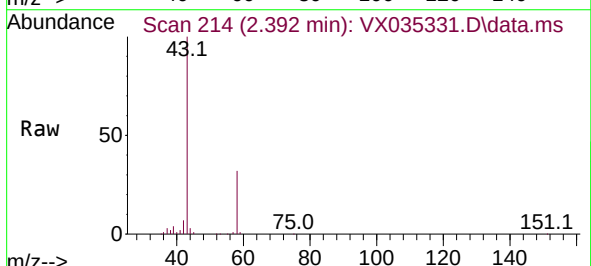
Manual Integrations
APPROVED

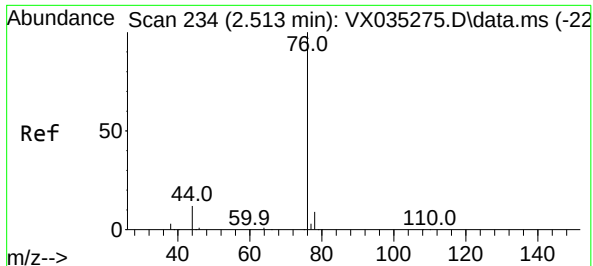
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
Acetone
Concen: 73.670 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 43 Resp: 104696
Ion Ratio Lower Upper
43 100
58 32.1 24.7 37.1





#17

Carbon Disulfide

Concen: 14.822 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

Tgt Ion: 76 Resp: 9360

Ion Ratio Lower Upper

76 100

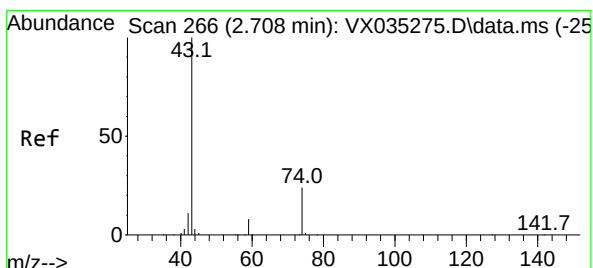
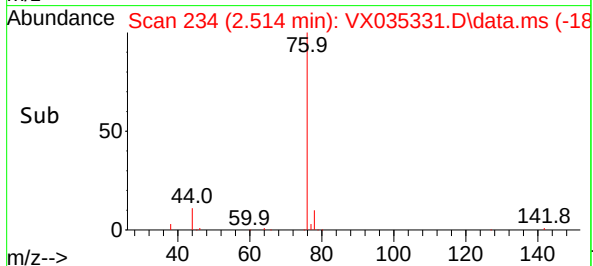
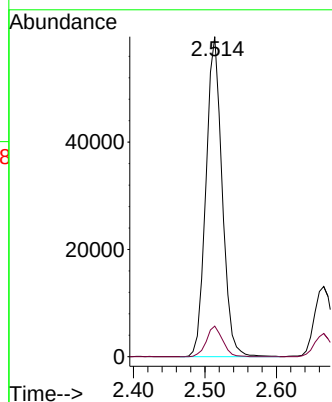
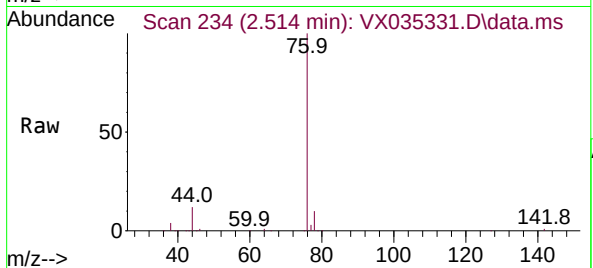
78 9.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#18

Methyl Acetate

Concen: 15.643 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.005 min

Lab File: VX035331.D

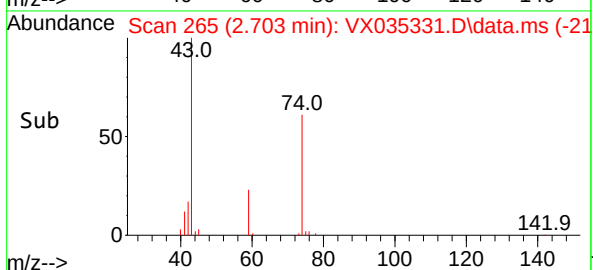
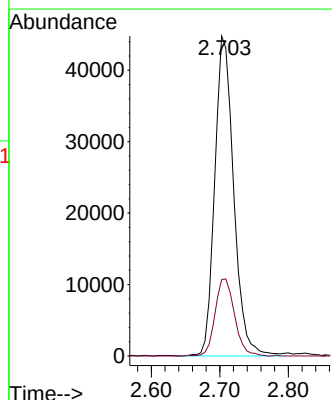
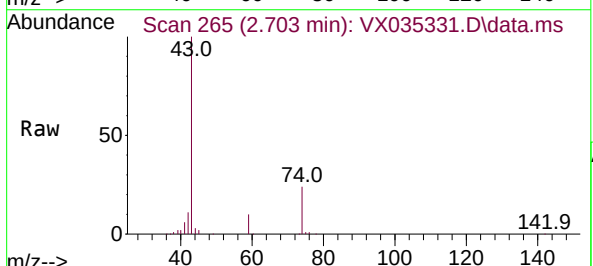
Acq: 27 Apr 2023 11:19

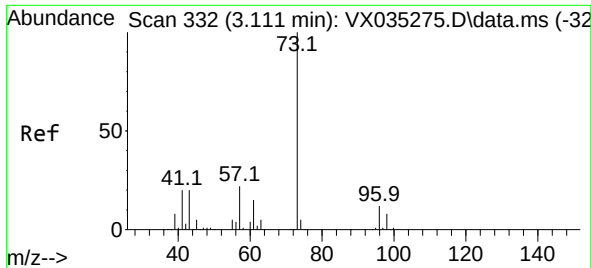
Tgt Ion: 43 Resp: 85968

Ion Ratio Lower Upper

43 100

74 24.7 18.3 27.5





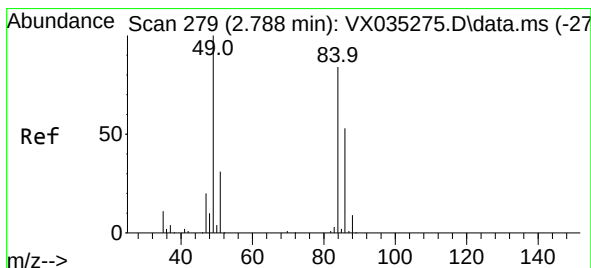
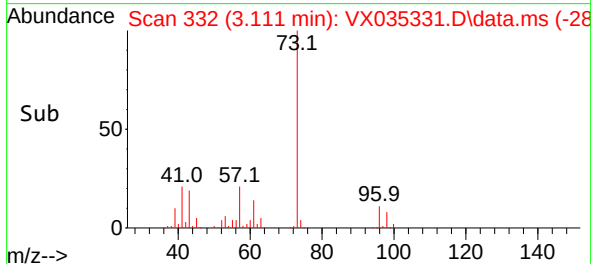
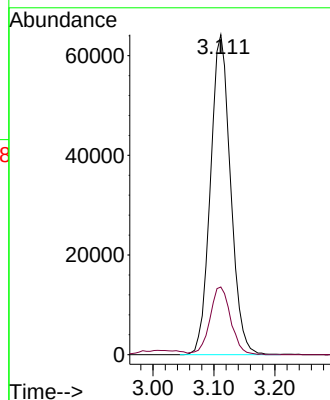
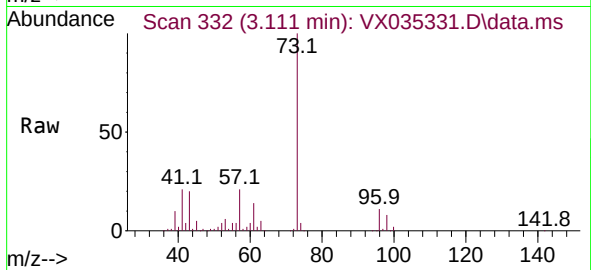
#19
Methyl tert-butyl Ether
Concen: 16.303 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion: 73 Resp: 147334
Ion Ratio Lower Upper
73 100
57 21.2 18.5 27.7

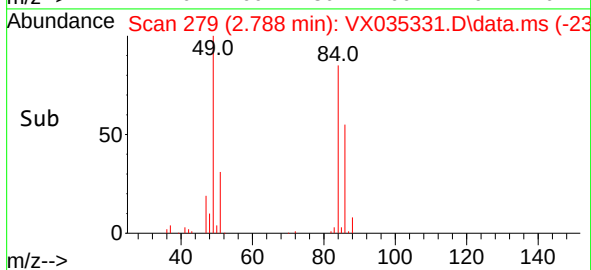
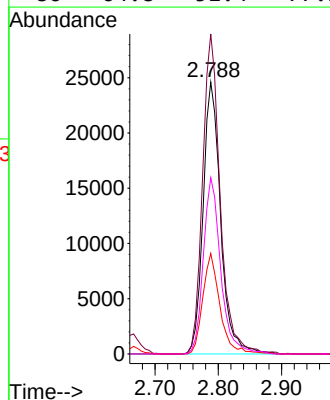
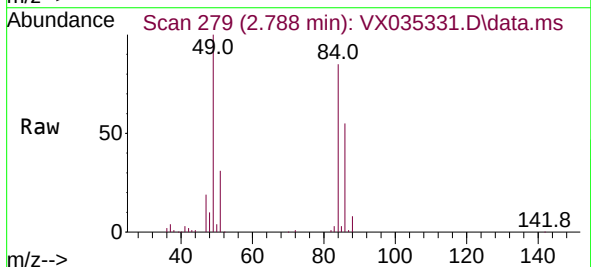
Manual Integrations
APPROVED

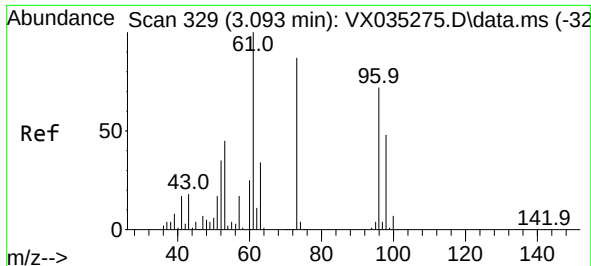
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#20
Methylene Chloride
Concen: 14.620 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

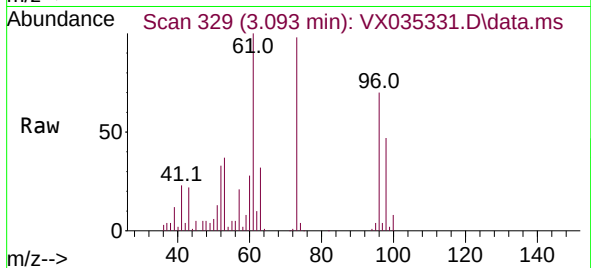
Tgt Ion: 84 Resp: 47641
Ion Ratio Lower Upper
84 100
49 117.7 103.8 155.8
51 36.9 31.8 47.8
86 64.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 15.327 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

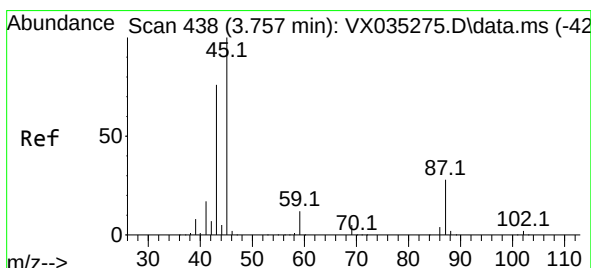
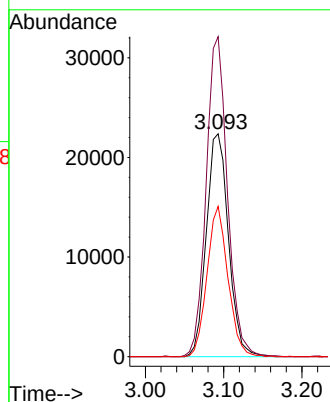
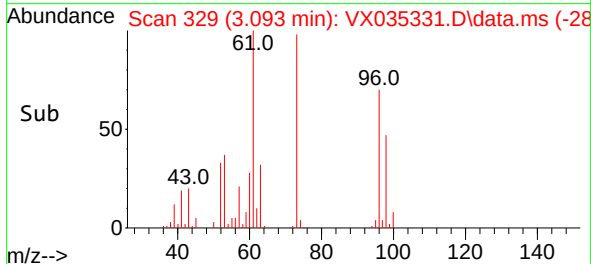
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 96 Resp: 43850
Ion Ratio Lower Upper
96 100
61 143.5 113.0 169.6
98 67.4 52.1 78.1

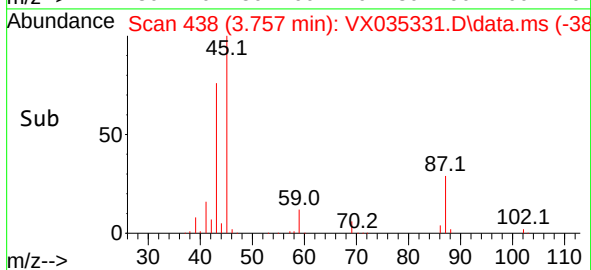
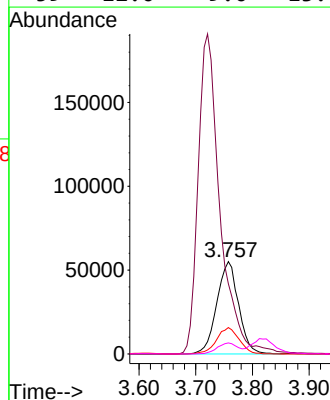
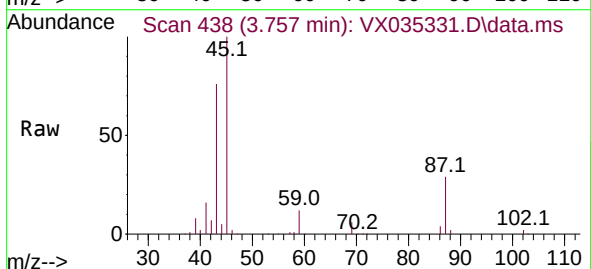
Manual Integrations
APPROVED

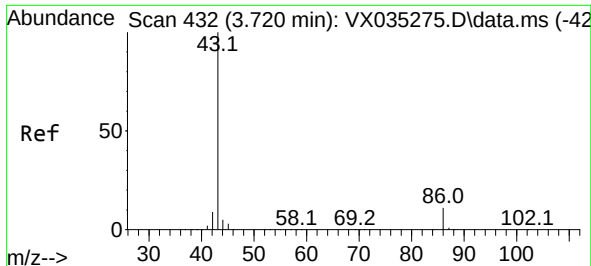
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#22
Diisopropyl ether
Concen: 16.004 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

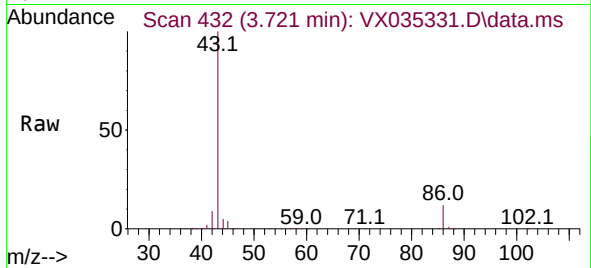
Tgt Ion: 45 Resp: 146814
Ion Ratio Lower Upper
45 100
43 75.8 65.4 98.2
87 28.7 20.6 31.0
59 12.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 81.466 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.001 min
 Lab File: VX035331.D
 Acq: 27 Apr 2023 11:19

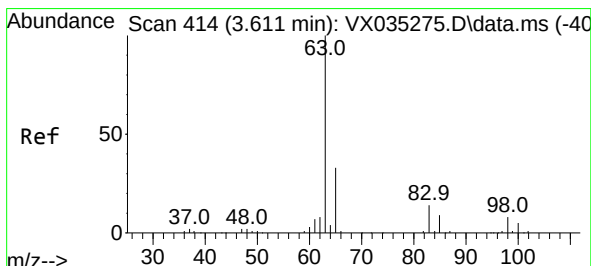
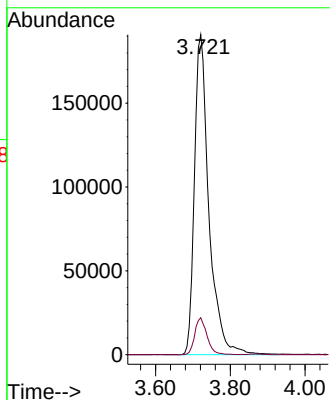
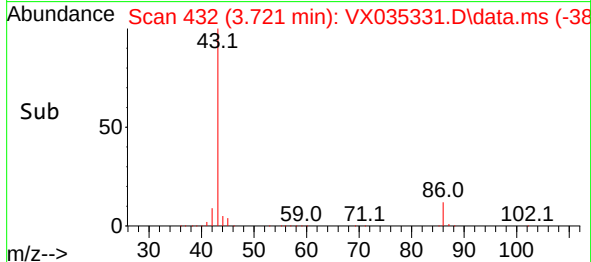
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS01



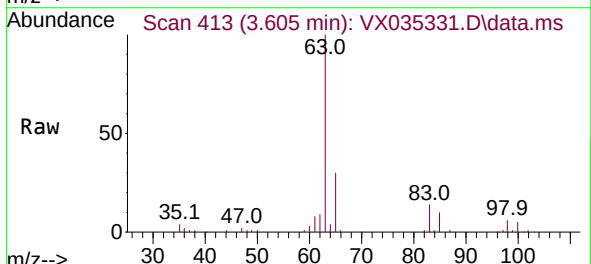
Tgt Ion: 43 Resp: 513692
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.5 12.7

Manual Integrations
 APPROVED

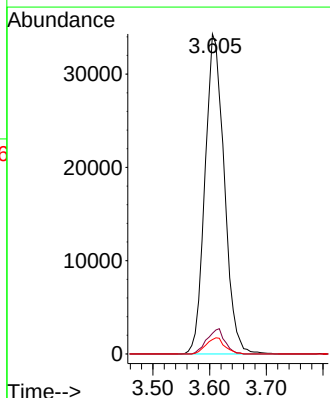
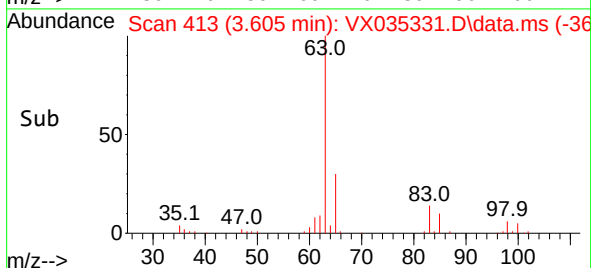
Reviewed By :John Carlone 04/27/2023
 Supervised By :Mahesh Dadoda 04/28/2023

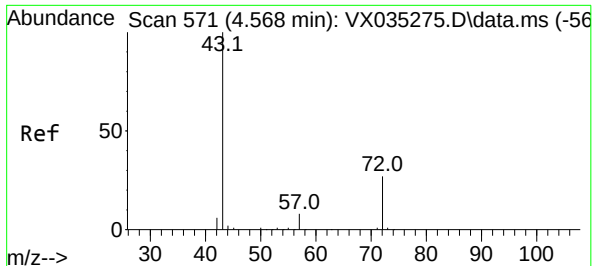


#24
 1,1-Dichloroethane
 Concen: 15.646 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035331.D
 Acq: 27 Apr 2023 11:19



Tgt Ion: 63 Resp: 80847
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 4.5 2.4 7.1





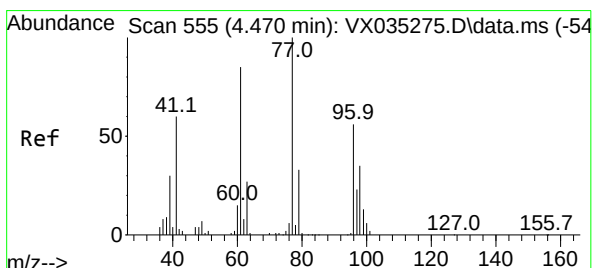
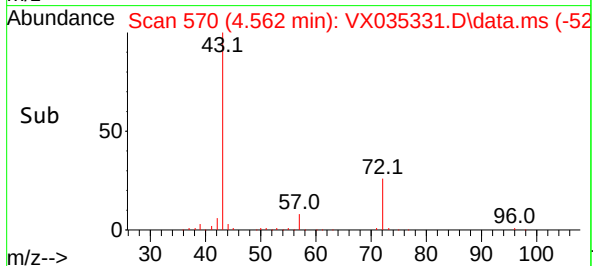
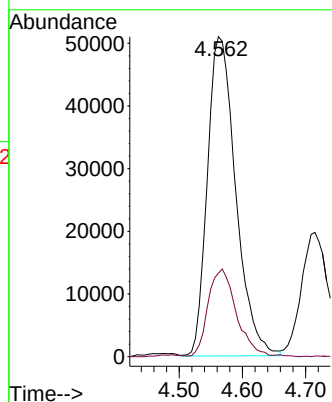
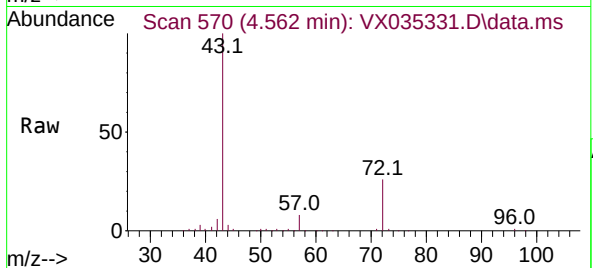
#25
2-Butanone
Concen: 76.570 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion: 43 Resp: 158829
Ion Ratio Lower Upper
43 100
72 25.9 19.3 28.9

