

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031160.D
 Acq On : 07 Sep 2022 15:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 07 23:24:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	53776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68023	53.428	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.860%			
35) Dibromofluoromethane	5.385	113	51001	53.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.060%			
50) Toluene-d8	8.653	98	179432	51.836	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.680%			
62) 4-Bromofluorobenzene	11.079	95	68948	54.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40798	47.209	ug/l	97
3) Chloromethane	1.288	50	29694	44.714	ug/l	97
4) Vinyl Chloride	1.374	62	35933	45.837	ug/l	98
5) Bromomethane	1.611	94	24519	48.953	ug/l	97
6) Chloroethane	1.684	64	21734	49.422	ug/l	97
7) Trichlorofluoromethane	1.886	101	81893	47.941	ug/l	95
8) Diethyl Ether	2.130	74	24925	51.372	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	48131	49.826	ug/l	97
10) Methyl Iodide	2.447	142	57494	48.134	ug/l #	87
11) Tert butyl alcohol	3.001	59	64482	286.972	ug/l	99
12) 1,1-Dichloroethene	2.318	96	42755	47.090	ug/l	90
13) Acrolein	2.239	56	44820	253.477	ug/l	98
14) Allyl chloride	2.660	41	60230	49.381	ug/l #	81
15) Acrylonitrile	3.068	53	127876	263.774	ug/l	97
16) Acetone	2.392	43	111497	252.922	ug/l	94
17) Carbon Disulfide	2.507	76	110593	49.544	ug/l	100
18) Methyl Acetate	2.703	43	58920	51.629	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	169311	52.502	ug/l #	90
20) Methylene Chloride	2.788	84	50760	48.991	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	48228	47.940	ug/l	96
22) Diisopropyl ether	3.757	45	127171	49.653	ug/l	92
23) Vinyl Acetate	3.721	43	573746	266.886	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	86496	50.915	ug/l	97
25) 2-Butanone	4.562	43	169790	260.024	ug/l	91
26) 2,2-Dichloropropane	4.471	77	77088	50.710	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	57578	49.851	ug/l	99
28) Bromochloromethane	4.897	49	34490	55.990	ug/l #	81
29) Tetrahydrofuran	5.007	42	101800	264.061	ug/l #	81
30) Chloroform	5.098	83	99384	49.457	ug/l	97
31) Cyclohexane	5.470	56	67853	47.692	ug/l #	83
32) 1,1,1-Trichloroethane	5.379	97	89031	49.157	ug/l	97
36) 1,1-Dichloropropene	5.690	75	69008	48.366	ug/l	96
37) Ethyl Acetate	4.714	43	66743	52.730	ug/l	96
38) Carbon Tetrachloride	5.678	117	75980	50.613	ug/l	97
39) Methylcyclohexane	7.379	83	82840	50.836	ug/l	94
40) Benzene	6.037	78	191784	49.480	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34901	52.732	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	82001	51.673	ug/l	97
43) Isopropyl Acetate	6.342	43	105497	52.863	ug/l #	95
44) Trichloroethene	7.123	130	52306	48.009	ug/l	94
45) 1,2-Dichloropropane	7.427	63	47840	50.224	ug/l	98
46) Dibromomethane	7.580	93	38720	51.262	ug/l	97
47) Bromodichloromethane	7.824	83	79476	54.091	ug/l	97
48) Methyl methacrylate	7.696	41	52435	53.956	ug/l	90
49) 1,4-Dioxane	7.696	88	28957	1079.383	ug/l	91
51) 4-Methyl-2-Pentanone	8.573	43	325185	266.101	ug/l	91
52) Toluene	8.720	92	126867	49.626	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86088	56.243	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	89307	54.347	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	55076	52.401	ug/l	96
56) Ethyl methacrylate	9.116	69	84619	54.646	ug/l	92
57) 1,3-Dichloropropane	9.311	76	91529	50.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	187989	257.587	ug/l	92
59) 2-Hexanone	9.433	43	245575	265.736	ug/l	90
60) Dibromochloromethane	9.525	129	61271	56.544	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61211	52.406	ug/l	96
64) Tetrachloroethene	9.275	164	48218	49.395	ug/l	93
65) Chlorobenzene	10.079	112	135173	48.961	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	54734	50.756	ug/l	96
67) Ethyl Benzene	10.195	91	250755	50.119	ug/l	100
68) m/p-Xylenes	10.305	106	190803	102.878	ug/l	92
69) o-Xylene	10.640	106	92636	50.047	ug/l	87
70) Styrene	10.658	104	155680	52.448	ug/l	93
71) Bromoform	10.799	173	41046	57.127	ug/l #	99
73) Isopropylbenzene	10.963	105	250725	49.908	ug/l	97
74) N-amyl acetate	10.841	43	84485	52.823	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	79080	50.426	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	76620m	48.527	ug/l	
77) Bromobenzene	11.201	156	55029	50.400	ug/l	94
78) n-propylbenzene	11.305	91	289022	50.471	ug/l	99
79) 2-Chlorotoluene	11.366	91	176827	49.842	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	212881	50.405	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	26903	54.949	ug/l	97
82) 4-Chlorotoluene	11.457	91	205952	50.175	ug/l	95
83) tert-Butylbenzene	11.713	119	204319	49.075	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	211303	51.463	ug/l	95
85) sec-Butylbenzene	11.890	105	255509	49.552	ug/l	99
86) p-Isopropyltoluene	12.012	119	218797	52.524	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	102452	50.487	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	105868	50.731	ug/l	96
89) n-Butylbenzene	12.335	91	194124	54.049	ug/l	98
90) Hexachloroethane	12.542	117	37074	51.797	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	99574	50.037	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21004	48.767	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	62912	54.061	ug/l	96
94) Hexachlorobutadiene	13.725	225	24488	49.554	ug/l	97
95) Naphthalene	13.774	128	242043	53.095	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63907	53.939	ug/l	98

