

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027777.D
 Acq On : 29 Mar 2022 16:25
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/30/2022
 Supervised By : Mahesh Dadoda 03/30/2022

Quant Time: Mar 29 18:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 17:59:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	80680	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	129554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	4984	3.827	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	7.660%	#	
35) Dibromofluoromethane	5.391	113	4257	4.904	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.800%	#	
50) Toluene-d8	8.653	98	14709	4.462	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	8.920%	#	
62) 4-Bromofluorobenzene	11.085	95	5824	4.305	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	8.600%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3184	3.518	ug/l	99
3) Chloromethane	1.294	50	3053	3.298	ug/l	99
4) Vinyl Chloride	1.374	62	3099	3.471	ug/l	96
5) Bromomethane	1.599	94	1567	4.288	ug/l	96
6) Chloroethane	1.678	64	2264	3.910	ug/l	93
7) Trichlorofluoromethane	1.886	101	5666	4.174	ug/l	98
8) Diethyl Ether	2.136	74	2020	4.133	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	3680	4.056	ug/l	95
10) Methyl Iodide	2.453	142	3658	4.081	ug/l	96
11) Tert butyl alcohol	2.965	59	4954	20.795	ug/l	99
12) 1,1-Dichloroethene	2.319	96	3512	4.211	ug/l	94
13) Acrolein	2.239	56	3892	22.608	ug/l	97
14) Allyl chloride	2.660	41	6290	4.035	ug/l #	84
15) Acrylonitrile	3.062	53	11963	20.470	ug/l	98
16) Acetone	2.380	43	9577	17.231	ug/l	100
17) Carbon Disulfide	2.508	76	6734	3.110	ug/l	99
18) Methyl Acetate	2.703	43	5965	4.327	ug/l #	83
19) Methyl tert-butyl Ether	3.117	73	13706	4.452	ug/l	97
20) Methylene Chloride	2.794	84	4101	4.213	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	3607	3.877	ug/l	84
22) Diisopropyl ether	3.770	45	13674	4.397	ug/l #	90
23) Vinyl Acetate	3.727	43	56767	20.987	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	7445	4.243	ug/l	98
25) 2-Butanone	4.562	43	17724	20.511	ug/l	92
26) 2,2-Dichloropropane	4.477	77	5503	4.022	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	4342	4.157	ug/l	88
28) Bromochloromethane	4.904	49	2969	4.193	ug/l #	92
29) Tetrahydrofuran	5.013	42	10786	20.773	ug/l	86
30) Chloroform	5.105	83	7788	4.310	ug/l	99
31) Cyclohexane	5.464	56	5980	3.899	ug/l #	80
32) 1,1,1-Trichloroethane	5.385	97	6667	4.149	ug/l	95
36) 1,1-Dichloropropene	5.696	75	5101	3.863	ug/l	99
37) Ethyl Acetate	4.715	43	7270	4.803	ug/l #	91
38) Carbon Tetrachloride	5.678	117	5415	4.116	ug/l	95
39) Methylcyclohexane	7.385	83	6143	4.083	ug/l	95
40) Benzene	6.044	78	15563	4.247	ug/l	98

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

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 Supervised By : Mahesh Dadoda 03/30/2022

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 17:59:33 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	3517	4.423	ug/l	87
42) 1,2-Dichloroethane	6.092	62	5822	3.754	ug/l	99
43) Isopropyl Acetate	6.342	43	9209	3.921	ug/l	94
44) Trichloroethene	7.129	130	4399	4.574	ug/l	100
45) 1,2-Dichloropropane	7.434	63	3894	4.024	ug/l	91
46) Dibromomethane	7.586	93	2935	4.223	ug/l	95
47) Bromodichloromethane	7.824	83	5813	4.265	ug/l	99
48) Methyl methacrylate	7.696	41	4750	4.102	ug/l	86
49) 1,4-Dioxane	7.665	88	2204	88.326	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	35244	21.879	ug/l	87
52) Toluene	8.720	92	9879	4.295	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	5407	4.004	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	5930	3.969	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	4281	4.529	ug/l	97
56) Ethyl methacrylate	9.116	69	6474	4.223	ug/l #	70
57) 1,3-Dichloropropane	9.311	76	7609	4.502	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	16106	20.594	ug/l	92
59) 2-Hexanone	9.433	43	26663	21.141	ug/l	80
60) Dibromochloromethane	9.525	129	4112	4.451	ug/l	90
61) 1,2-Dibromoethane	9.616	107	4304	4.263	ug/l	98
64) Tetrachloroethene	9.275	164	3989	4.711	ug/l #	76
65) Chlorobenzene	10.079	112	10836	4.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	3888	4.694	ug/l	99
67) Ethyl Benzene	10.195	91	19411	4.419	ug/l	97
68) m/p-Xylenes	10.305	106	14599	9.157	ug/l	88
69) o-Xylene	10.640	106	6997	4.357	ug/l	80
70) Styrene	10.659	104	11554	4.516	ug/l #	92
71) Bromoform	10.799	173	2606	4.334	ug/l #	92
73) Isopropylbenzene	10.963	105	19502	4.721	ug/l	97
74) N-amyl acetate	10.848	43	8158	4.125	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.213	83	6498	4.450	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	6347m	4.544	ug/l	
77) Bromobenzene	11.201	156	4312	4.640	ug/l	80
78) n-propylbenzene	11.305	91	22681	4.632	ug/l	95
79) 2-Chlorotoluene	11.366	91	14882	4.805	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	16634	4.672	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	1337	3.254	ug/l #	56
82) 4-Chlorotoluene	11.457	91	16350	4.583	ug/l	96
83) tert-Butylbenzene	11.713	119	15773	4.793	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	16654	4.613	ug/l	96
85) sec-Butylbenzene	11.890	105	19547	4.556	ug/l	98
86) p-Isopropyltoluene	12.012	119	15829	4.665	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	8431	4.868	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	8477	4.720	ug/l	90
89) n-Butylbenzene	12.335	91	13376	4.175	ug/l	97
90) Hexachloroethane	12.542	117	2246	4.145	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	8245	4.912	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1333	3.706	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	4869	4.973	ug/l	96
94) Hexachlorobutadiene	13.725	225	2054	4.322	ug/l	97
95) Naphthalene	13.780	128	16028	4.437	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	4572	4.632	ug/l	96

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

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Quant Title : SW846 8260
QLast Update : Tue Mar 29 17:59:33 2022
Response via : Initial Calibration

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

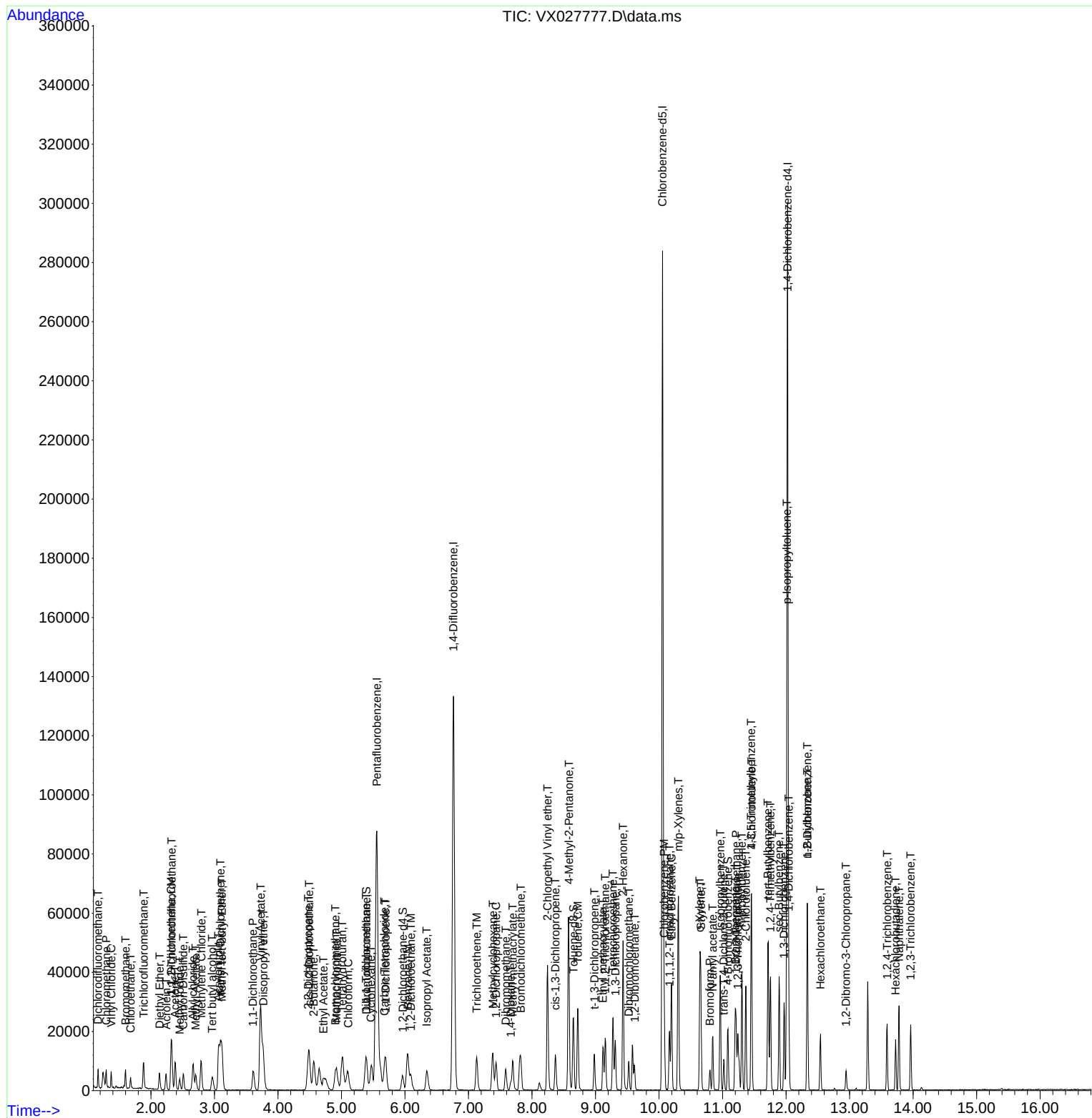
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Data File : VX027777.D
Acq On : 29 Mar 2022 16:25
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

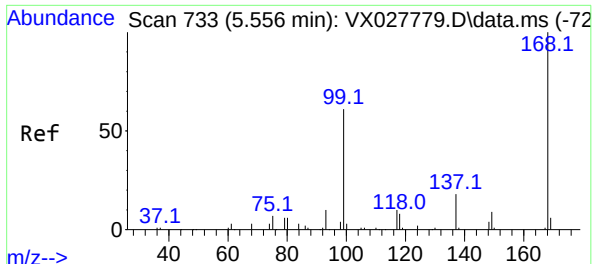
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

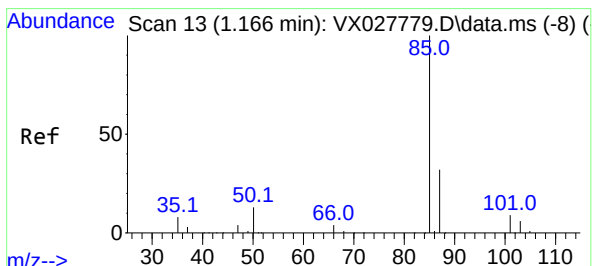
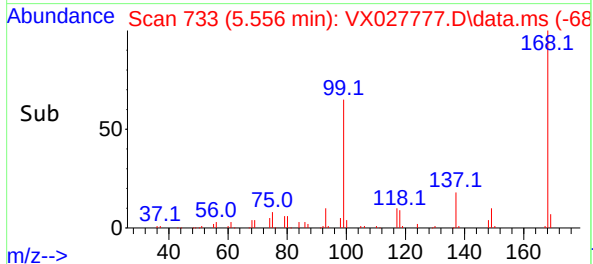
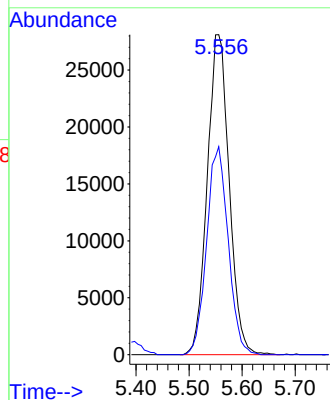
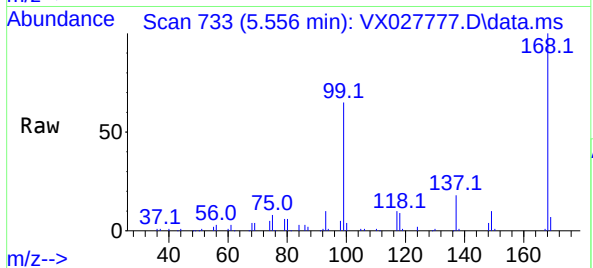
Tgt Ion:168 Resp: 80680
Ion Ratio Lower Upper
168 100
99 65.0 41.7 62.5

Manual Integrations

APPROVED

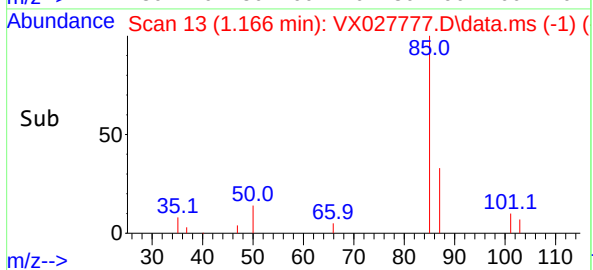
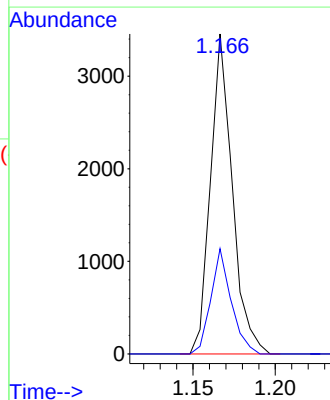
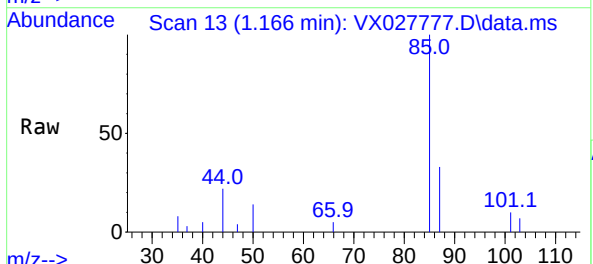
Reviewed By :John Carlone 03/30/2022

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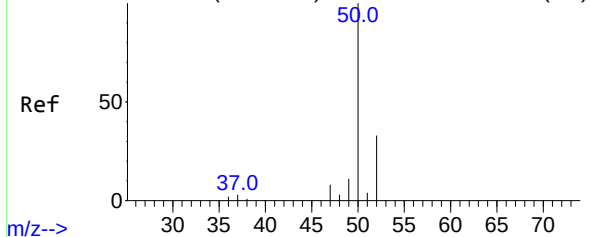


#2
Dichlorodifluoromethane
Concen: 3.518 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 85 Resp: 3184
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6



Abundance Scan 34 (1.294 min): VX027779.D\data.ms (-29)



#3

Chloromethane

Concen: 3.298 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 305

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6

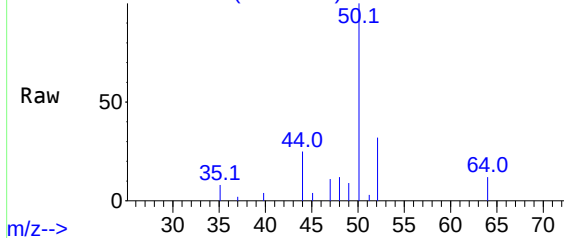
Manual Integrations

APPROVED

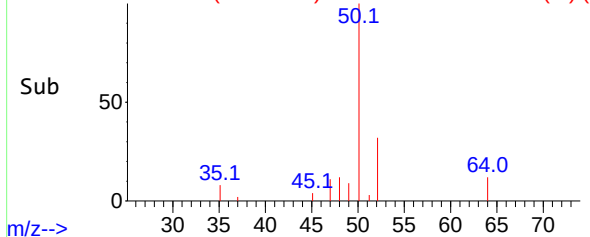
Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022

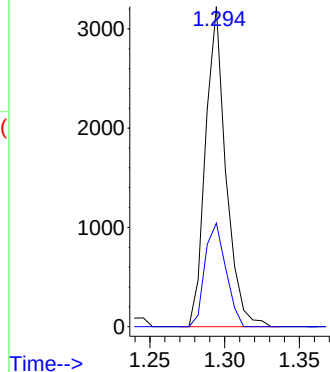
Abundance Scan 34 (1.294 min): VX027777.D\data.ms



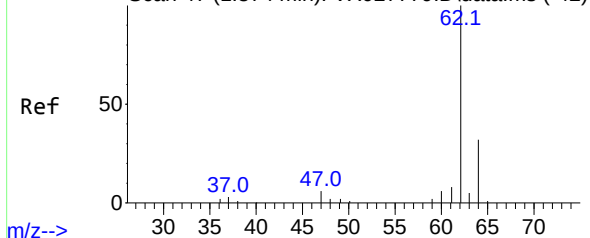
Abundance Scan 34 (1.294 min): VX027777.D\data.ms (-1) (



Abundance



Abundance Scan 47 (1.374 min): VX027779.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 3.471 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

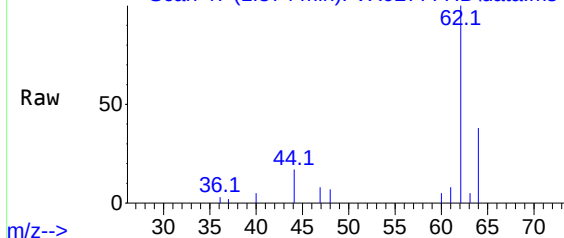
Tgt Ion: 62 Resp: 3099

Ion Ratio Lower Upper

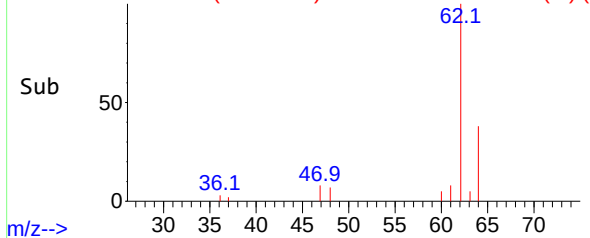
62 100

64 34.0 25.5 38.3

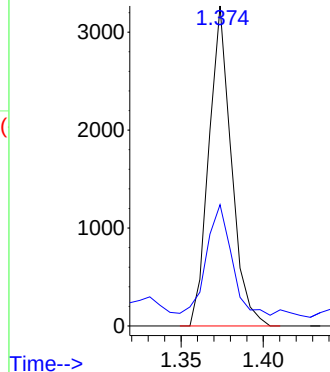
Abundance Scan 47 (1.374 min): VX027777.D\data.ms

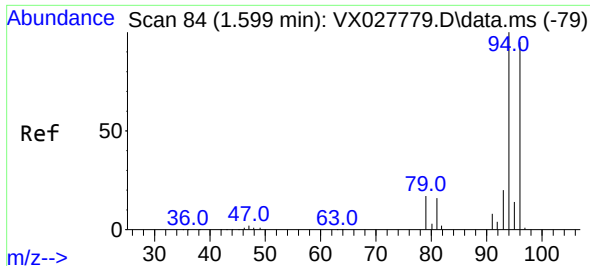


Abundance Scan 47 (1.374 min): VX027777.D\data.ms (-1) (



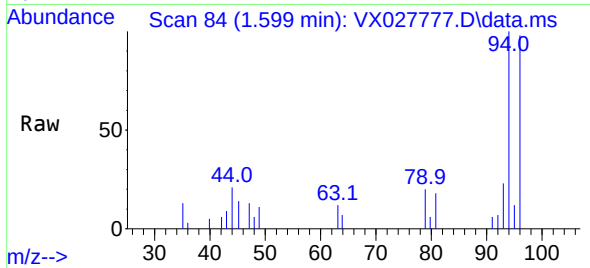
Abundance





#5
Bromomethane
Concen: 4.288 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

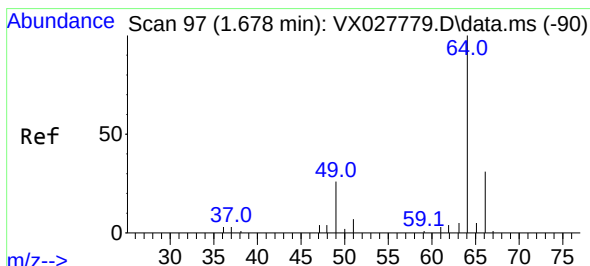
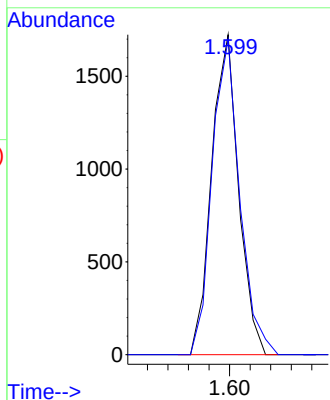
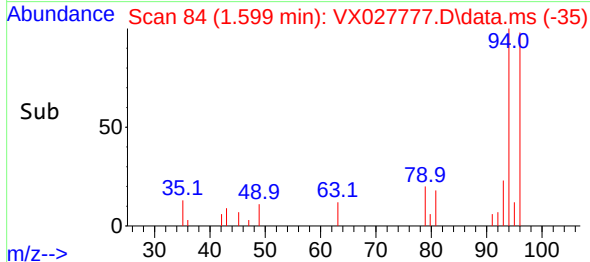
Instrument :
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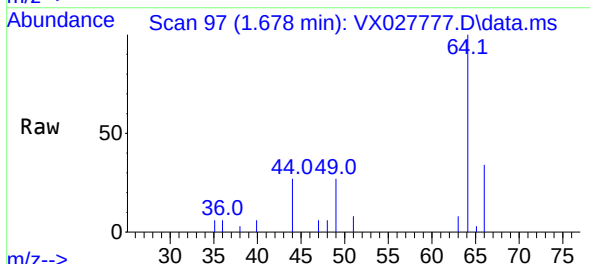
Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 98.4 75.3 112.9

Manual Integrations
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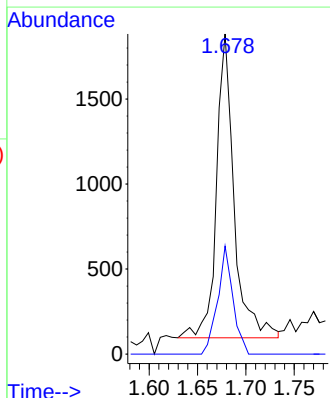
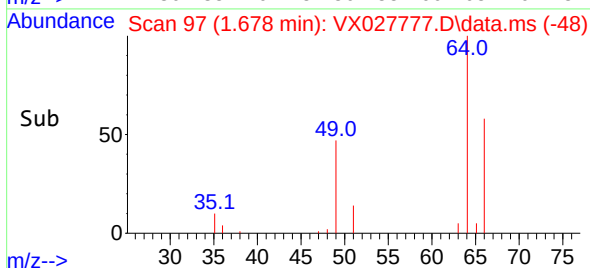
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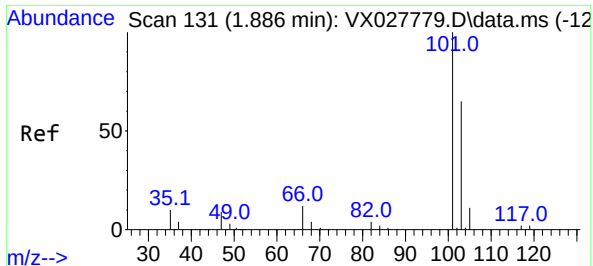


#6
Chloroethane
Concen: 3.910 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



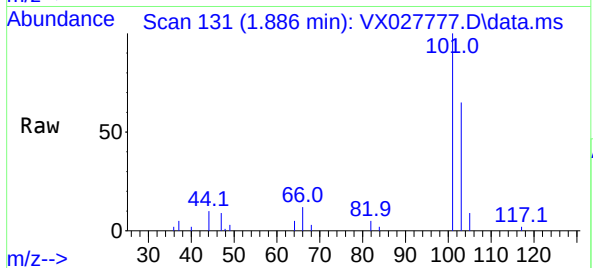
Tgt Ion: 64 Resp: 2264
Ion Ratio Lower Upper
64 100
66 35.5 25.3 37.9





#7
Trichlorofluoromethane
Concen: 4.174 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

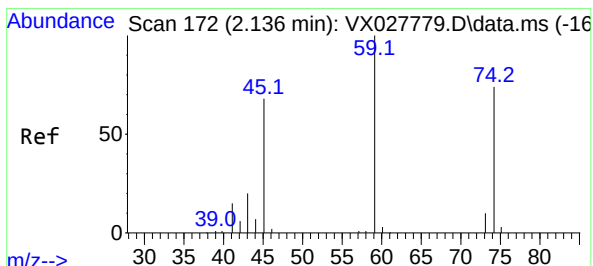
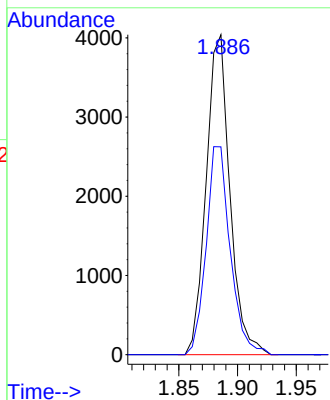
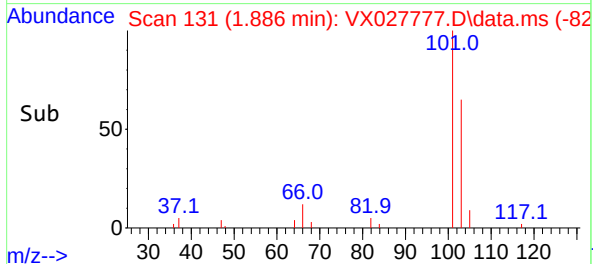
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



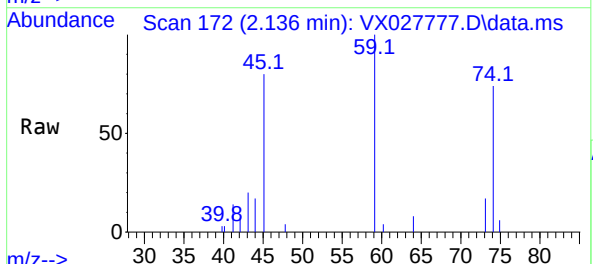
Tgt Ion:101 Resp: 566
Ion Ratio Lower Upper
101 100
103 65.0 50.5 75.7

Manual Integrations
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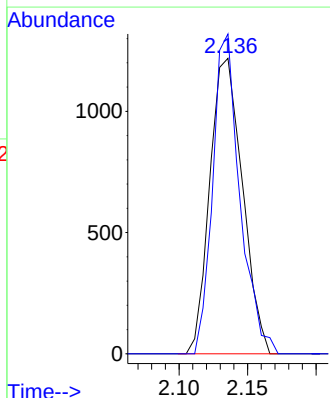
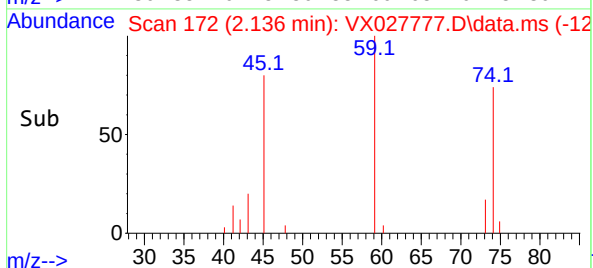
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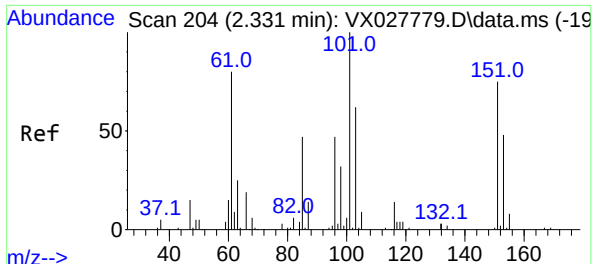