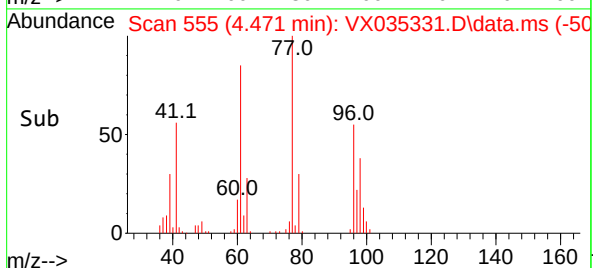
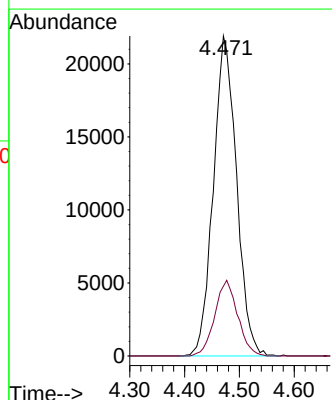
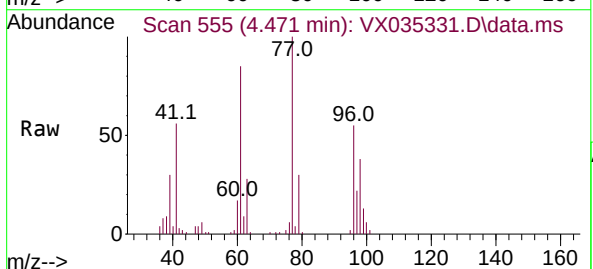
Manual Integrations
APPROVED

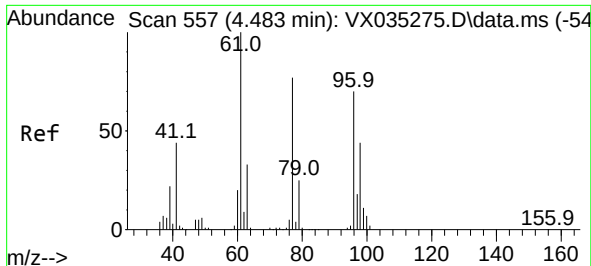
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#26
2,2-Dichloropropane
Concen: 15.897 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 77 Resp: 64354
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 15.673 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

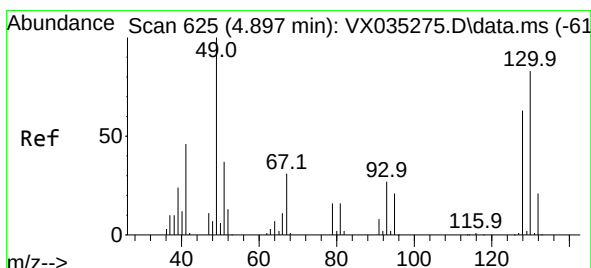
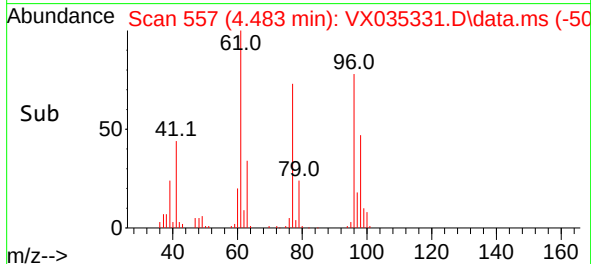
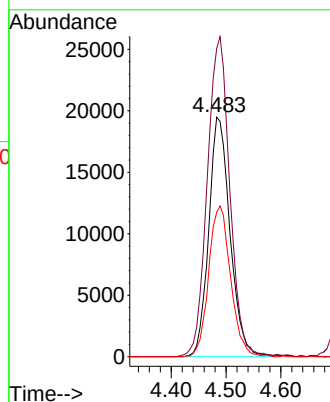
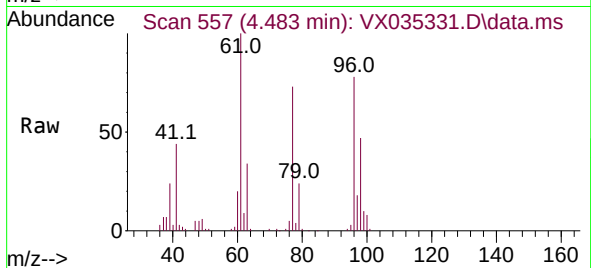
Tgt Ion: 96	Resp: 52708
Ion Ratio	Lower Upper
96 100	
61 140.6	0.0 300.4
98 64.5	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

Bromochloromethane

Concen: 16.626 ug/l

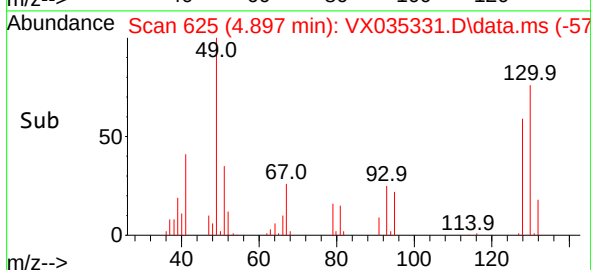
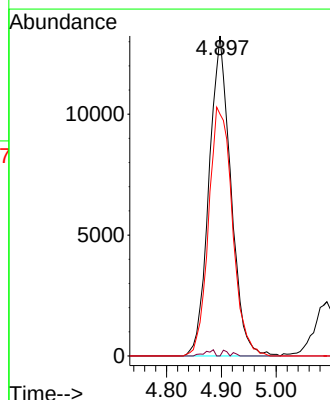
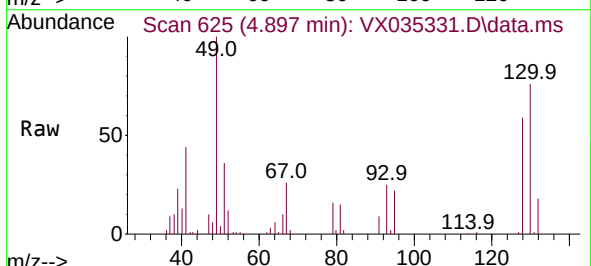
RT: 4.897 min Scan# 625

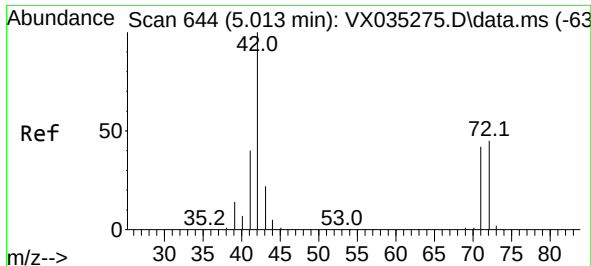
Delta R.T. 0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Tgt Ion: 49	Resp: 36610
Ion Ratio	Lower Upper
49 100	
129 0.4	0.0 4.0
130 84.6	58.2 87.2





#29

Tetrahydrofuran

Concen: 75.410 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035331.D

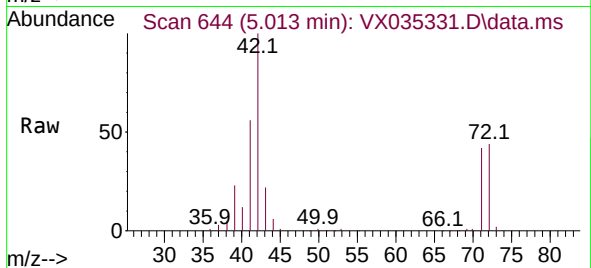
Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01



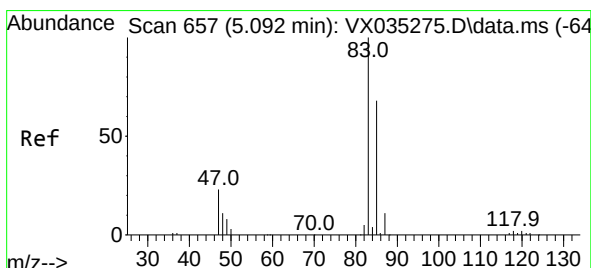
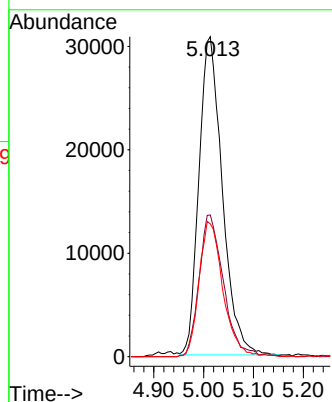
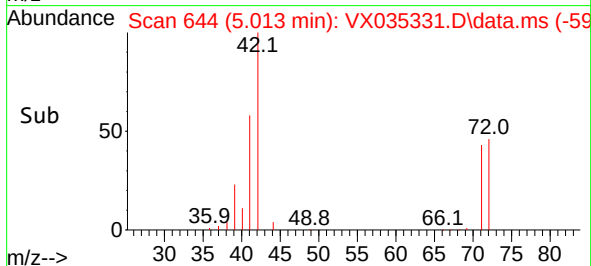
Tgt Ion:	42	Resp:	100274
Ion	Ratio	Lower	Upper
42	100		
72	46.1	34.5	51.7
71	43.3	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#30

Chloroform

Concen: 16.238 ug/l

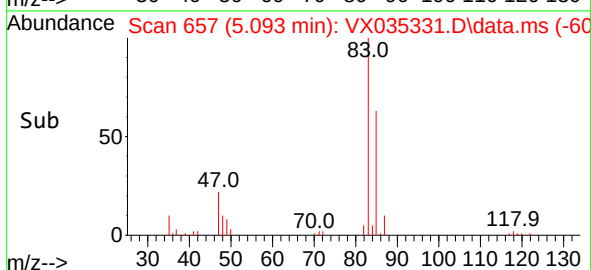
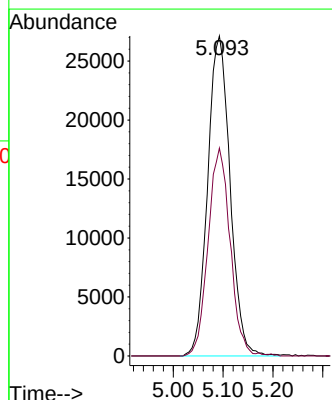
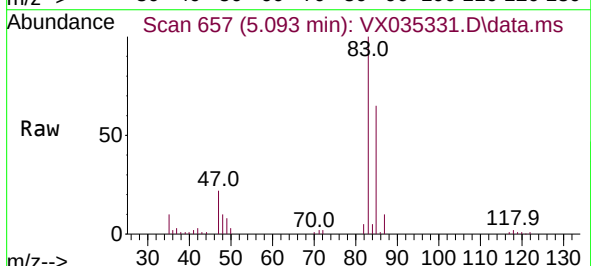
RT: 5.093 min Scan# 657

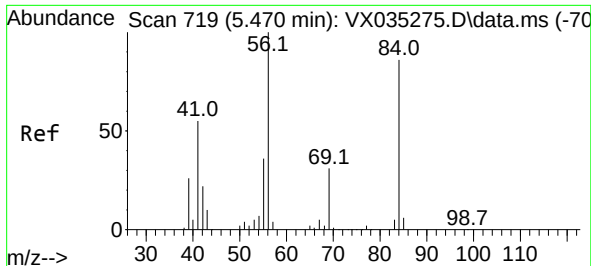
Delta R.T. 0.001 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

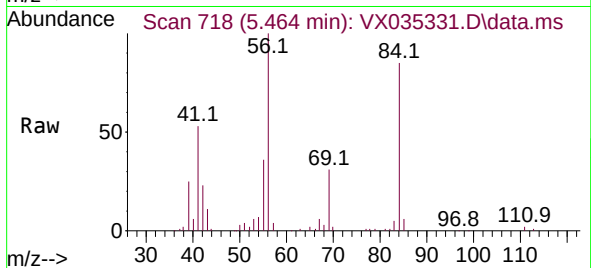
Tgt Ion:	83	Resp:	84701
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.6	76.0





#31
Cyclohexane
Concen: 15.976 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

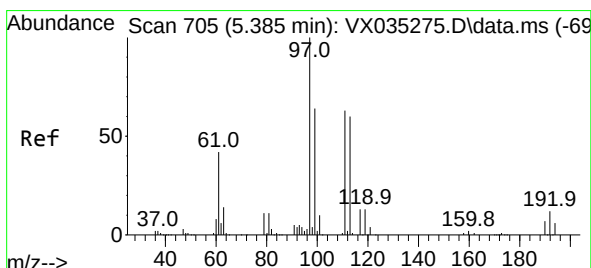
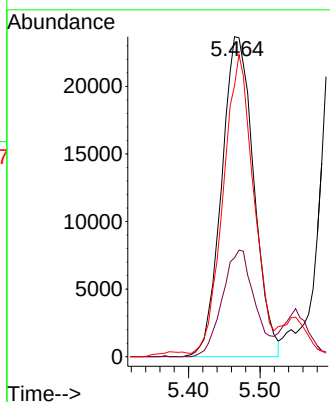
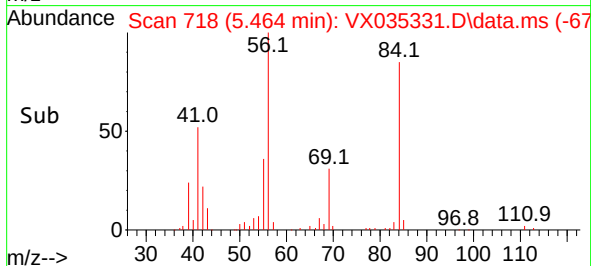
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 56 Resp: 74150
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 83.3 68.5 102.7

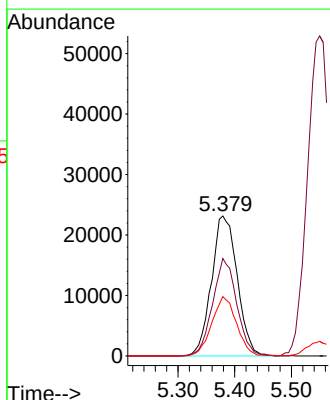
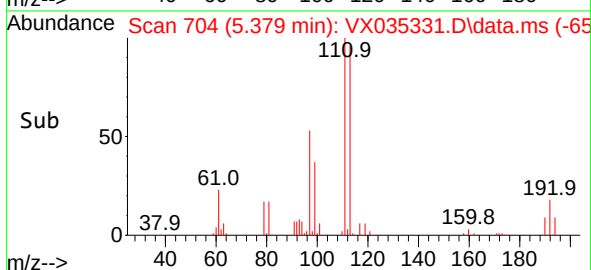
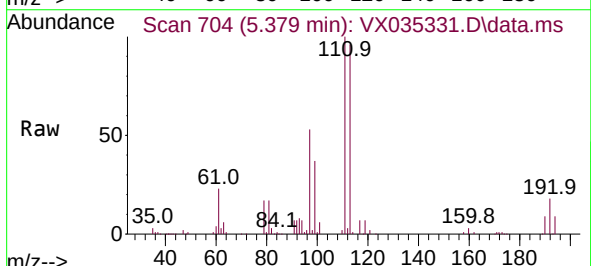
Manual Integrations
APPROVED

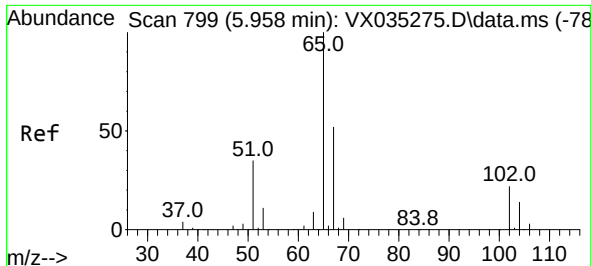
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#32
1,1,1-Trichloroethane
Concen: 15.965 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 97 Resp: 72983
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 40.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 45.903 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

Tgt Ion: 65 Resp: 15020

Ion Ratio Lower Upper

65 100

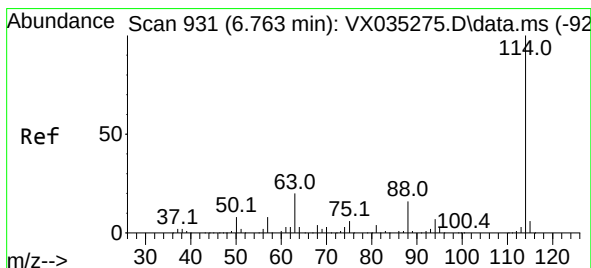
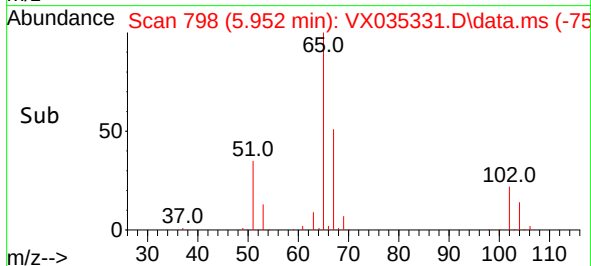
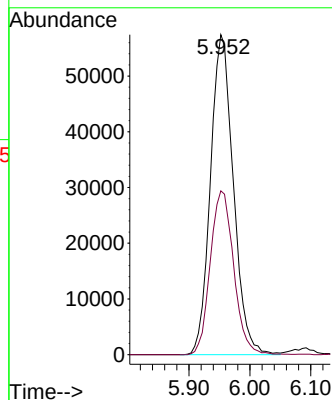
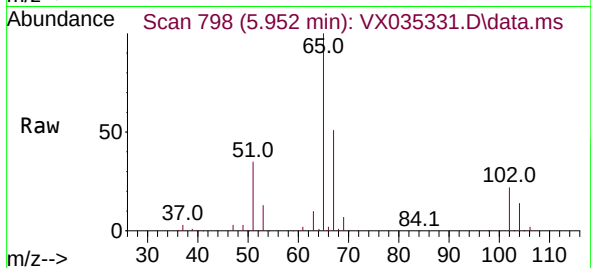
67 52.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

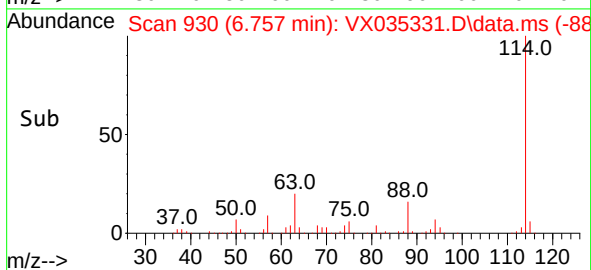
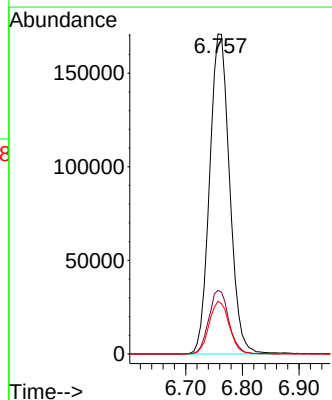
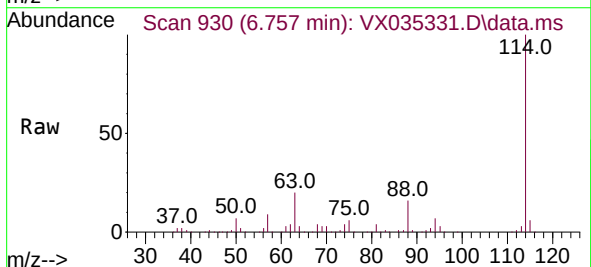
Tgt Ion:114 Resp: 418678

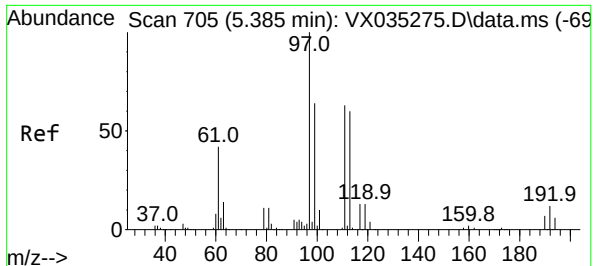
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

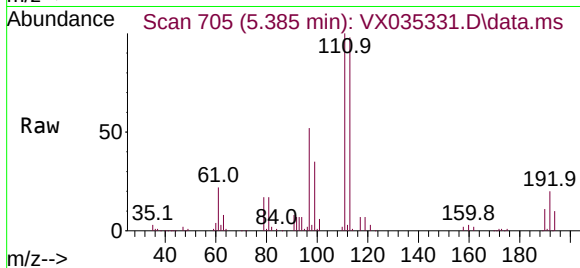
88 16.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 47.830 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

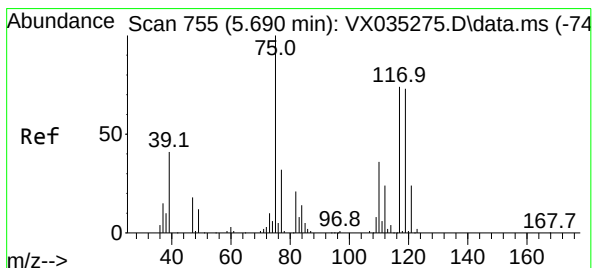
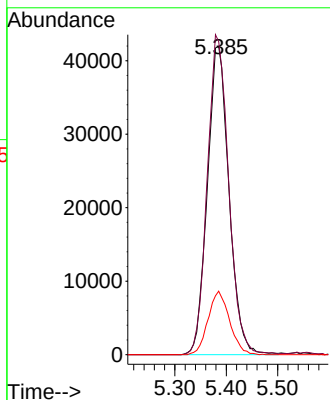
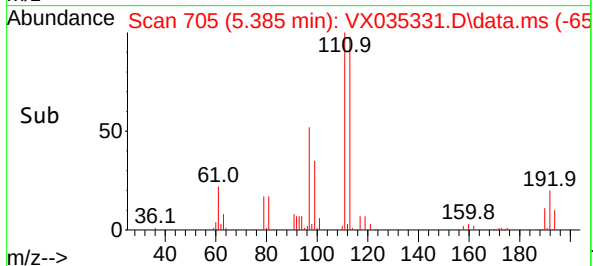
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 113 Resp: 122905
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 20.5 15.4 23.2