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

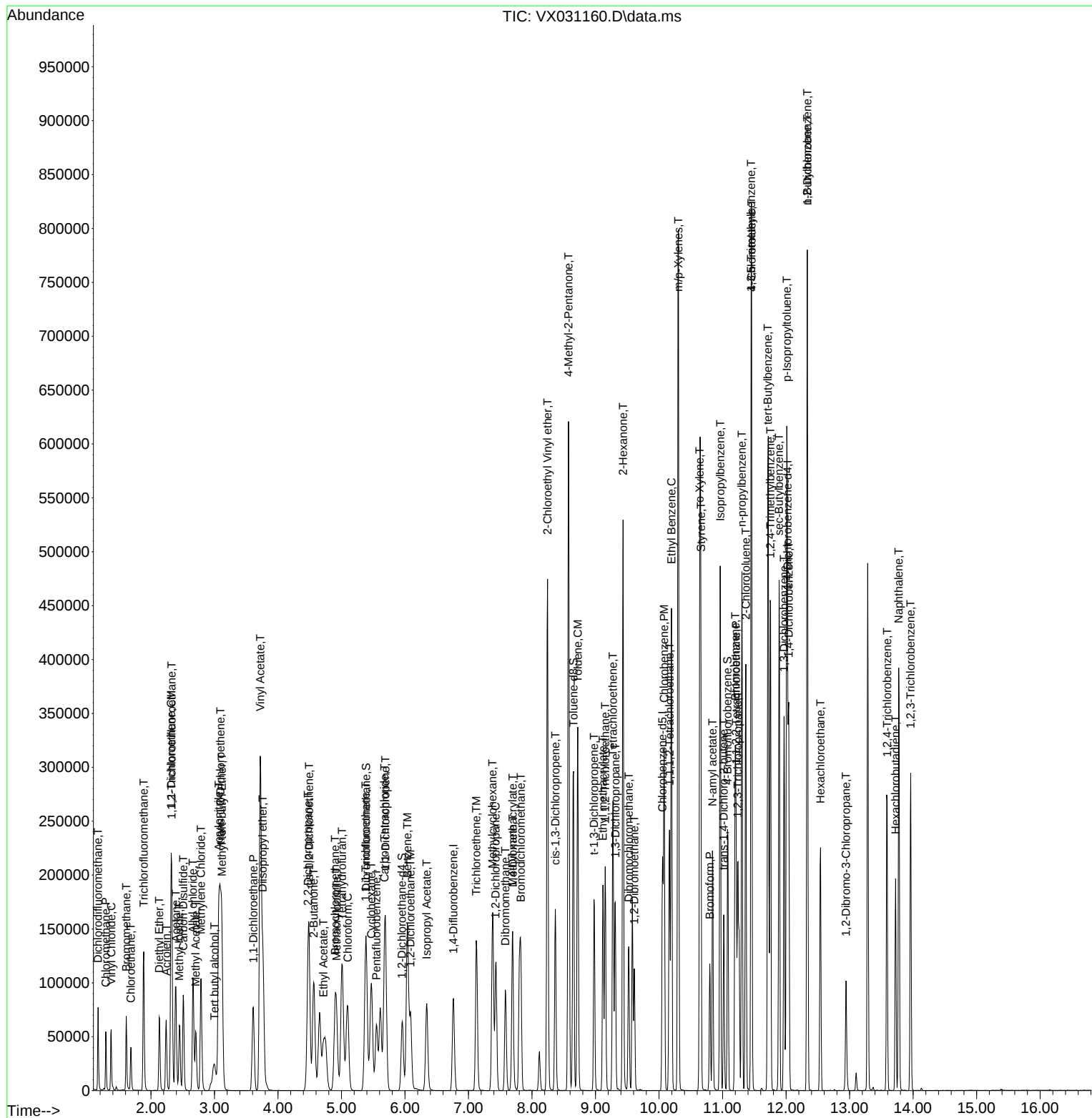
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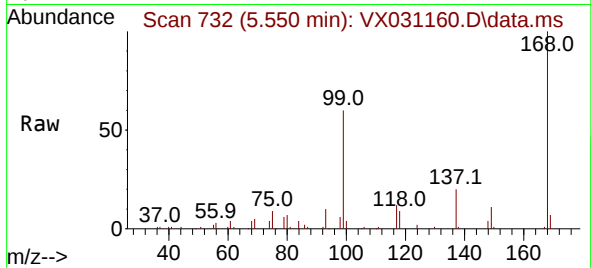
Reviewed By : John Carlone 09/08/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