#8
Diethyl Ether
Concen: 4.133 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



Tgt Ion: 74 Resp: 2020
Ion Ratio Lower Upper
74 100
45 90.1 42.0 126.0





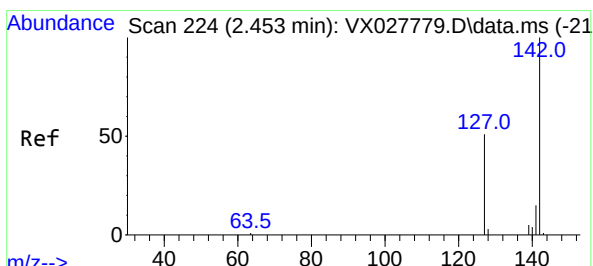
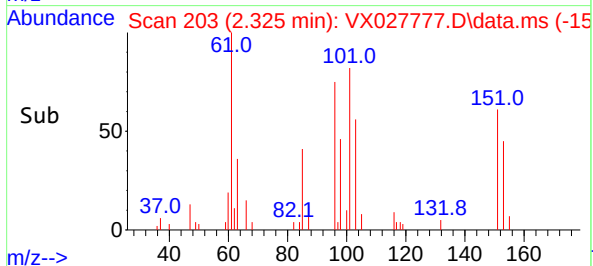
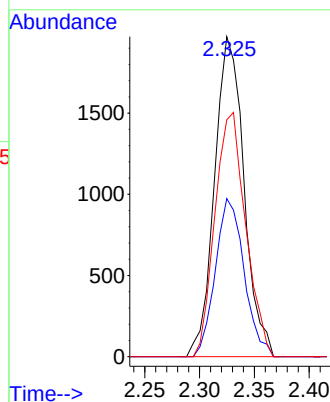
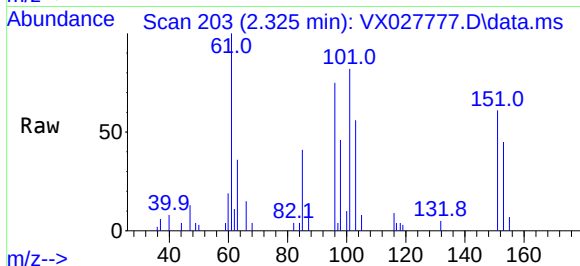
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.056 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3680
Ion Ratio Lower Upper
101 100
85 48.3 33.5 50.3
151 79.6 61.8 92.6

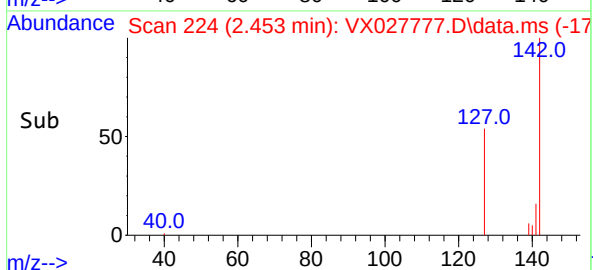
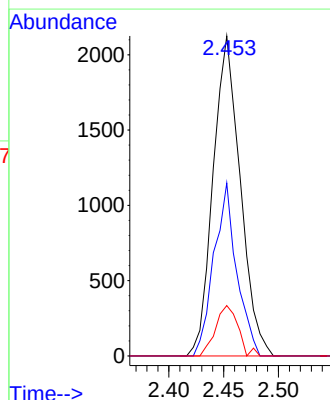
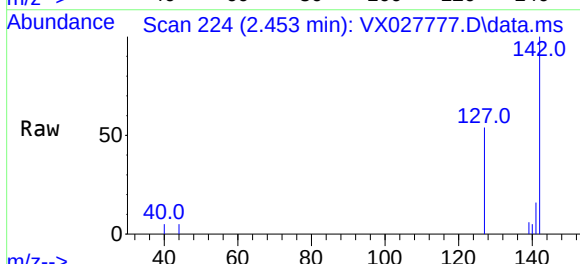
Manual Integrations
APPROVED

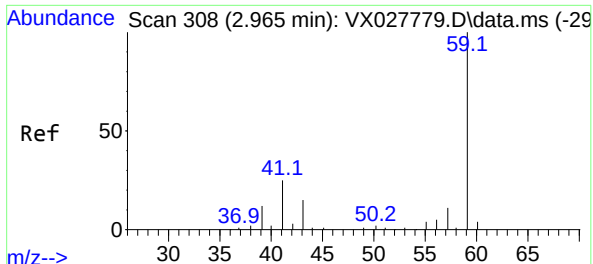
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#10
Methyl Iodide
Concen: 4.081 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

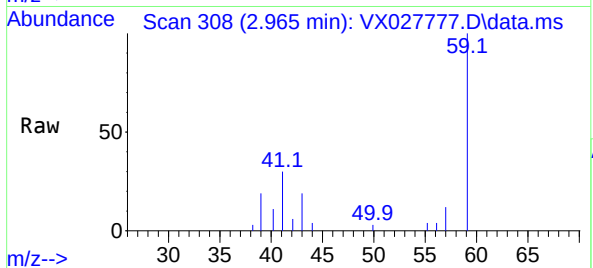
Tgt Ion:142 Resp: 3658
Ion Ratio Lower Upper
142 100
127 45.4 33.9 50.9
141 13.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 20.795 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

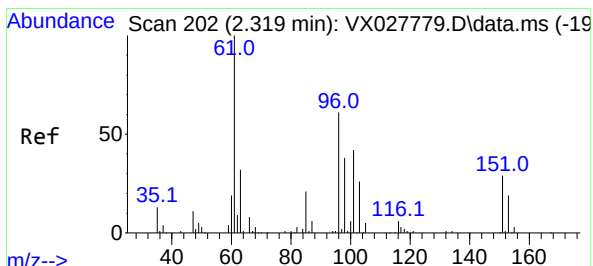
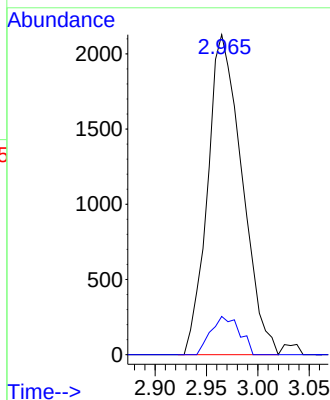
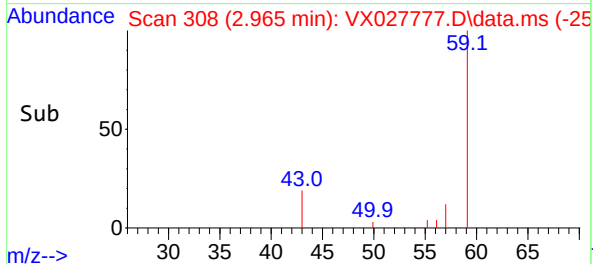
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



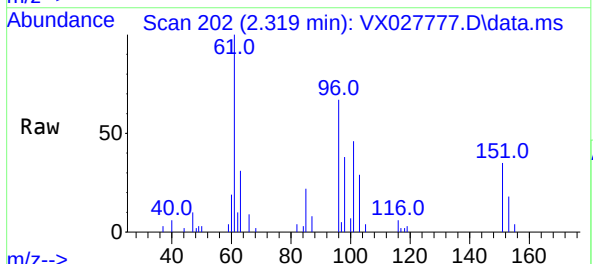
Tgt Ion: 59 Resp: 4954
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
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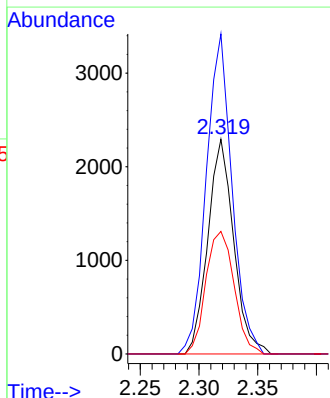
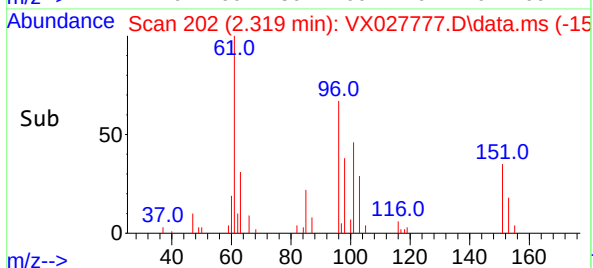
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

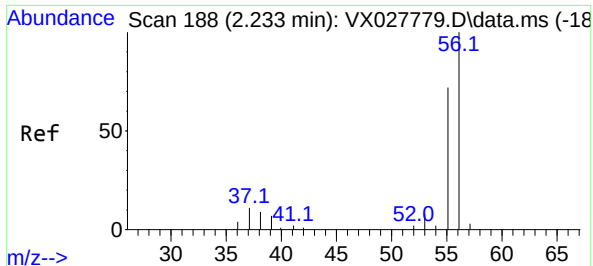


#12
1,1-Dichloroethene
Concen: 4.211 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



Tgt Ion: 96 Resp: 3512
Ion Ratio Lower Upper
96 100
61 149.0 124.6 187.0
98 57.1 51.0 76.4





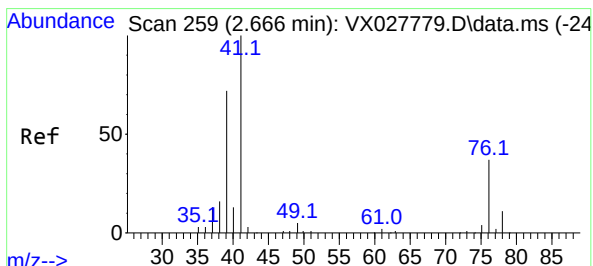
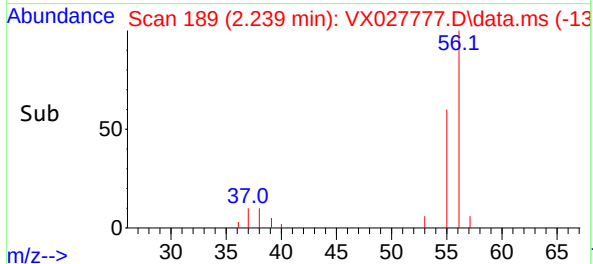
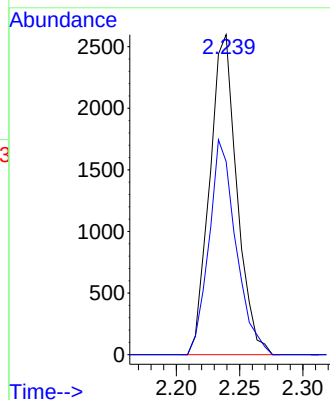
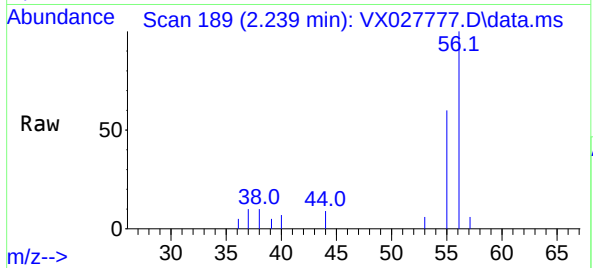
#13
Acrolein
Concen: 22.608 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 3892
Ion Ratio Lower Upper
56 100
55 66.6 55.0 82.6

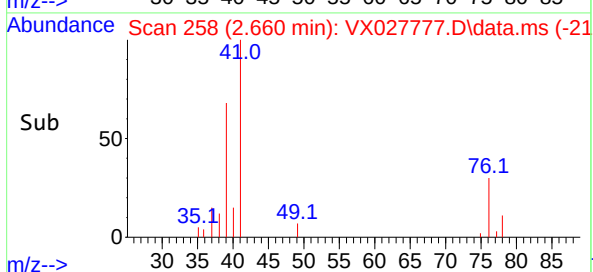
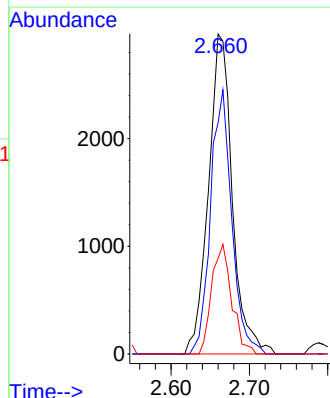
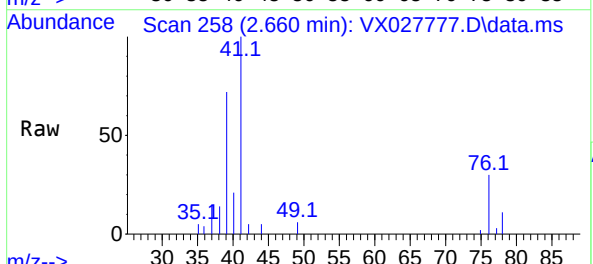
Manual Integrations
APPROVED

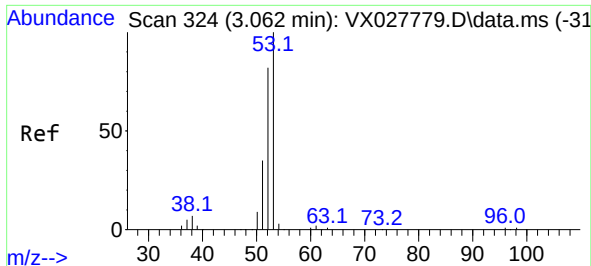
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#14
Allyl chloride
Concen: 4.035 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

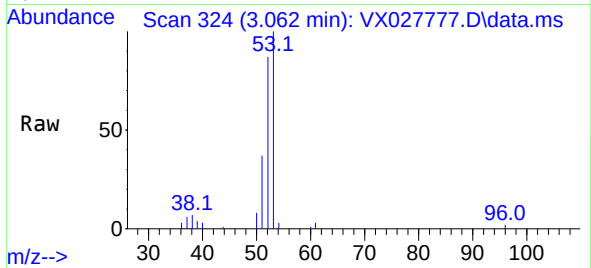
Tgt Ion: 41 Resp: 6290
Ion Ratio Lower Upper
41 100
39 73.4 50.4 75.6
76 28.8 32.7 49.1#





#15
Acrylonitrile
Concen: 20.470 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

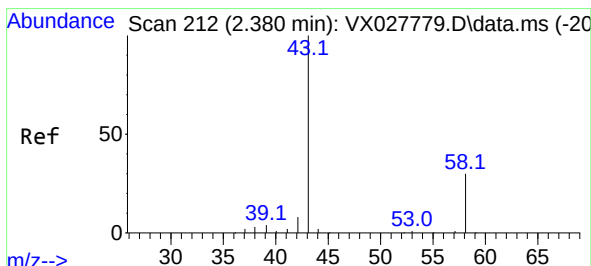
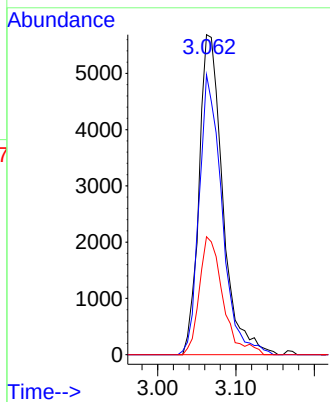
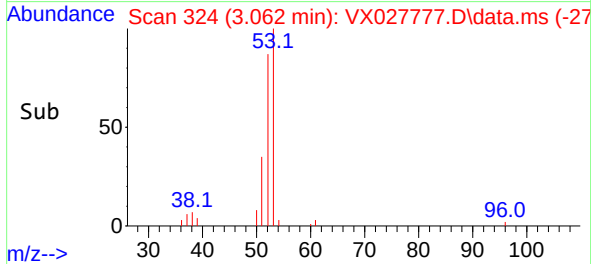
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 1196
Ion Ratio Lower Upper
53 100
52 84.3 65.7 98.5
51 36.7 28.4 42.6

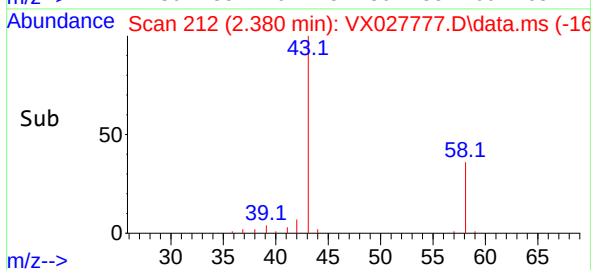
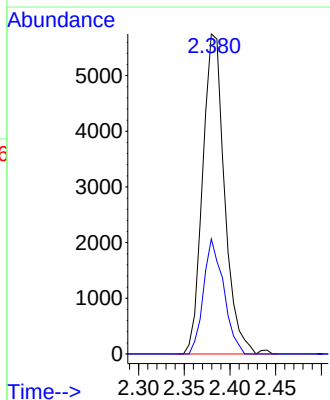
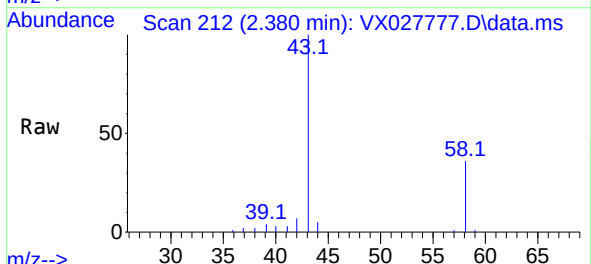
Manual Integrations
APPROVED

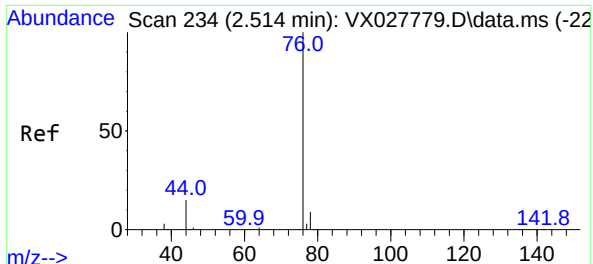
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#16
Acetone
Concen: 17.231 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 43 Resp: 9577
Ion Ratio Lower Upper
43 100
58 35.9 28.8 43.2





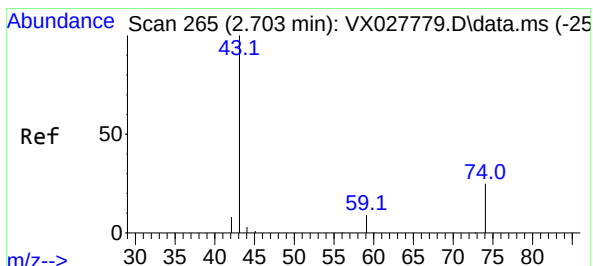
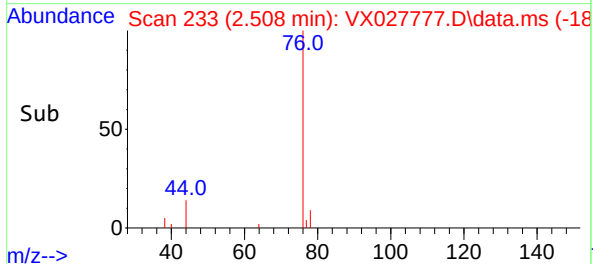
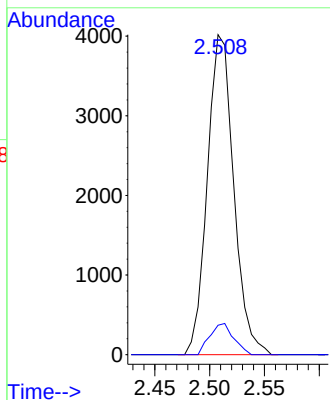
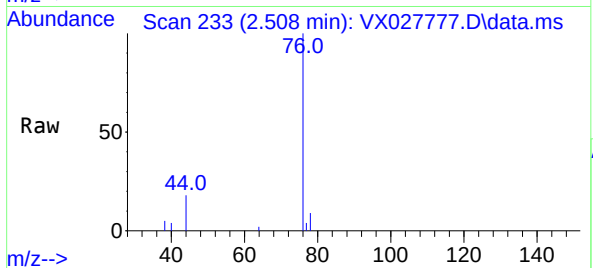
#17
Carbon Disulfide
Concen: 3.110 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 6734
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

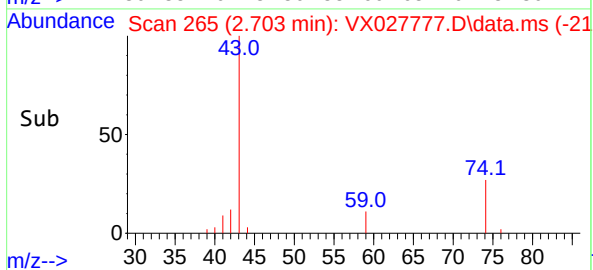
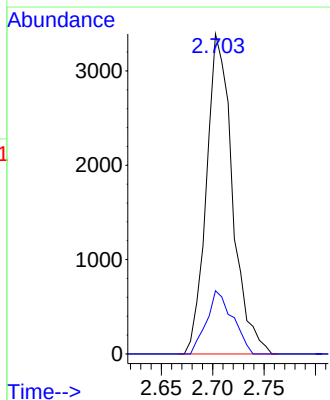
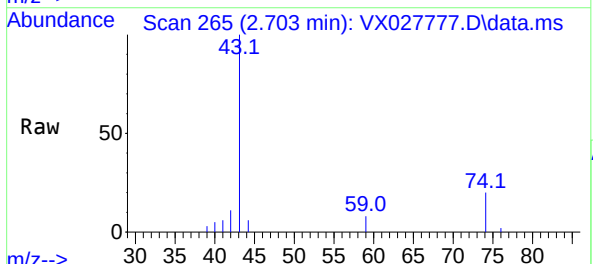
Manual Integrations
APPROVED

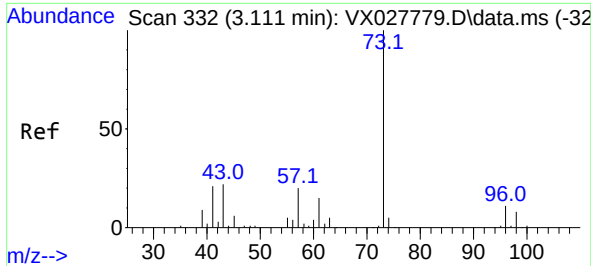
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#18
Methyl Acetate
Concen: 4.327 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 43 Resp: 5965
Ion Ratio Lower Upper
43 100
74 19.7 22.8 34.2#





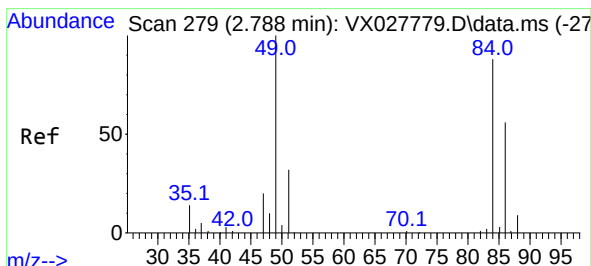
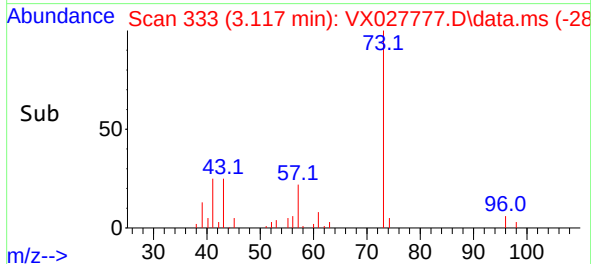
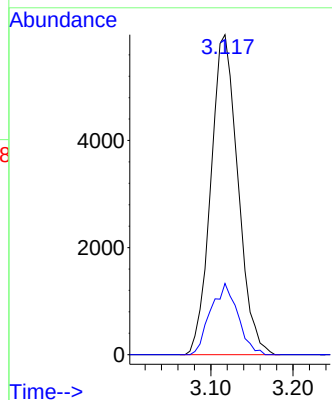
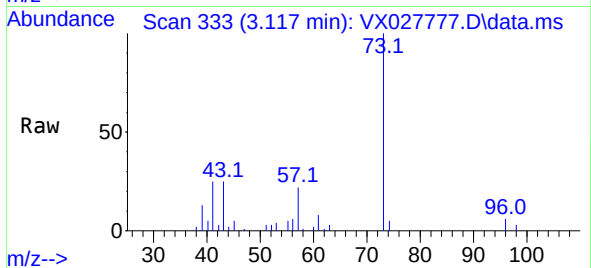
#19
Methyl tert-butyl Ether
Concen: 4.452 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 13700
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2

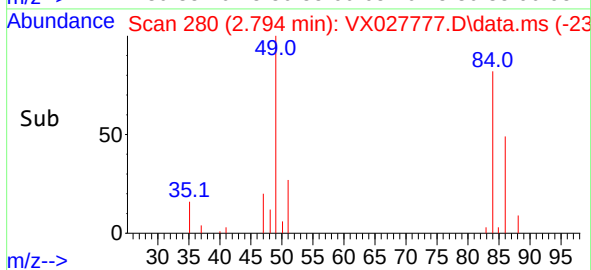
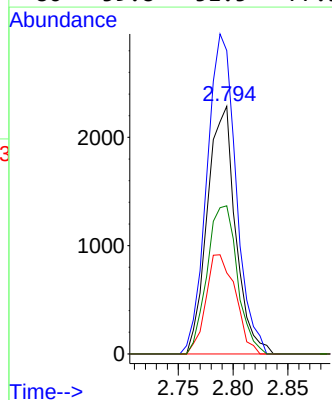
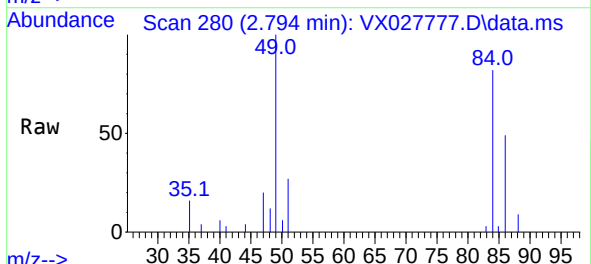
Manual Integrations
APPROVED

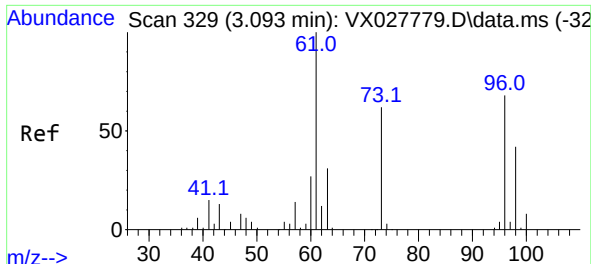
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#20
Methylene Chloride
Concen: 4.213 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

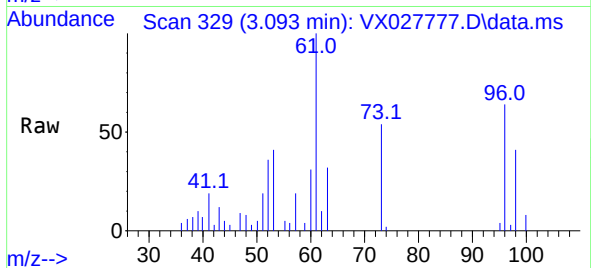
Tgt Ion: 84 Resp: 4101
Ion Ratio Lower Upper
84 100
49 122.5 85.5 128.3
51 32.8 26.6 39.8
86 59.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 3.877 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