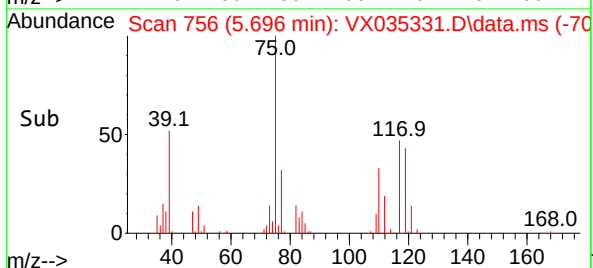
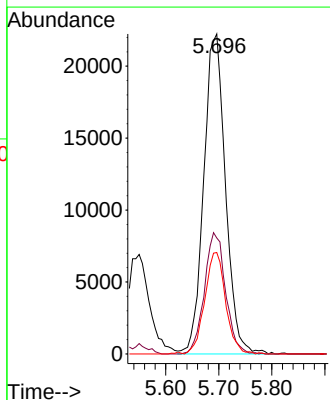
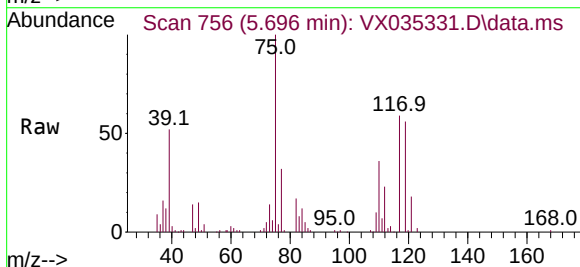
Manual Integrations
APPROVED

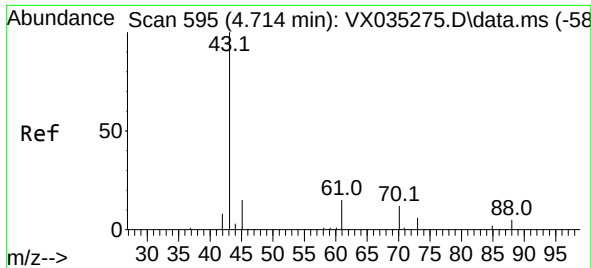
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,1-Dichloropropene
Concen: 15.787 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 75 Resp: 63346
Ion Ratio Lower Upper
75 100
110 36.9 17.5 52.5
77 30.4 24.3 36.5





#37

Ethyl Acetate

Concen: 16.797 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

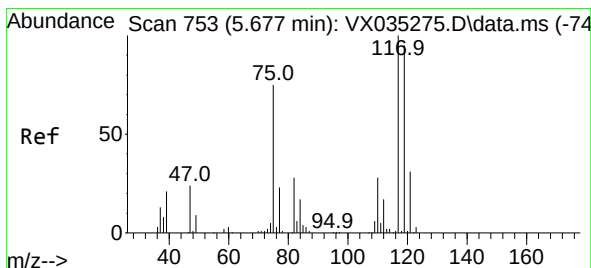
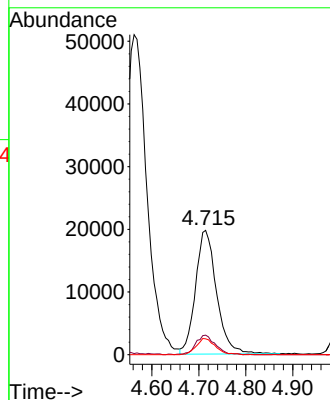
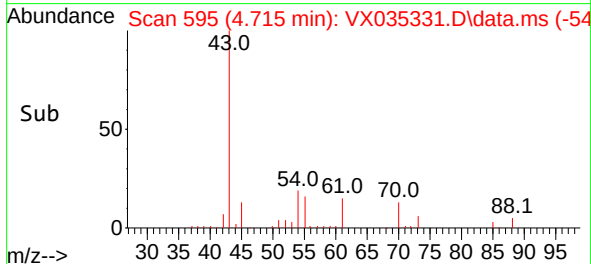
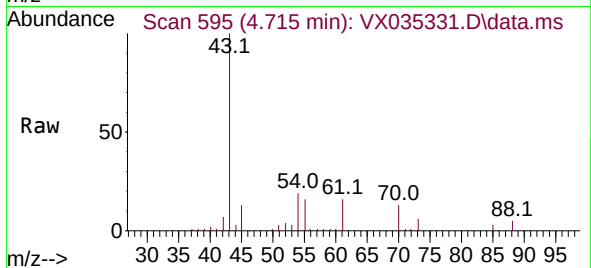
Tgt Ion: 43	Resp: 61550
Ion Ratio	Lower Upper
43 100	
61 14.7	10.2 15.4
70 11.9	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#38

Carbon Tetrachloride

Concen: 16.489 ug/l

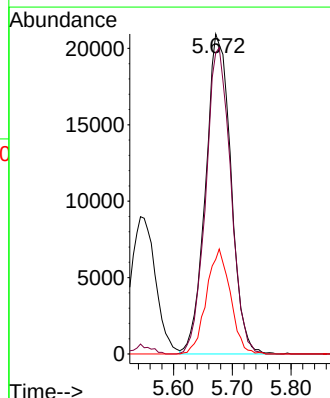
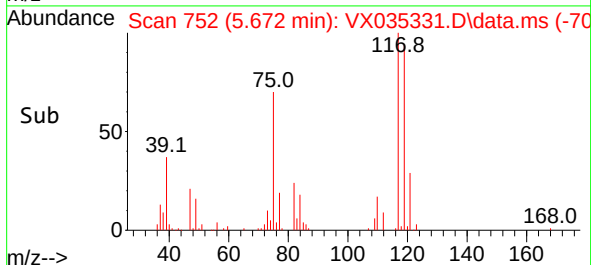
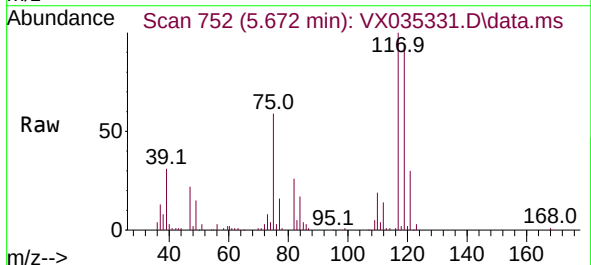
RT: 5.672 min Scan# 752

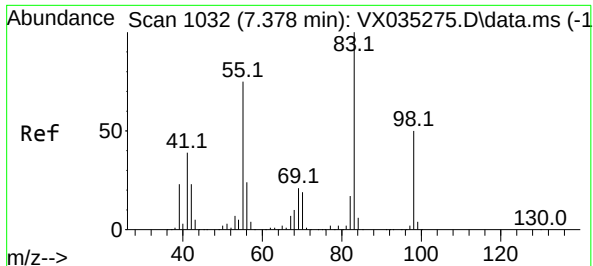
Delta R.T. -0.005 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Tgt Ion: 117	Resp: 62807
Ion Ratio	Lower Upper
117 100	
119 94.1	76.6 114.8
121 29.6	23.8 35.6





#39

Methylcyclohexane

Concen: 16.350 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

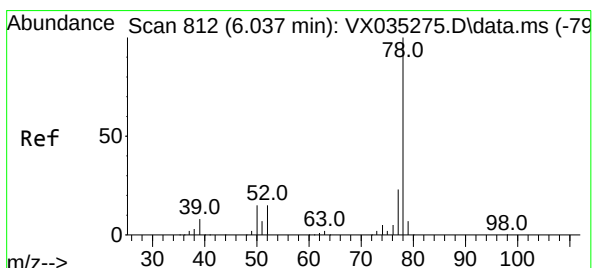
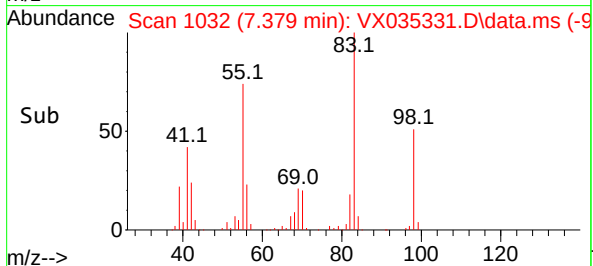
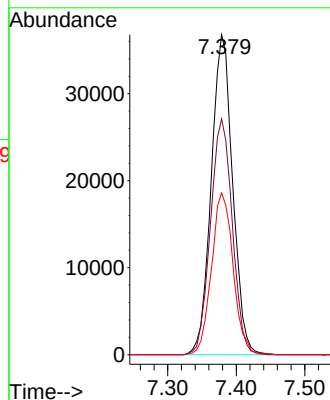
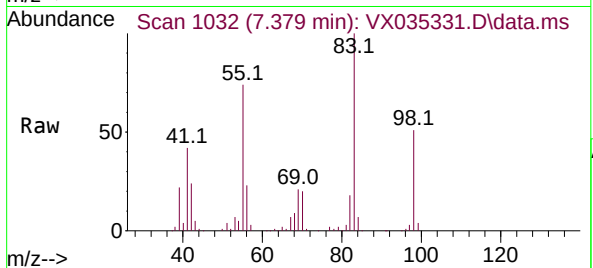
Tgt Ion: 83 Resp: 79858
 Ion Ratio Lower Upper
 83 100
 55 73.7 60.5 90.7
 98 50.6 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Benzene

Concen: 16.177 ug/l

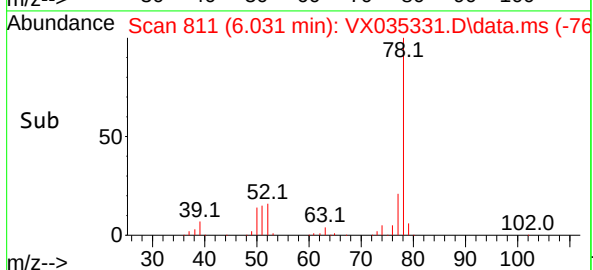
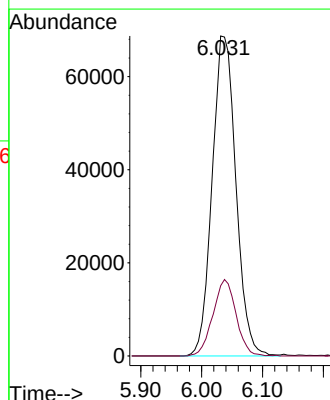
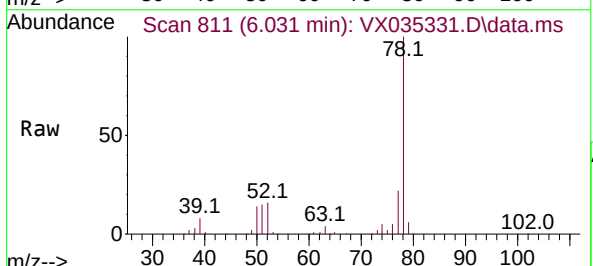
RT: 6.031 min Scan# 811

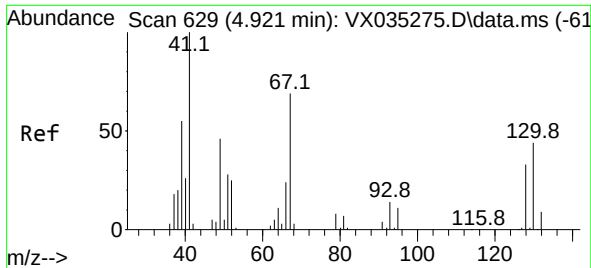
Delta R.T. -0.006 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

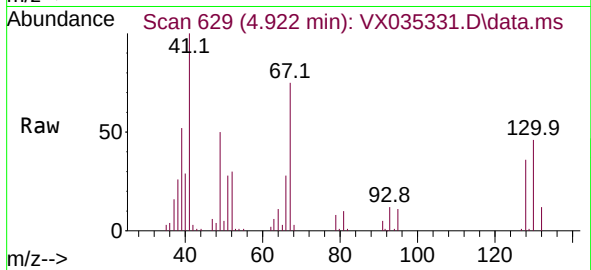
Tgt Ion: 78 Resp: 186206
 Ion Ratio Lower Upper
 78 100
 77 22.0 19.0 28.4





#41
Methacrylonitrile
Concen: 16.126 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

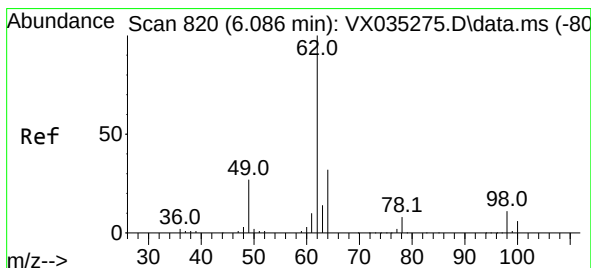
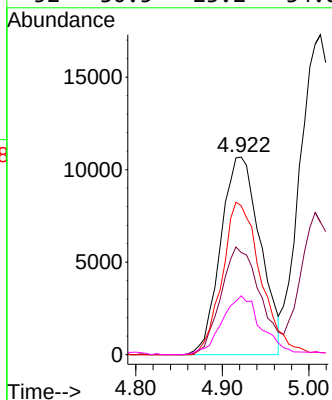
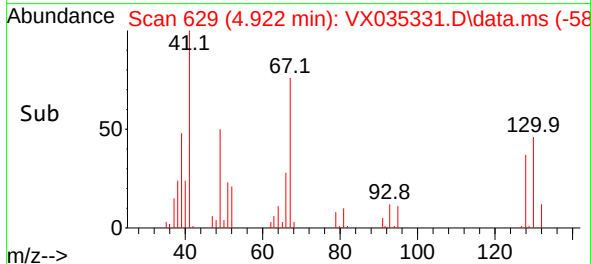
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion:	41	Resp:	3386
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.0	67.6
67	75.8	55.6	83.4
52	30.5	23.2	34.8

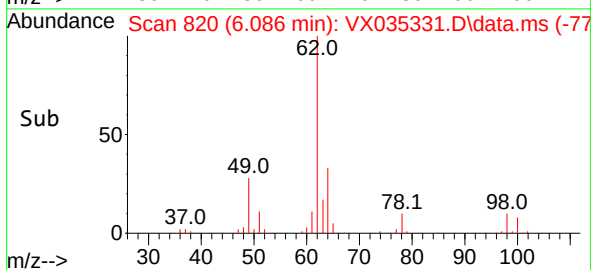
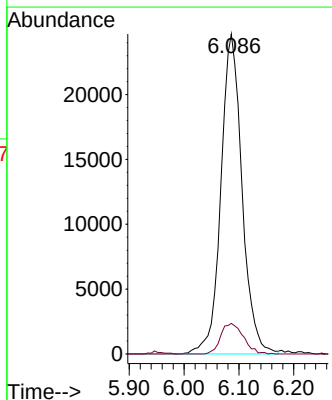
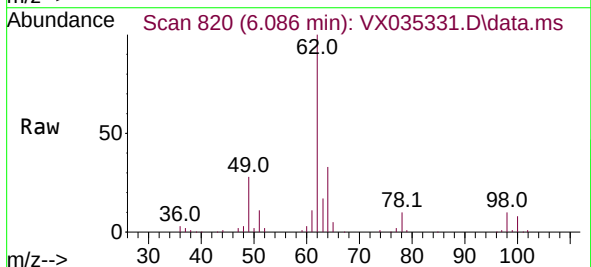
Manual Integrations
APPROVED

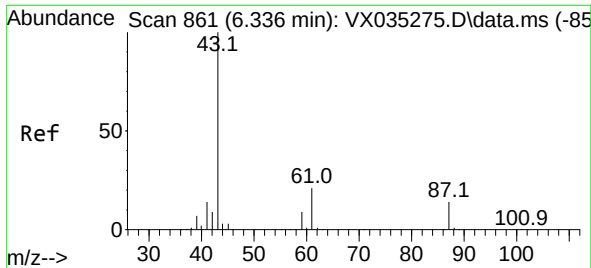
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#42
1,2-Dichloroethane
Concen: 16.133 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion:	62	Resp:	66211
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0





#43

Isopropyl Acetate

Concen: 16.207 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

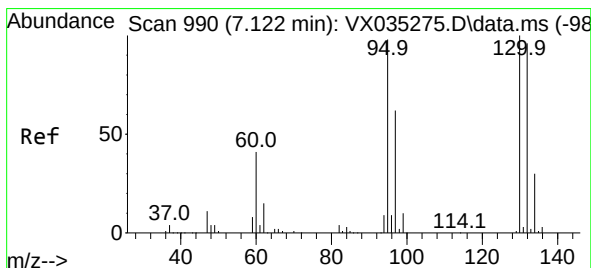
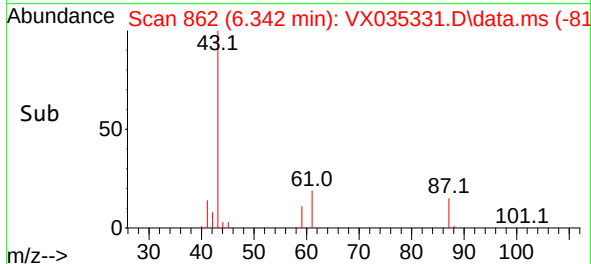
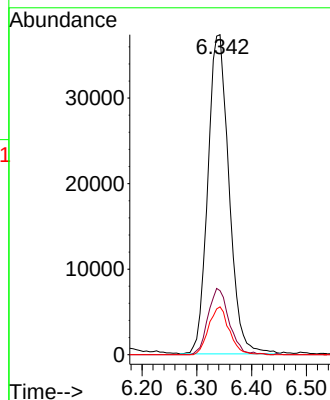
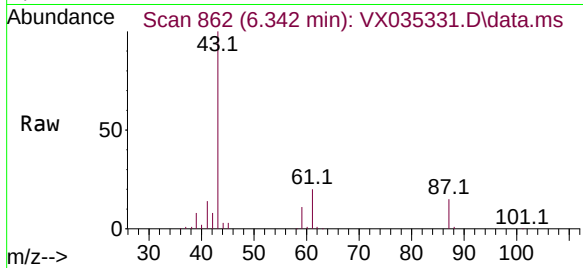
Tgt Ion: 43	Resp: 9980
Ion Ratio	Lower Upper
43 100	
61 20.7	15.2 22.8
87 14.6	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Trichloroethene

Concen: 16.478 ug/l

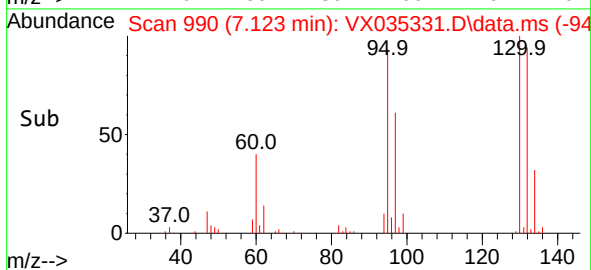
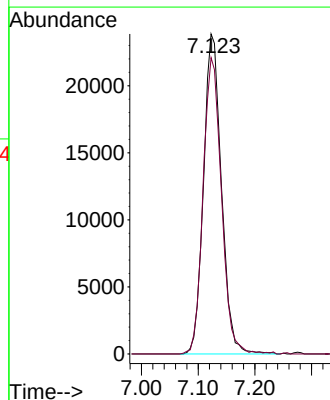
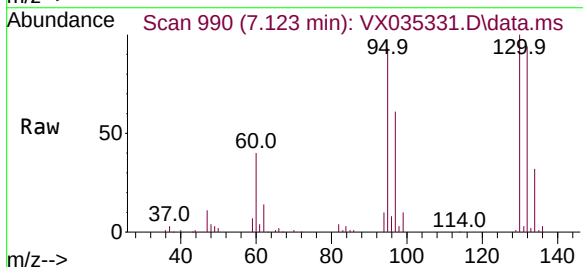
RT: 7.123 min Scan# 990

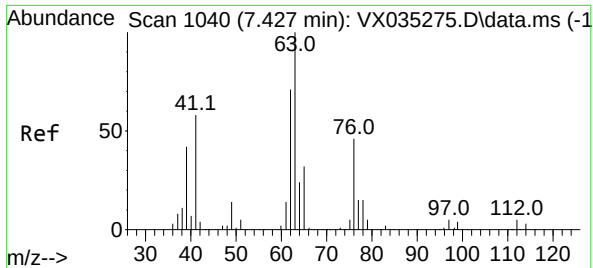
Delta R.T. 0.001 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Tgt Ion:130	Resp: 52249
Ion Ratio	Lower Upper
130 100	
95 92.6	0.0 198.4





#45

1,2-Dichloropropane

Concen: 16.600 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

Tgt Ion: 63 Resp: 4817

Ion Ratio Lower Upper

63 100

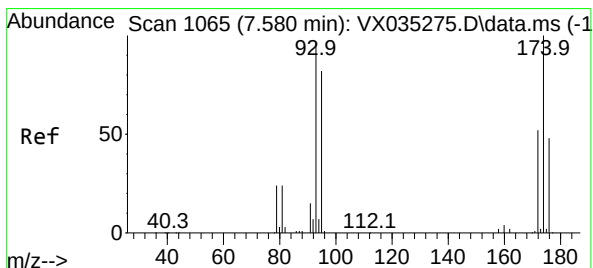
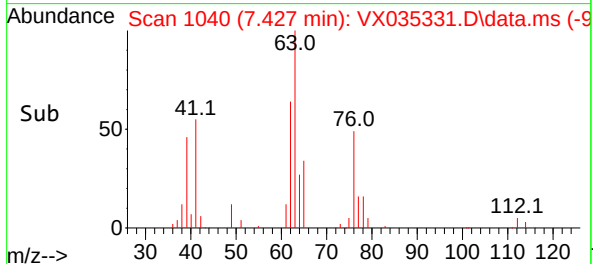
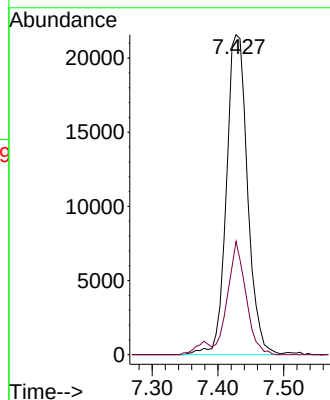
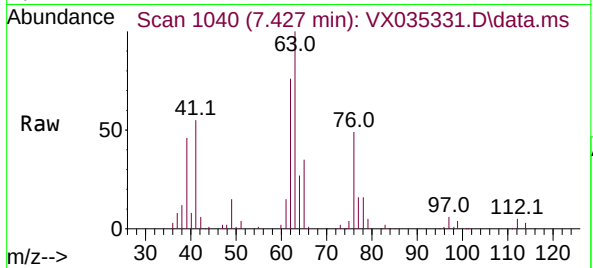
65 35.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