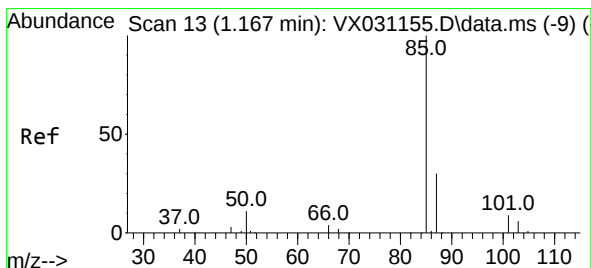
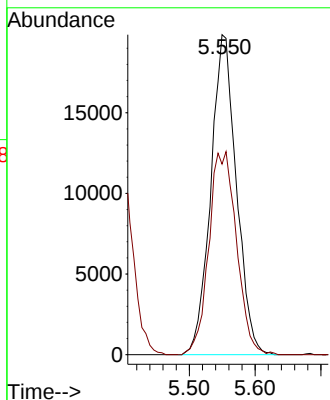
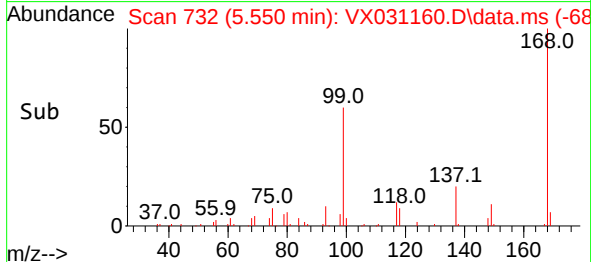
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 53770
Ion Ratio Lower Upper
168 100
99 59.5 44.0 66.0

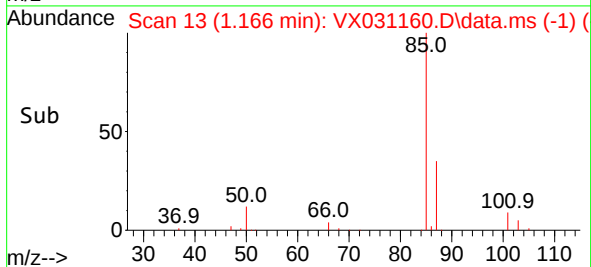
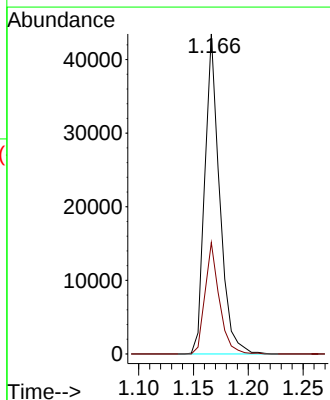
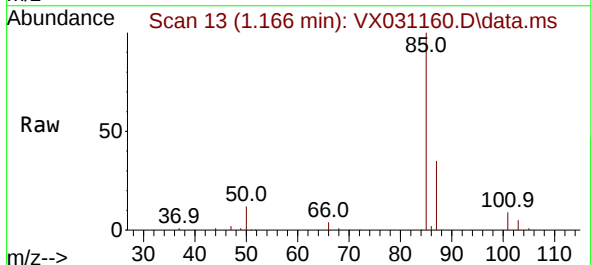
Manual Integrations
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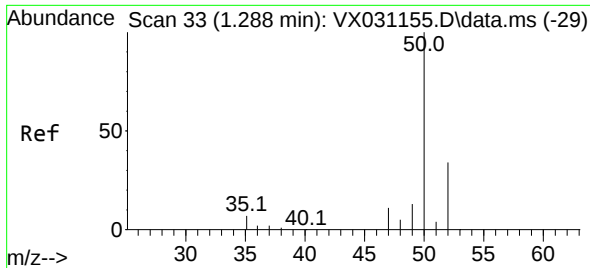
Reviewed By :John Carlone 09/08/2022
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#2
Dichlorodifluoromethane
Concen: 47.209 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

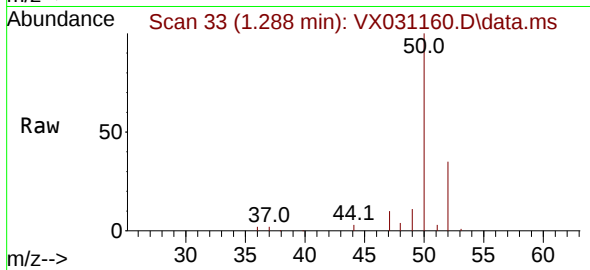
Tgt Ion: 85 Resp: 40798
Ion Ratio Lower Upper
85 100
87 34.8 16.5 49.5