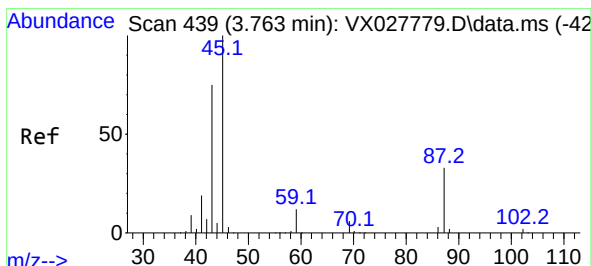
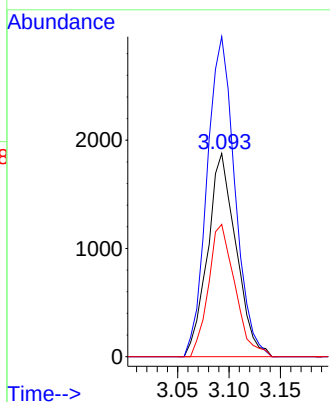
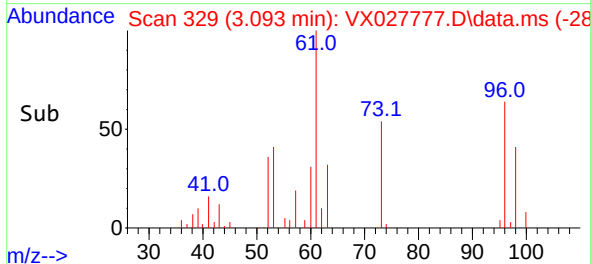
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



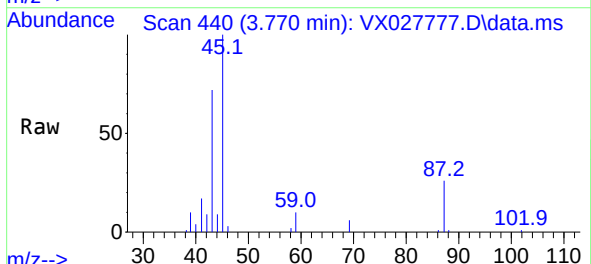
Tgt Ion: 96 Resp: 360
Ion Ratio Lower Upper
96 100
61 157.5 105.4 158.2
98 65.1 50.0 75.0

Manual Integrations
APPROVED

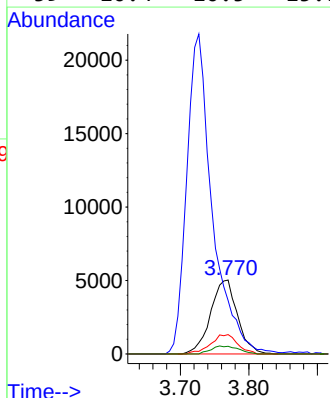
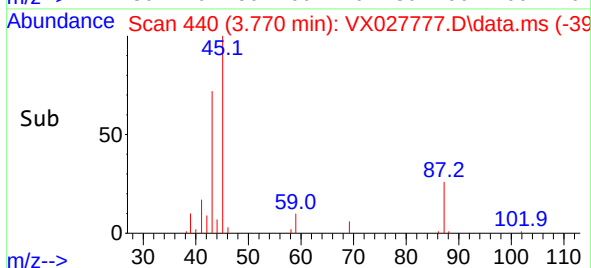
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

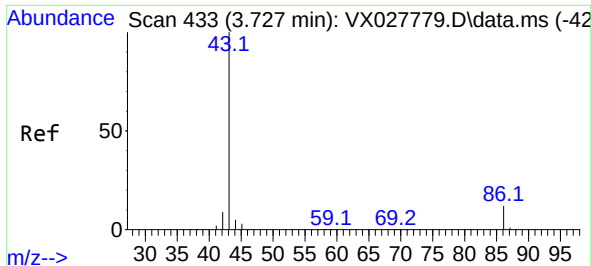


#22
Diisopropyl ether
Concen: 4.397 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



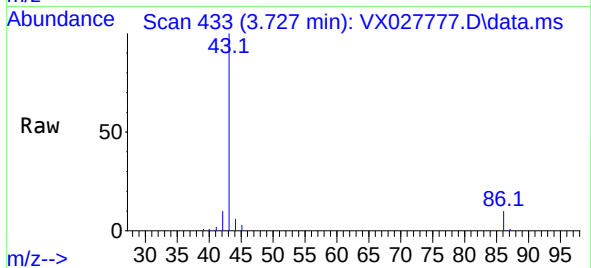
Tgt Ion: 45 Resp: 13674
Ion Ratio Lower Upper
45 100
43 70.3 50.8 76.2
87 26.1 26.6 39.8#
59 10.4 10.5 15.7#





#23
 Vinyl Acetate
 Concen: 20.987 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX027777.D
 Acq: 29 Mar 2022 16:25

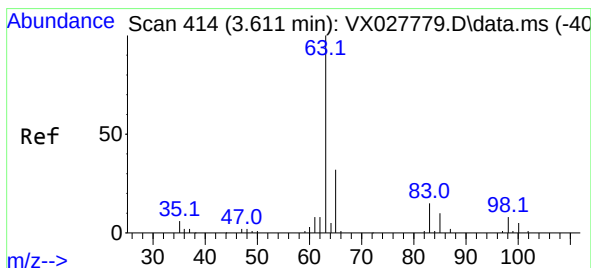
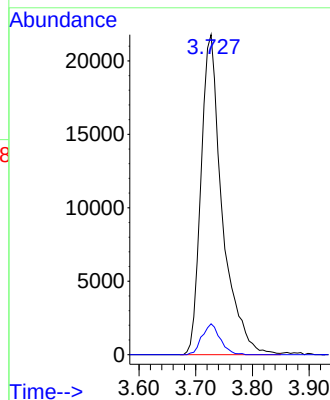
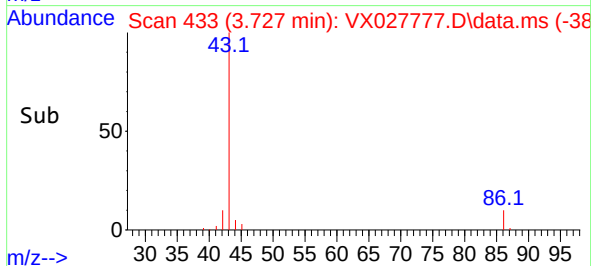
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



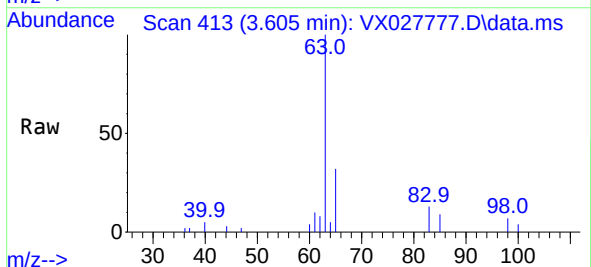
Tgt Ion: 43 Resp: 5676
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.8 16.2

Manual Integrations
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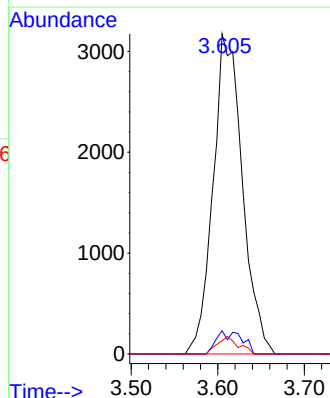
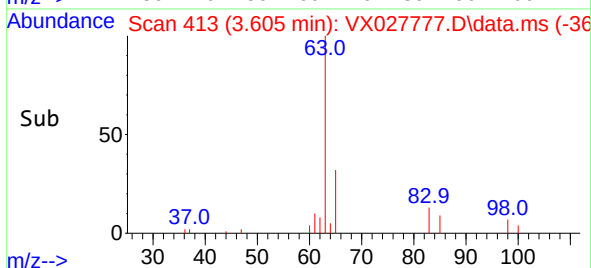
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022

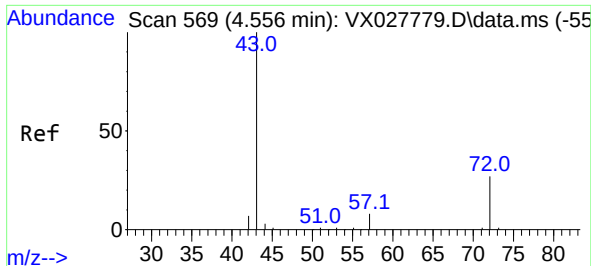


#24
 1,1-Dichloroethane
 Concen: 4.243 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX027777.D
 Acq: 29 Mar 2022 16:25



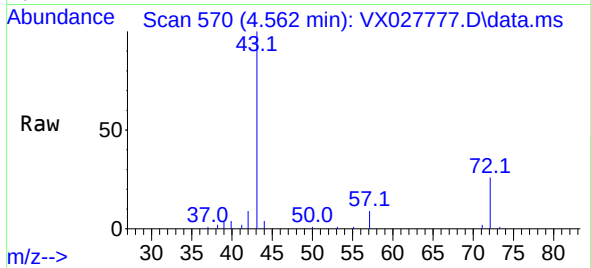
Tgt Ion: 63 Resp: 7445
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 20.511 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

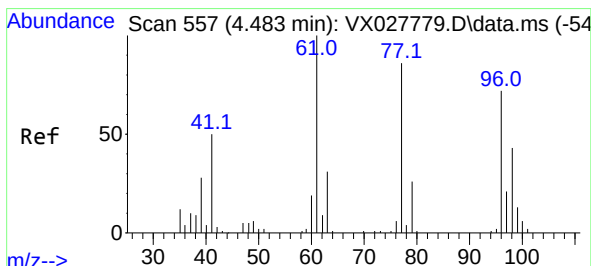
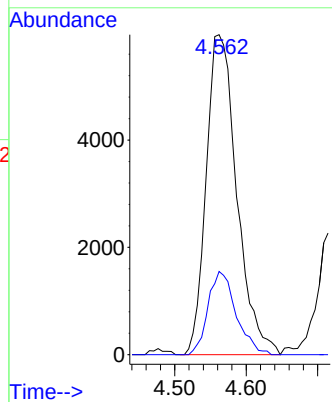
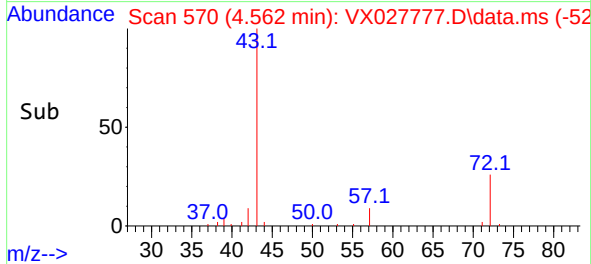
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 17724
Ion Ratio Lower Upper
43 100
72 26.0 24.4 36.6

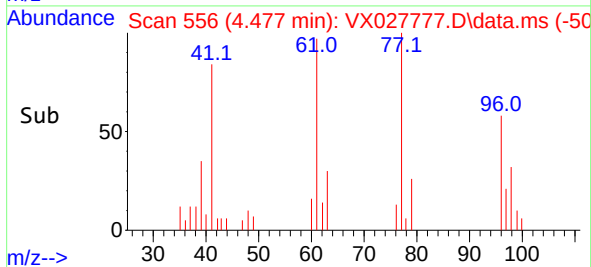
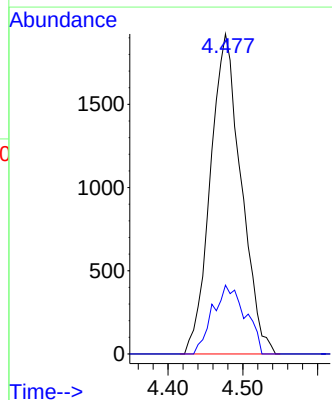
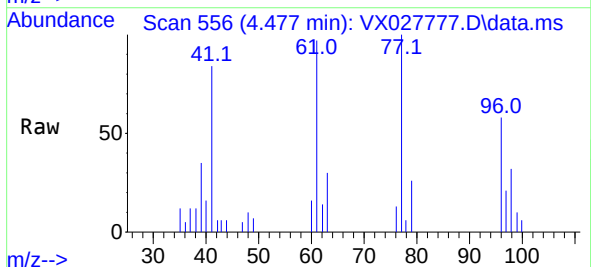
Manual Integrations
APPROVED

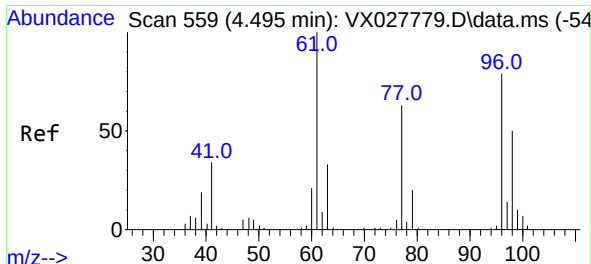
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#26
2,2-Dichloropropane
Concen: 4.022 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 77 Resp: 5503
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 4.157 ug/l
RT: 4.489 min Scan# 559
Delta R.T. -0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

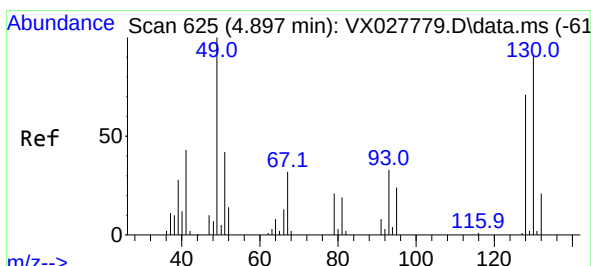
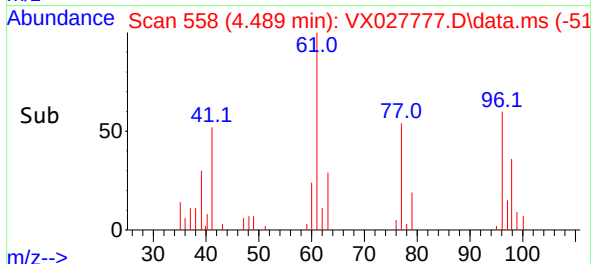
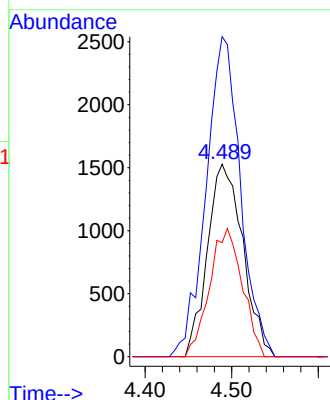
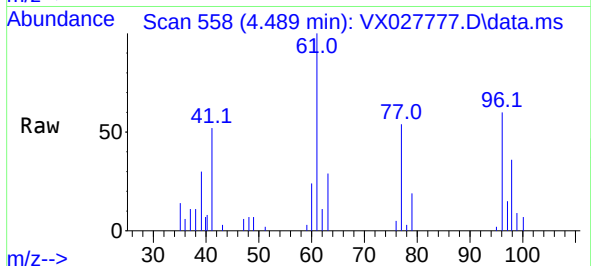
VSTDICC005

Tgt Ion: 96 Resp: 434
Ion Ratio Lower Upper
96 100
61 161.3 0.0 283.8
98 61.6 0.0 129.8

Manual Integrations

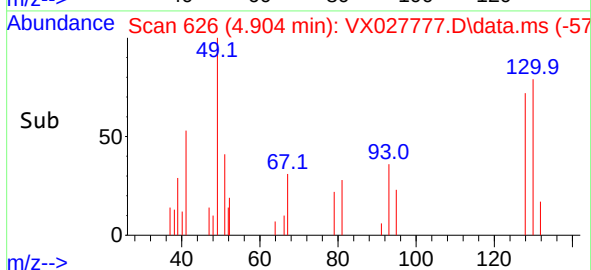
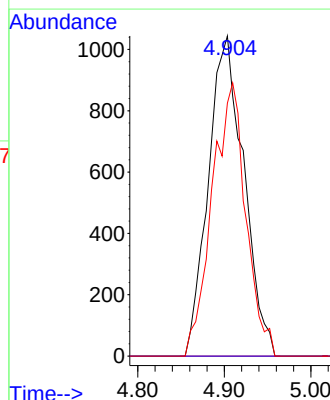
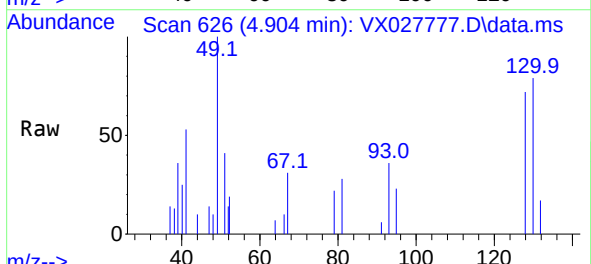
APPROVED

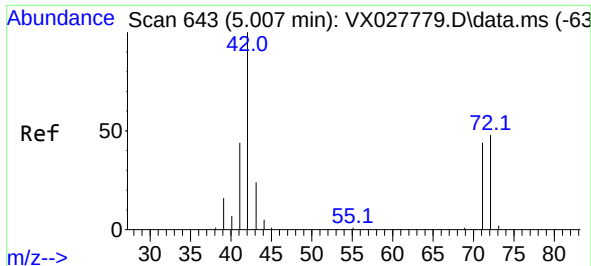
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#28
Bromochloromethane
Concen: 4.193 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 49 Resp: 2969
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 81.1 70.7 106.1





#29

Tetrahydrofuran

Concen: 20.773 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 1078

Ion Ratio Lower Upper

42 100

72 45.2 44.1 66.1

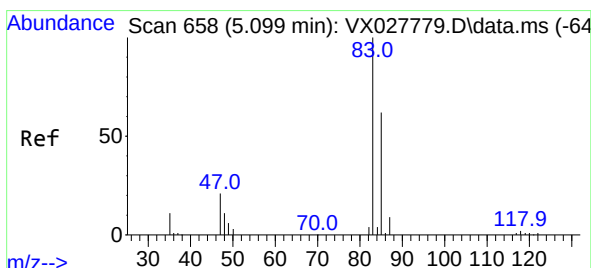
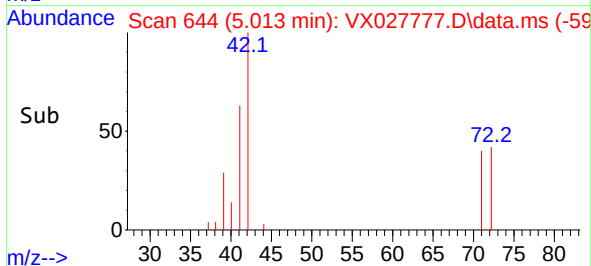
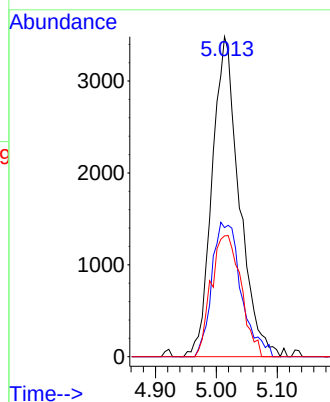
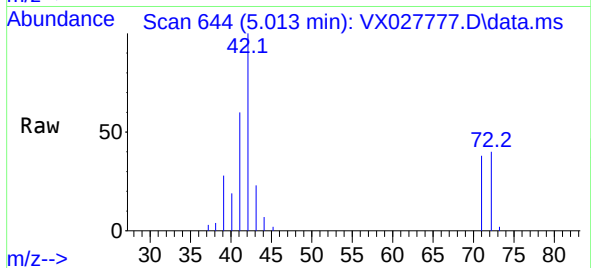
71 41.3 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#30

Chloroform

Concen: 4.310 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX027777.D

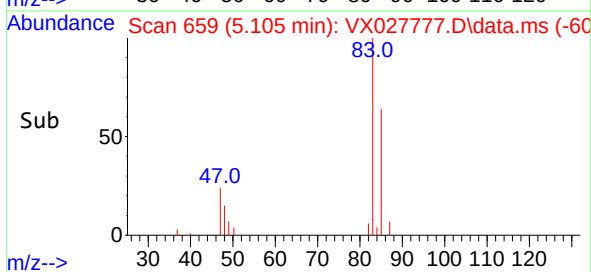
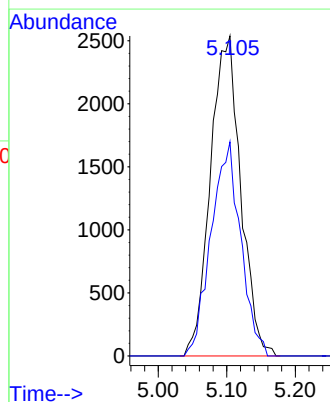
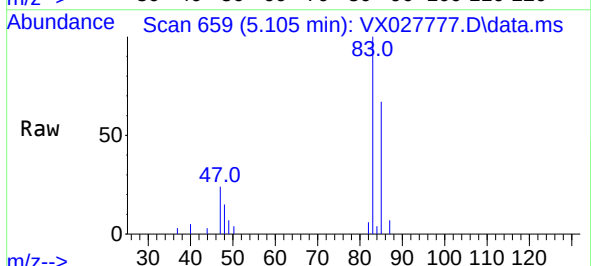
Acq: 29 Mar 2022 16:25

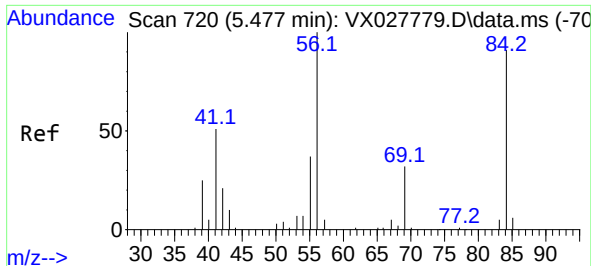
Tgt Ion: 83 Resp: 7788

Ion Ratio Lower Upper

83 100

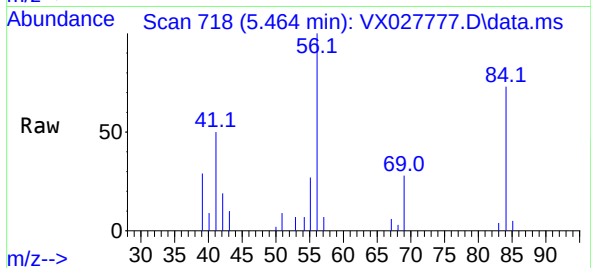
85 66.9 52.7 79.1





#31
Cyclohexane
Concen: 3.899 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

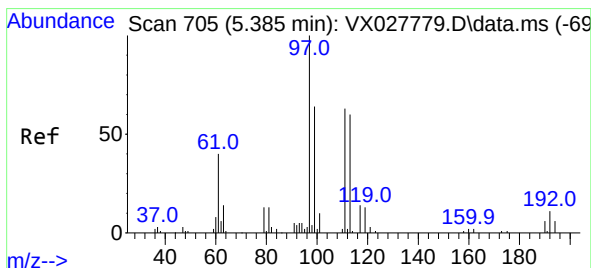
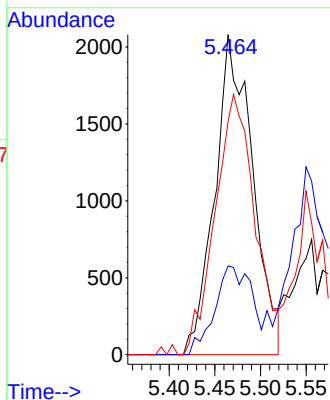
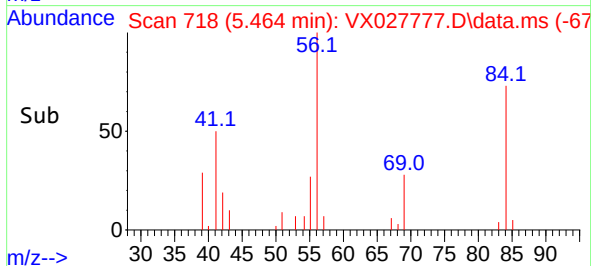
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



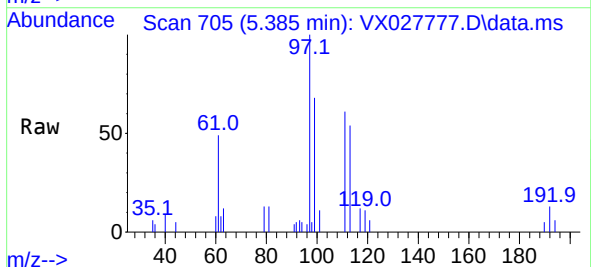
Tgt Ion: 56 Resp: 5980
Ion Ratio Lower Upper
56 100
69 27.7 26.7 40.1
84 72.9 77.2 115.8

Manual Integrations
APPROVED

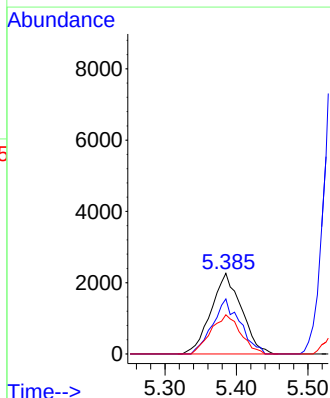
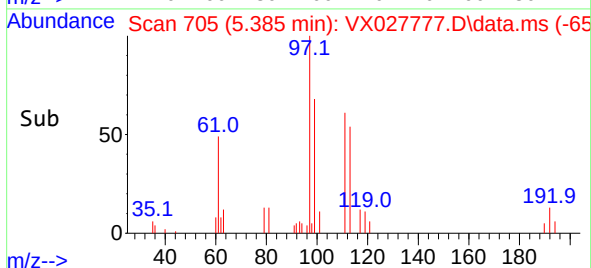
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

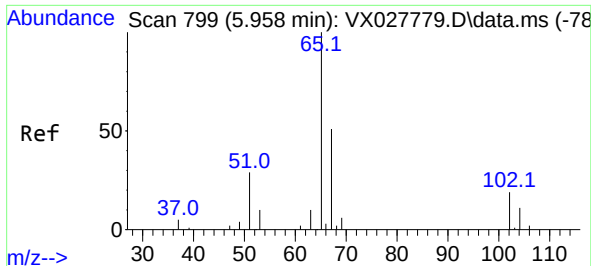


#32
1,1,1-Trichloroethane
Concen: 4.149 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



Tgt Ion: 97 Resp: 6667
Ion Ratio Lower Upper
97 100
99 62.0 51.8 77.6
61 47.4 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 3.827 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 4984

Ion Ratio Lower Upper

65 100

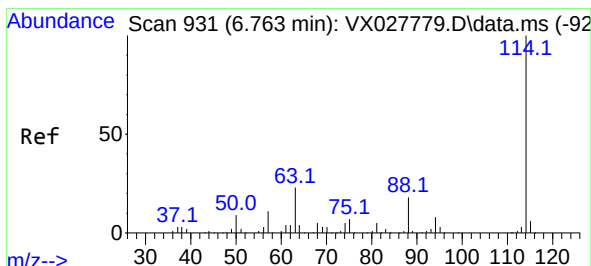
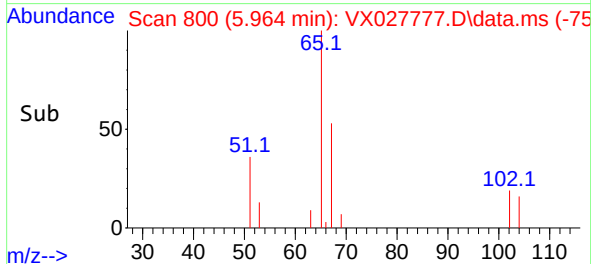
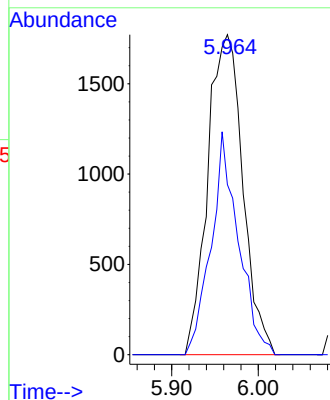
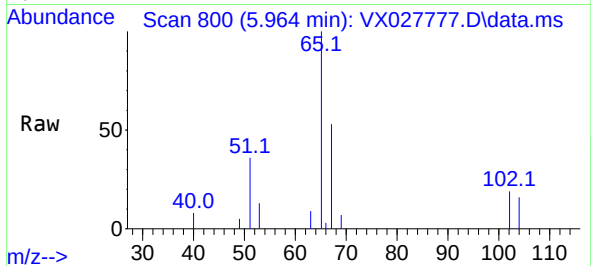
67 54.4 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