Dibromomethane

Concen: 16.520 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

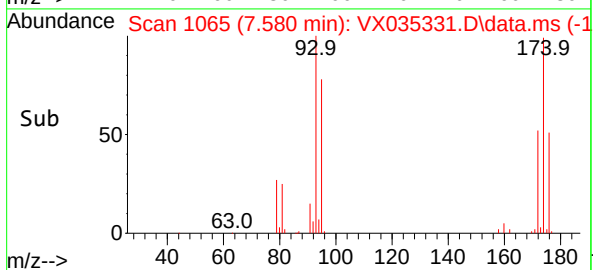
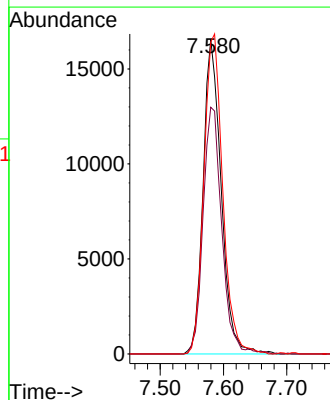
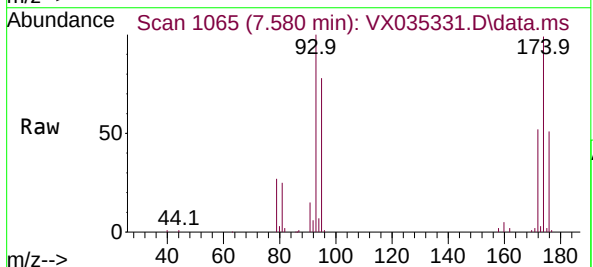
Tgt Ion: 93 Resp: 32920

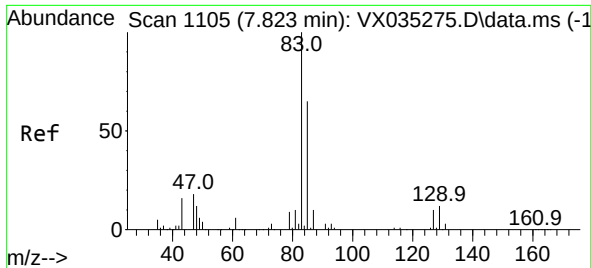
Ion Ratio Lower Upper

93 100

95 81.2 66.9 100.3

174 106.3 75.4 113.0





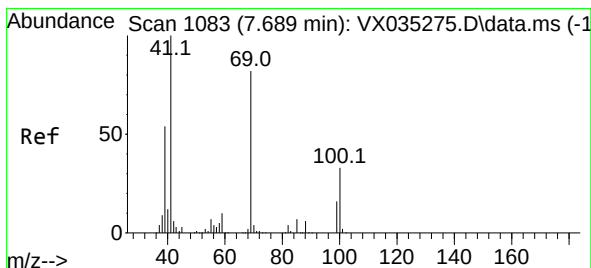
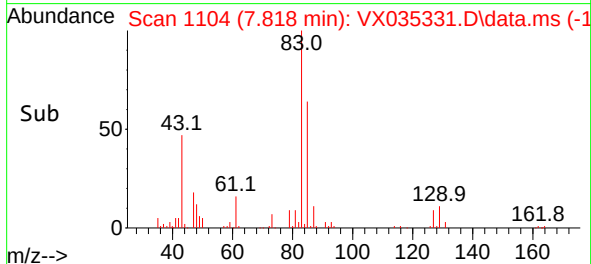
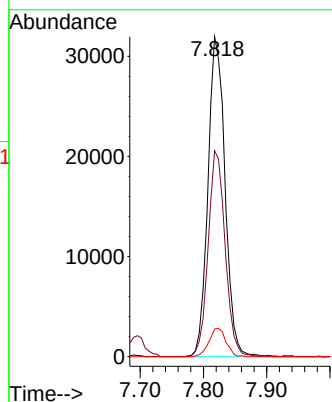
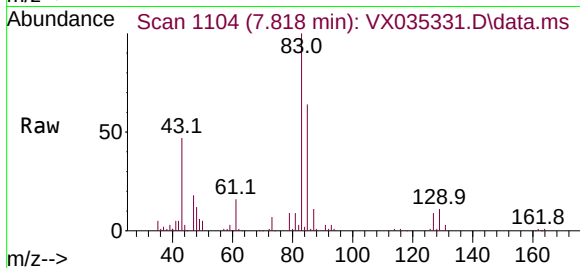
#47
Bromodichloromethane
Concen: 16.378 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion: 83 Resp: 60134
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.4
127 8.7 6.6 9.8

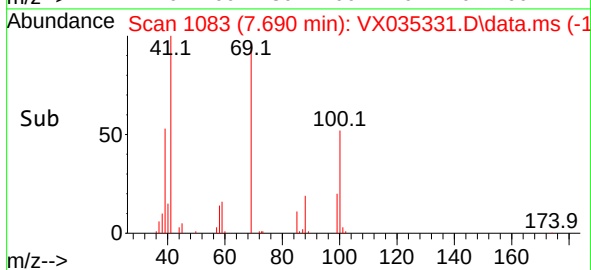
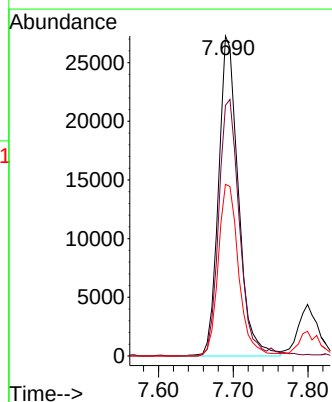
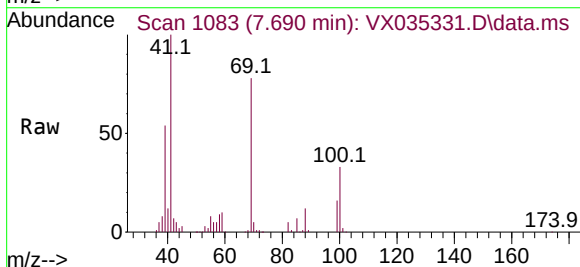
Manual Integrations
APPROVED

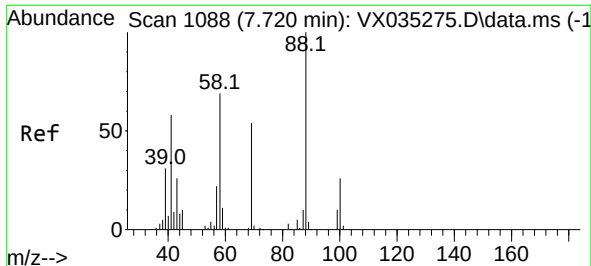
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#48
Methyl methacrylate
Concen: 16.653 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

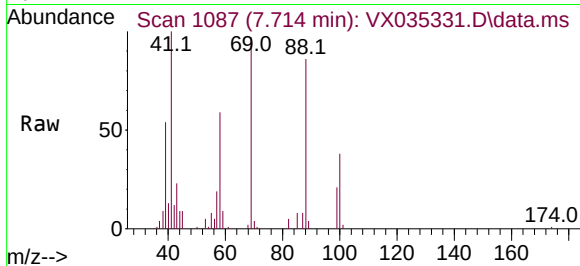
Tgt Ion: 41 Resp: 50303
Ion Ratio Lower Upper
41 100
69 84.4 62.2 93.4
39 55.4 47.7 71.5





#49
1,4-Dioxane
Concen: 335.969 ug/l
RT: 7.714 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

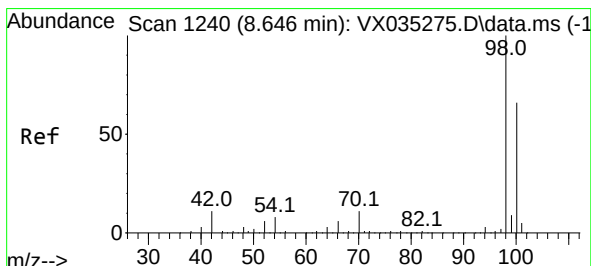
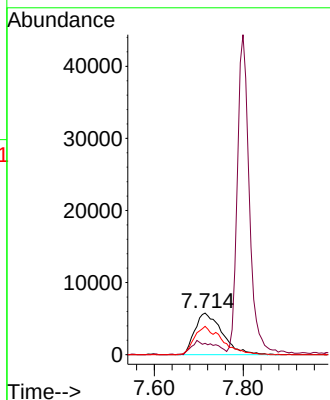
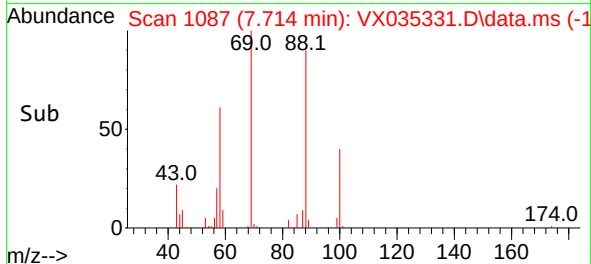
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 88 Resp: 2473
Ion Ratio Lower Upper
88 100
43 28.7 27.7 41.5
58 68.5 56.8 85.2

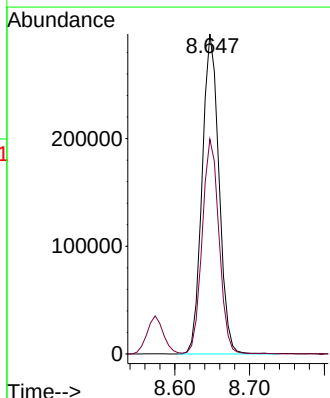
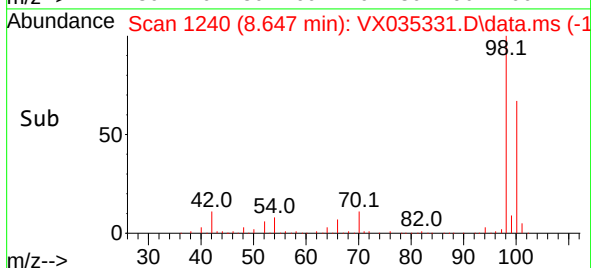
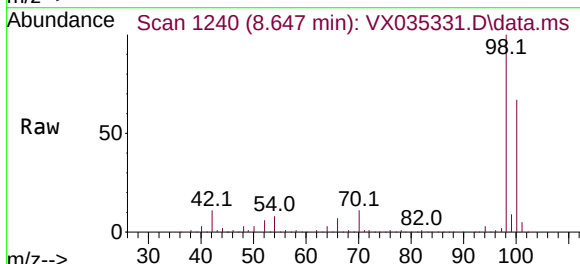
Manual Integrations
APPROVED

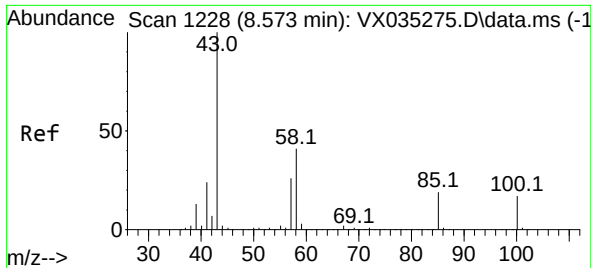
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#50
Toluene-d8
Concen: 47.885 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

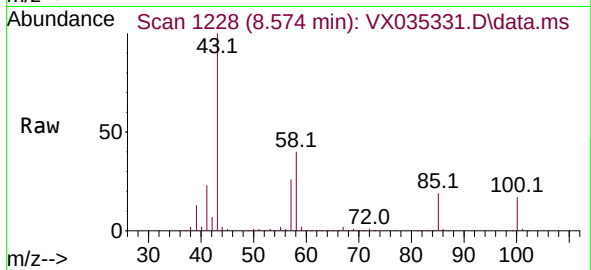
Tgt Ion: 98 Resp: 464194
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 82.762 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

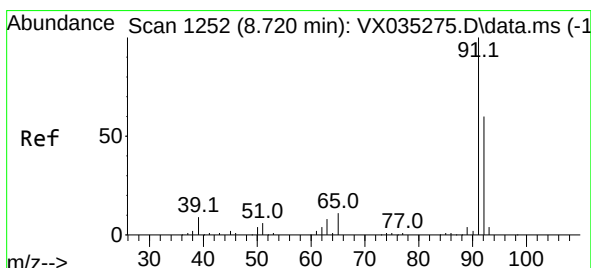
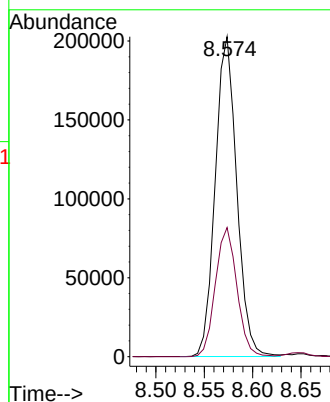
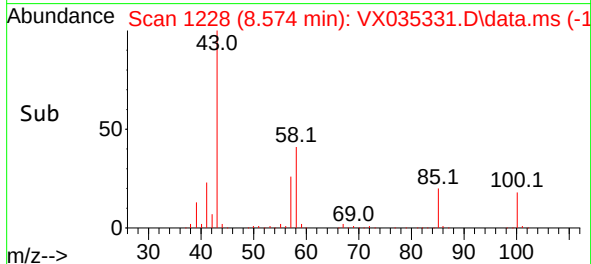
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 43 Resp: 31310
Ion Ratio Lower Upper
43 100
58 40.5 30.6 46.0

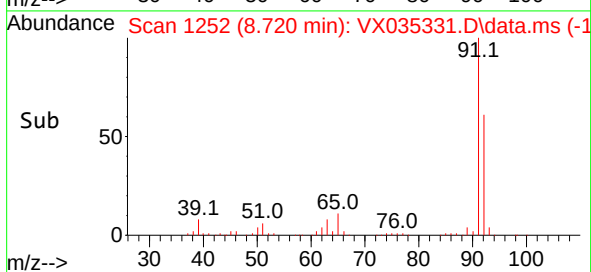
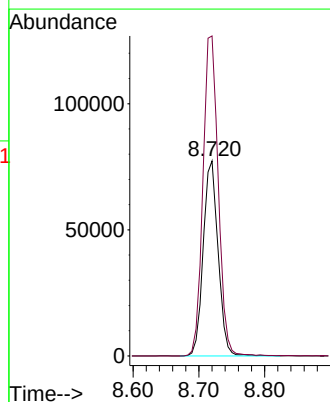
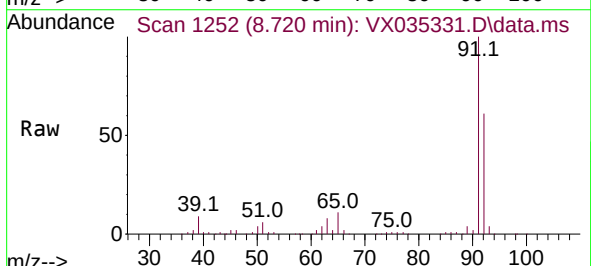
Manual Integrations
APPROVED

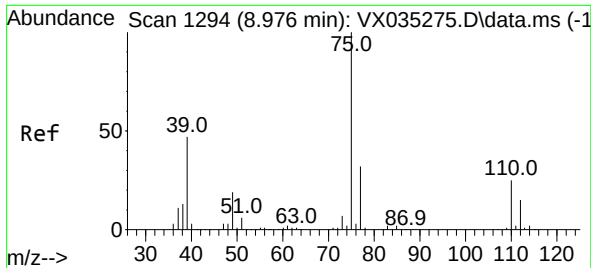
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#52
Toluene
Concen: 16.650 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 92 Resp: 121478
Ion Ratio Lower Upper
92 100
91 169.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 17.037 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

Tgt Ion: 75 Resp: 65320

Ion Ratio Lower Upper

75 100

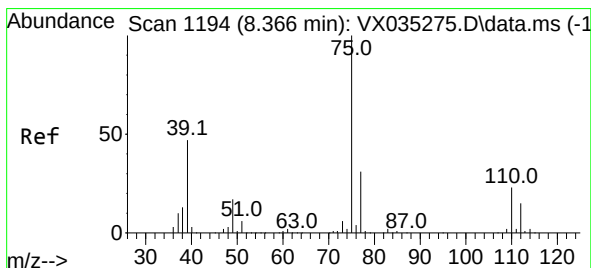
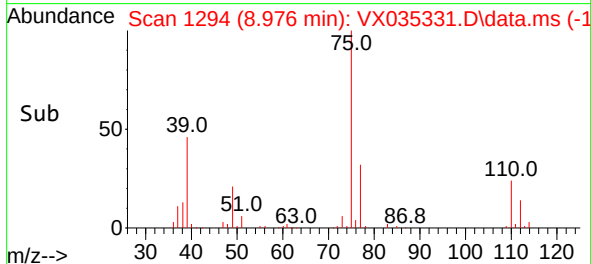
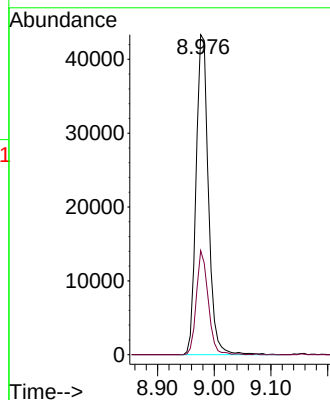
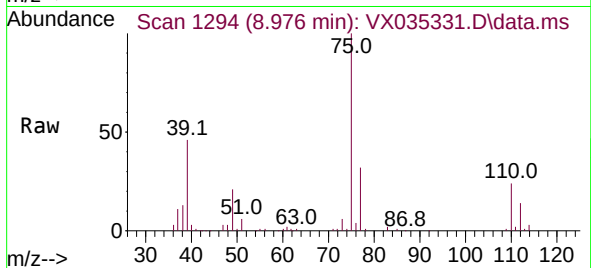
77 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#54

cis-1,3-Dichloropropene

Concen: 17.010 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

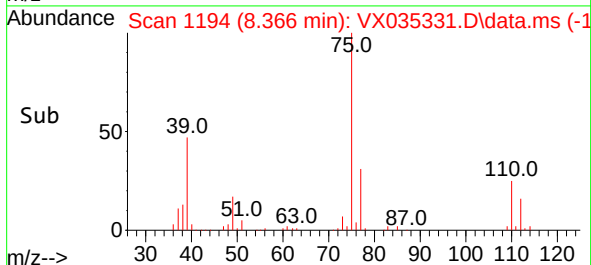
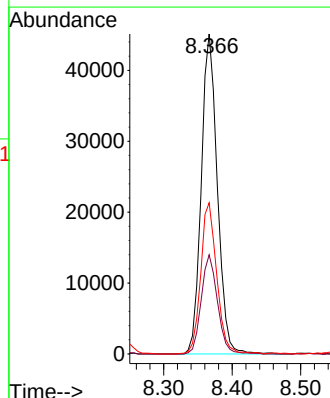
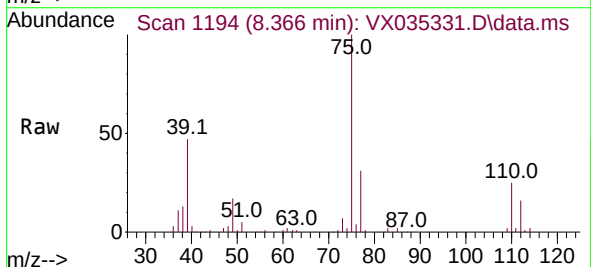
Tgt Ion: 75 Resp: 73723

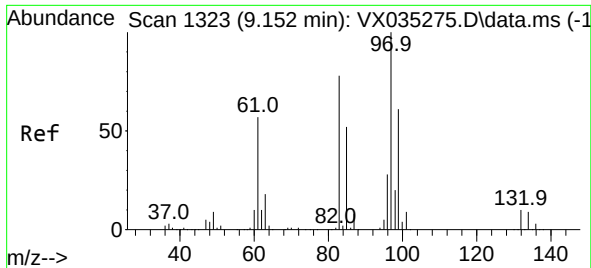
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

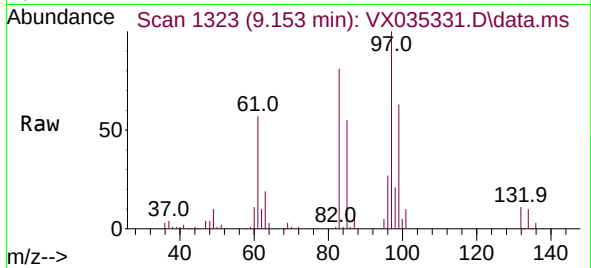
39 47.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 16.881 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

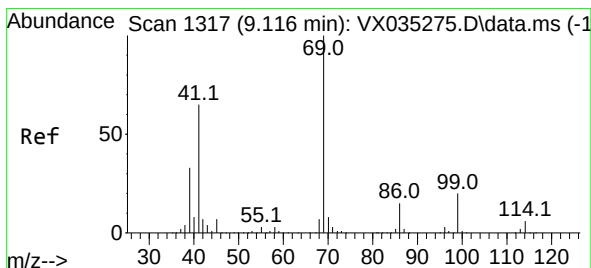
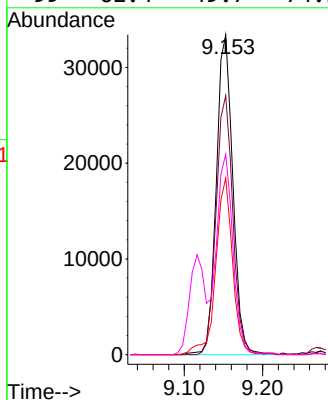
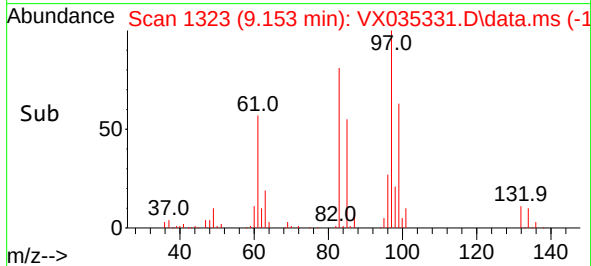
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.7	104.5
85	55.2	43.7	65.5
99	62.4	49.7	74.5