#3
Chloromethane
Concen: 44.714 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

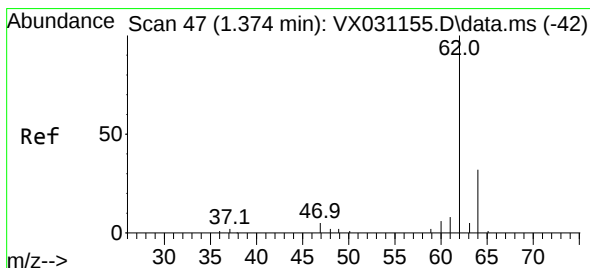
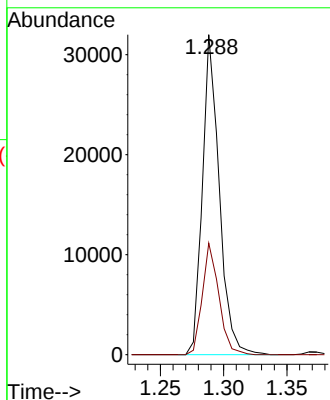
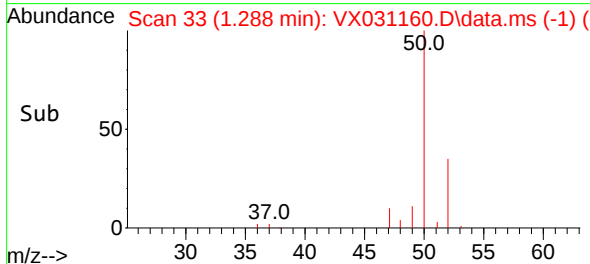
Instrument :
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ClientSampleId :
VSTDCCC050



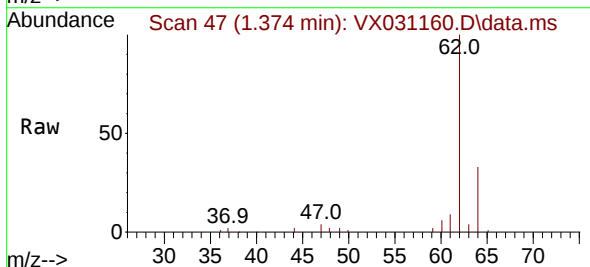
Tgt Ion: 50 Resp: 29694
Ion Ratio Lower Upper
50 100
52 34.9 26.3 39.5

Manual Integrations
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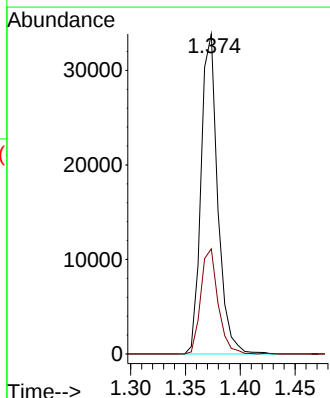
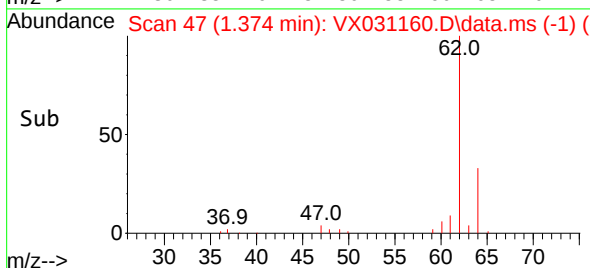
Reviewed By :John Carlone 09/08/2022
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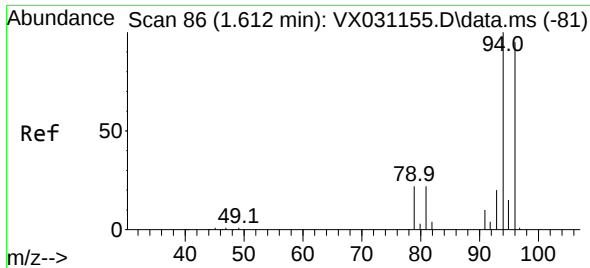


#4
Vinyl Chloride
Concen: 45.837 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



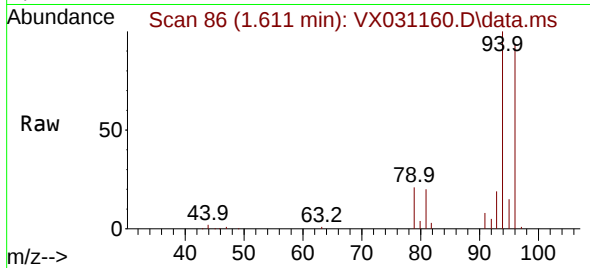
Tgt Ion: 62 Resp: 35933
Ion Ratio Lower Upper
62 100
64 32.9 25.2 37.8