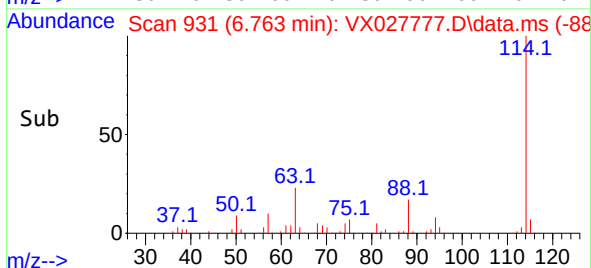
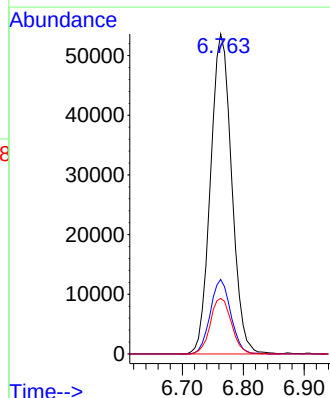
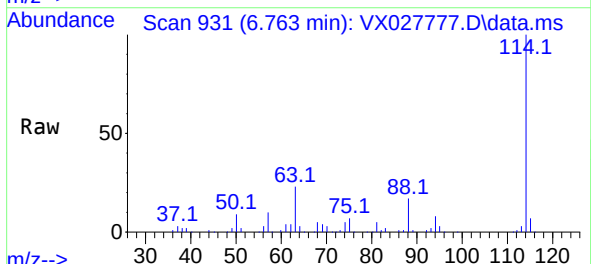
Tgt Ion:114 Resp: 129554

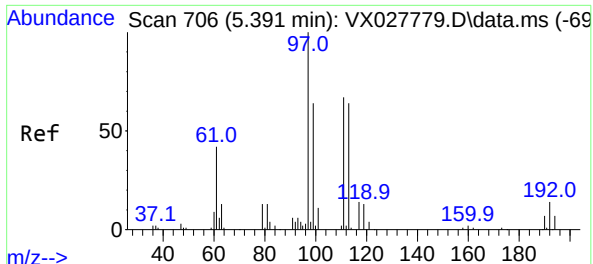
Ion Ratio Lower Upper

114 100

63 23.3 0.0 36.8

88 17.3 0.0 32.4





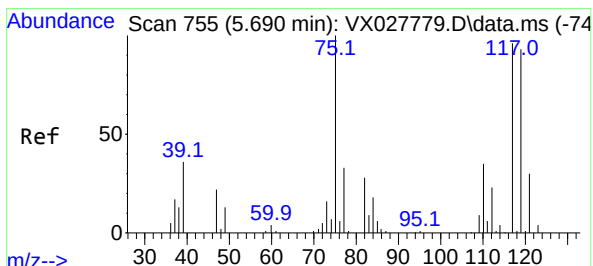
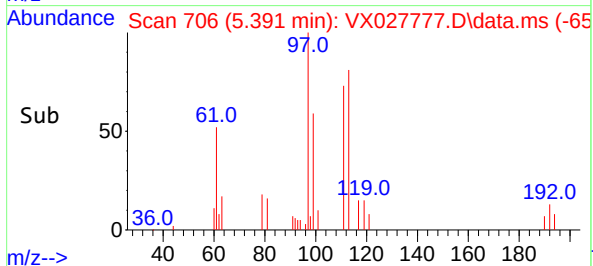
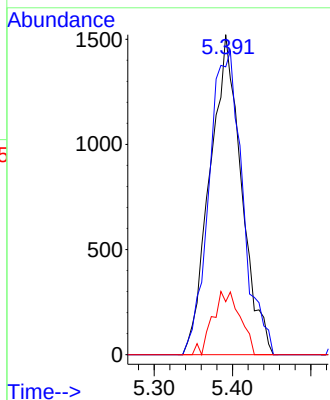
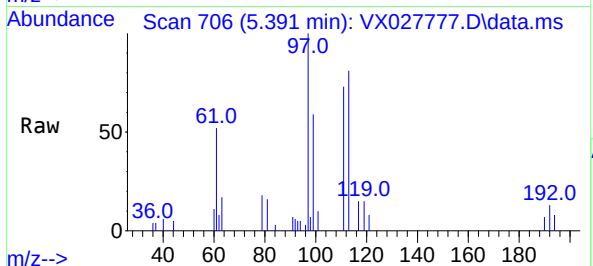
#35
Dibromofluoromethane
Concen: 4.904 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:113 Resp: 425
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 17.2 16.9 25.3

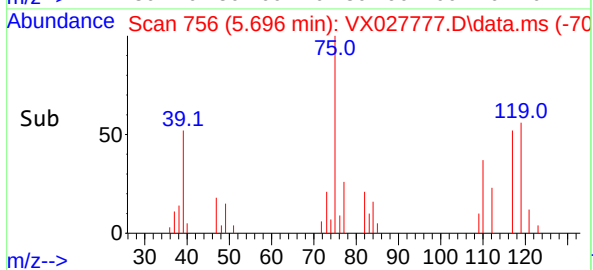
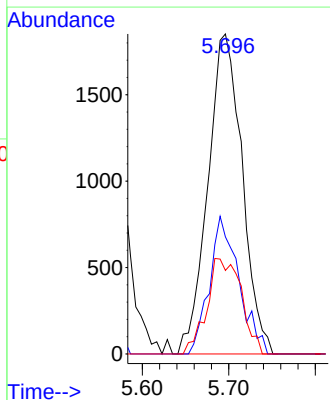
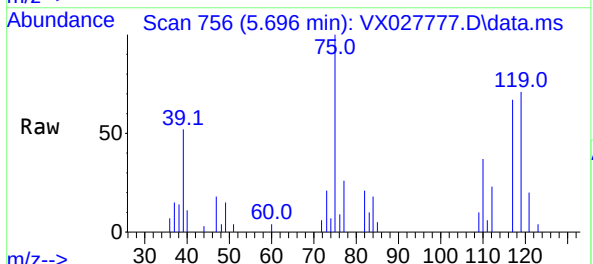
Manual Integrations
APPROVED

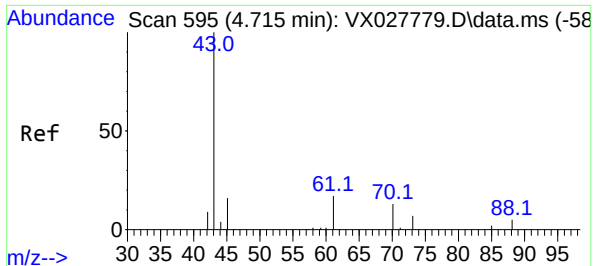
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#36
1,1-Dichloropropene
Concen: 3.863 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 75 Resp: 5101
Ion Ratio Lower Upper
75 100
110 36.8 18.3 54.8
77 29.9 24.8 37.2





#37

Ethyl Acetate

Concen: 4.803 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 7270

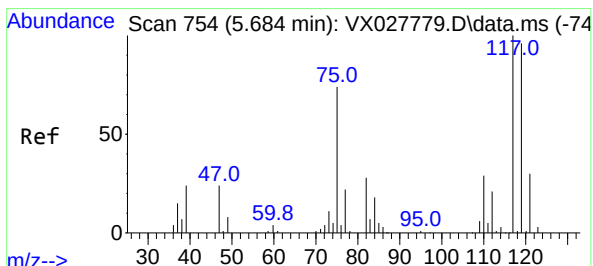
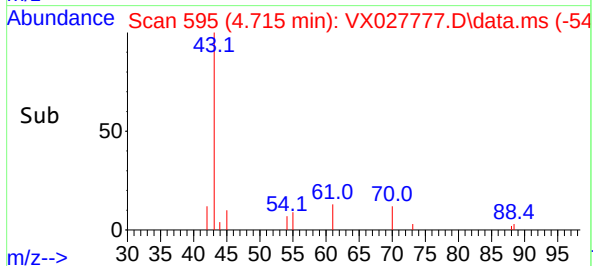
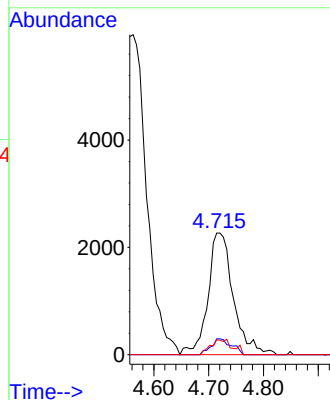
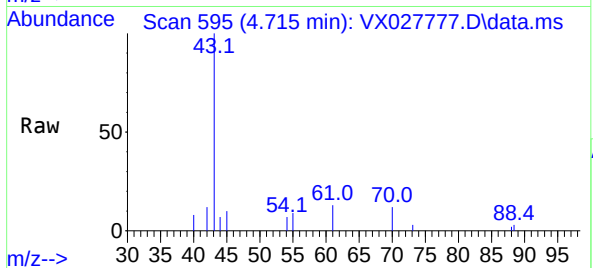
Ion	Ratio	Lower	Upper
43	100		
61	10.6	12.6	19.0
70	10.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#38

Carbon Tetrachloride

Concen: 4.116 ug/l

RT: 5.678 min Scan# 753

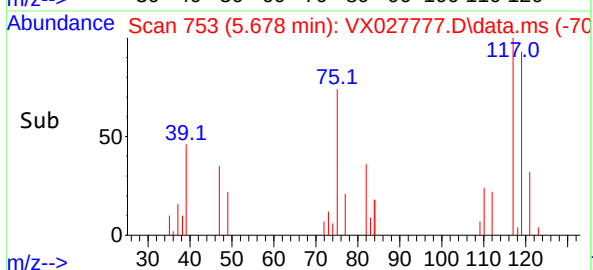
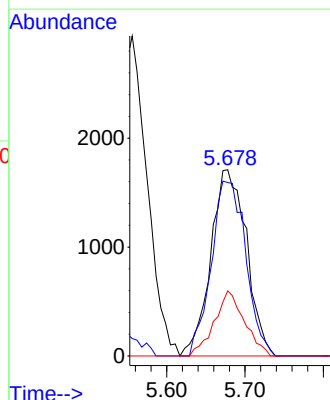
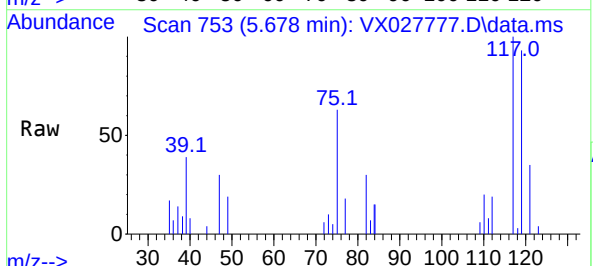
Delta R.T. -0.006 min

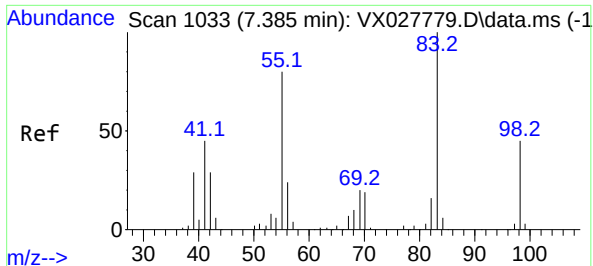
Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Tgt Ion:117 Resp: 5415

Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.3	115.9
121	35.0	24.2	36.2





#39

Methylcyclohexane

Concen: 4.083 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 614

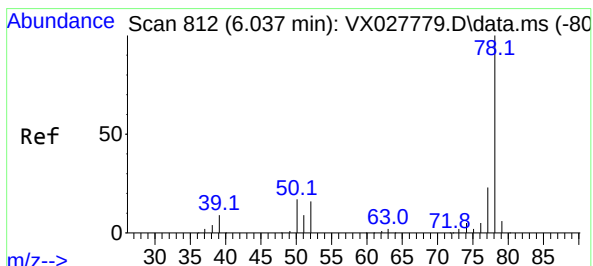
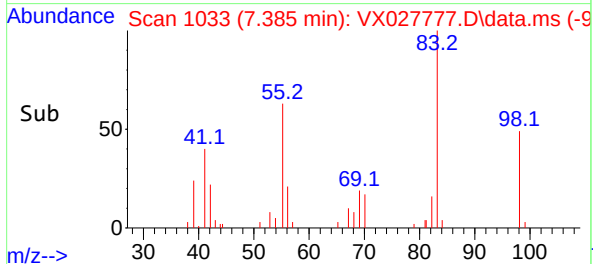
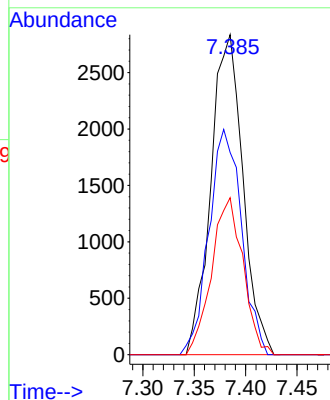
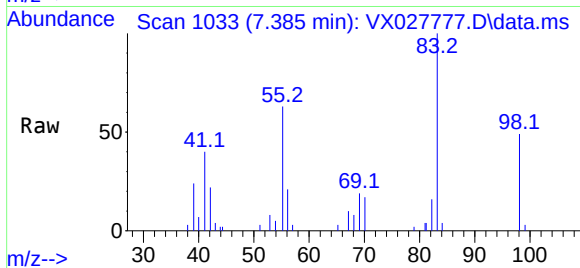
Ion	Ratio	Lower	Upper
83	100		
55	63.2	54.6	81.8
98	49.0	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#40

Benzene

Concen: 4.247 ug/l

RT: 6.044 min Scan# 813

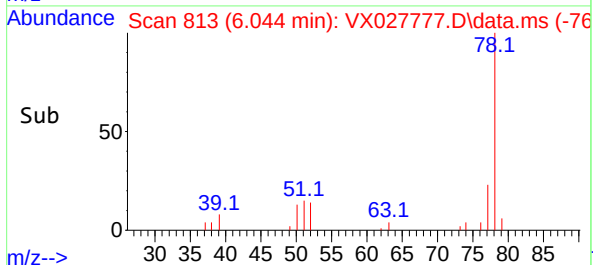
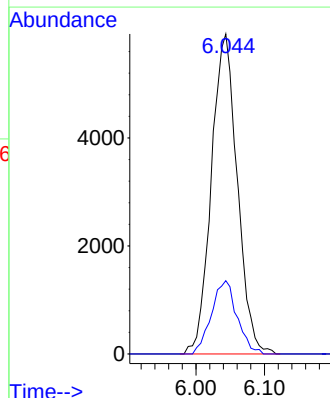
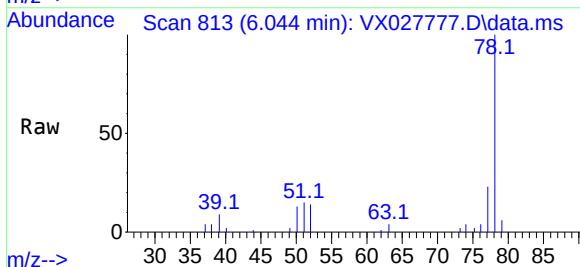
Delta R.T. 0.006 min

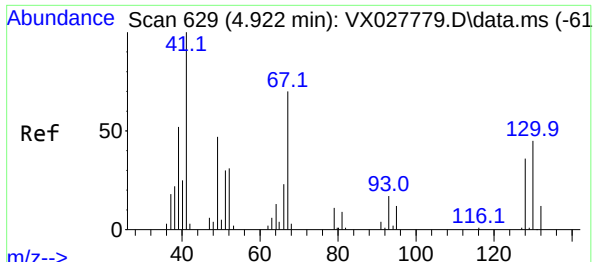
Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Tgt Ion: 78 Resp: 15563

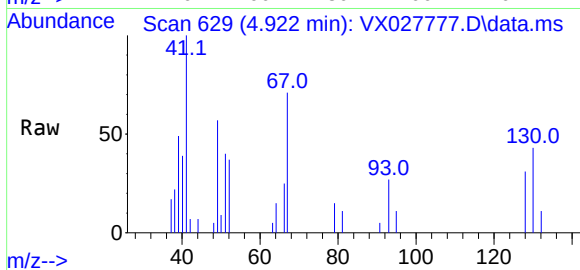
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41
Methacrylonitrile
Concen: 4.423 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

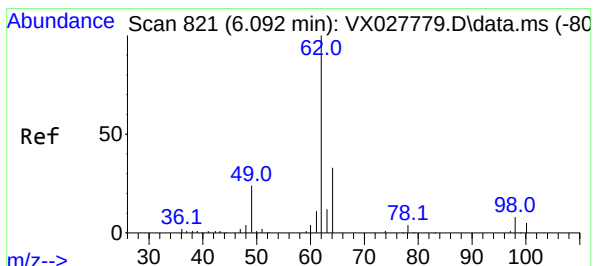
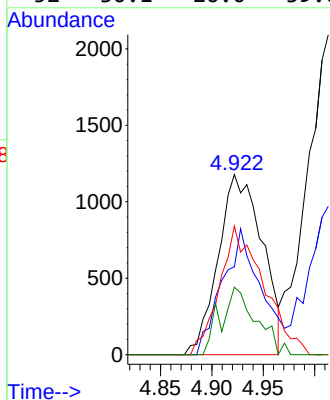
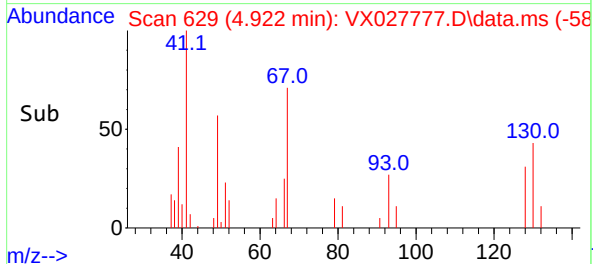
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 351
Ion Ratio Lower Upper
41 100
39 61.0 43.0 64.4
67 71.1 70.2 105.4
52 30.1 26.0 39.0

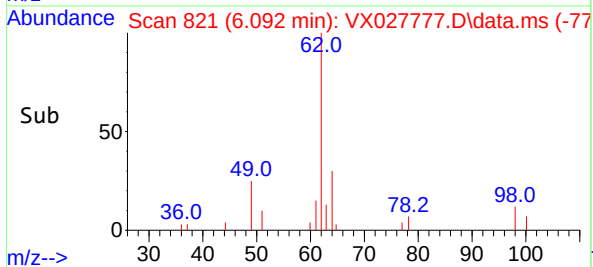
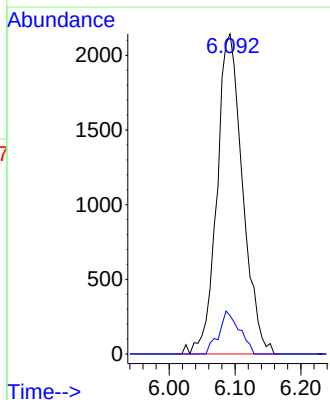
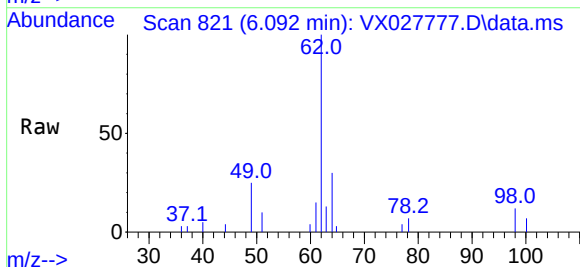
Manual Integrations
APPROVED

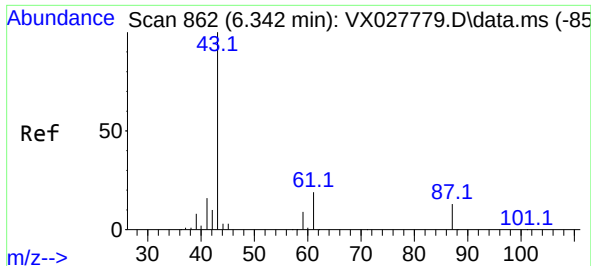
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#42
1,2-Dichloroethane
Concen: 3.754 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

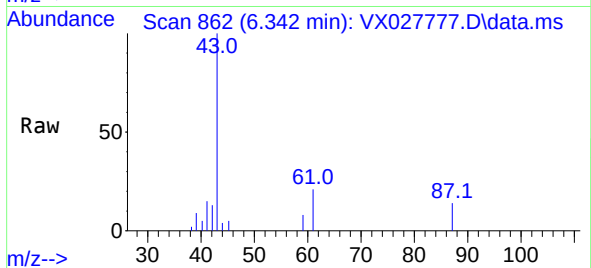
Tgt Ion: 62 Resp: 5822
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.4





#43
Isopropyl Acetate
Concen: 3.921 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

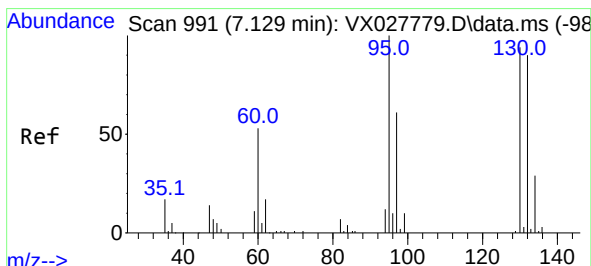
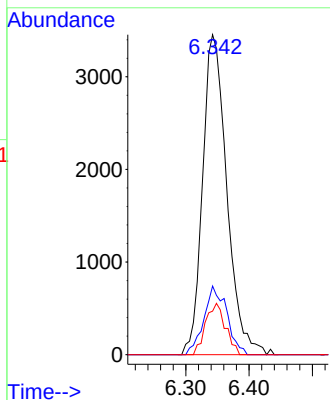
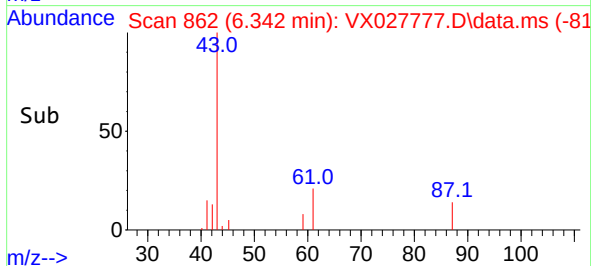
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



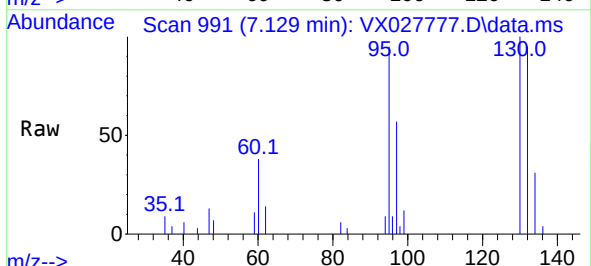
Tgt Ion: 43 Resp: 9209
Ion Ratio Lower Upper
43 100
61 20.3 18.5 27.7
87 13.1 13.0 19.6

Manual Integrations
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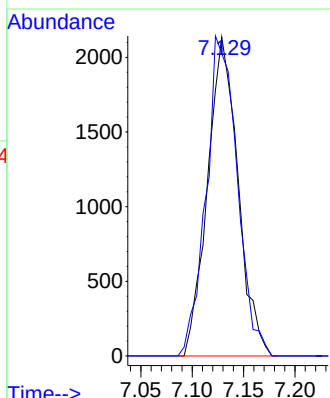
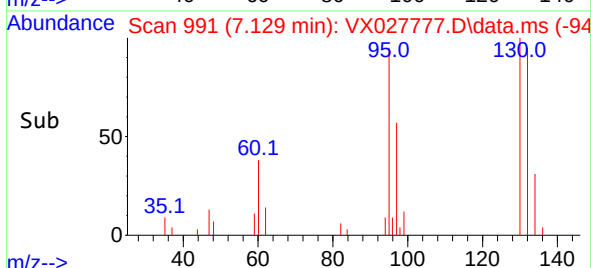
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

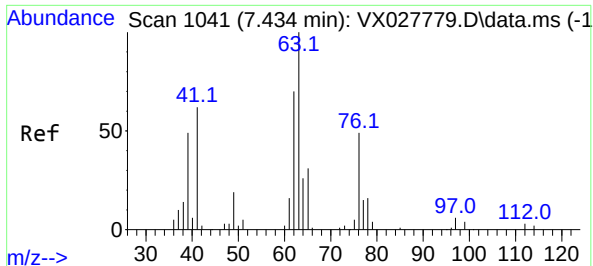


#44
Trichloroethene
Concen: 4.574 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



Tgt Ion:130 Resp: 4399
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 4.024 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3894

Ion Ratio Lower Upper

63 100

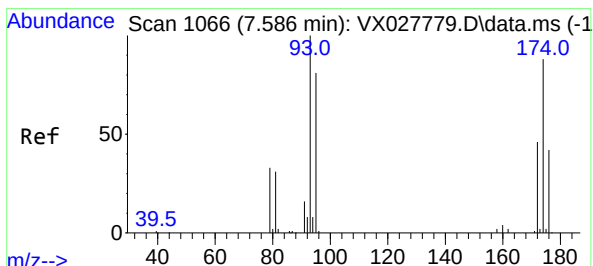
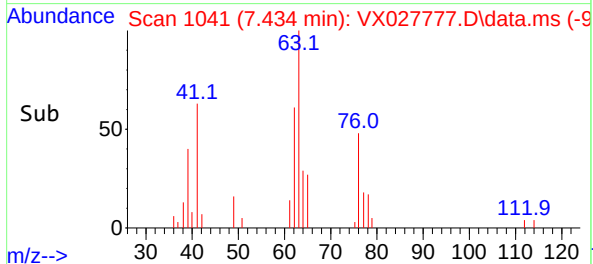
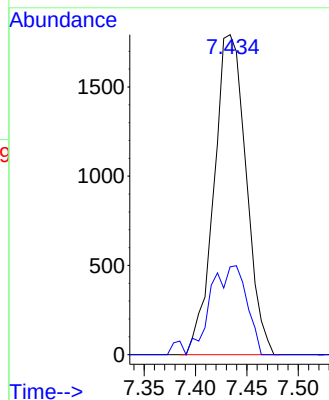
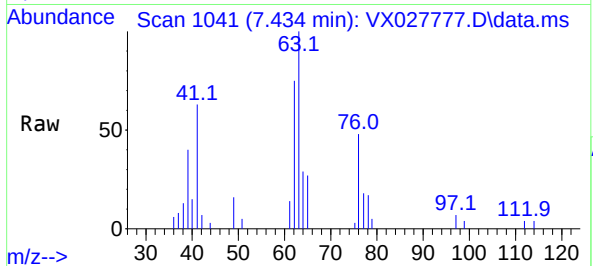
65 27.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#46