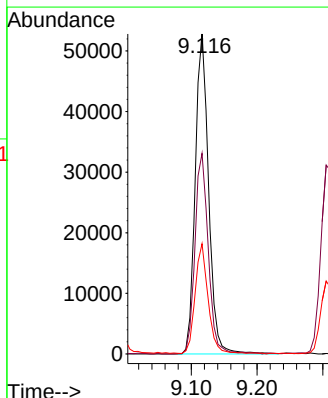
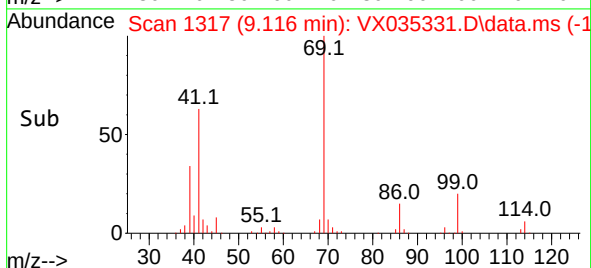
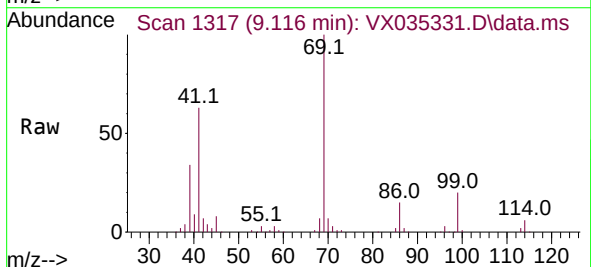
Manual Integrations
APPROVED

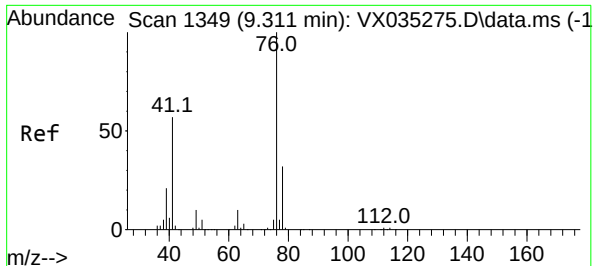
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#56
Ethyl methacrylate
Concen: 17.177 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	57.4	86.0
39	33.9	33.7	50.5





#57

1,3-Dichloropropane

Concen: 16.367 ug/l

RT: 9.305 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

Tgt Ion: 76 Resp: 8142

Ion Ratio Lower Upper

76 100

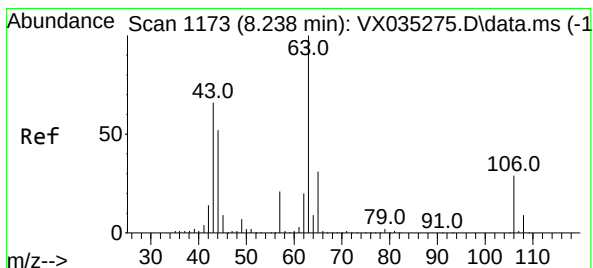
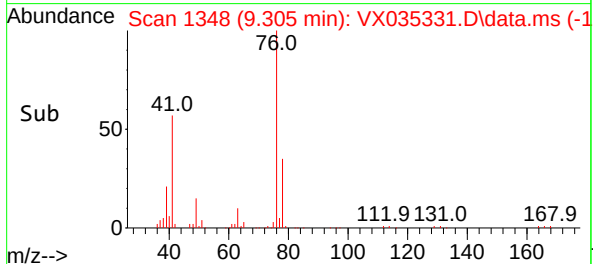
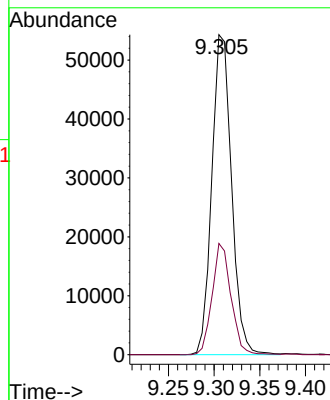
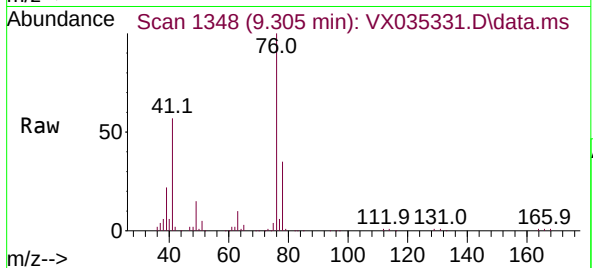
78 33.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.100 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035331.D

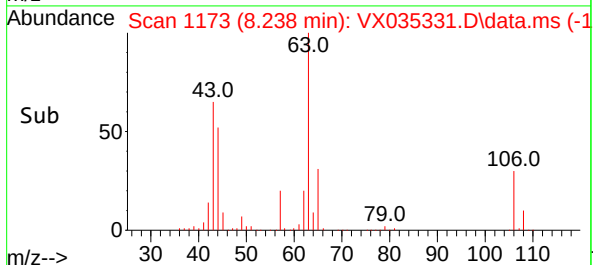
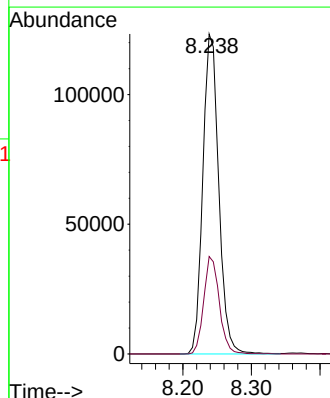
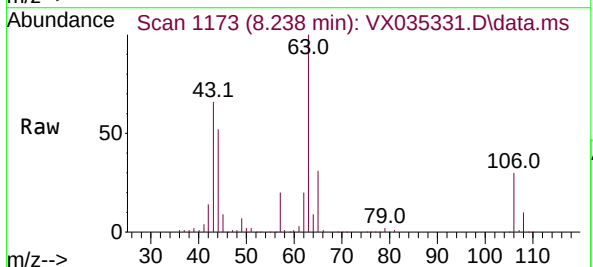
Acq: 27 Apr 2023 11:19

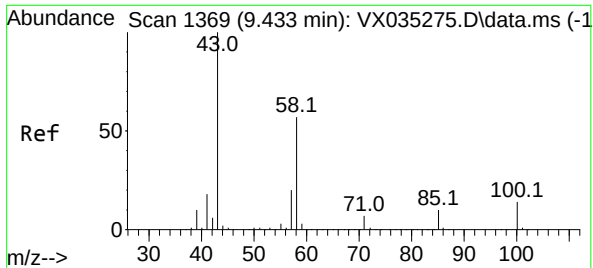
Tgt Ion: 63 Resp: 199534

Ion Ratio Lower Upper

63 100

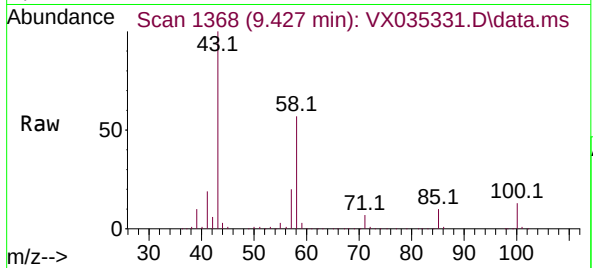
106 29.8 22.2 33.2





#59
2-Hexanone
Concen: 82.856 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

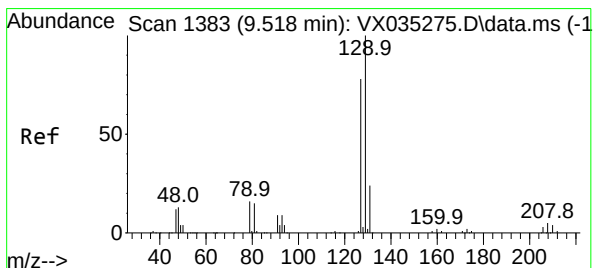
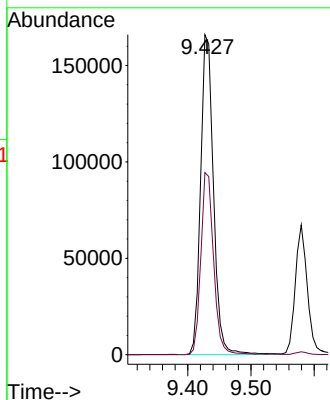
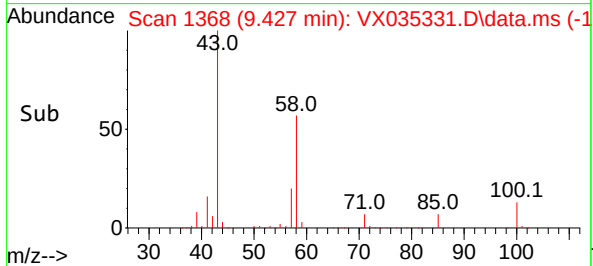
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 43 Resp: 235488
Ion Ratio Lower Upper
43 100
58 56.7 26.3 78.9

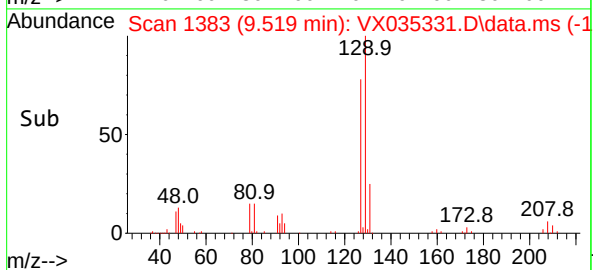
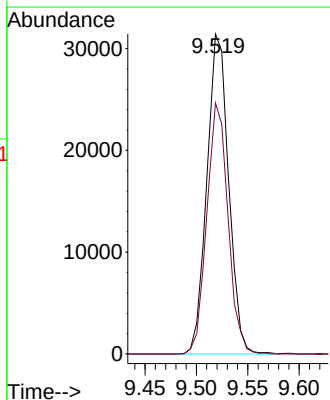
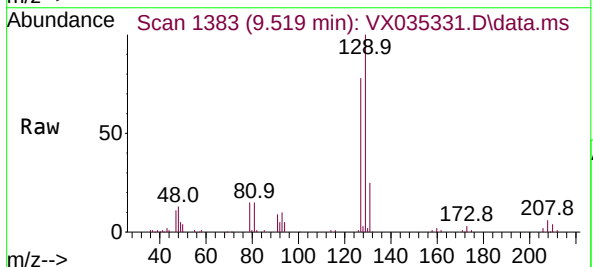
Manual Integrations
APPROVED

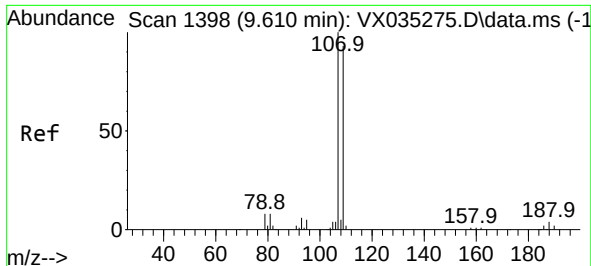
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
Dibromochloromethane
Concen: 16.589 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

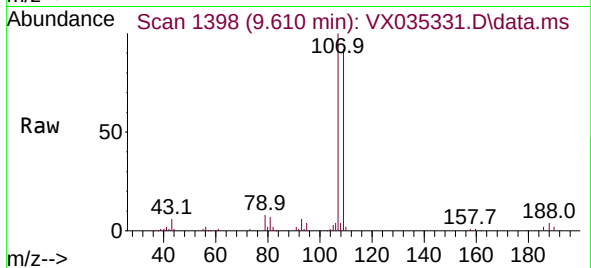
Tgt Ion:129 Resp: 46229
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 16.937 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

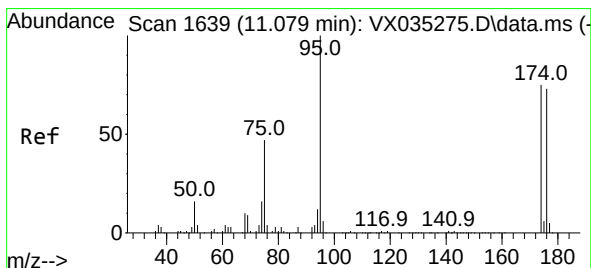
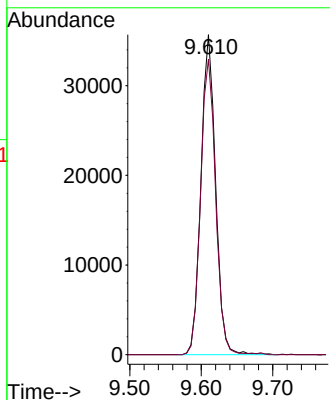
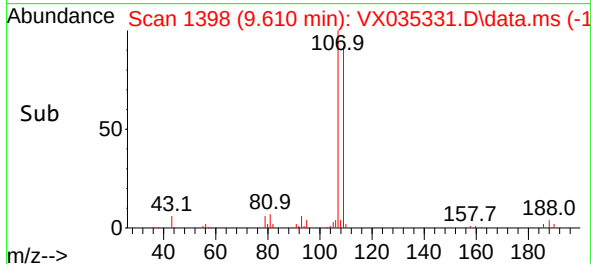
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion:107 Resp: 50785
Ion Ratio Lower Upper
107 100
109 94.4 75.3 112.9

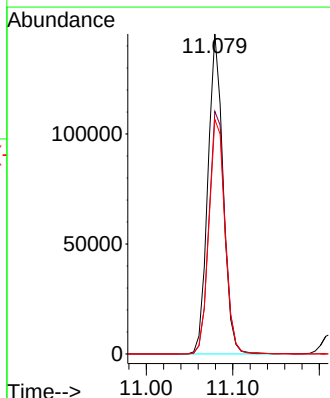
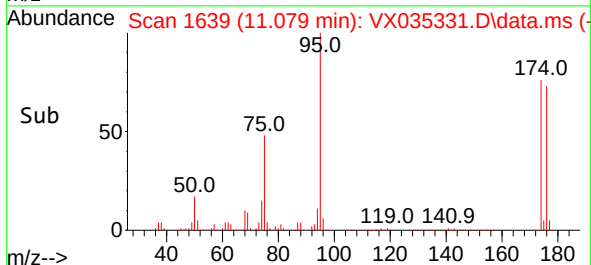
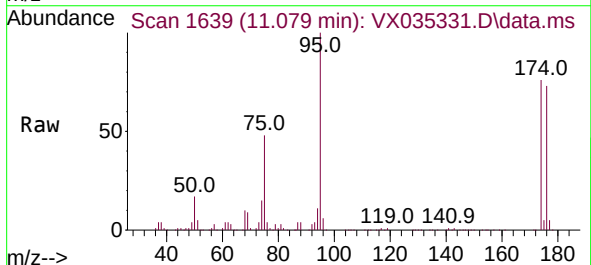
Manual Integrations
APPROVED

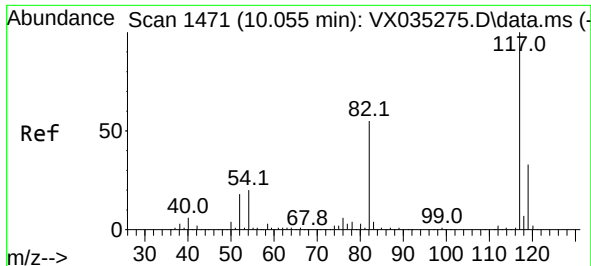
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
4-Bromofluorobenzene
Concen: 48.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

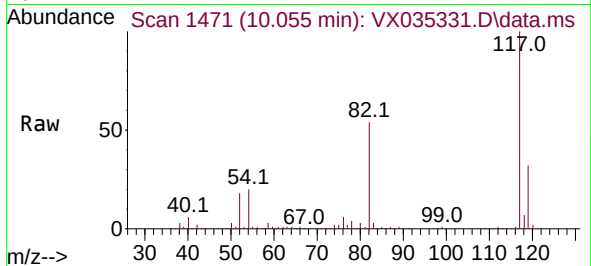
Tgt Ion: 95 Resp: 177134
Ion Ratio Lower Upper
95 100
174 80.0 0.0 147.4
176 77.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

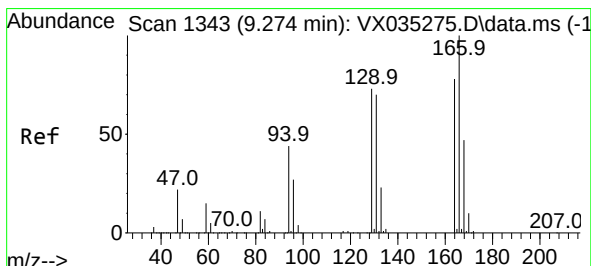
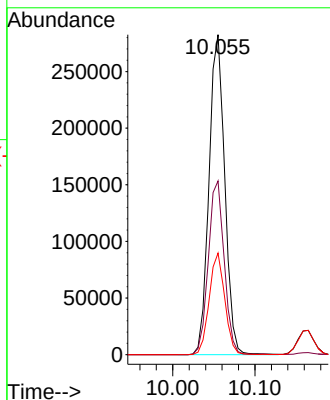
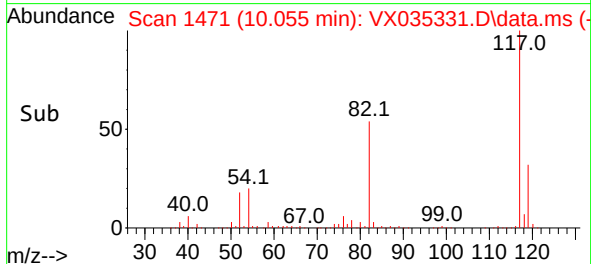
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion:117 Resp: 37622
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.7 26.0 39.0

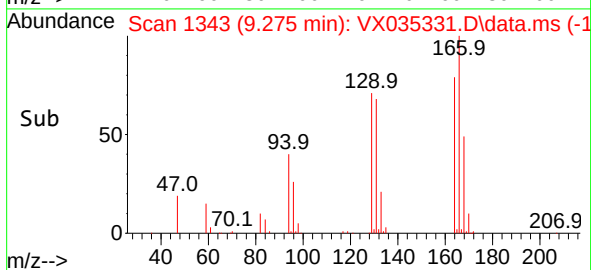
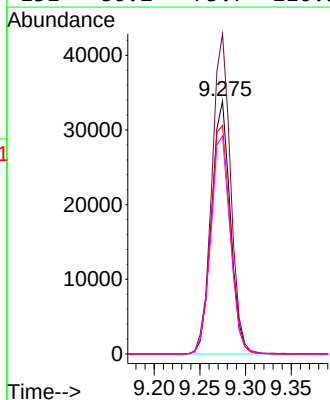
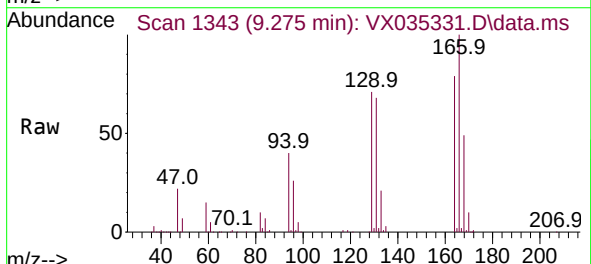
Manual Integrations
APPROVED

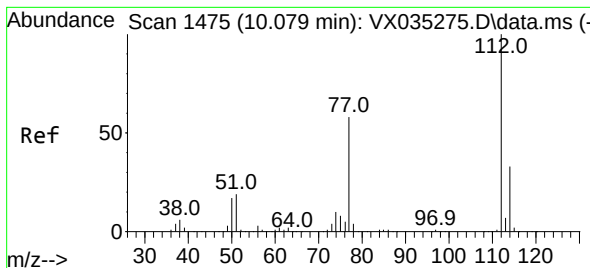
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#64
Tetrachloroethene
Concen: 16.762 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

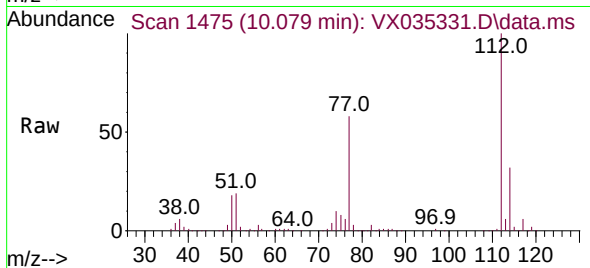
Tgt Ion:164 Resp: 48286
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 90.5 75.6 113.4
131 86.2 73.7 110.5





#65
Chlorobenzene
Concen: 16.156 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

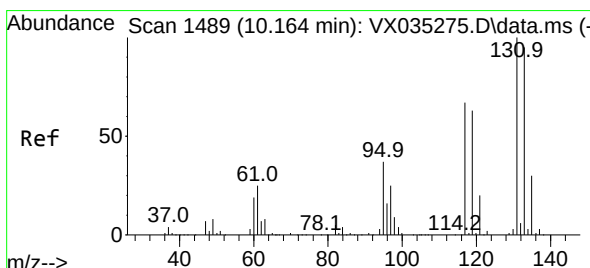
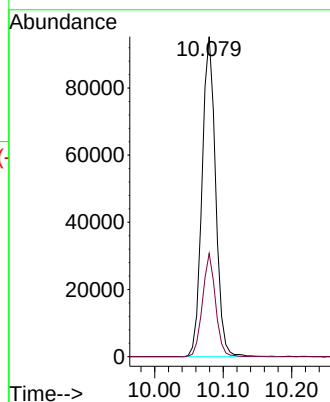
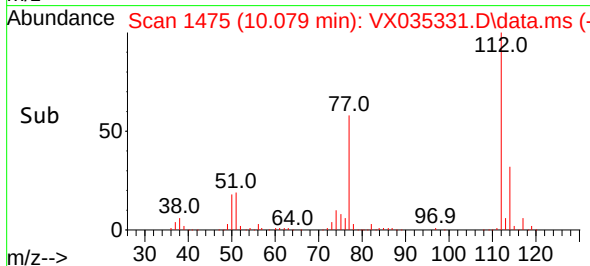
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



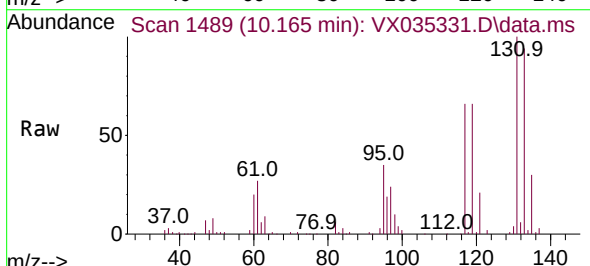
Tgt Ion:112 Resp: 131500
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