#5
Bromomethane
Concen: 48.953 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031160.D
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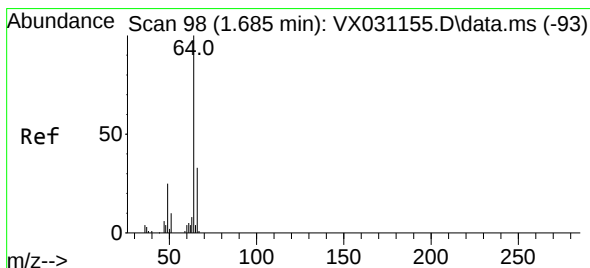
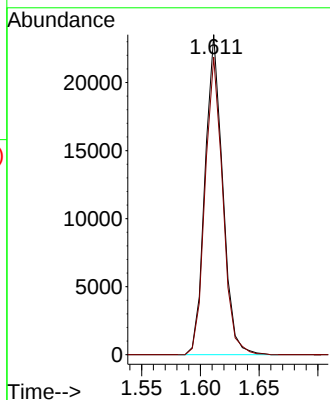
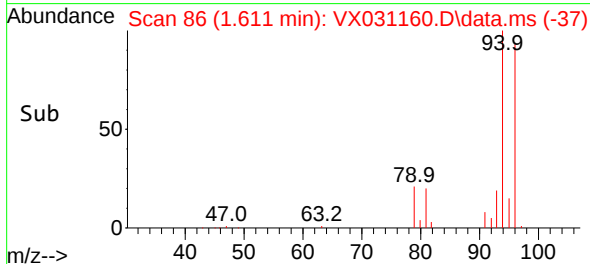
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Tgt Ion: 94 Resp: 24519
Ion Ratio Lower Upper
94 100
96 93.0 76.9 115.3

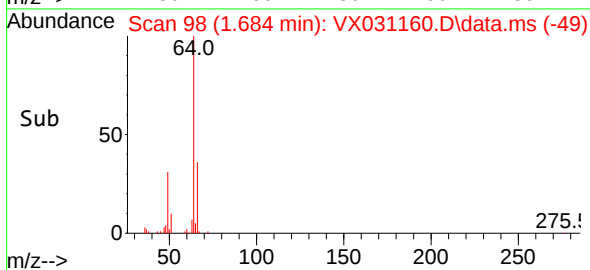
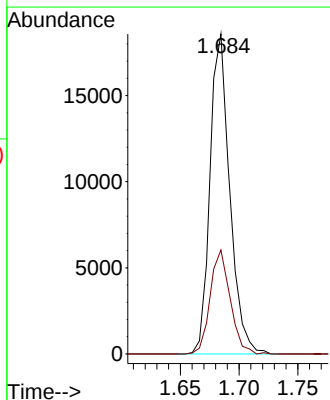
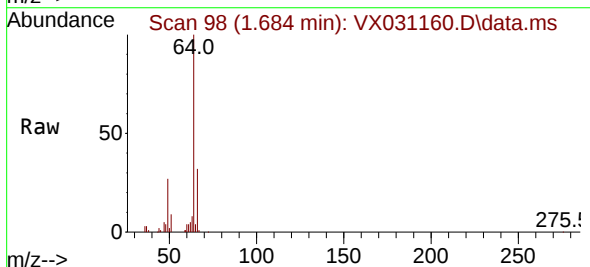
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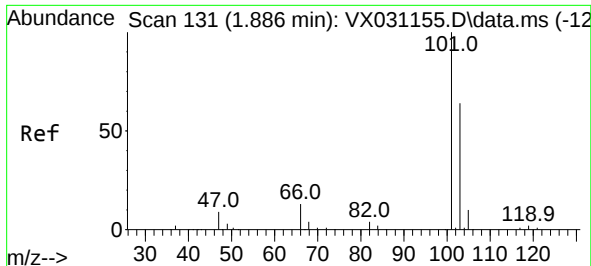
Reviewed By :John Carlone 09/08/2022
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#6
Chloroethane
Concen: 49.422 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

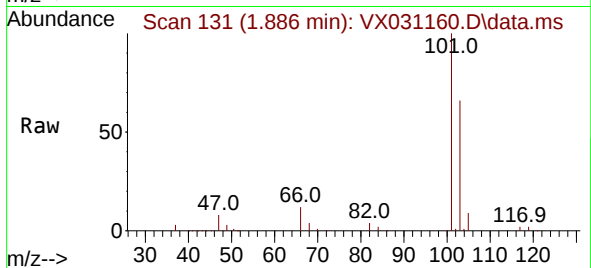
Tgt Ion: 64 Resp: 21734
Ion Ratio Lower Upper
64 100
66 32.5 27.2 40.8





#7
Trichlorofluoromethane
Concen: 47.941 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