Dibromomethane

Concen: 4.223 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

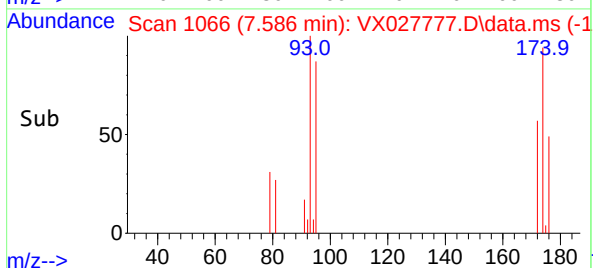
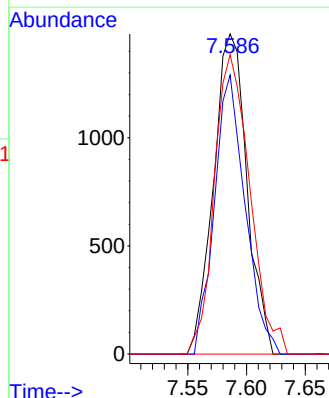
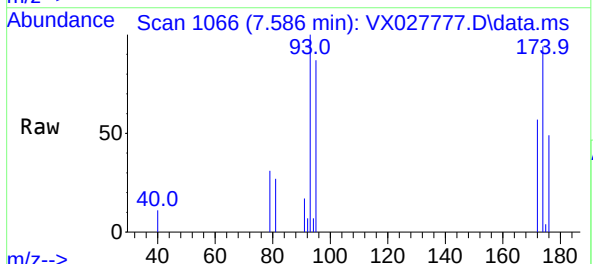
Tgt Ion: 93 Resp: 2935

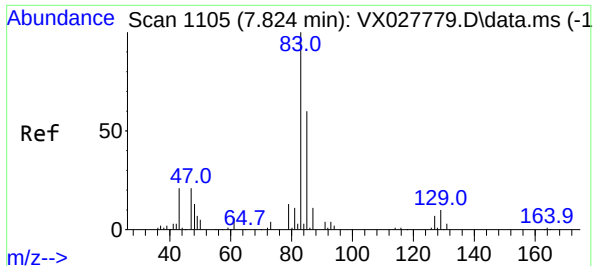
Ion Ratio Lower Upper

93 100

95 80.2 65.8 98.6

174 99.0 85.4 128.2





#47
Bromodichloromethane
Concen: 4.265 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

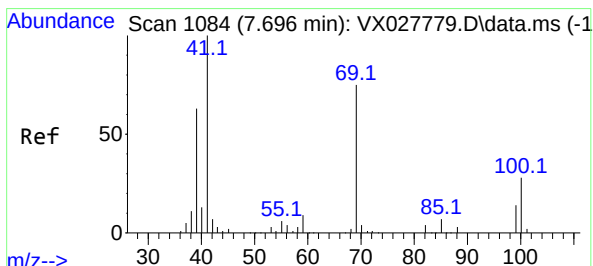
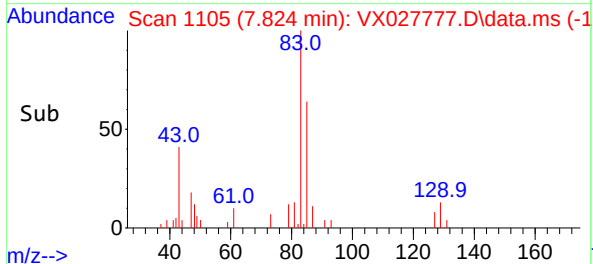
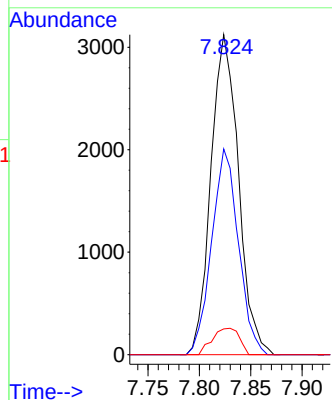
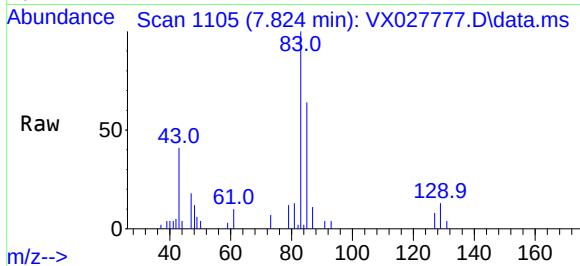
VSTDICC005

Tgt Ion: 83 Resp: 581
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.2
127 8.0 6.8 10.2

Manual Integrations

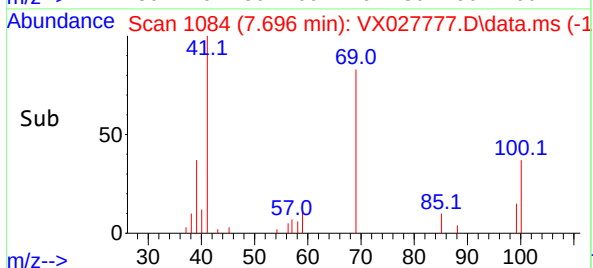
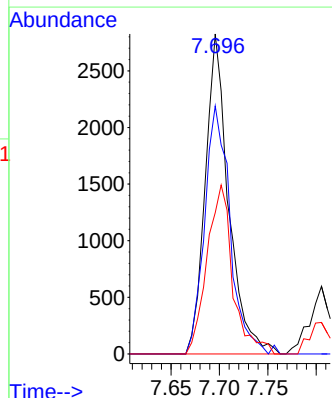
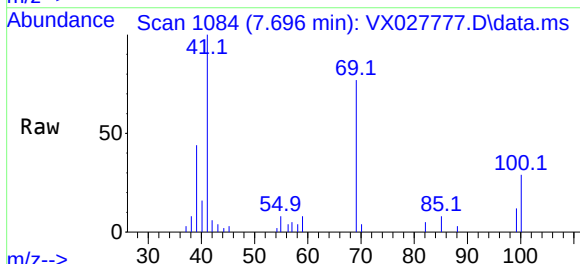
APPROVED

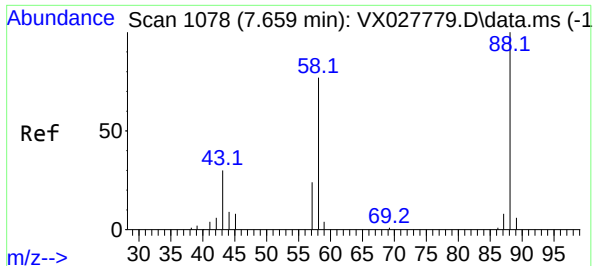
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#48
Methyl methacrylate
Concen: 4.102 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 41 Resp: 4750
Ion Ratio Lower Upper
41 100
69 84.0 82.5 123.7
39 58.2 43.8 65.8





#49

1,4-Dioxane

Concen: 88.326 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

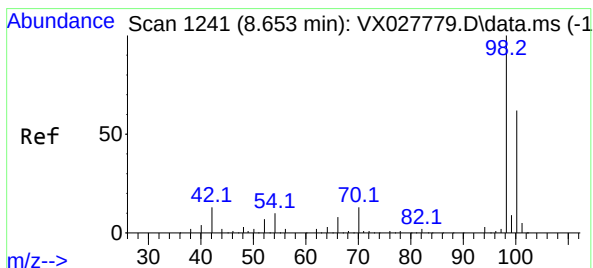
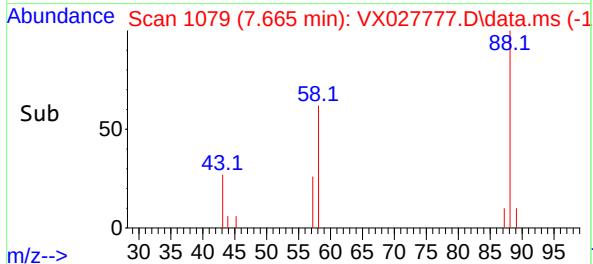
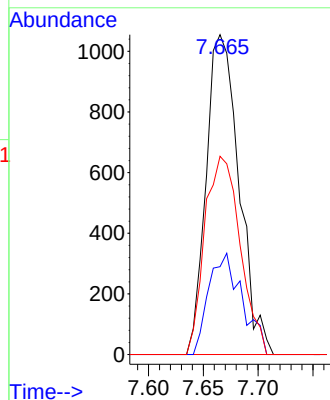
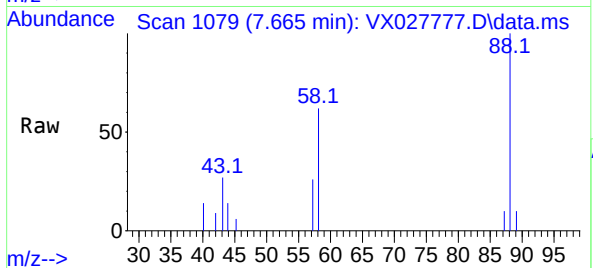
Tgt Ion:	88	Resp:	2204
Ion	Ratio	Lower	Upper
88	100		
43	32.1	21.9	32.9
58	66.7	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#50

Toluene-d8

Concen: 4.462 ug/l

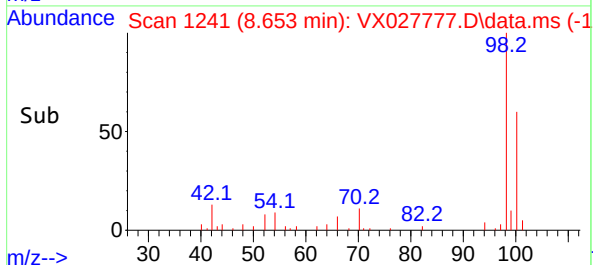
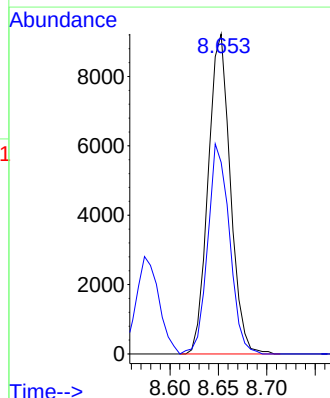
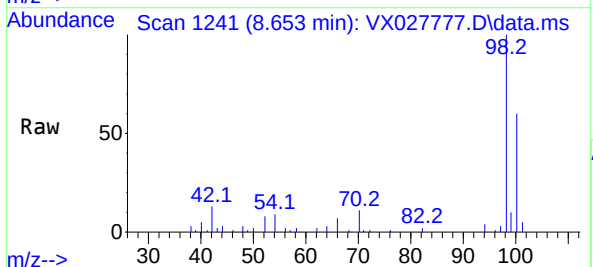
RT: 8.653 min Scan# 1241

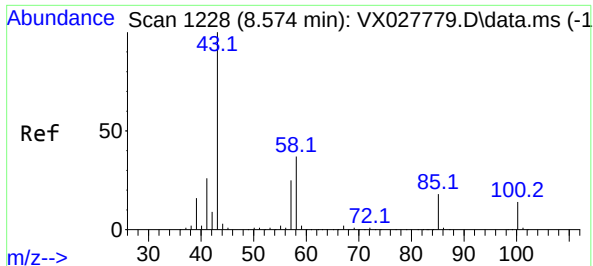
Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Tgt Ion:	98	Resp:	14709
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 21.879 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 3524

Ion Ratio Lower Upper

43 100

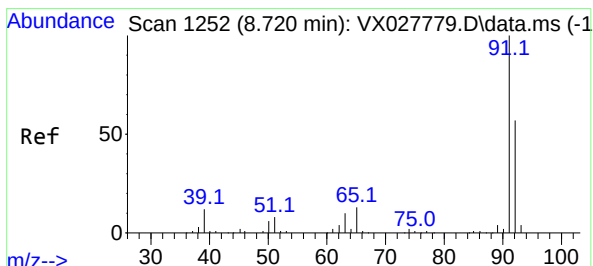
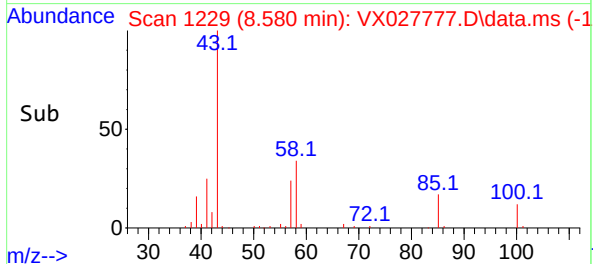
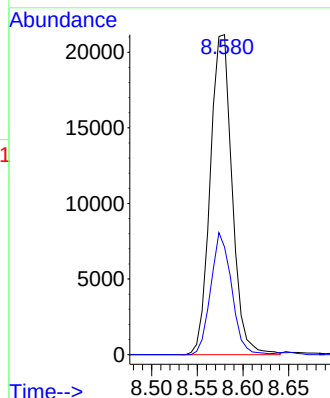
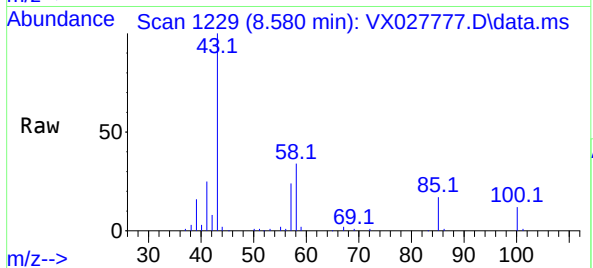
58 36.3 36.1 54.1

Manual Integrations

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Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#52

Toluene

Concen: 4.295 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027777.D

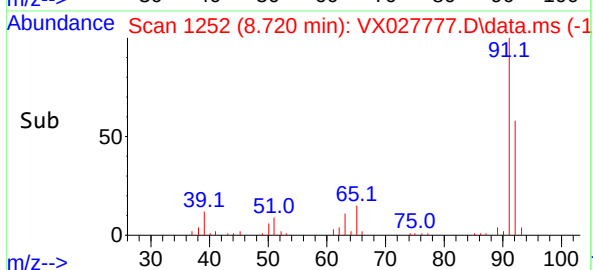
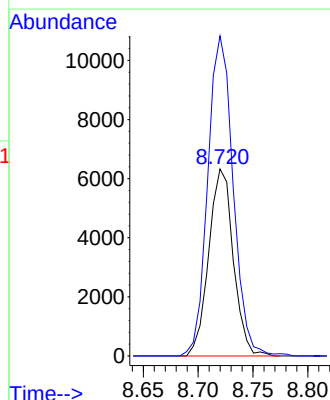
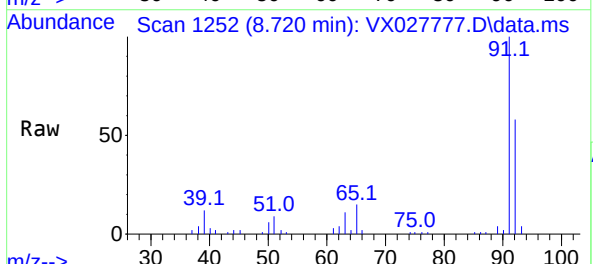
Acq: 29 Mar 2022 16:25

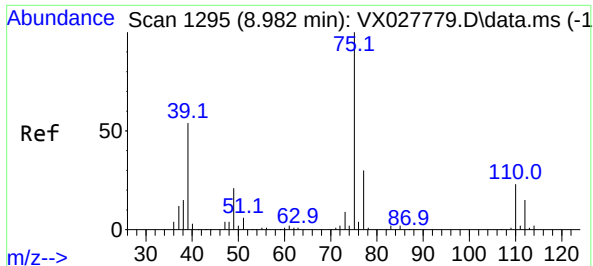
Tgt Ion: 92 Resp: 9879

Ion Ratio Lower Upper

92 100

91 176.7 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 4.004 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 540

Ion Ratio Lower Upper

75 100

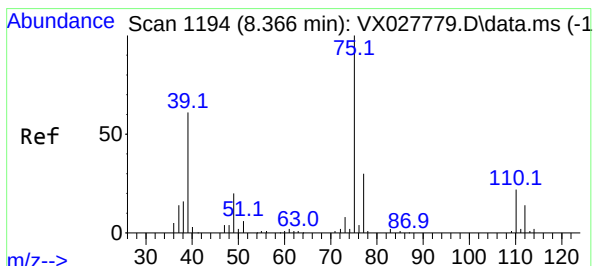
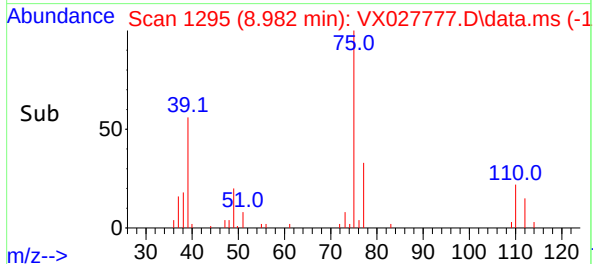
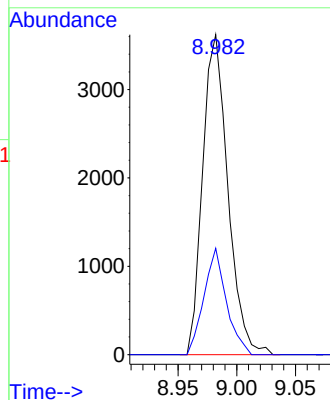
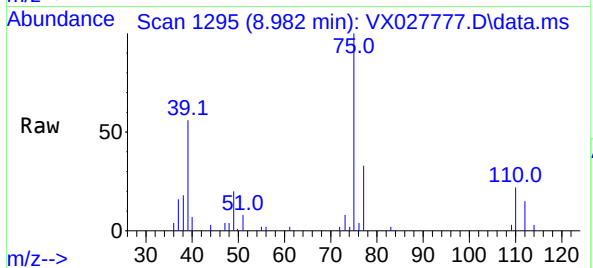
77 33.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#54

cis-1,3-Dichloropropene

Concen: 3.969 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

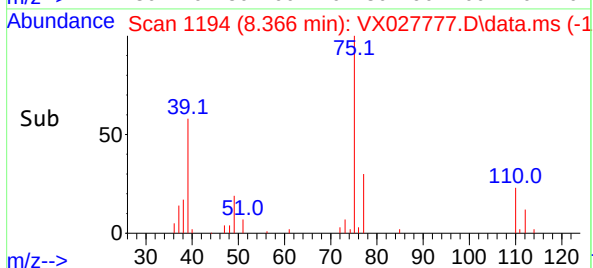
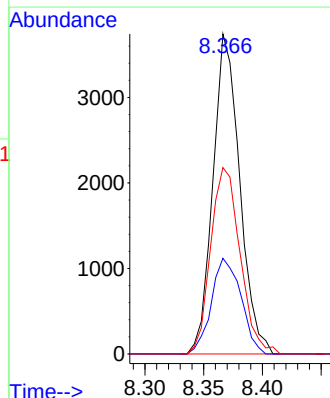
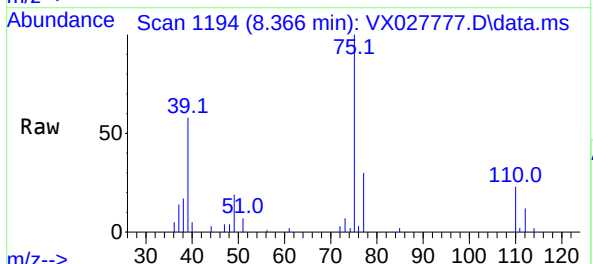
Tgt Ion: 75 Resp: 5930

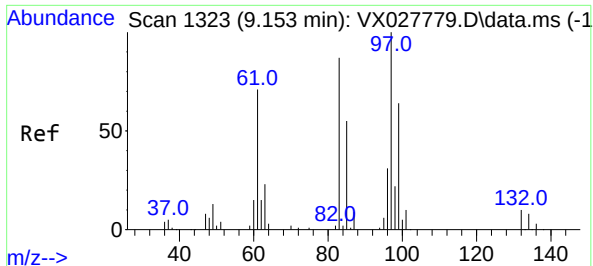
Ion Ratio Lower Upper

75 100

77 29.9 24.8 37.2

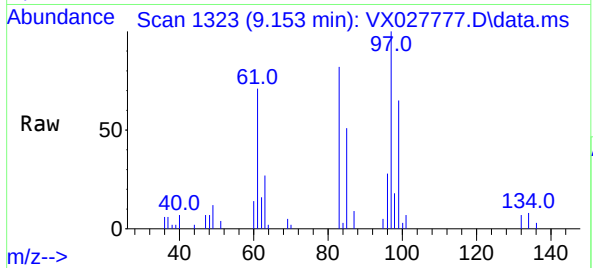
39 58.3 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 4.529 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

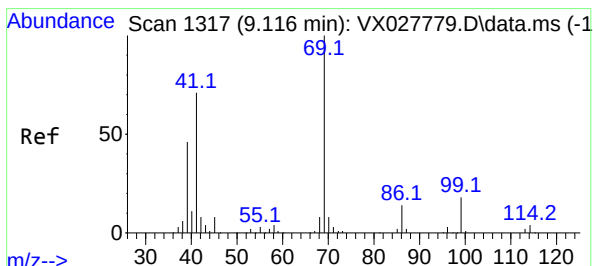
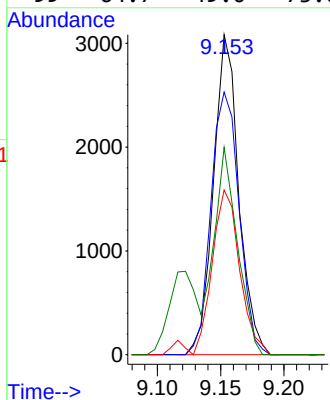
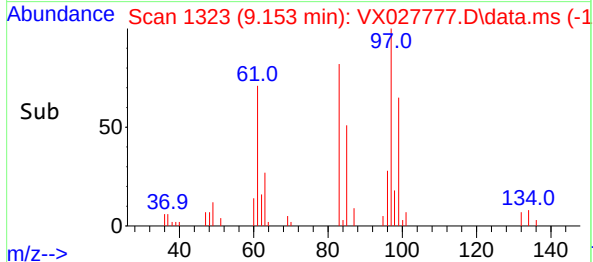


Tgt Ion: 97 Resp: 428

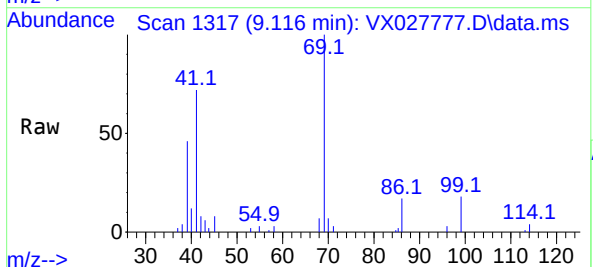
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.2	99.4
85	51.4	42.9	64.3
99	64.7	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

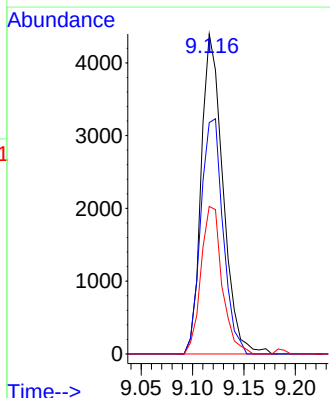
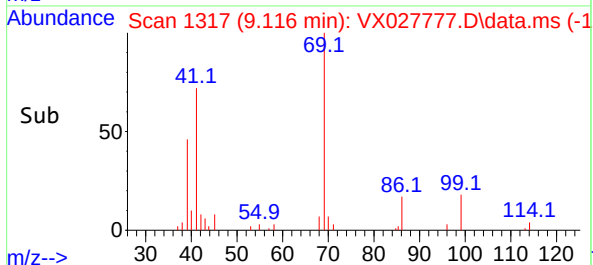


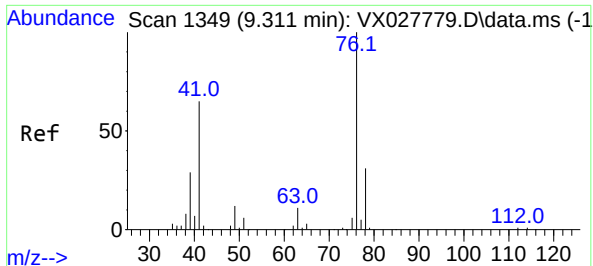
#56
Ethyl methacrylate
Concen: 4.223 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



Tgt Ion: 69 Resp: 6474

Ion	Ratio	Lower	Upper
69	100		
41	75.3	43.8	65.6#
39	44.9	22.2	33.2#





#57
1,3-Dichloropropane
Concen: 4.502 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

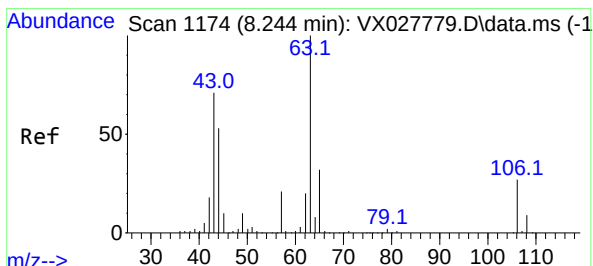
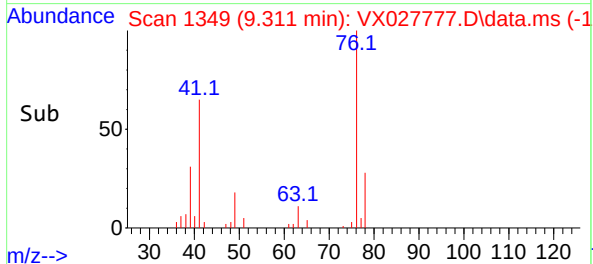
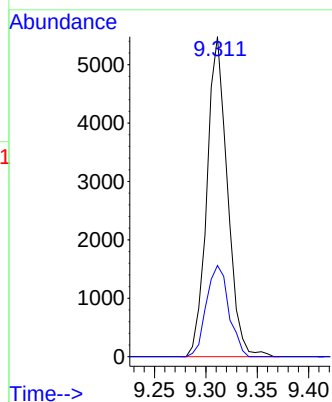
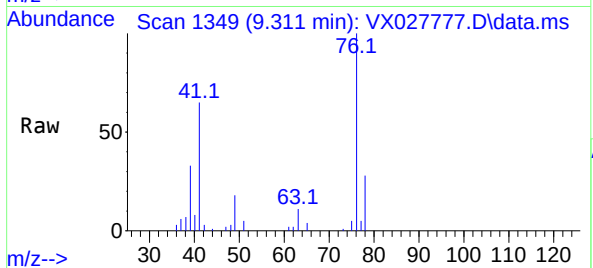
VSTDIC005

Tgt Ion: 76 Resp: 7609
Ion Ratio Lower Upper
76 100
78 31.2 25.8 38.8

Manual Integrations

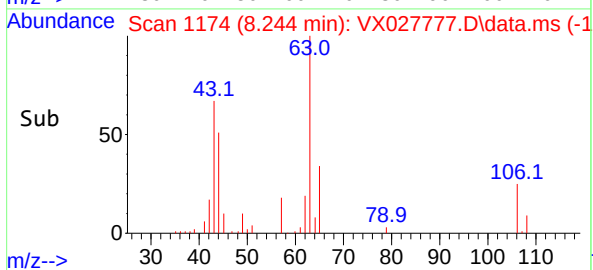
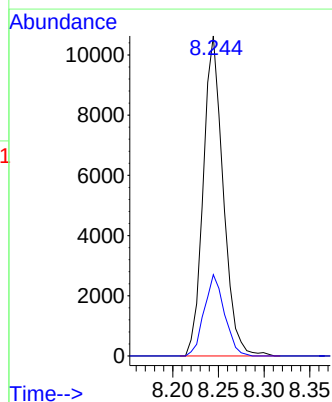
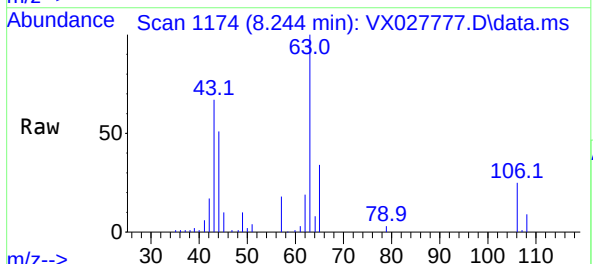
APPROVED