Manual Integrations
APPROVED

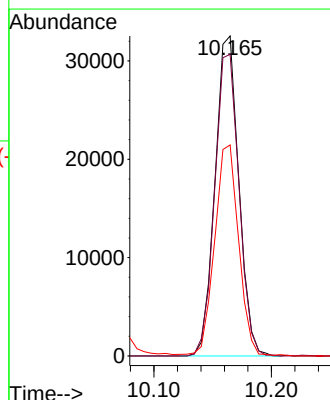
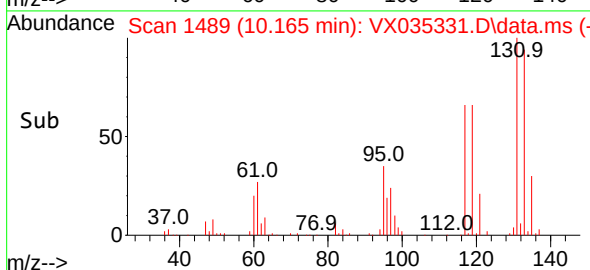
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023

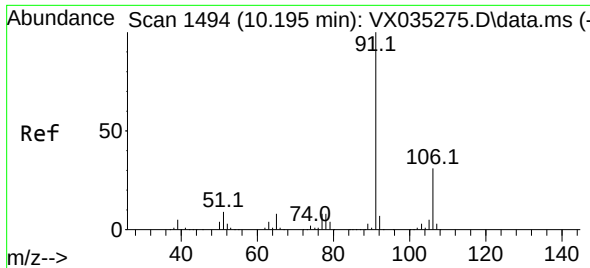


#66
1,1,1,2-Tetrachloroethane
Concen: 16.153 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19



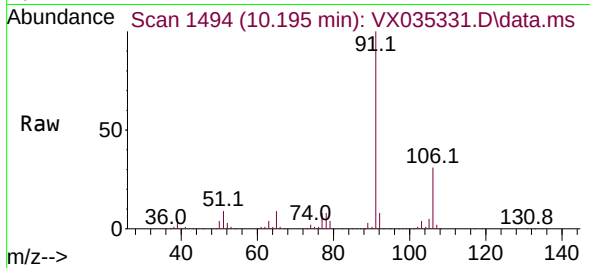
Tgt Ion:131 Resp: 45758
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 66.7 32.6 98.0





#67
Ethyl Benzene
Concen: 16.344 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

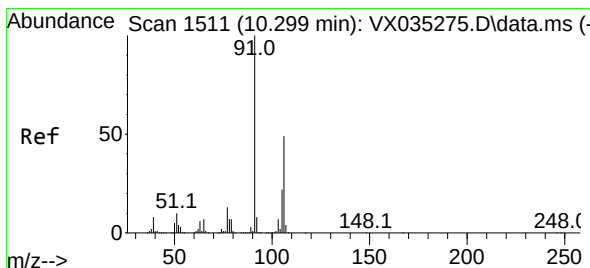
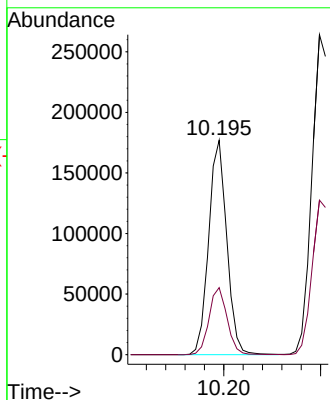
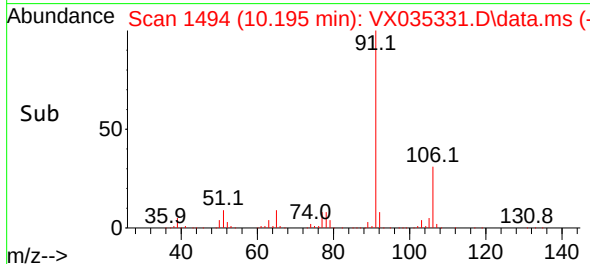
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



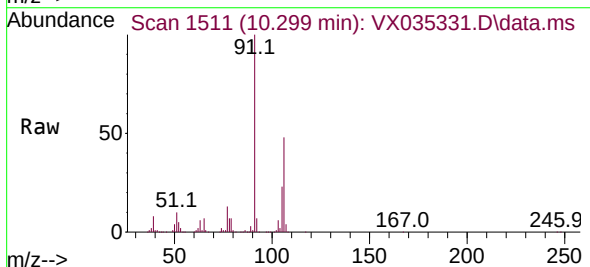
Tgt Ion: 91 Resp: 230380
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

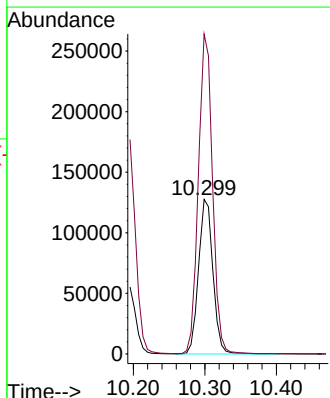
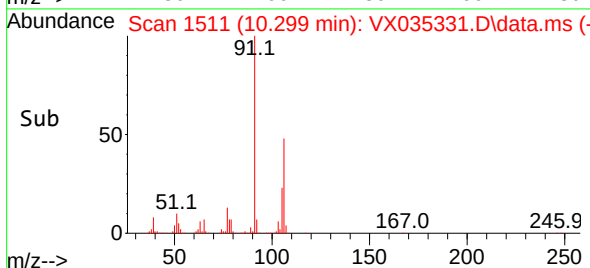
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023

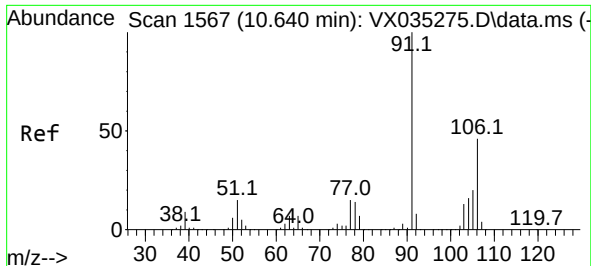


#68
m/p-Xylenes
Concen: 32.862 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19



Tgt Ion:106 Resp: 177498
Ion Ratio Lower Upper
106 100
91 204.9 164.0 246.0





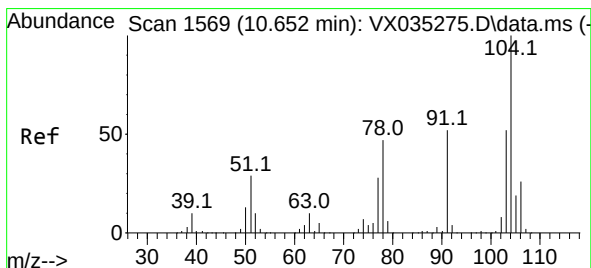
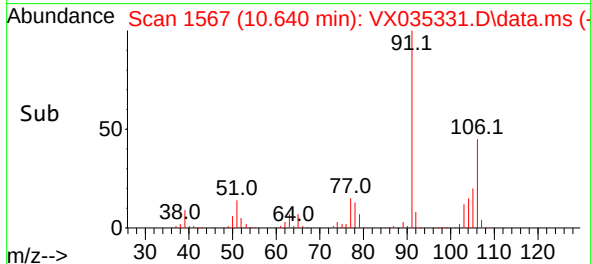
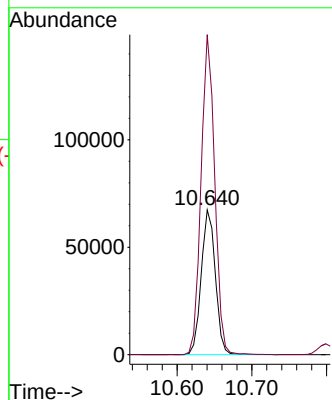
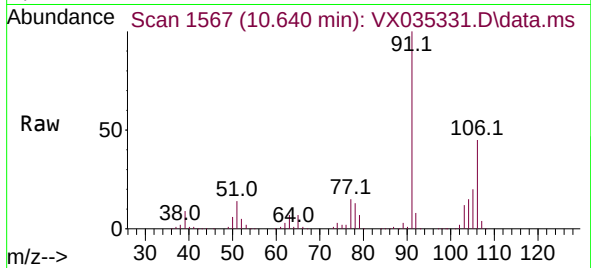
#69
o-Xylene
Concen: 16.655 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion:106 Resp: 8821
Ion Ratio Lower Upper
106 100
91 214.0 108.5 325.3

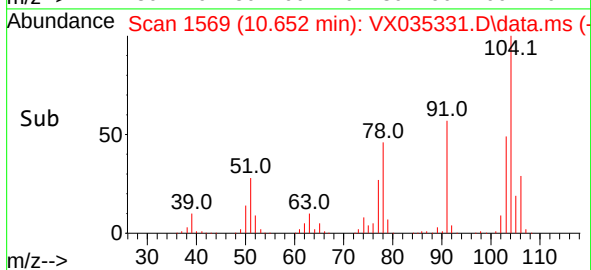
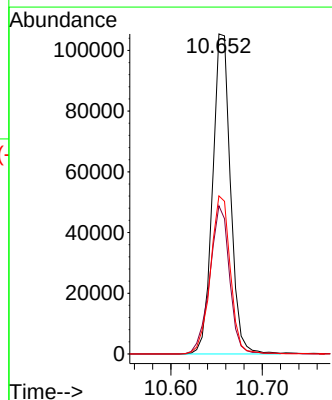
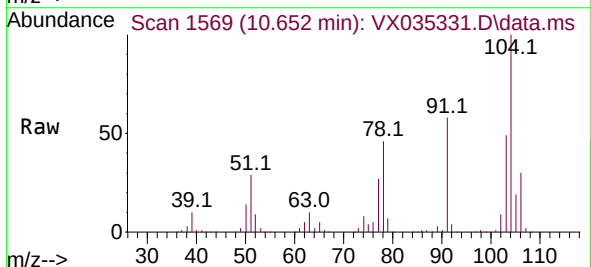
Manual Integrations
APPROVED

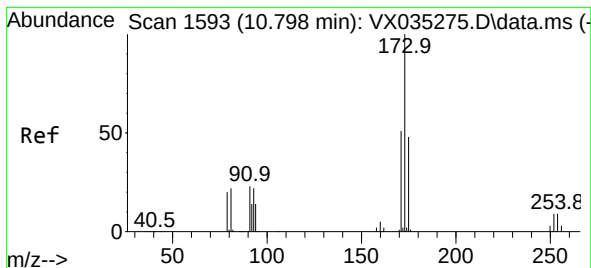
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
Styrene
Concen: 16.710 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion:104 Resp: 143498
Ion Ratio Lower Upper
104 100
78 51.1 43.4 65.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 15.851 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

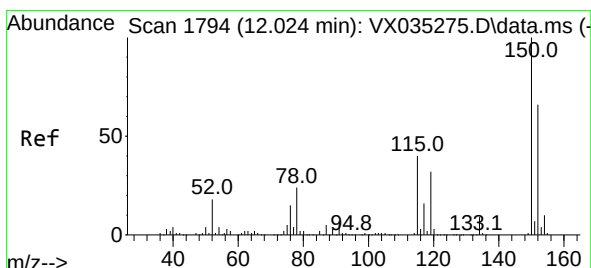
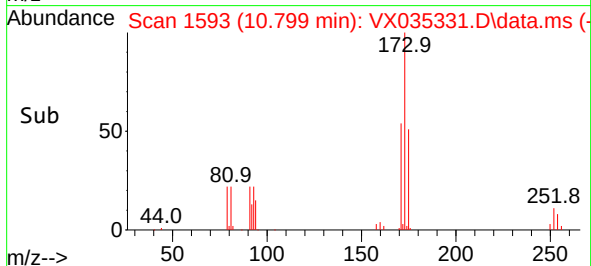
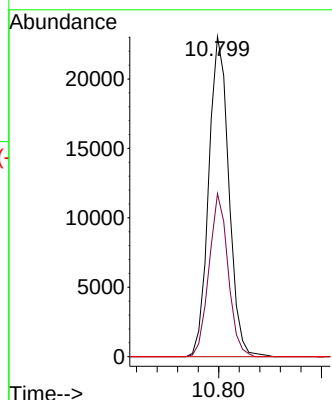
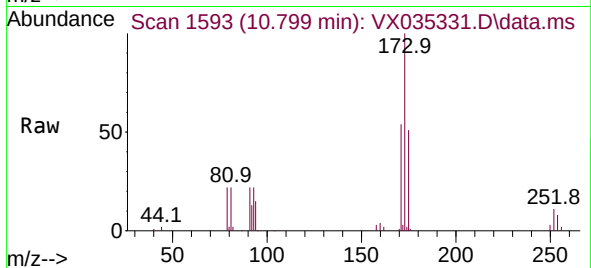
Tgt Ion:173	Resp:	3123
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

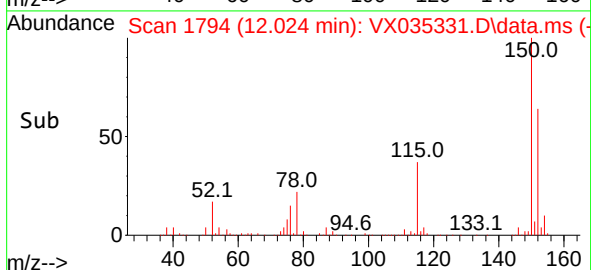
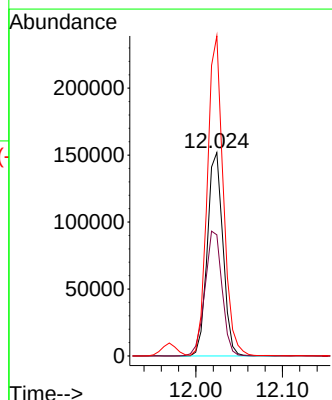
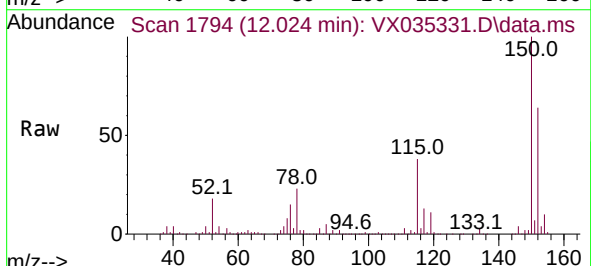
RT: 12.024 min Scan# 1794

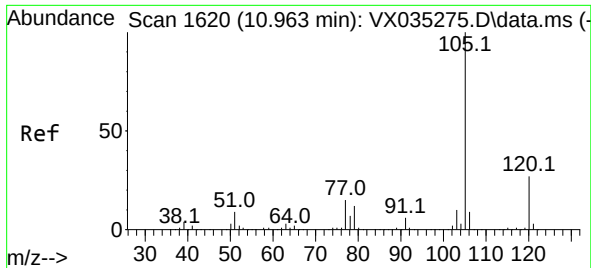
Delta R.T. 0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

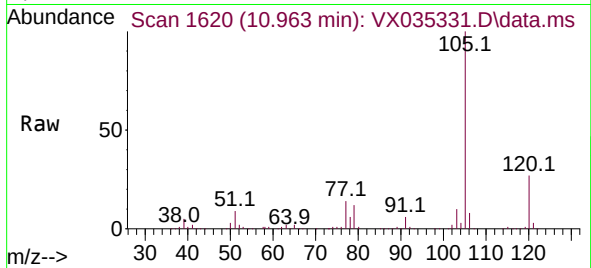
Tgt Ion:152	Resp:	189949
Ion Ratio	Lower	Upper
152	100	
115	67.2	45.0 135.0
150	160.5	0.0 352.4





#73
Isopropylbenzene
Concen: 16.679 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

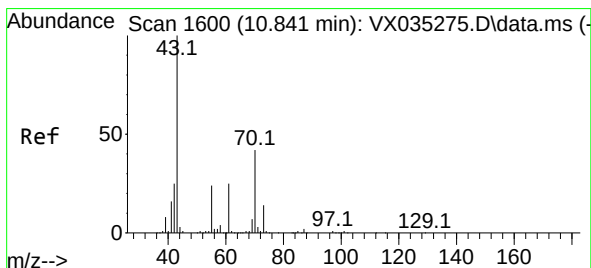
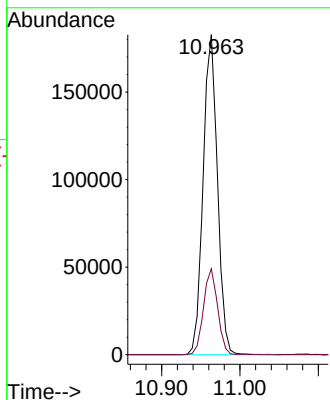
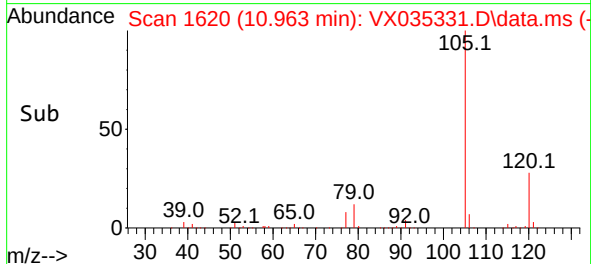
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion: 105 Resp: 23158
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

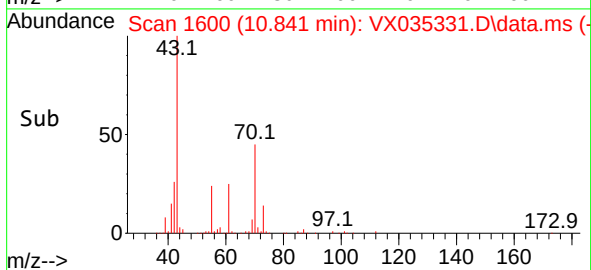
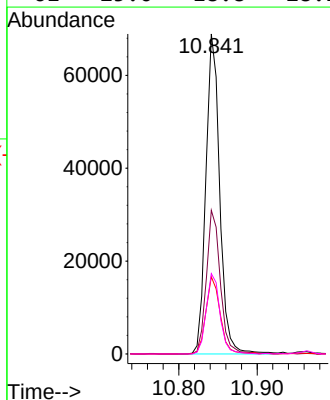
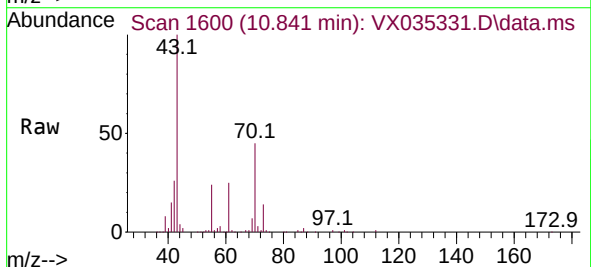
Manual Integrations
APPROVED

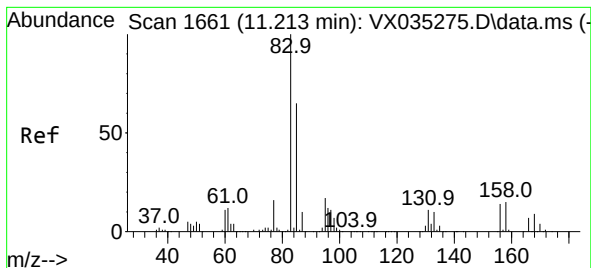
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#74
N-ethyl acetate
Concen: 16.163 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 43 Resp: 84338
Ion Ratio Lower Upper
43 100
70 45.4 32.1 48.1
55 25.0 18.3 27.5
61 25.0 18.8 28.2





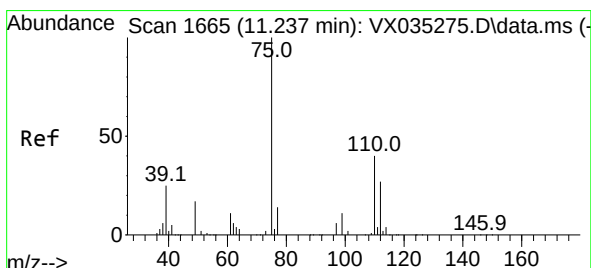
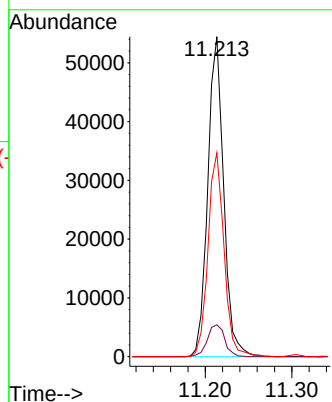
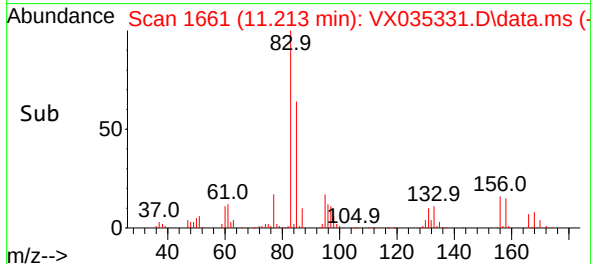
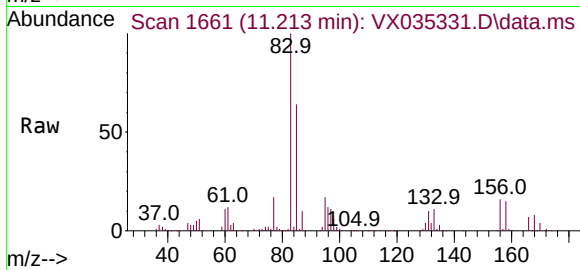
#75
1,1,2,2-Tetrachloroethane
Concen: 16.116 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion: 83 Resp: 69450
Ion Ratio Lower Upper
83 100
131 10.9 4.8 14.3
85 64.2 32.0 96.0