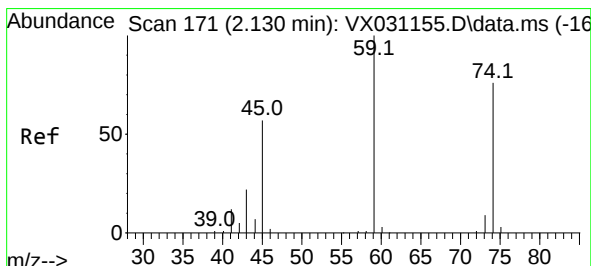
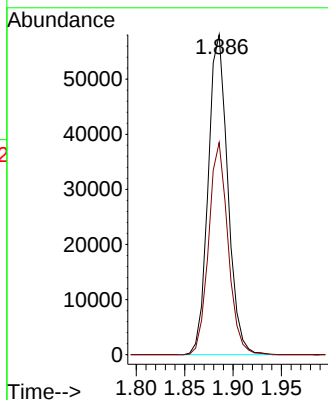
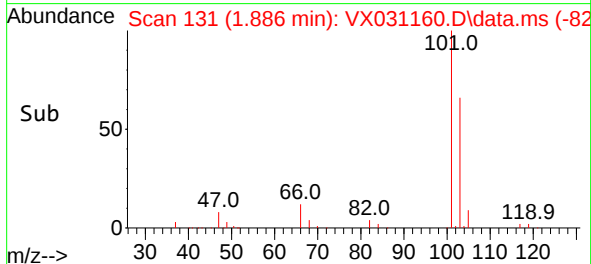
Instrument :
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Tgt Ion:101 Resp: 8189
Ion Ratio Lower Upper
101 100
103 66.3 49.7 74.5

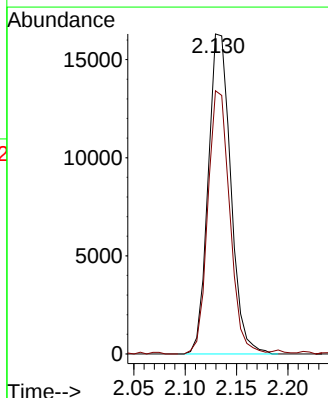
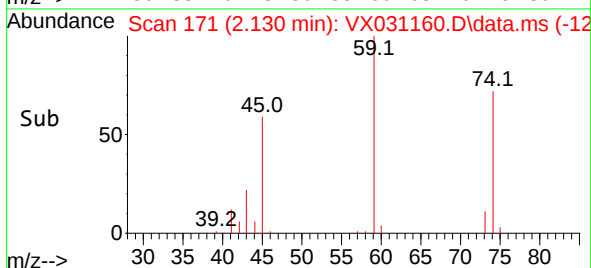
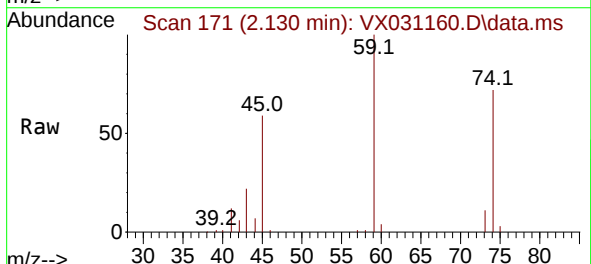
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#8
Diethyl Ether
Concen: 51.372 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 74 Resp: 24925
Ion Ratio Lower Upper
74 100
45 80.0 51.5 154.7





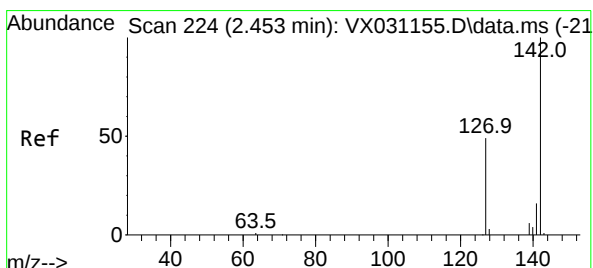
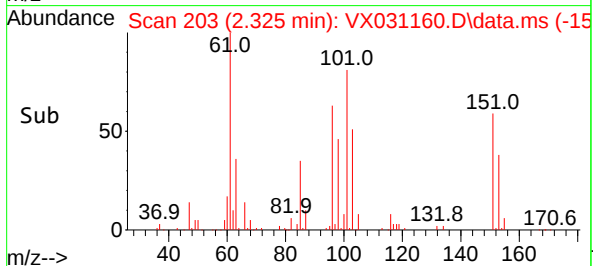
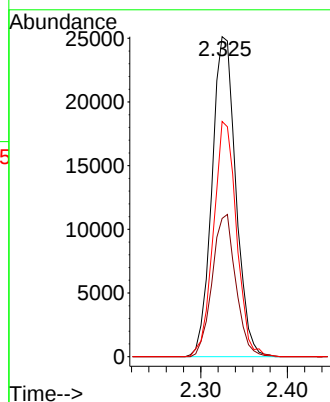
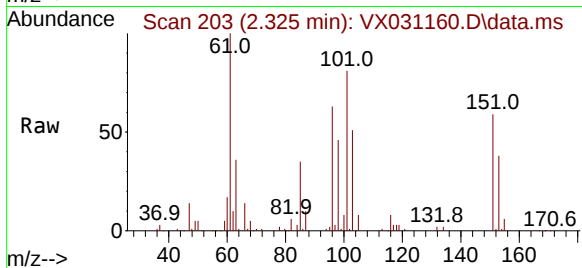
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.826 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4813
Ion Ratio Lower Upper
101 100
85 43.9 34.0 51.0
151 71.0 59.4 89.0