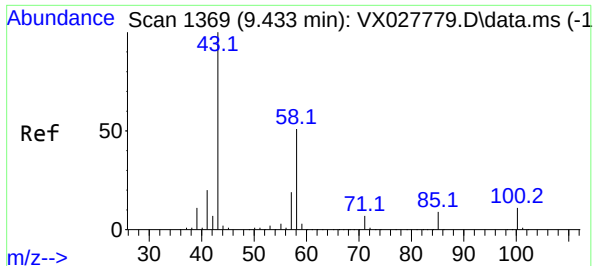
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#58
2-Chloroethyl Vinyl ether
Concen: 20.594 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 63 Resp: 16106
Ion Ratio Lower Upper
63 100
106 25.8 23.9 35.9





#59

2-Hexanone

Concen: 21.141 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027777.D

Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 2666

Ion Ratio Lower Upper

43 100

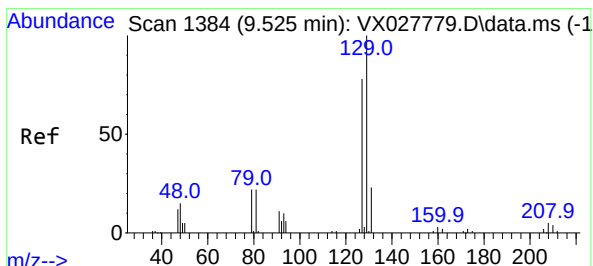
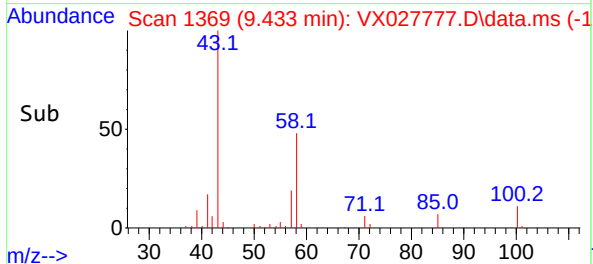
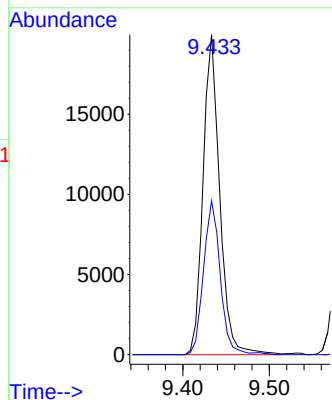
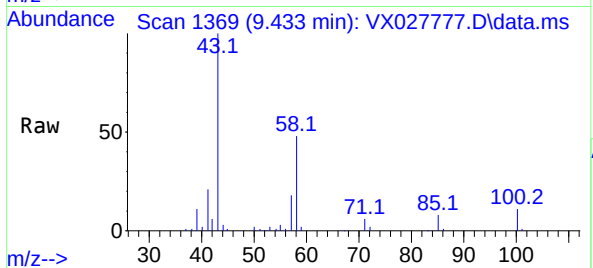
58 48.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#60

Dibromochloromethane

Concen: 4.451 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027777.D

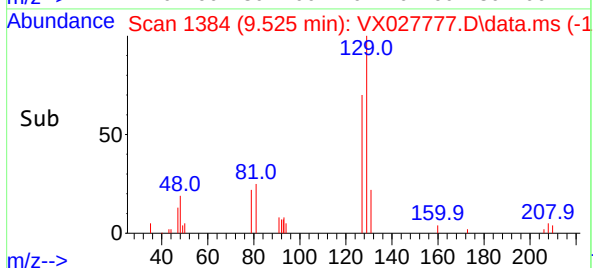
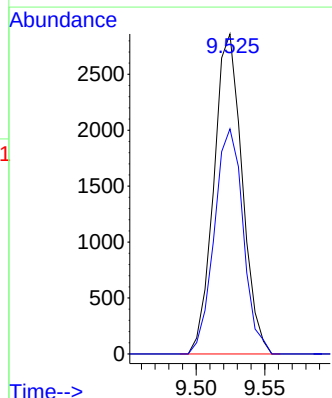
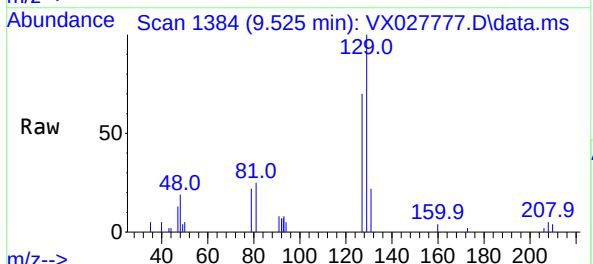
Acq: 29 Mar 2022 16:25

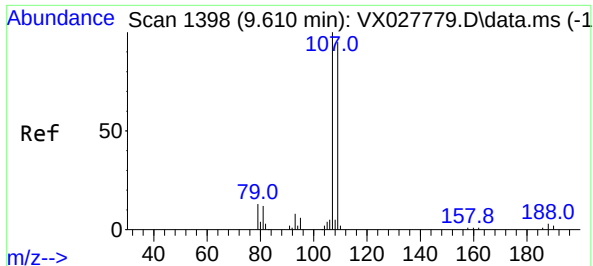
Tgt Ion:129 Resp: 4112

Ion Ratio Lower Upper

129 100

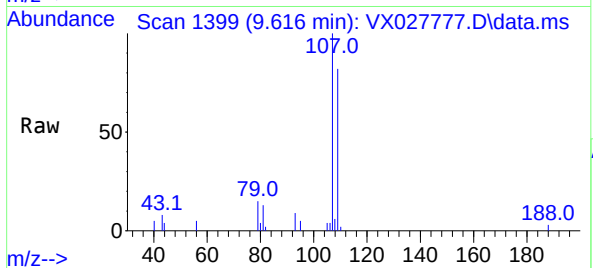
127 71.7 40.3 120.8





#61
1,2-Dibromoethane
Concen: 4.263 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

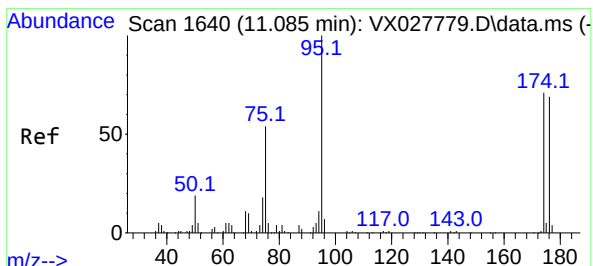
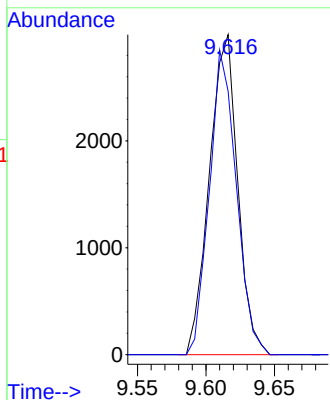
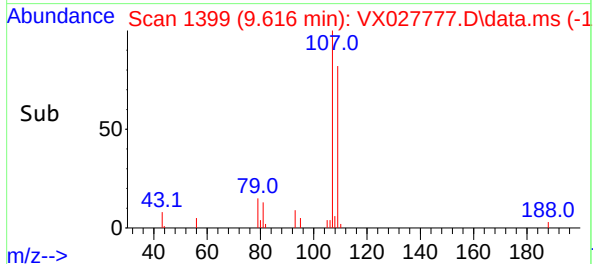
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



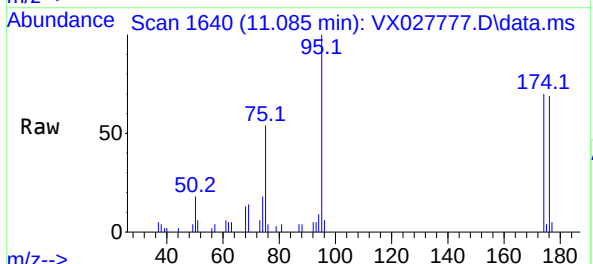
Tgt Ion:107 Resp: 4304
Ion Ratio Lower Upper
107 100
109 90.7 74.4 111.6

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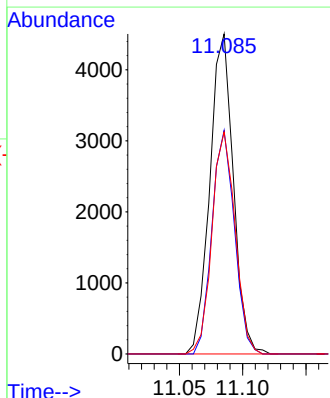
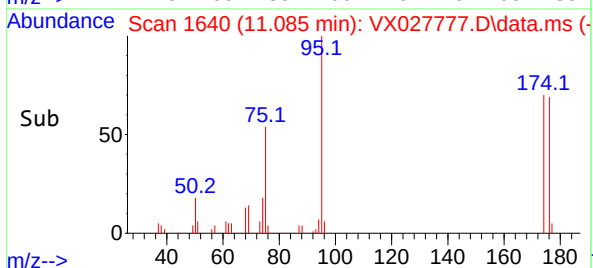
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

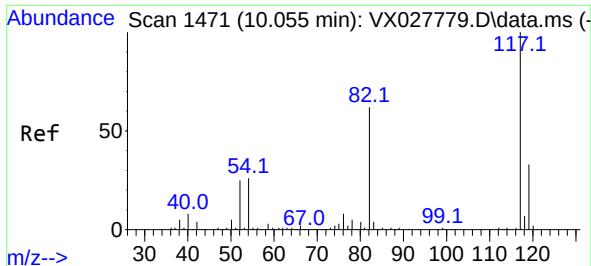


#62
4-Bromofluorobenzene
Concen: 4.305 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



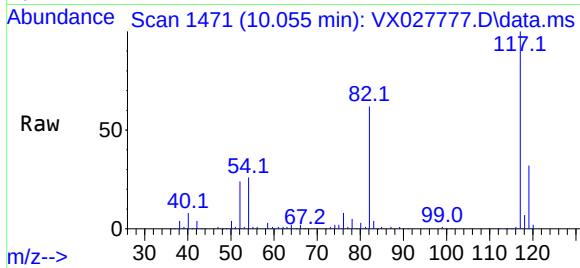
Tgt Ion: 95 Resp: 5824
Ion Ratio Lower Upper
95 100
174 66.9 0.0 163.0
176 68.3 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

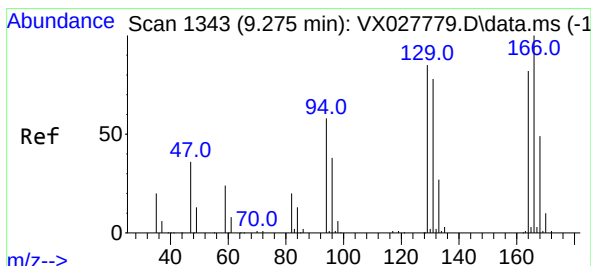
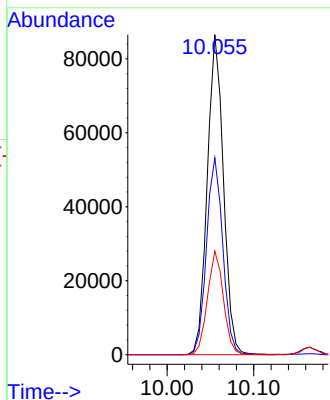
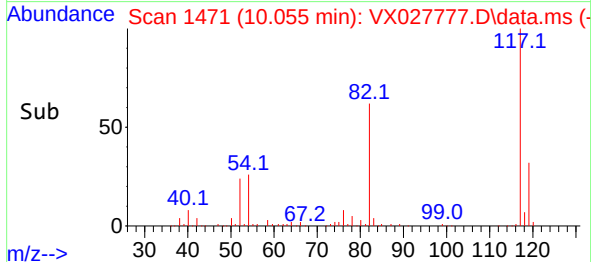
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 112389
Ion Ratio Lower Upper
117 100
82 61.5 41.8 62.8
119 32.3 24.8 37.2

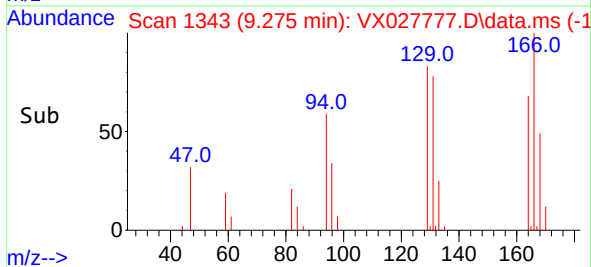
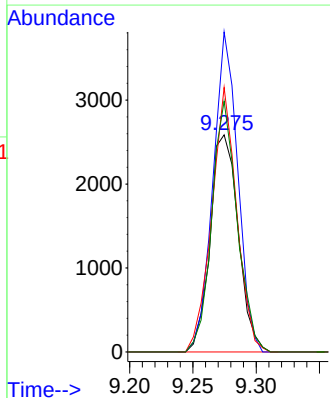
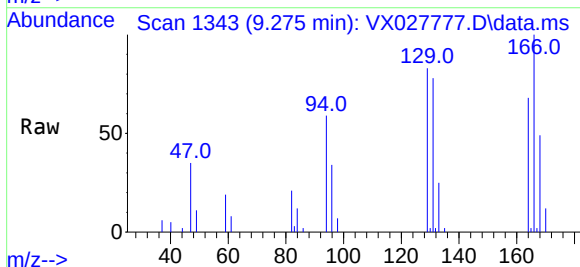
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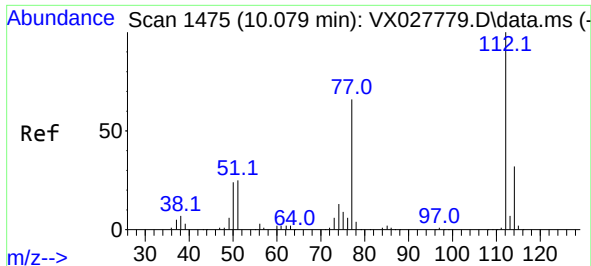
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#64
Tetrachloroethene
Concen: 4.711 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion:164 Resp: 3989
Ion Ratio Lower Upper
164 100
166 147.4 101.2 151.8
129 121.8 73.0 109.4#
131 115.5 74.2 111.2#





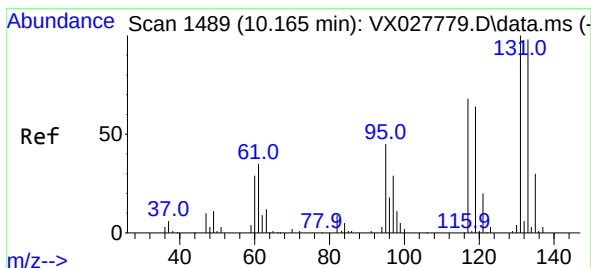
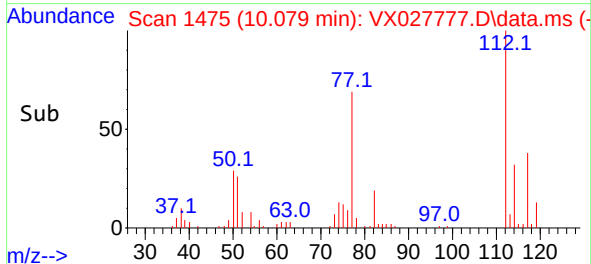
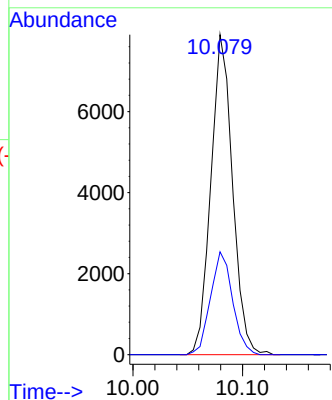
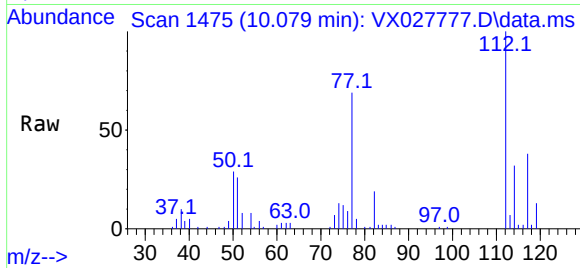
#65
Chlorobenzene
Concen: 4.572 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 10830
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

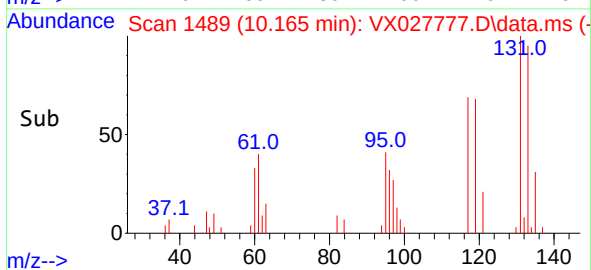
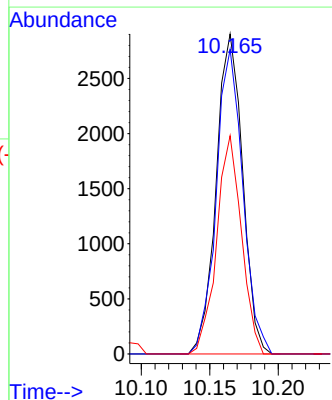
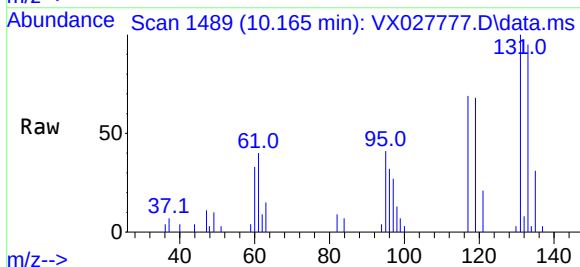
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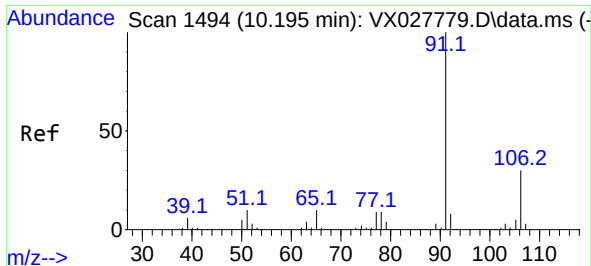
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.694 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion:131 Resp: 3888
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 64.1 32.6 98.0





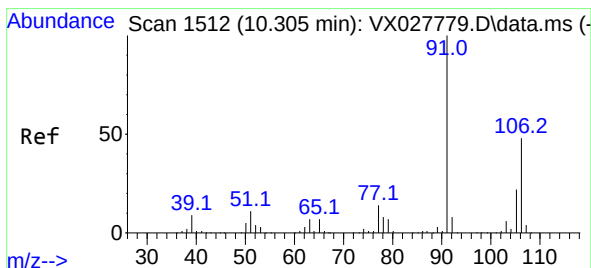
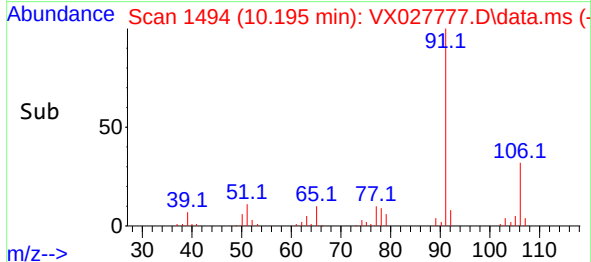
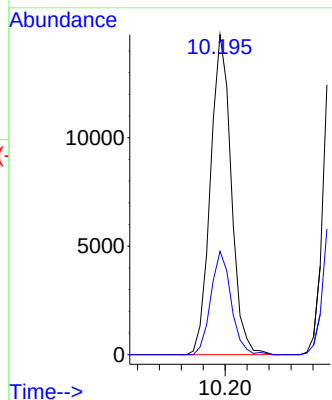
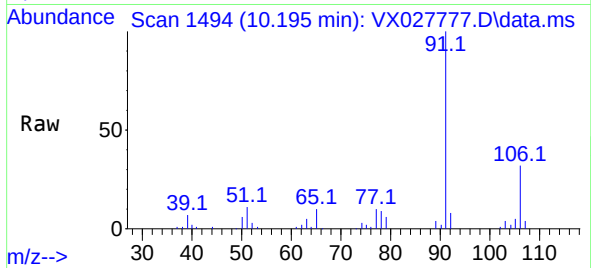
#67
Ethyl Benzene
Concen: 4.419 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1941
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

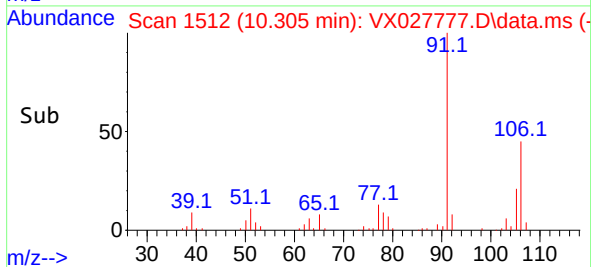
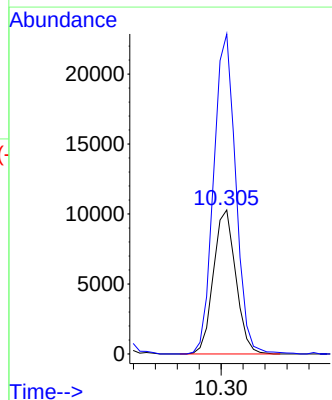
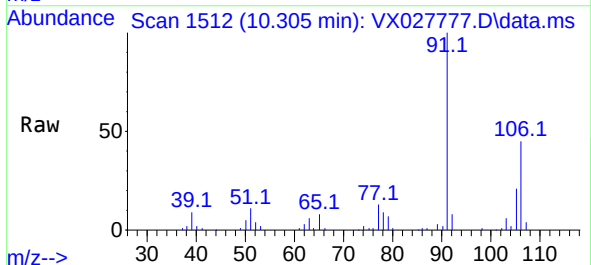
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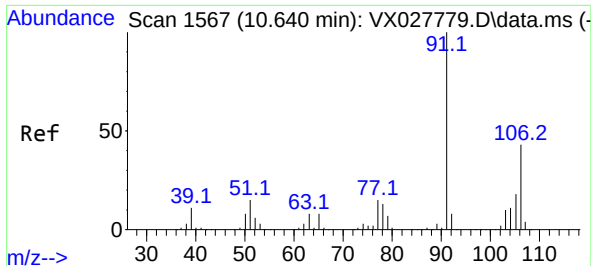
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#68
m/p-Xylenes
Concen: 9.157 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion:106 Resp: 14599
Ion Ratio Lower Upper
106 100
91 219.2 160.4 240.6





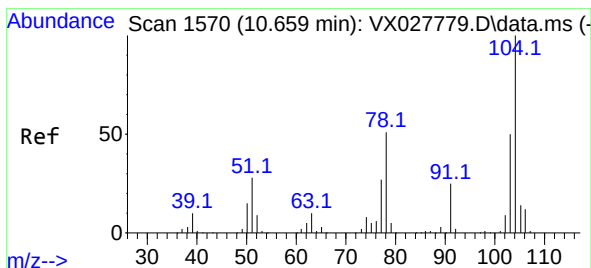
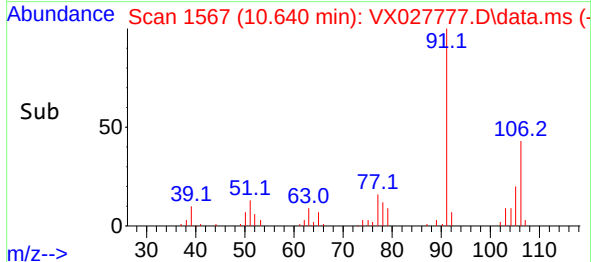
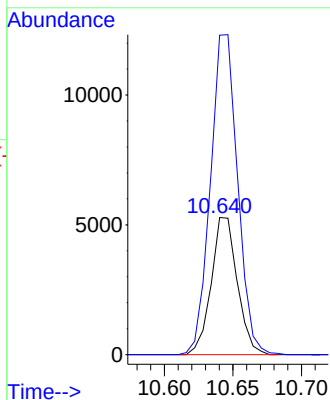
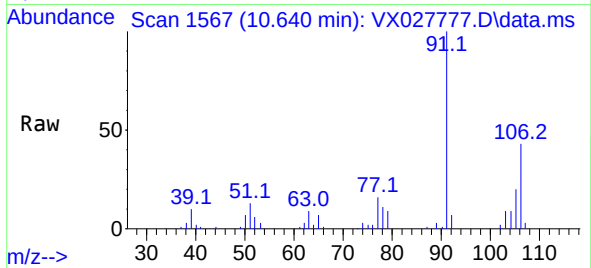
#69
o-Xylene
Concen: 4.357 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 6997
Ion Ratio Lower Upper
106 100
91 243.7 106.1 318.1

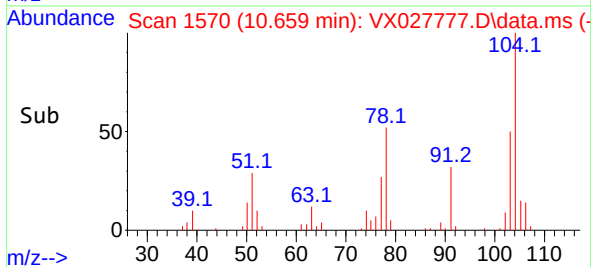
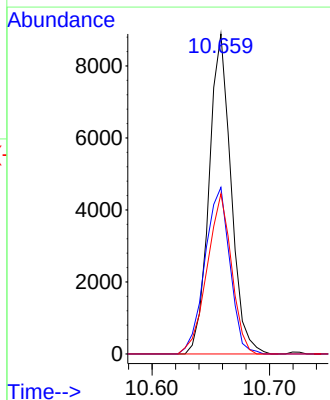
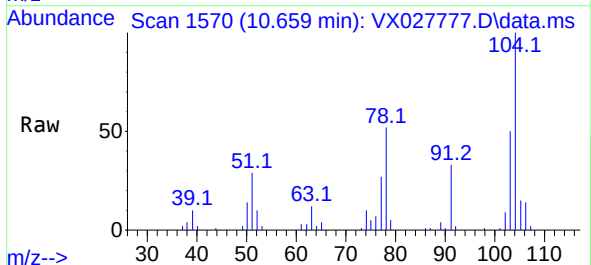
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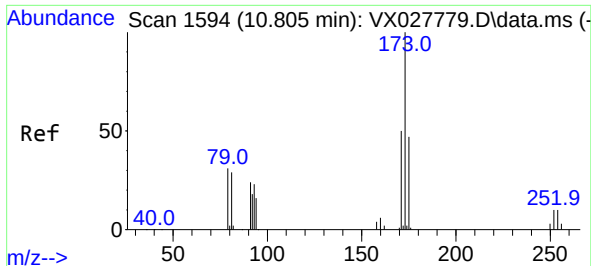
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#70
Styrene
Concen: 4.516 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion:104 Resp: 11554
Ion Ratio Lower Upper
104 100
78 59.1 38.6 57.8#
103 55.6 43.8 65.8