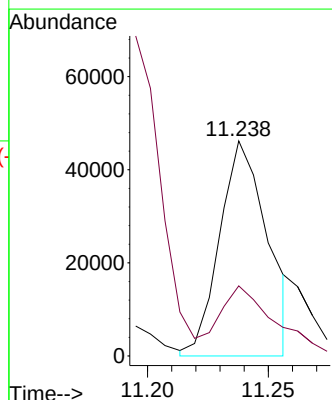
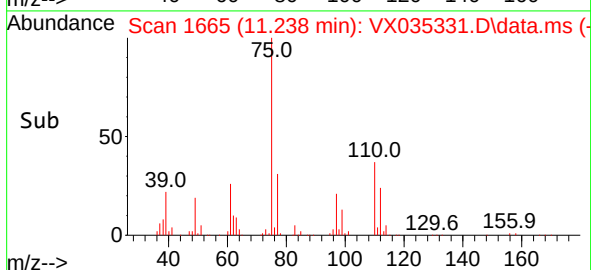
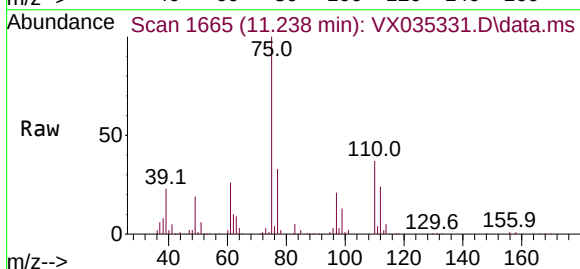
Manual Integrations
APPROVED

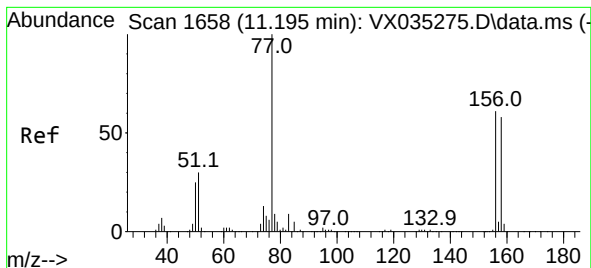
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#76
1,2,3-Trichloropropane
Concen: 16.796 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 75 Resp: 63641
Ion Ratio Lower Upper
75 100
77 38.2 21.6 64.8





#77

Bromobenzene

Concen: 16.563 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

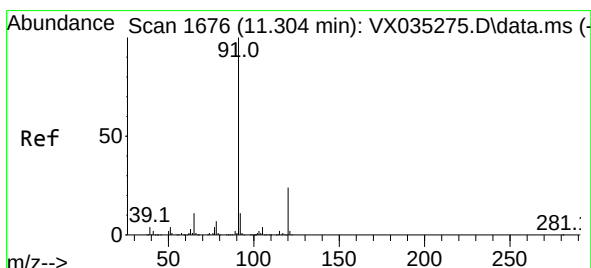
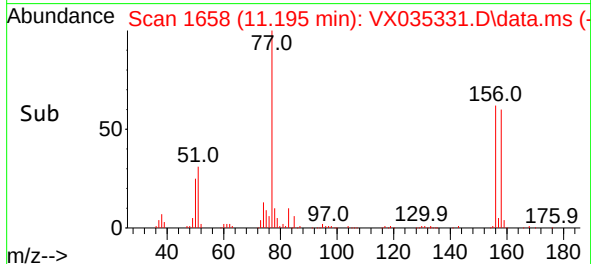
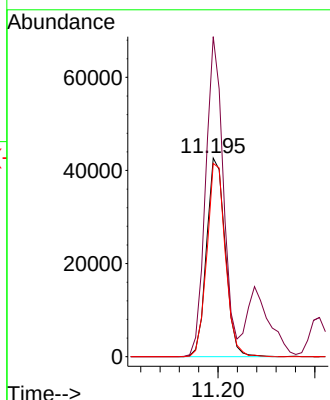
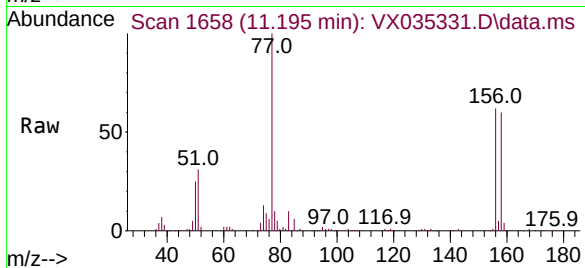
Tgt Ion:	156	Resp:	57160
Ion Ratio	Lower	Upper	
156	100		
77	152.8	86.7	259.9
158	96.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#78

n-propylbenzene

Concen: 16.499 ug/l

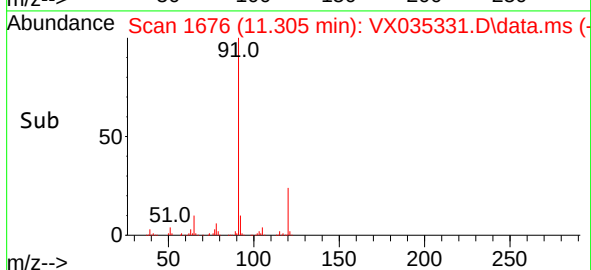
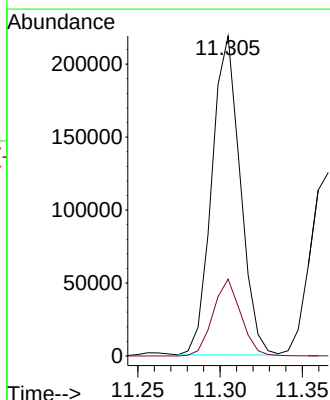
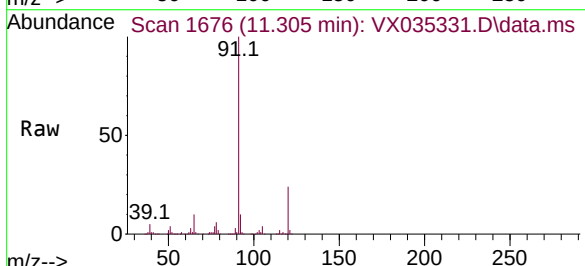
RT: 11.305 min Scan# 1676

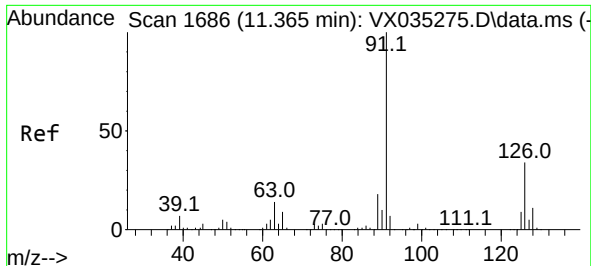
Delta R.T. 0.001 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Tgt Ion:	91	Resp:	263114
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.5





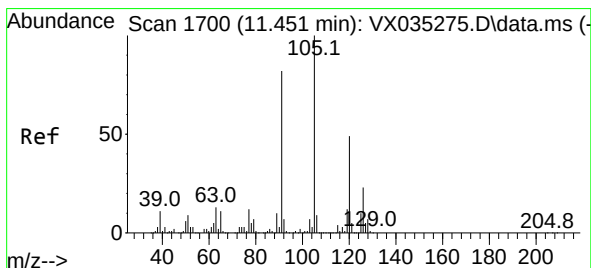
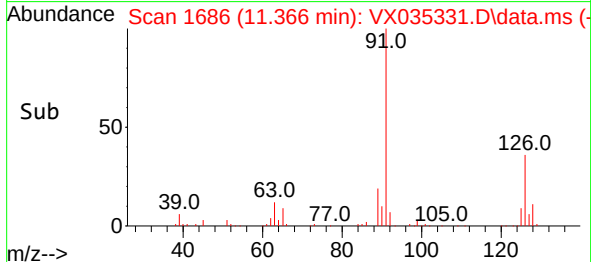
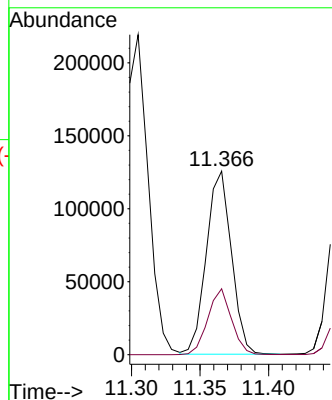
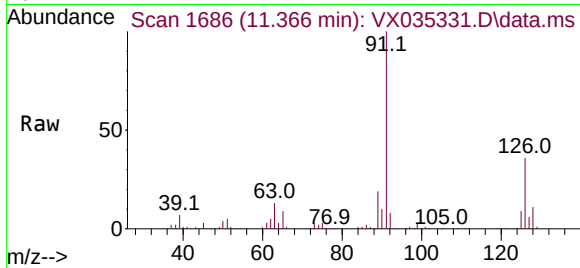
#79
2-Chlorotoluene
Concen: 16.028 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion: 91 Resp: 159719
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.9

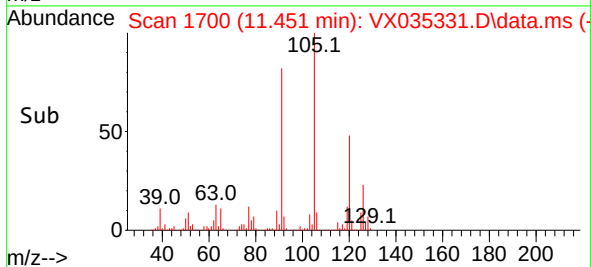
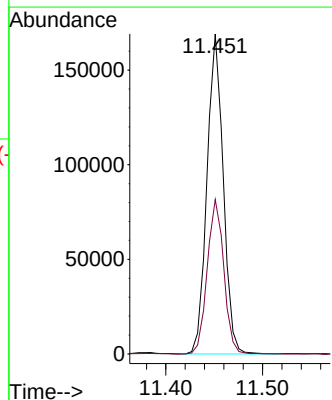
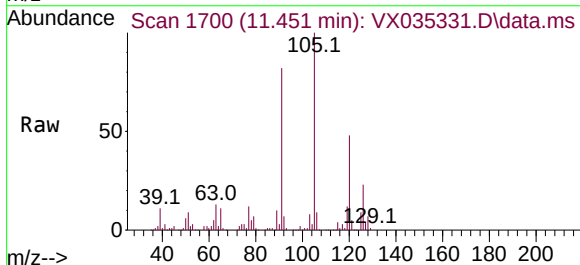
Manual Integrations
APPROVED

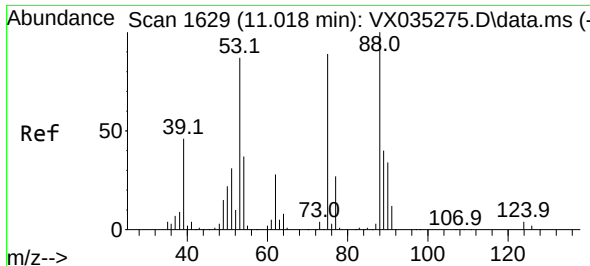
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.918 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion:105 Resp: 198068
Ion Ratio Lower Upper
105 100
120 49.1 23.7 71.1





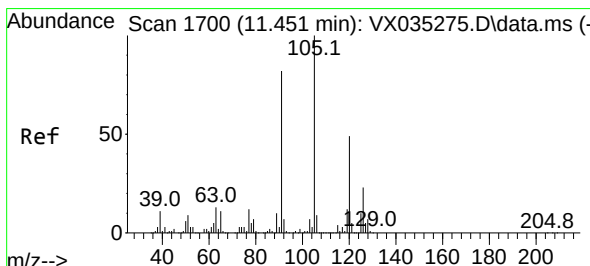
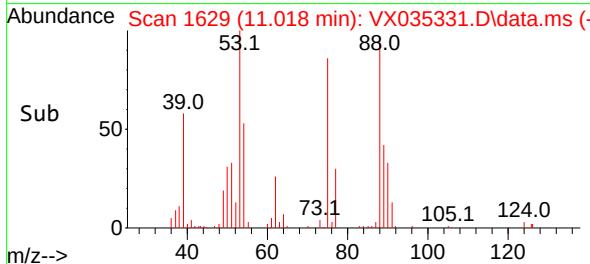
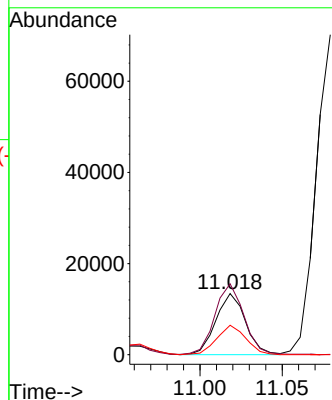
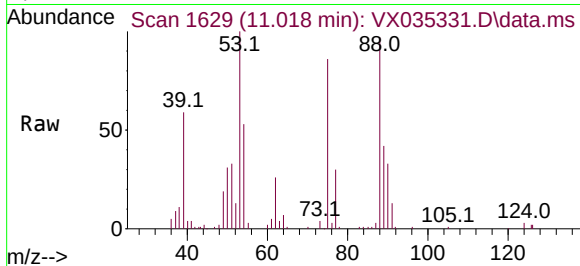
#81
trans-1,4-Dichloro-2-butene
Concen: 14.371 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion: 75 Resp: 1681
Ion Ratio Lower Upper
75 100
53 114.5 82.6 124.0
89 47.3 36.9 55.3

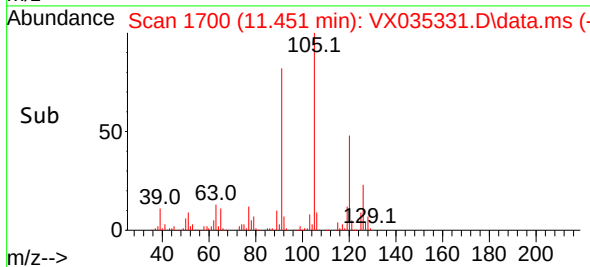
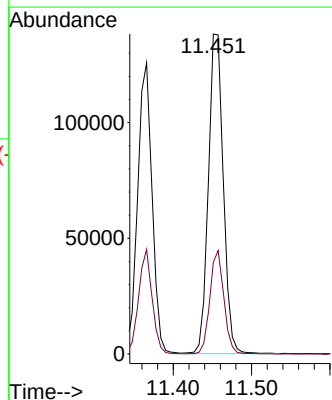
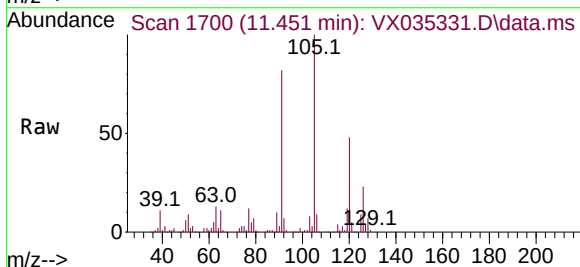
Manual Integrations
APPROVED

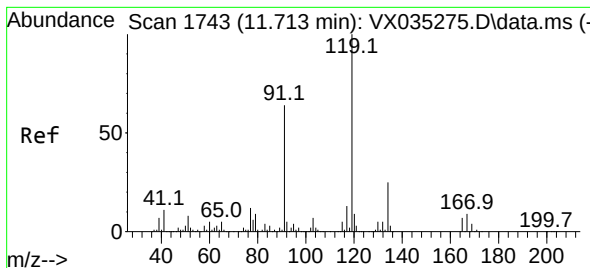
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
4-Chlorotoluene
Concen: 16.292 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion: 91 Resp: 182340
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 16.199 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

Tgt Ion:119 Resp: 19028

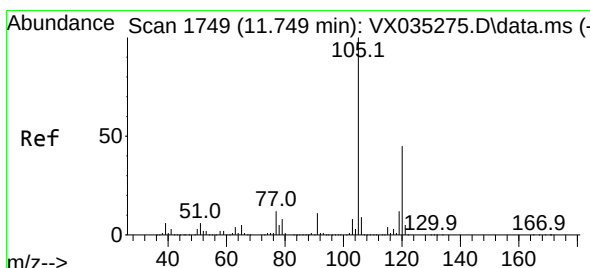
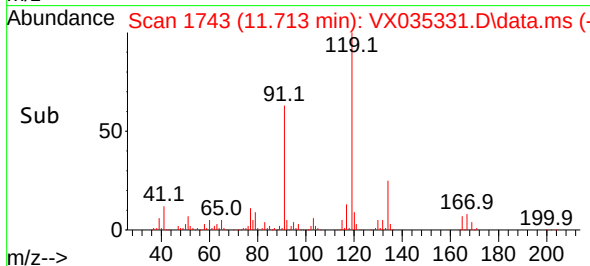
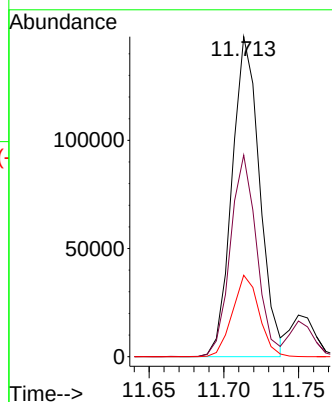
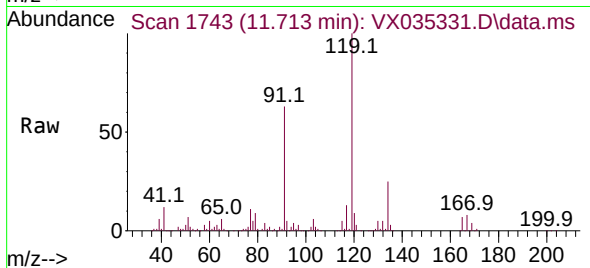
Ion	Ratio	Lower	Upper
119	100		
91	60.0	30.6	92.0
134	24.5	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#84

1,2,4-Trimethylbenzene

Concen: 16.641 ug/l

RT: 11.750 min Scan# 1749

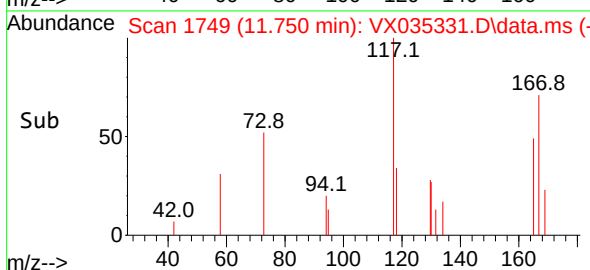
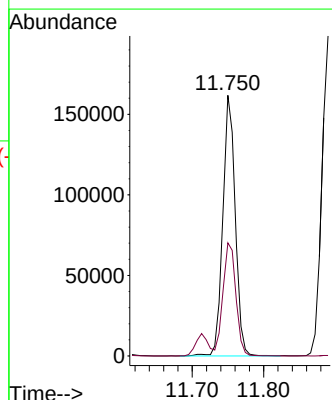
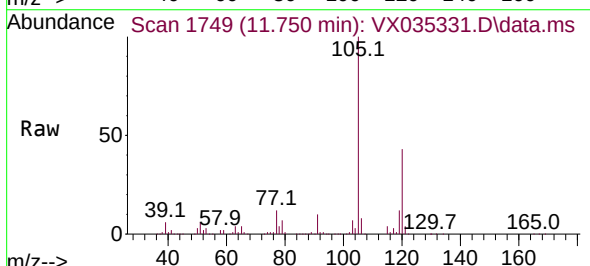
Delta R.T. 0.001 min

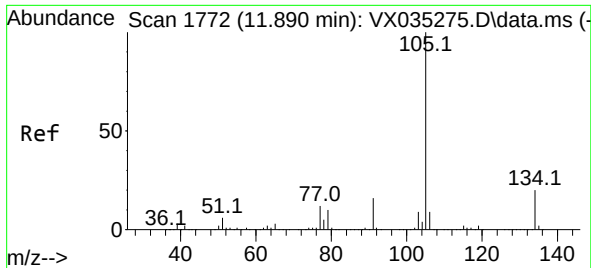
Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Tgt Ion:105 Resp: 195758

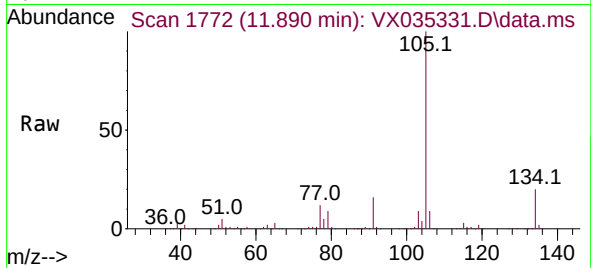
Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 16.463 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035331.D
 Acq: 27 Apr 2023 11:19

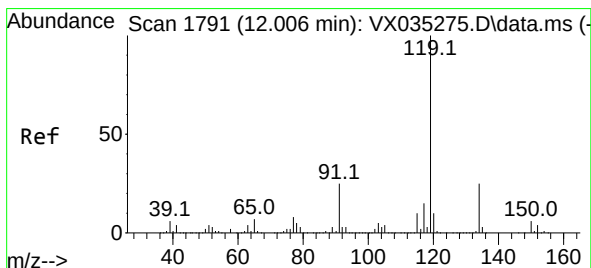
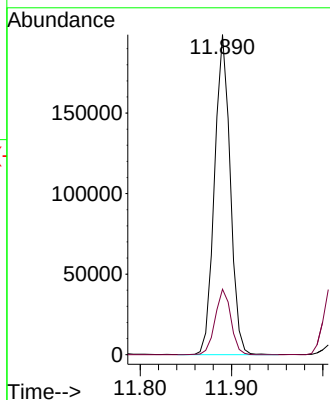
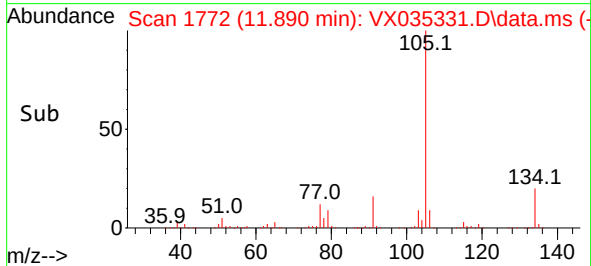
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS01



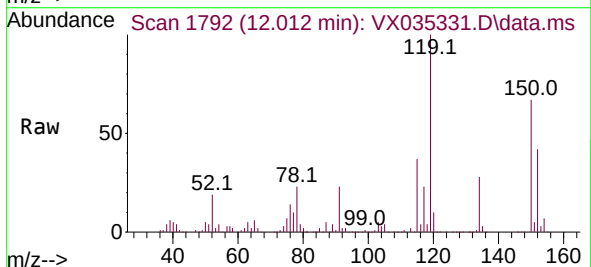
Tgt Ion:105 Resp: 237220
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