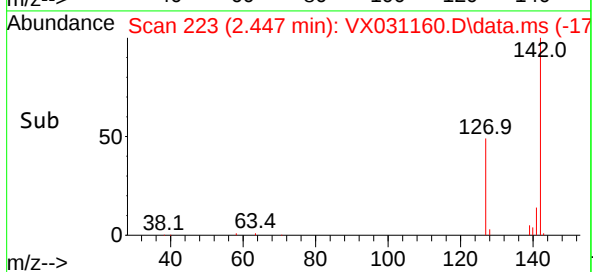
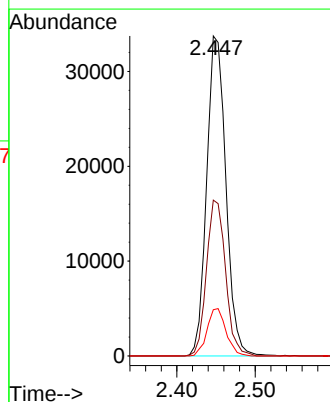
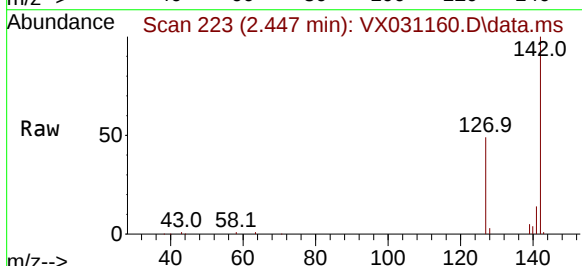
Manual Integrations
APPROVED

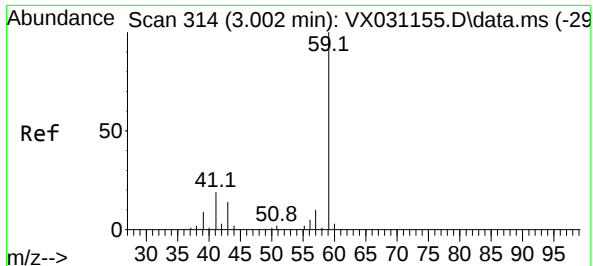
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#10
Methyl Iodide
Concen: 48.134 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion:142 Resp: 57494
Ion Ratio Lower Upper
142 100
127 48.3 30.2 45.2#
141 14.6 11.3 16.9





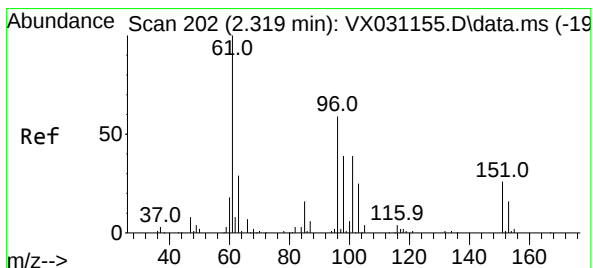
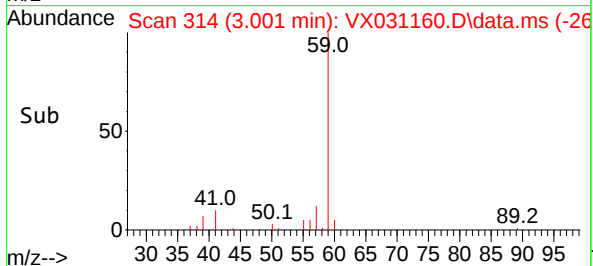
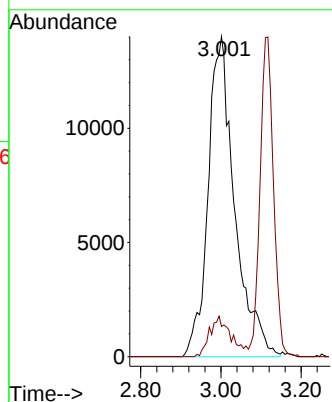
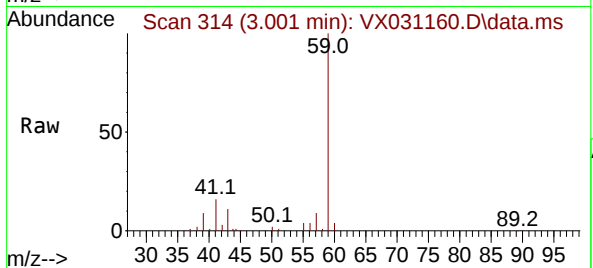
#11
Tert butyl alcohol
Concen: 286.972 ug/l
RT: 3.001 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 6448
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.2