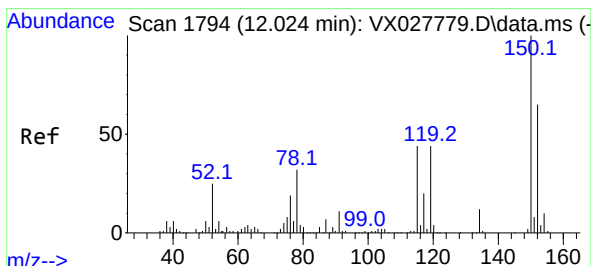
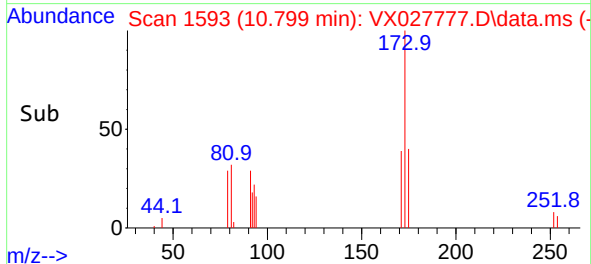
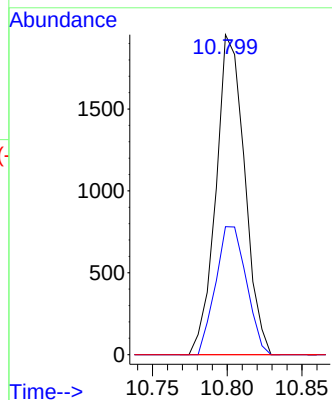
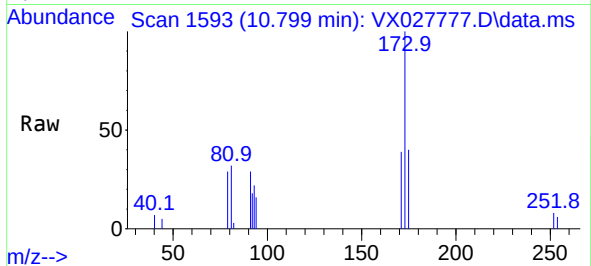
#71
Bromoform
Concen: 4.334 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 2600
Ion Ratio Lower Upper
173 100
175 42.8 24.1 72.2
254 0.0 0.1 0.1

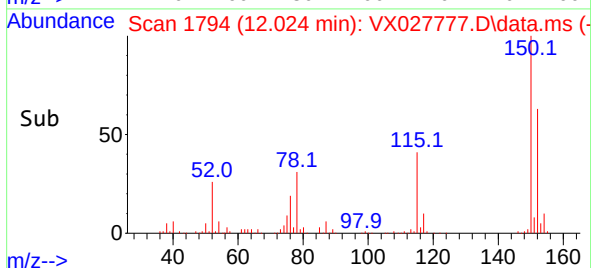
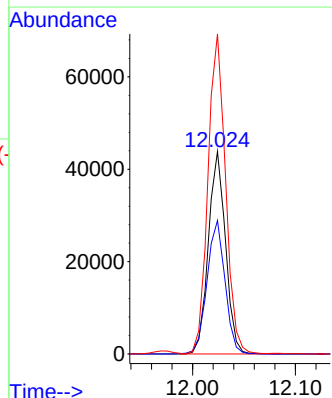
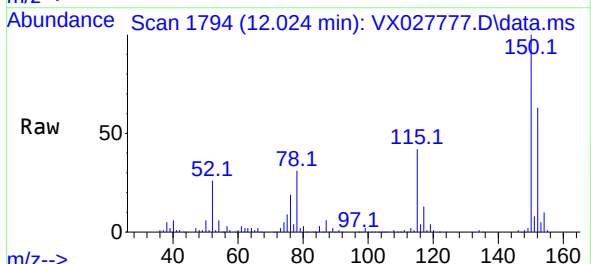
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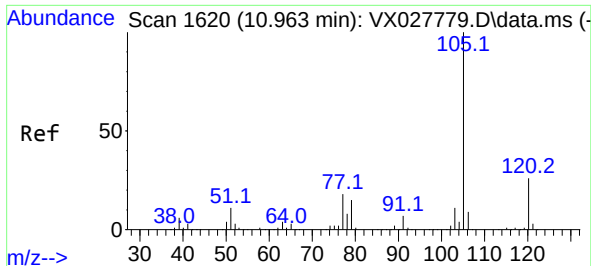
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion:152 Resp: 50866
Ion Ratio Lower Upper
152 100
115 69.1 37.5 112.7
150 161.8 0.0 338.2





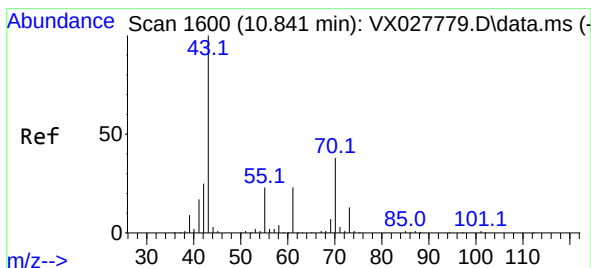
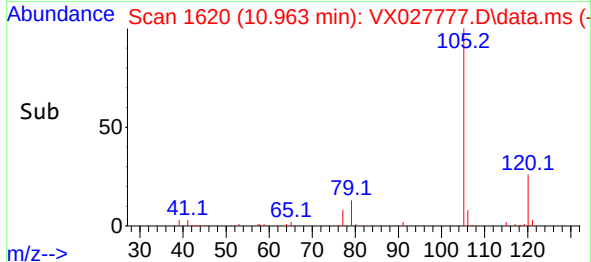
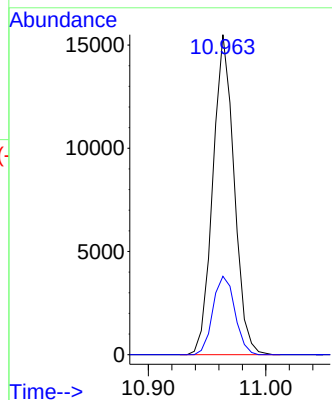
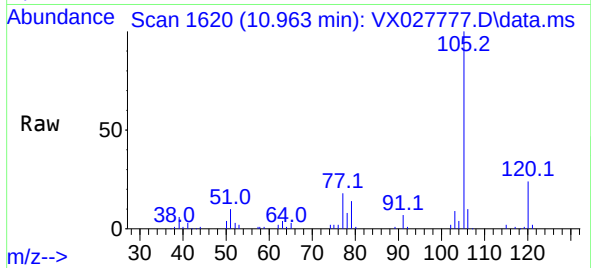
#73
Isopropylbenzene
Concen: 4.721 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 1950
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.5

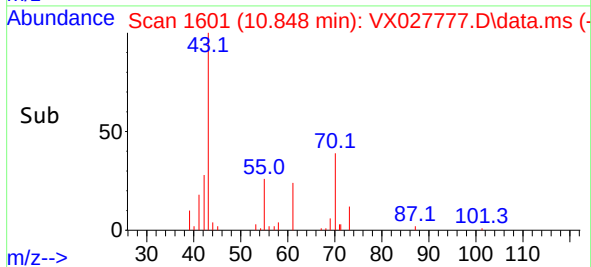
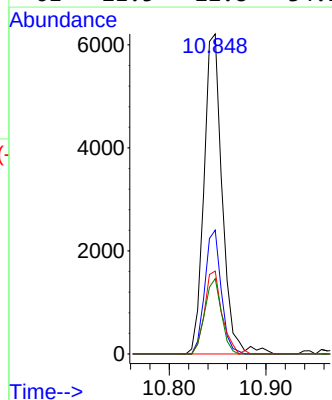
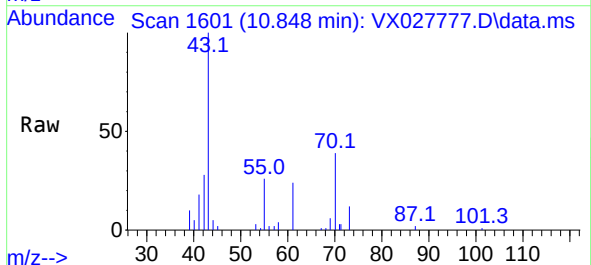
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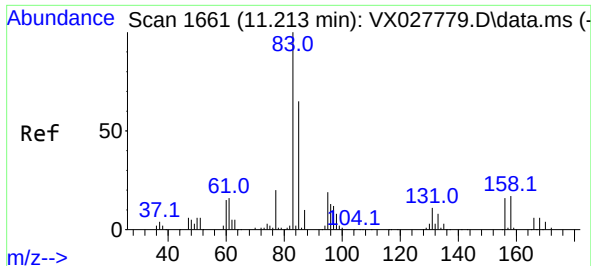
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#74
N-ethyl acetate
Concen: 4.125 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
70 34.6 42.5 63.7#
55 24.8 23.1 34.7
61 21.5 22.8 34.2#





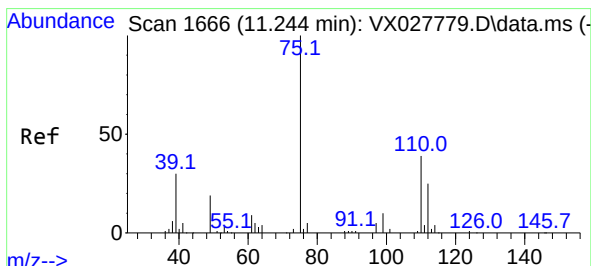
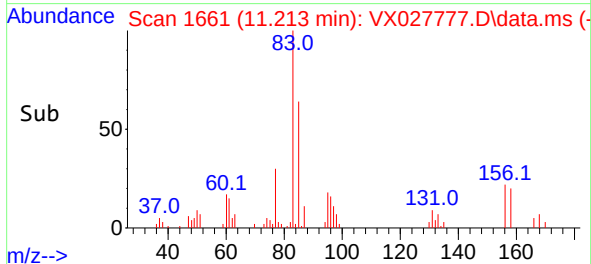
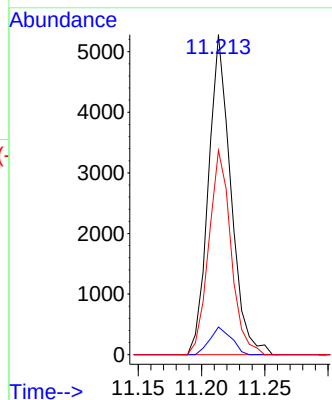
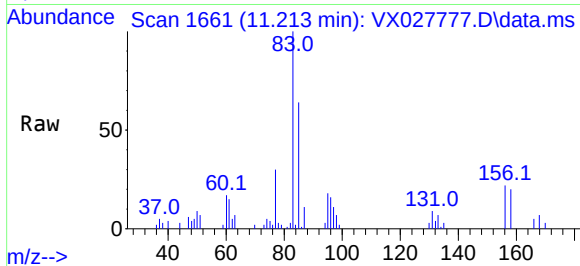
#75
1,1,2,2-Tetrachloroethane
Concen: 4.450 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 6498
Ion Ratio Lower Upper
83 100
131 8.3 5.1 15.3
85 63.3 32.6 97.7

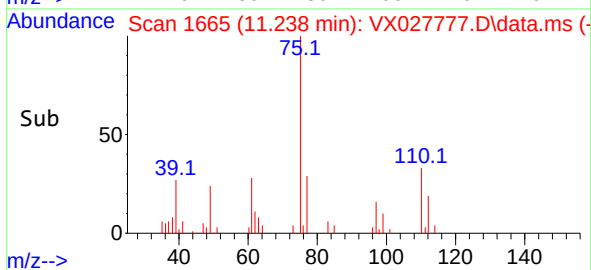
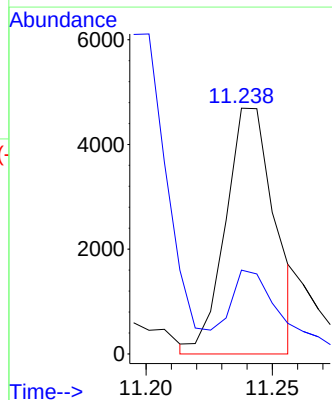
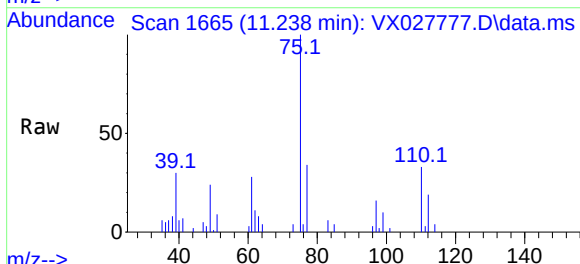
Manual Integrations
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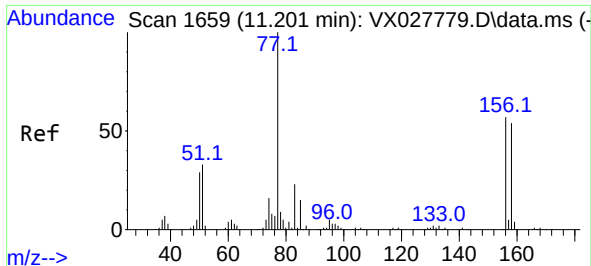
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#76
1,2,3-Trichloropropane
Concen: 4.544 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

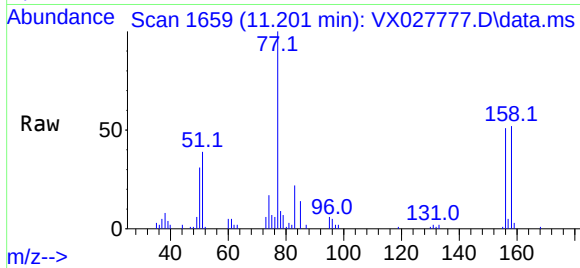
Tgt Ion: 75 Resp: 6347
Ion Ratio Lower Upper
75 100
77 36.5 19.4 58.2





#77
Bromobenzene
Concen: 4.640 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

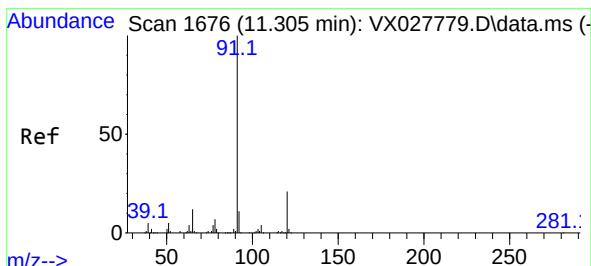
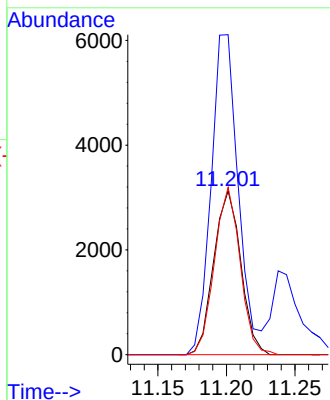
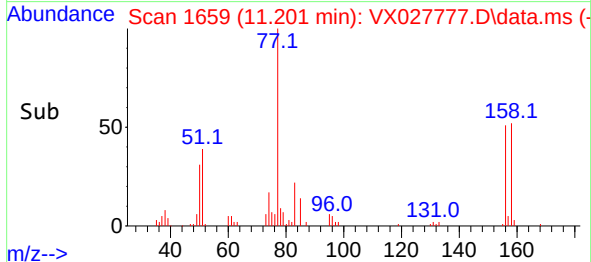
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



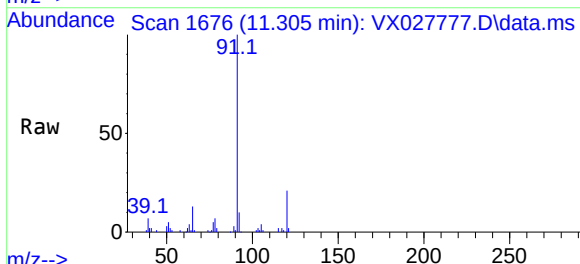
Tgt Ion:156 Resp: 4312
Ion Ratio Lower Upper
156 100
77 195.6 78.5 235.3
158 96.6 50.2 150.7

Manual Integrations
APPROVED

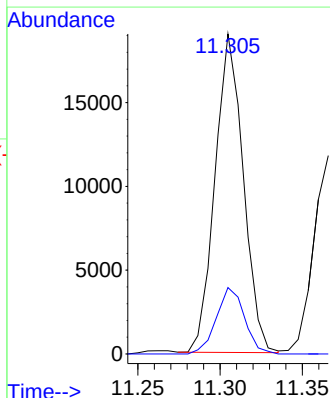
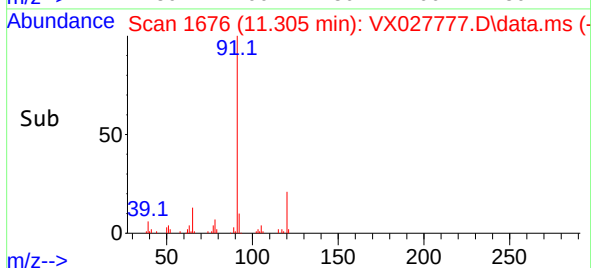
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

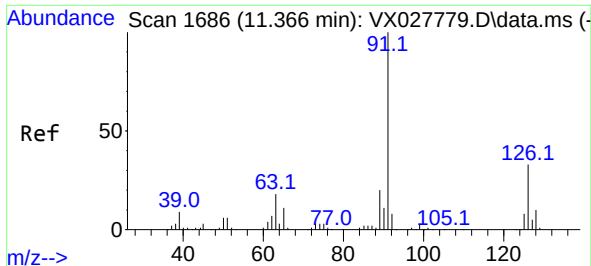


#78
n-propylbenzene
Concen: 4.632 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



Tgt Ion: 91 Resp: 22681
Ion Ratio Lower Upper
91 100
120 20.8 11.6 34.8





#79
2-Chlorotoluene
Concen: 4.805 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

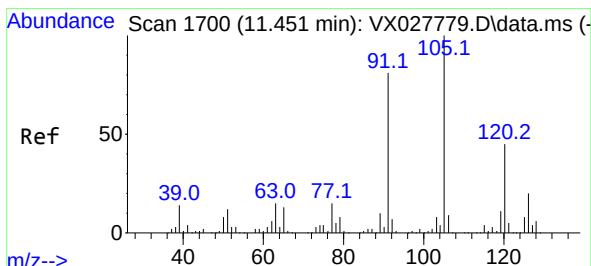
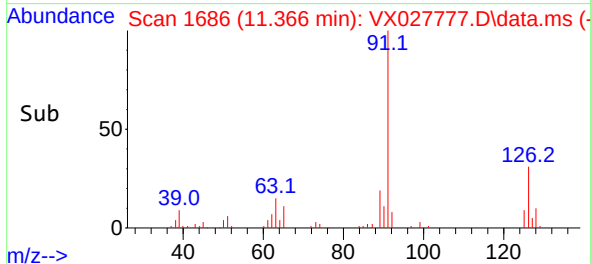
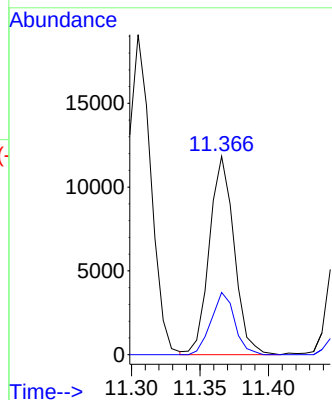
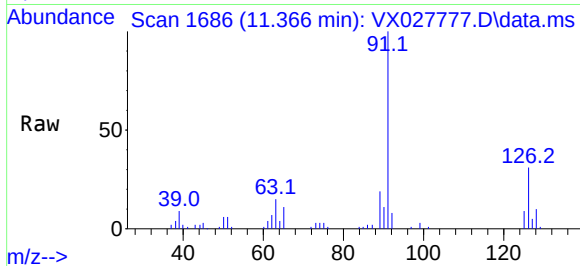
VSTDICC005

Tgt Ion: 91 Resp: 1488
Ion Ratio Lower Upper
91 100
126 29.8 17.3 51.9

Manual Integrations

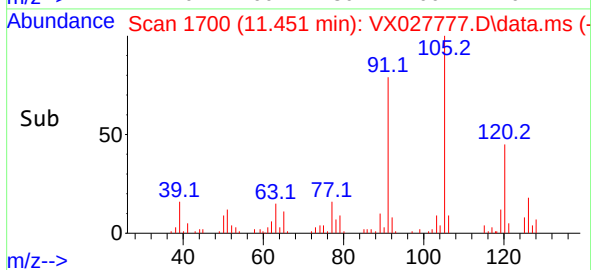
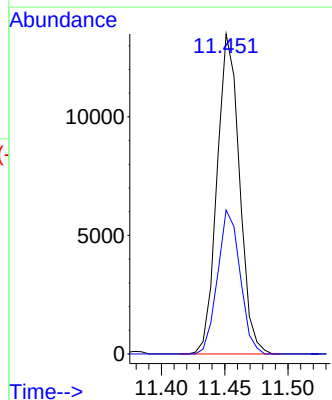
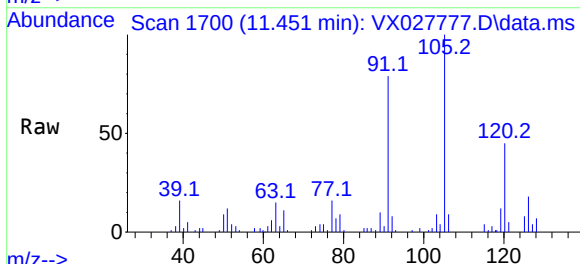
APPROVED

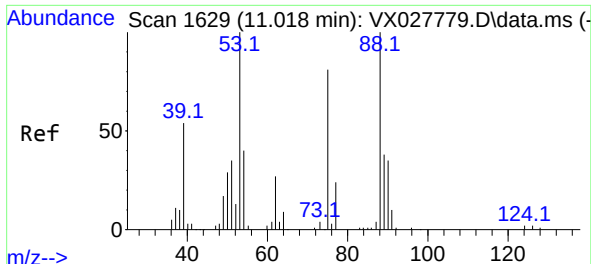
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.672 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

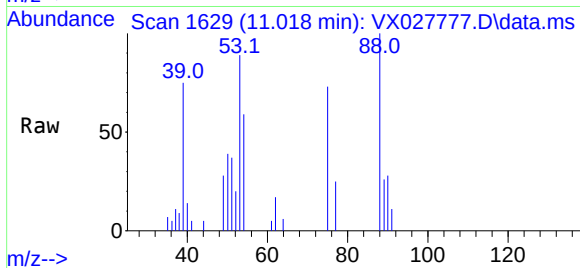
Tgt Ion:105 Resp: 16634
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 3.254 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

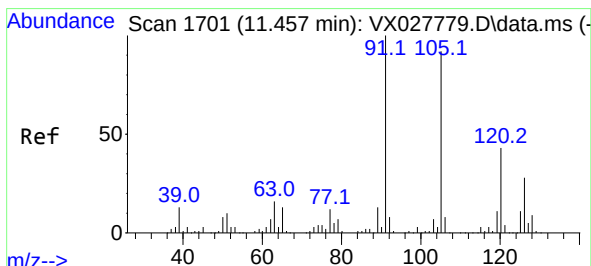
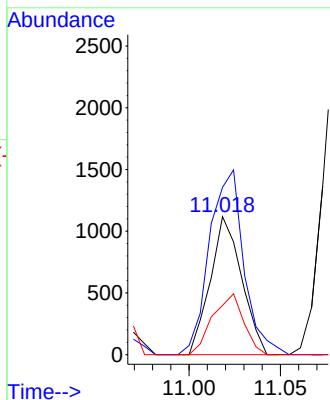
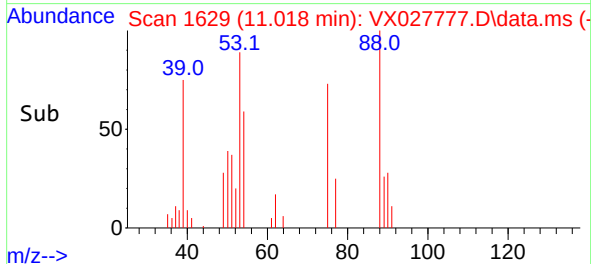
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



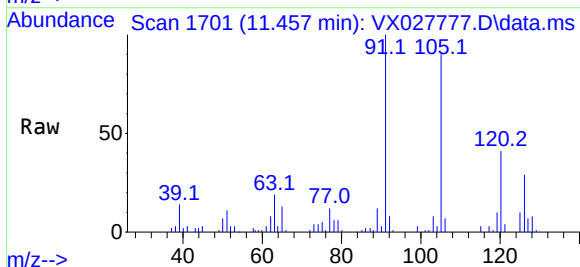
Tgt Ion: 75 Resp: 1337
Ion Ratio Lower Upper
75 100
53 146.7 69.0 103.4
89 43.6 37.0 55.6

Manual Integrations
APPROVED

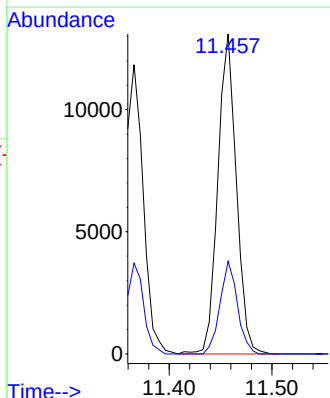
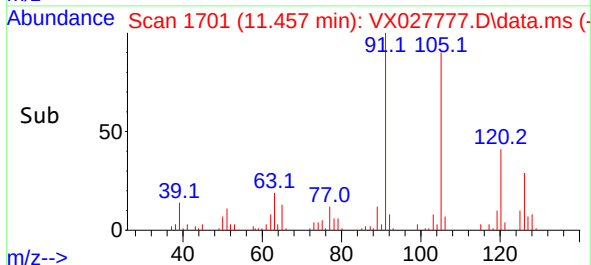
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

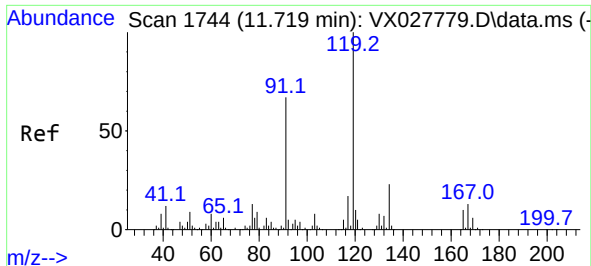


#82
4-Chlorotoluene
Concen: 4.583 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



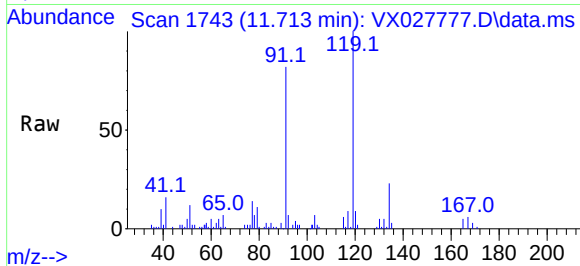
Tgt Ion: 91 Resp: 16350
Ion Ratio Lower Upper
91 100
126 27.3 14.9 44.5





#83
tert-Butylbenzene
Concen: 4.793 ug/l
RT: 11.713 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

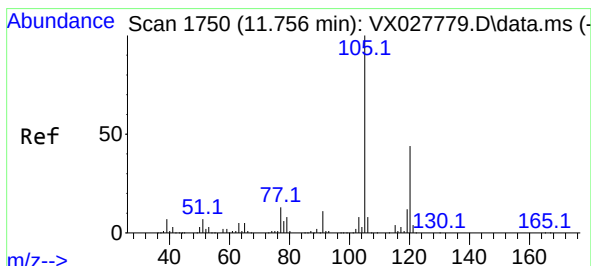
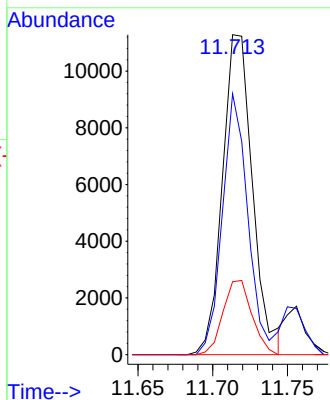
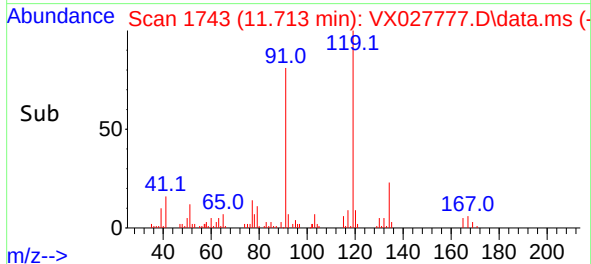
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