Manual Integrations
 APPROVED

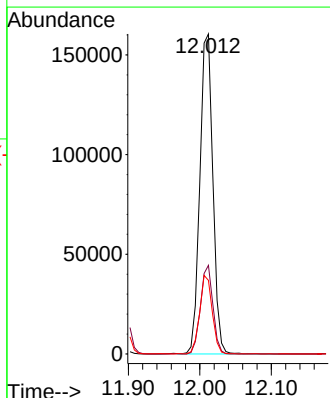
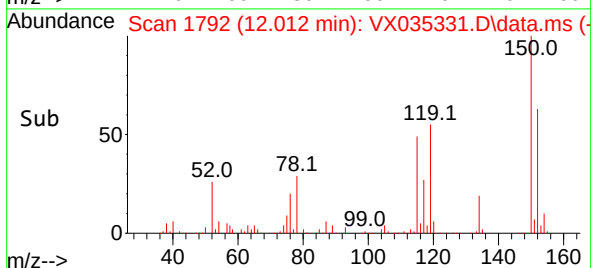
Reviewed By :John Carlone 04/27/2023
 Supervised By :Mahesh Dadoda 04/28/2023

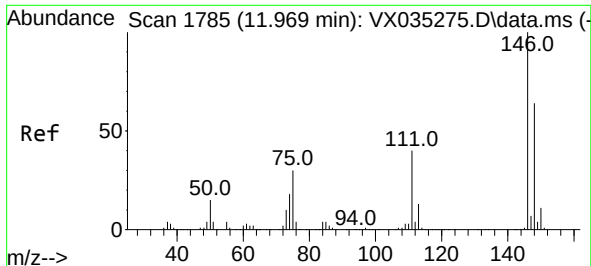


#86
 p-Isopropyltoluene
 Concen: 16.554 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035331.D
 Acq: 27 Apr 2023 11:19



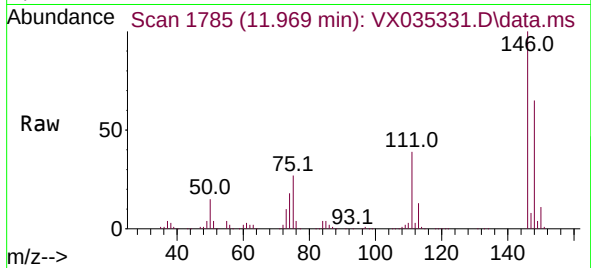
Tgt Ion:119 Resp: 202872
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 23.8 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 16.268 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

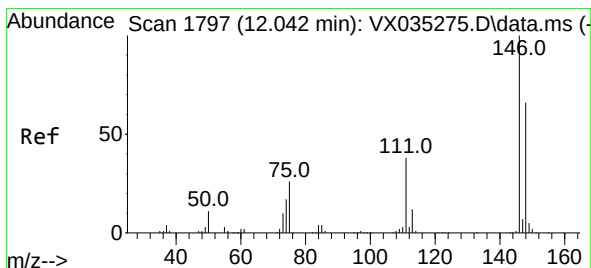
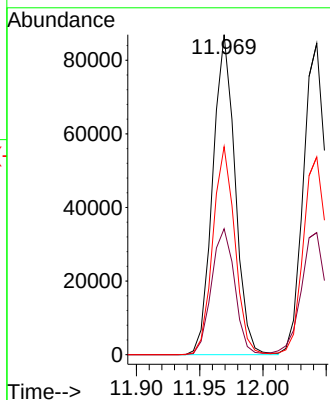
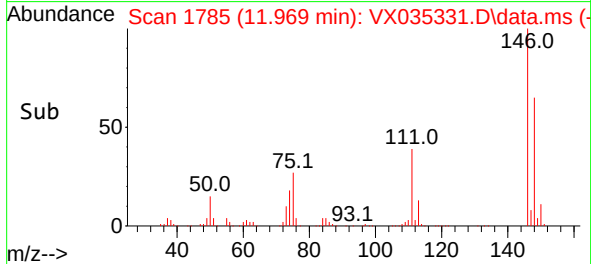
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



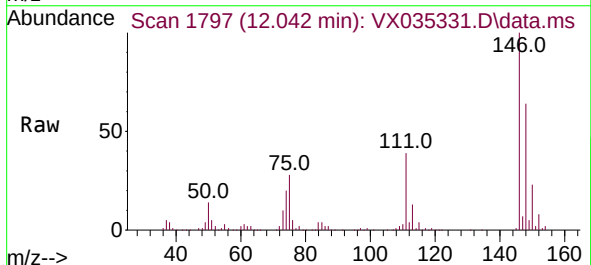
Tgt Ion:146 Resp: 10670
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 64.0 31.6 95.0

Manual Integrations
APPROVED

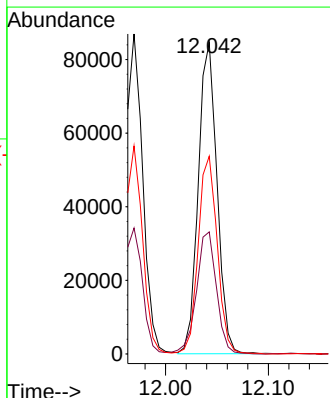
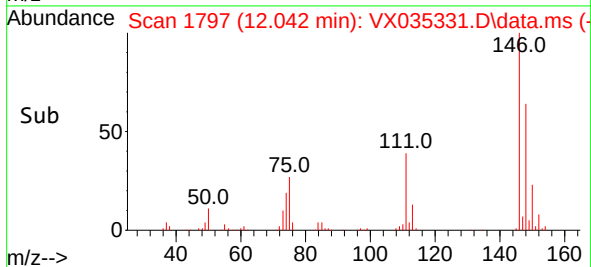
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023

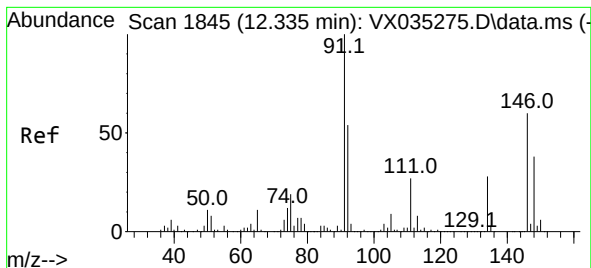


#88
1,4-Dichlorobenzene
Concen: 15.600 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19



Tgt Ion:146 Resp: 107285
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.9
148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 15.963 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035331.D

Acq: 27 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS01

Tgt Ion: 91 Resp: 165139

Ion Ratio Lower Upper

91 100

92 54.6 27.7 83.0

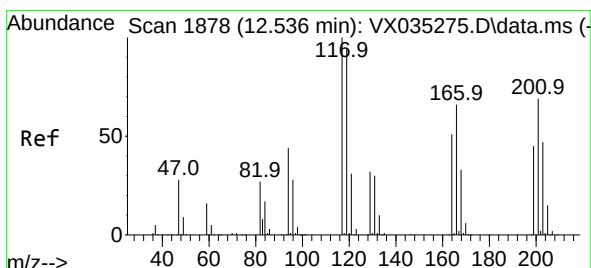
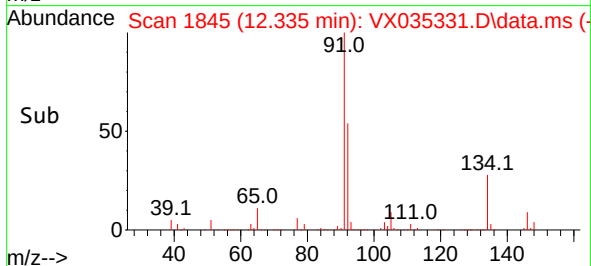
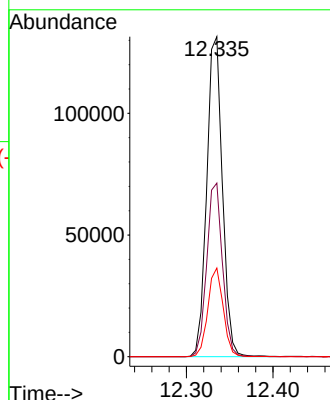
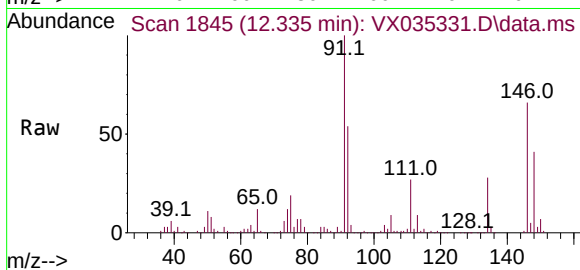
134 27.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2023

Supervised By :Mahesh Dadoda 04/28/2023



#90

Hexachloroethane

Concen: 15.753 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035331.D

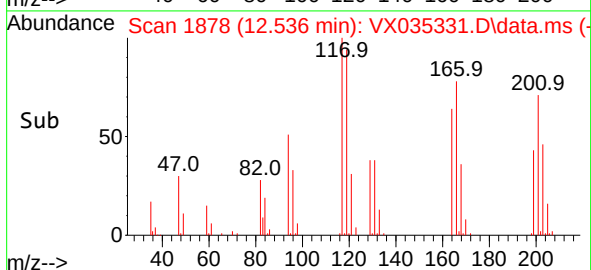
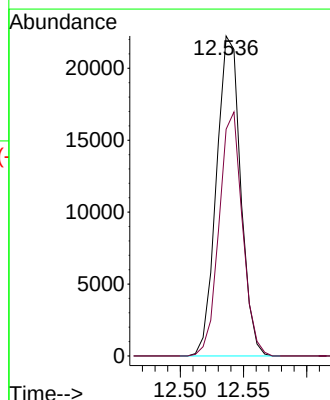
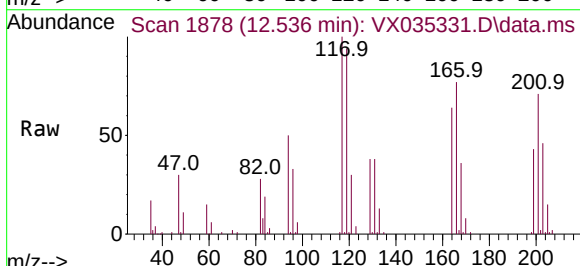
Acq: 27 Apr 2023 11:19

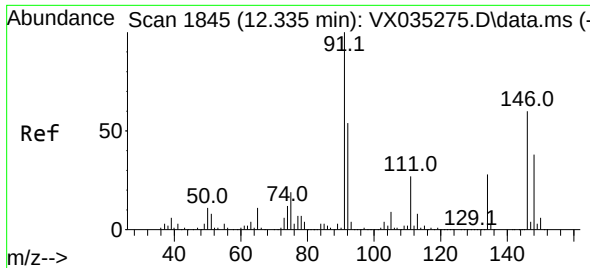
Tgt Ion:117 Resp: 29553

Ion Ratio Lower Upper

117 100

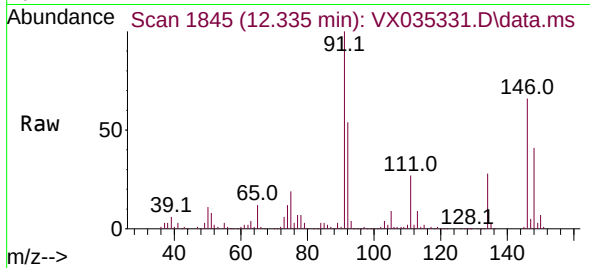
201 73.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 16.055 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

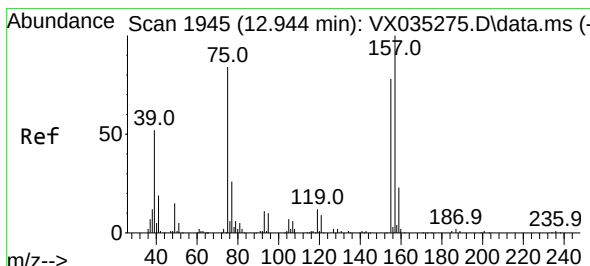
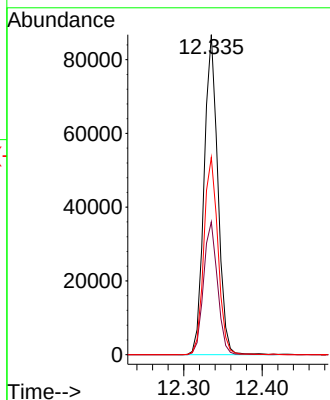
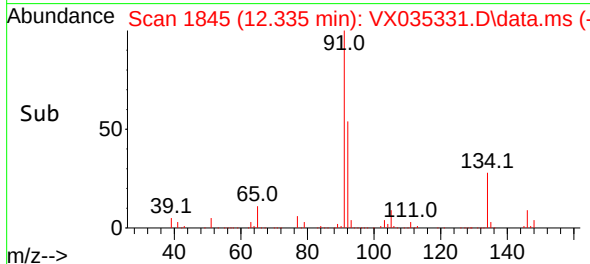
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



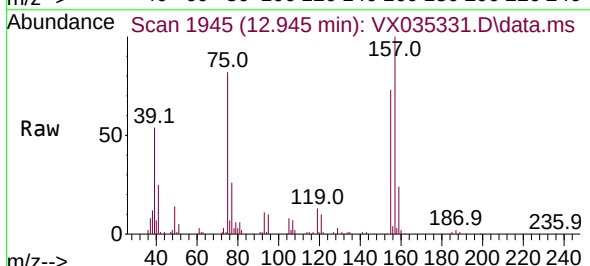
Tgt Ion:146 Resp: 10532
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 63.3 32.0 96.0

Manual Integrations
APPROVED

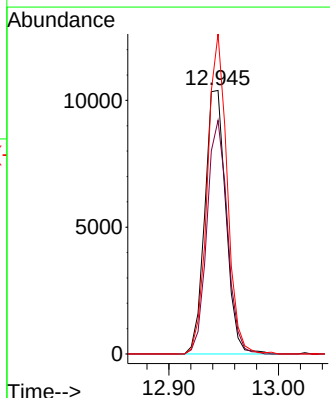
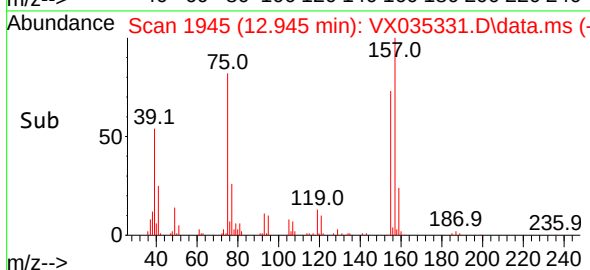
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023

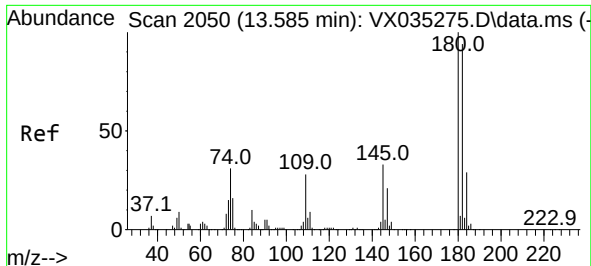


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.066 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19



Tgt Ion: 75 Resp: 13884
Ion Ratio Lower Upper
75 100
155 85.9 38.4 115.1
157 113.3 49.9 149.7





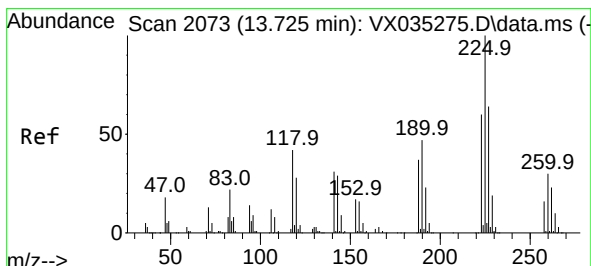
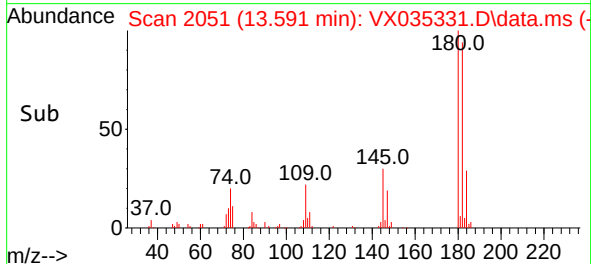
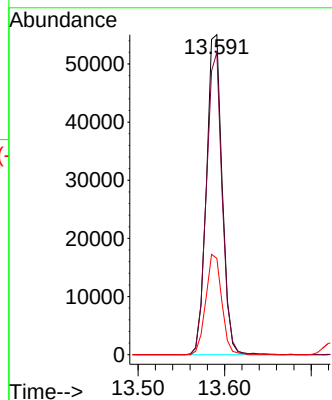
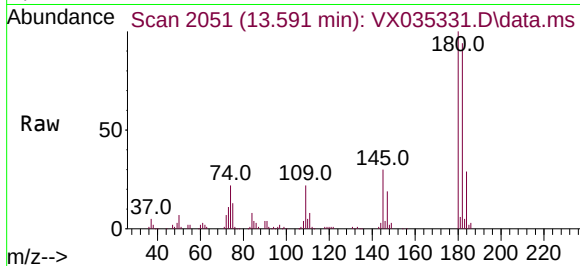
#93
1,2,4-Trichlorobenzene
Concen: 16.823 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01

Tgt Ion:180 Resp: 6937
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 31.7 15.9 47.7

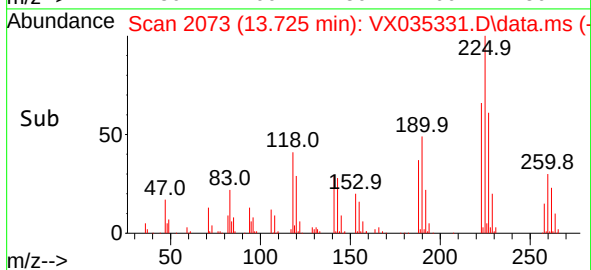
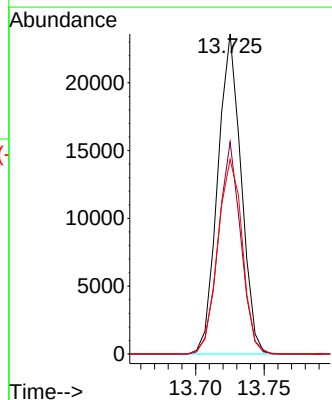
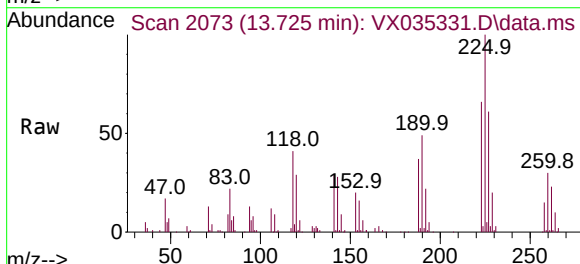
Manual Integrations
APPROVED

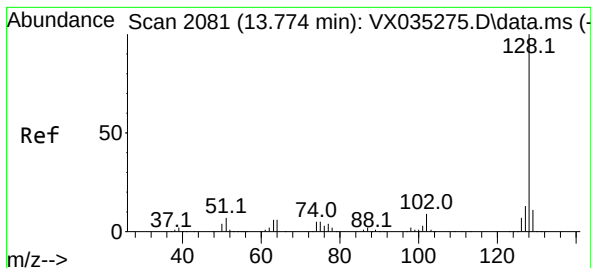
Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#94
Hexachlorobutadiene
Concen: 15.444 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

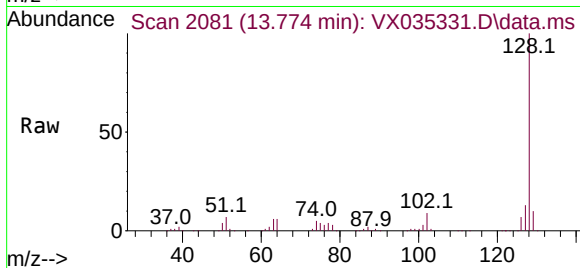
Tgt Ion:225 Resp: 27950
Ion Ratio Lower Upper
225 100
223 63.5 32.1 96.5
227 64.0 31.8 95.4





#95
Naphthalene
Concen: 17.433 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

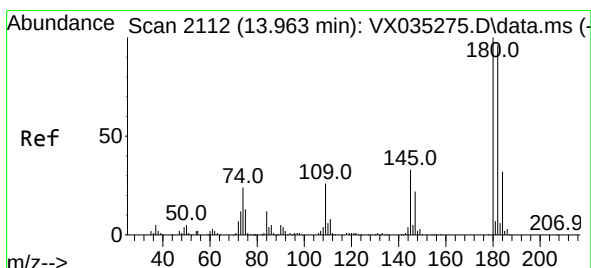
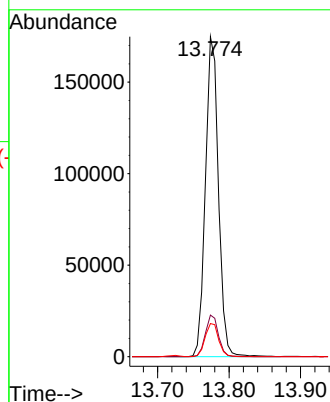
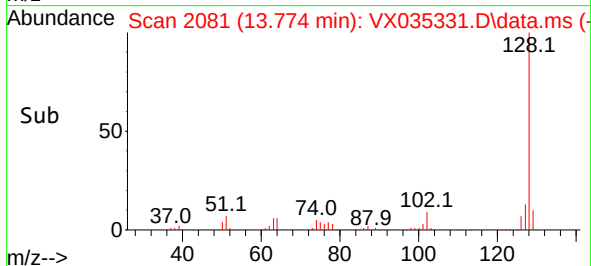
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS01



Tgt Ion:128 Resp: 22130
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.295 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035331.D
Acq: 27 Apr 2023 11:19

Tgt Ion:180 Resp: 67643
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.2
145 34.7 17.7 53.1