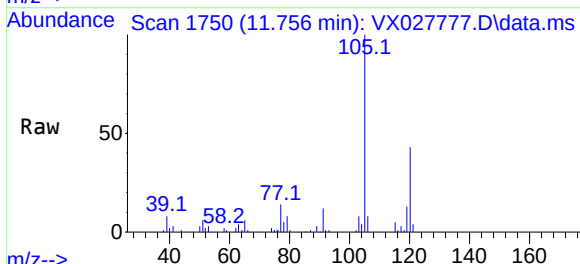
Tgt Ion:119 Resp: 1577
Ion Ratio Lower Upper
119 100
91 68.8 26.9 80.6
134 22.4 11.4 34.2

Manual Integrations
APPROVED

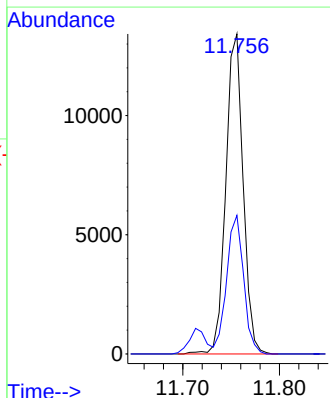
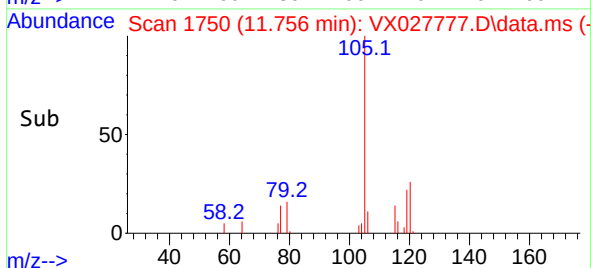
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

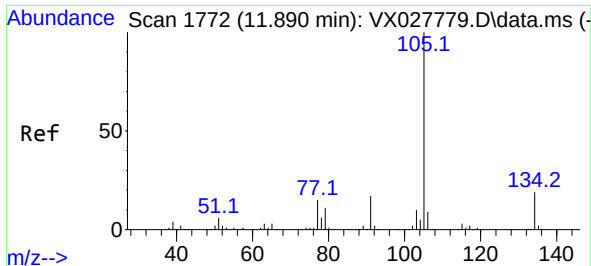


#84
1,2,4-Trimethylbenzene
Concen: 4.613 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



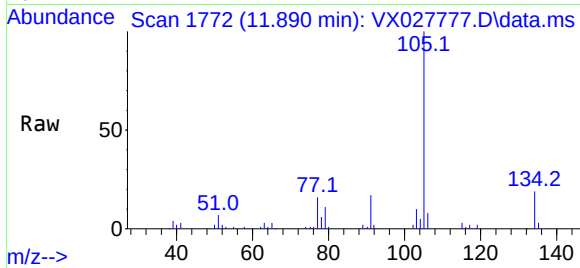
Tgt Ion:105 Resp: 16654
Ion Ratio Lower Upper
105 100
120 42.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 4.556 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027777.D
 Acq: 29 Mar 2022 16:25

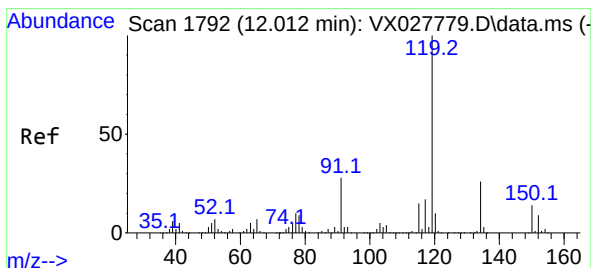
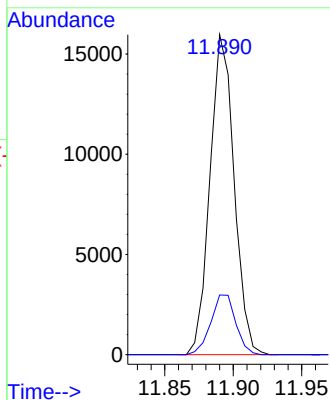
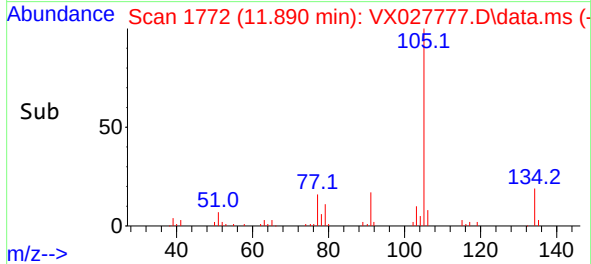
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



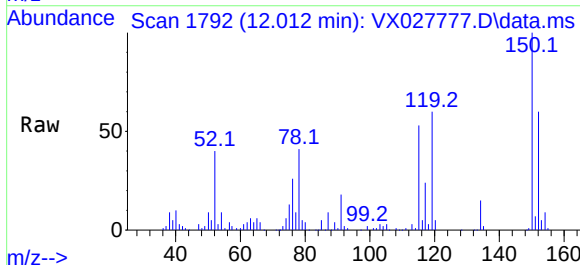
Tgt Ion:105 Resp: 1954
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

Manual Integrations
 APPROVED

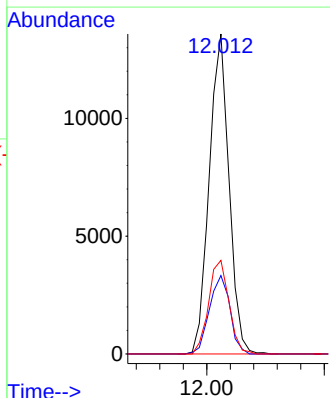
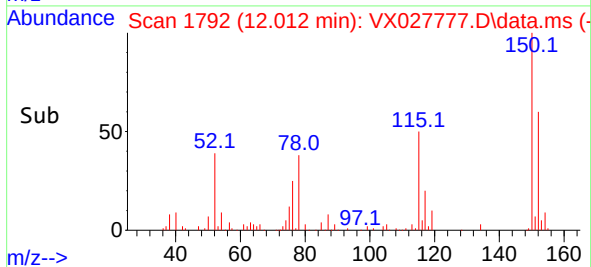
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022

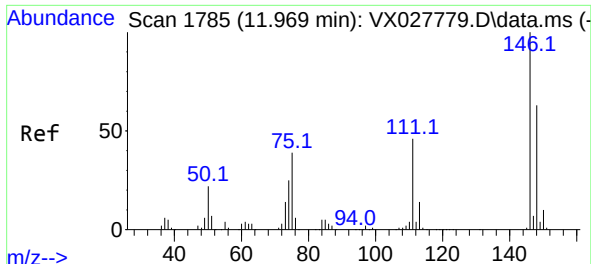


#86
 p-Isopropyltoluene
 Concen: 4.665 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027777.D
 Acq: 29 Mar 2022 16:25



Tgt Ion:119 Resp: 15829
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 30.2 11.3 33.9





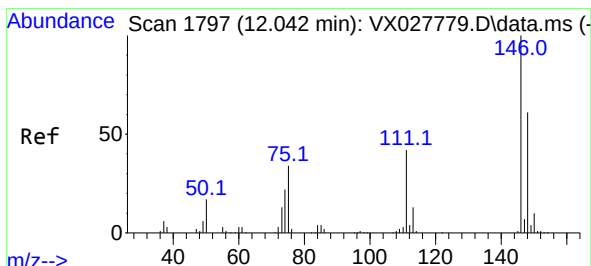
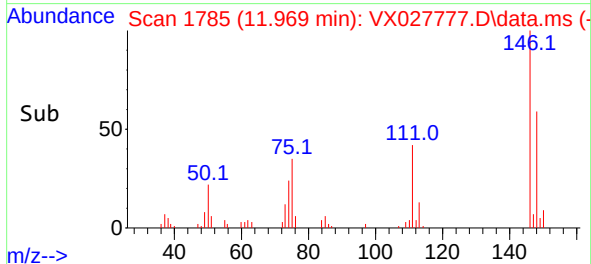
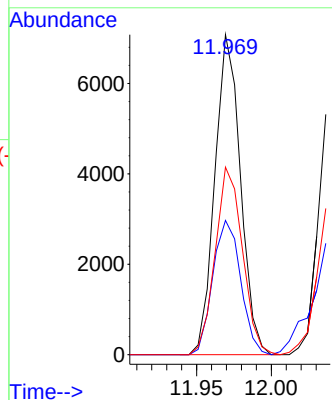
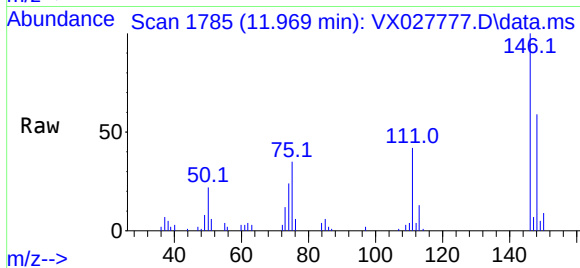
#87
1,3-Dichlorobenzene
Concen: 4.868 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 843
Ion Ratio Lower Upper
146 100
111 45.6 19.7 59.1
148 62.4 31.6 94.7

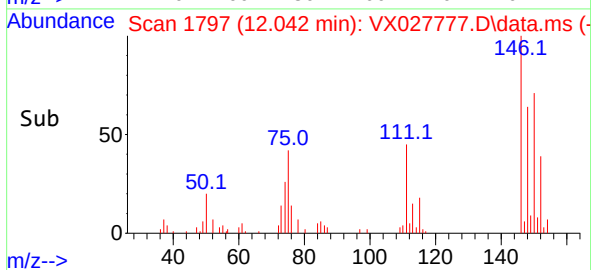
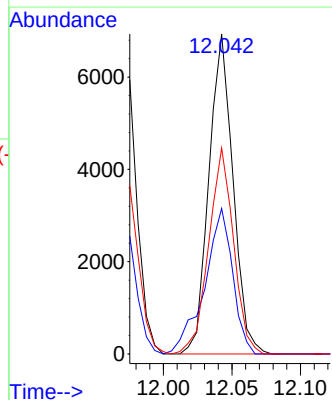
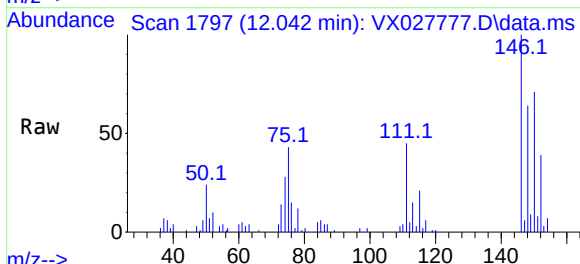
Manual Integrations
APPROVED

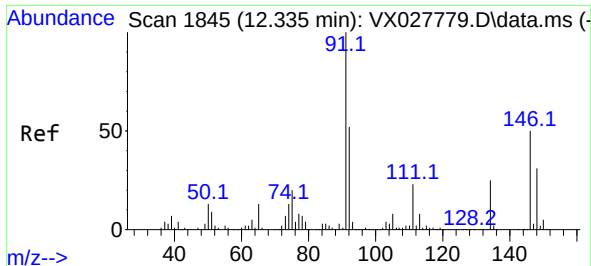
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#88
1,4-Dichlorobenzene
Concen: 4.720 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion:146 Resp: 8477
Ion Ratio Lower Upper
146 100
111 52.9 19.2 57.6
148 66.3 32.3 96.9





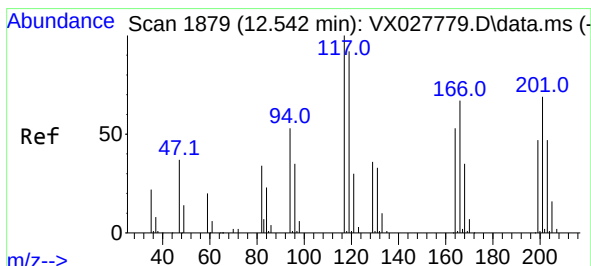
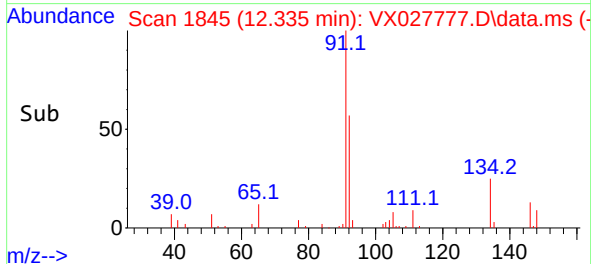
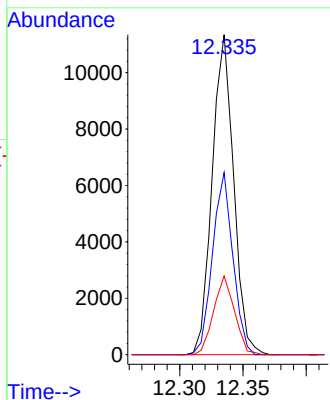
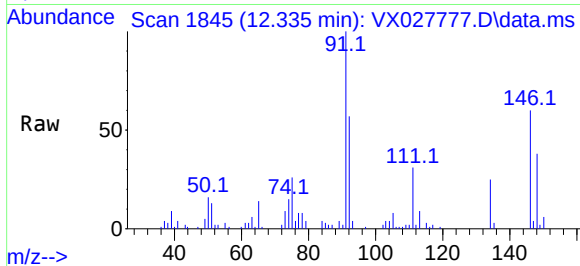
#89
n-Butylbenzene
Concen: 4.175 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 13370
Ion Ratio Lower Upper
91 100
92 54.0 27.8 83.3
134 23.9 13.3 39.8

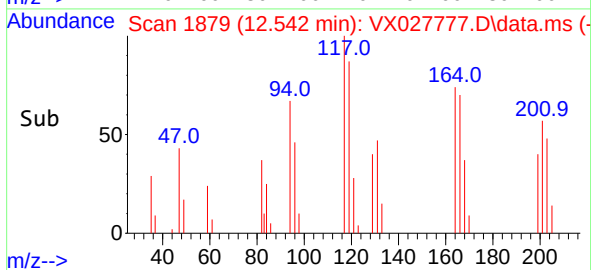
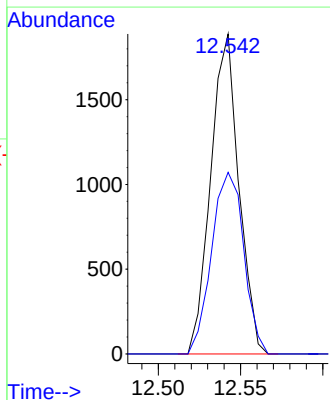
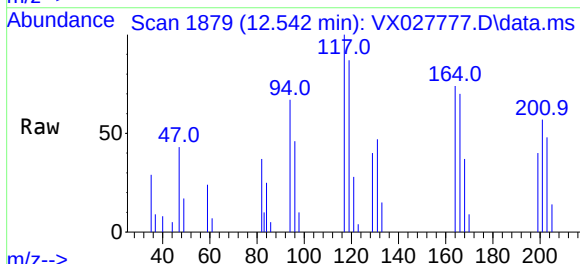
Manual Integrations
APPROVED

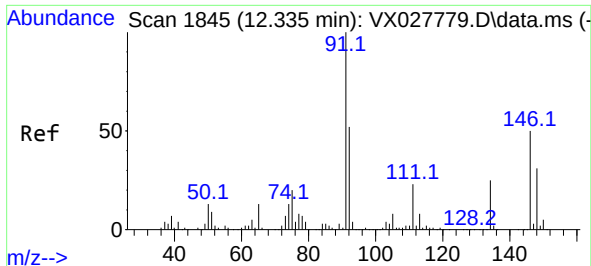
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#90
Hexachloroethane
Concen: 4.145 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion:117 Resp: 2246
Ion Ratio Lower Upper
117 100
201 64.8 39.5 118.5





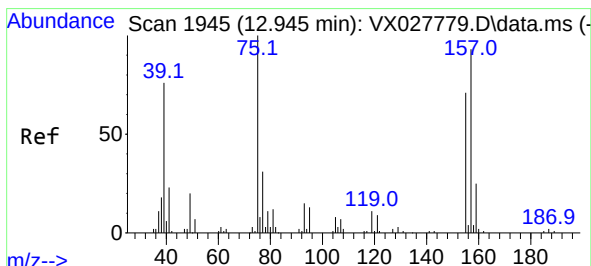
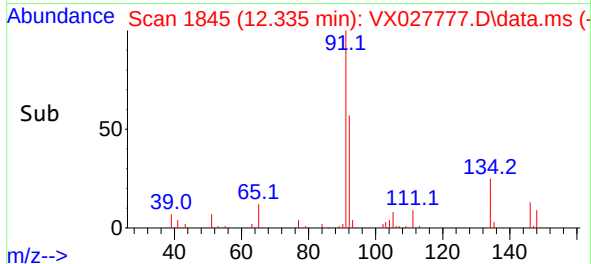
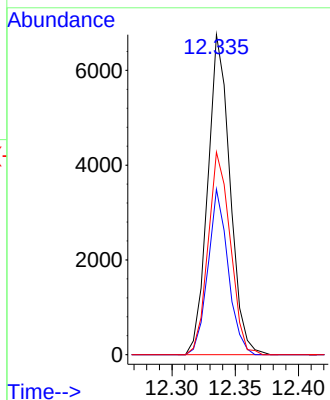
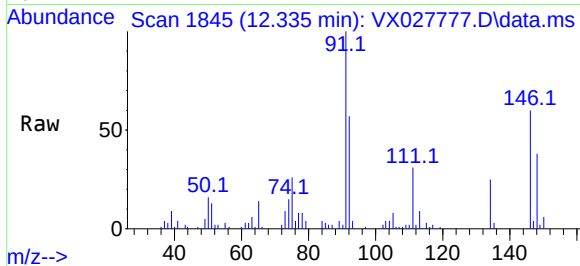
#91
1,2-Dichlorobenzene
Concen: 4.912 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 824
Ion Ratio Lower Upper
146 100
111 46.8 21.0 63.0
148 63.3 32.6 97.7

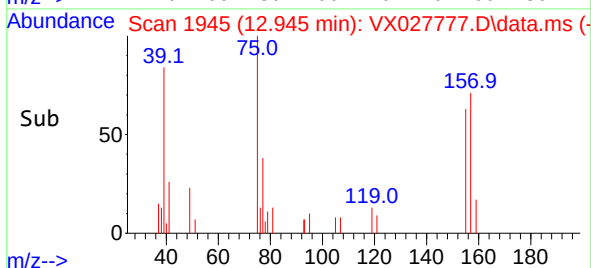
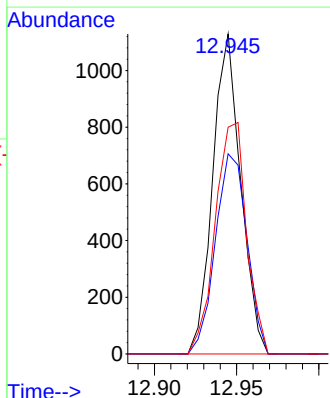
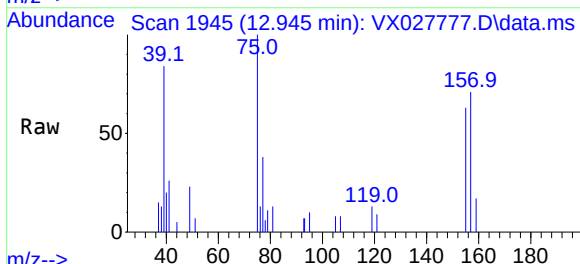
Manual Integrations
APPROVED

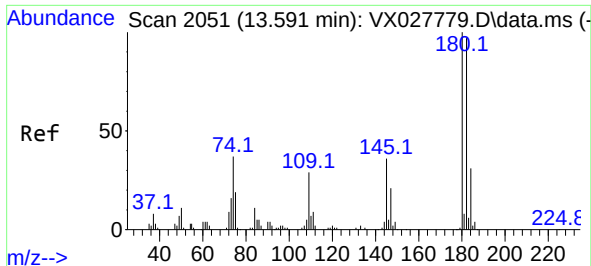
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.706 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

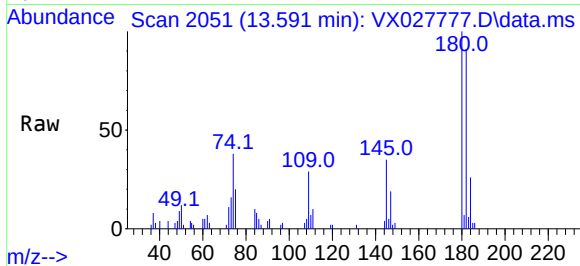
Tgt Ion: 75 Resp: 1333
Ion Ratio Lower Upper
75 100
155 70.8 47.0 141.2
157 81.0 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 4.973 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

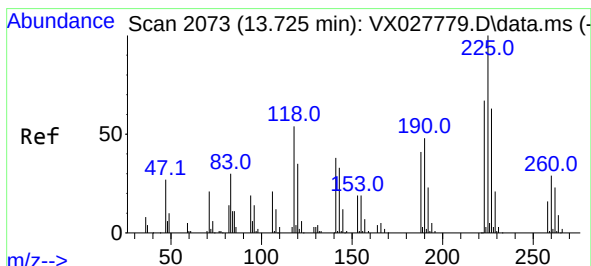
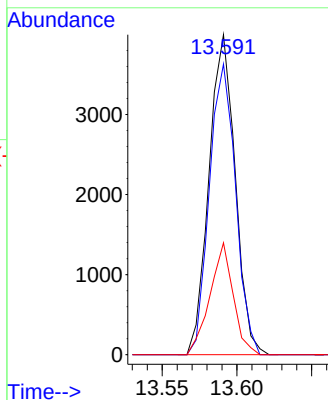
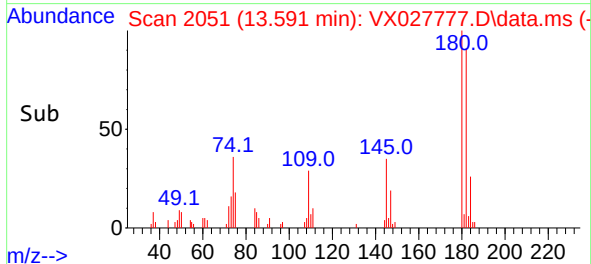
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



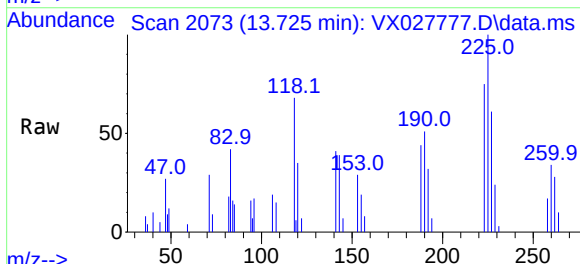
Tgt Ion:180 Resp: 4869
Ion Ratio Lower Upper
180 100
182 90.7 47.7 143.1
145 31.1 15.2 45.5

Manual Integrations
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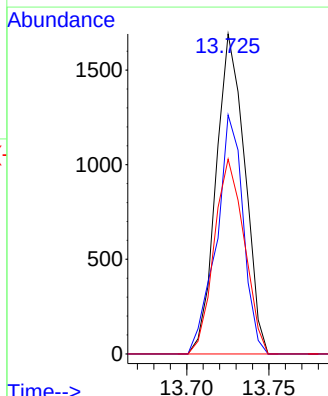
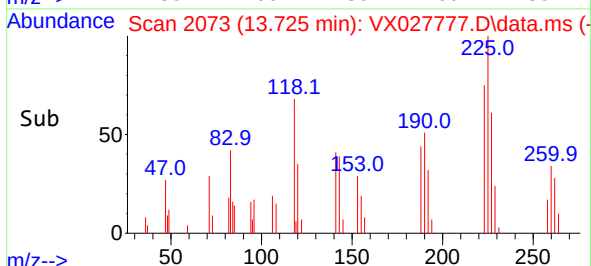
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

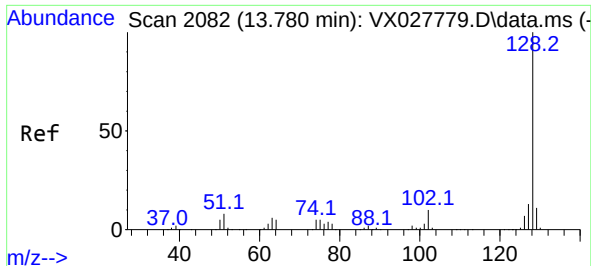


#94
Hexachlorobutadiene
Concen: 4.322 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25



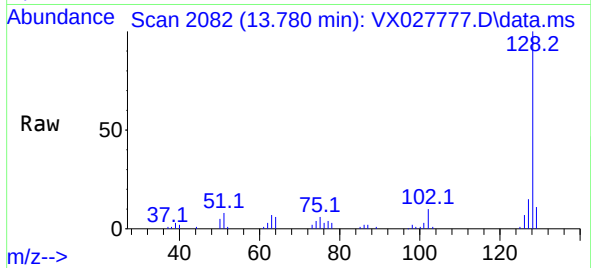
Tgt Ion:225 Resp: 2054
Ion Ratio Lower Upper
225 100
223 69.7 34.2 102.5
227 63.8 33.9 101.7





#95
Naphthalene
Concen: 4.437 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

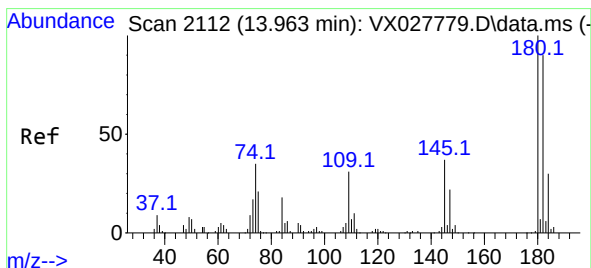
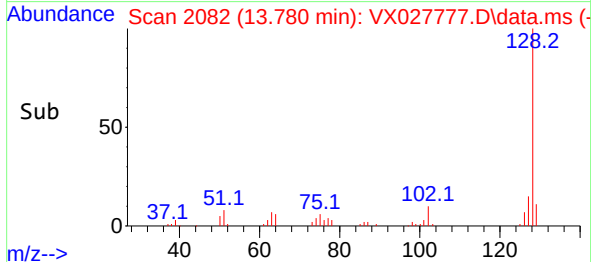
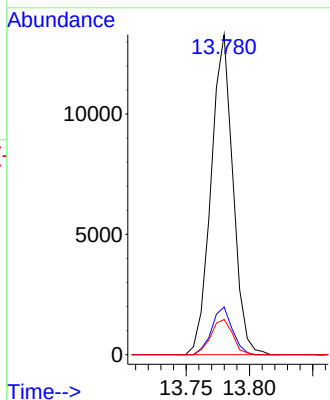
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 16028
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.632 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027777.D
Acq: 29 Mar 2022 16:25

Tgt Ion:180 Resp: 4572
Ion Ratio Lower Upper
180 100
182 95.7 50.0 149.8
145 34.8 16.2 48.5