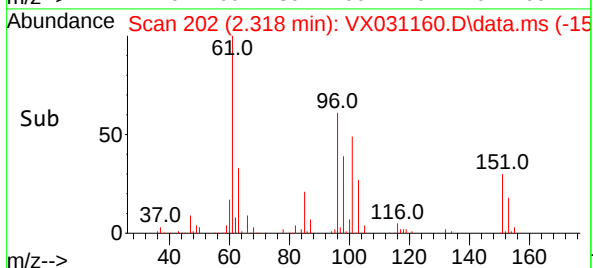
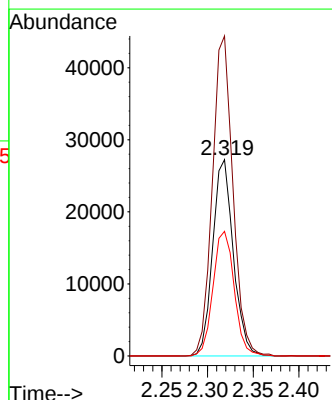
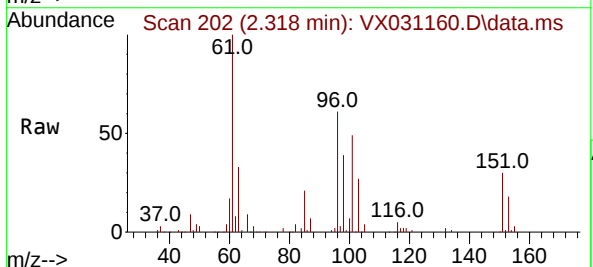
Manual Integrations
APPROVED

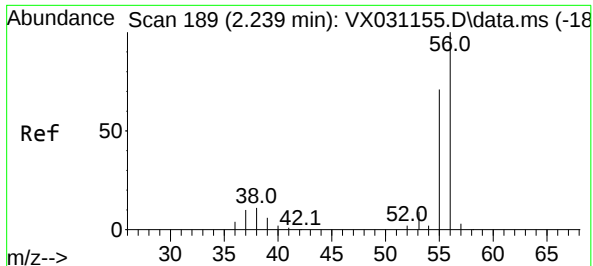
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#12
1,1-Dichloroethene
Concen: 47.090 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

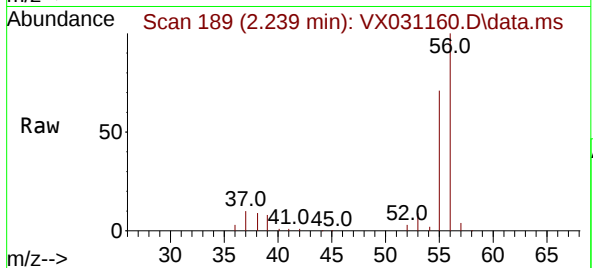
Tgt Ion: 96 Resp: 42755
Ion Ratio Lower Upper
96 100
61 163.0 117.4 176.0
98 63.5 52.2 78.4





#13
Acrolein
Concen: 253.477 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

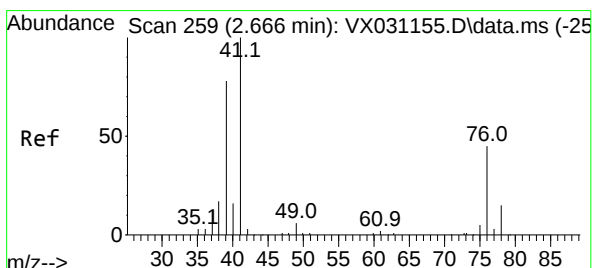
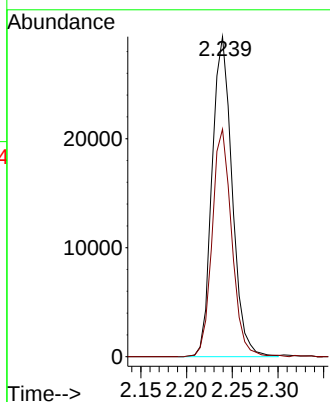
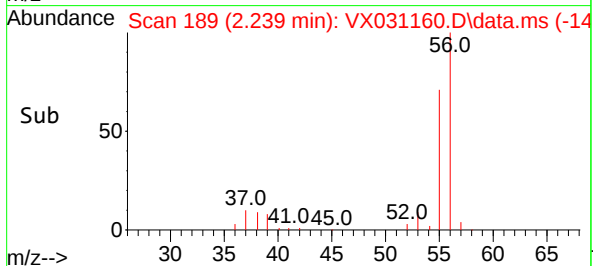
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



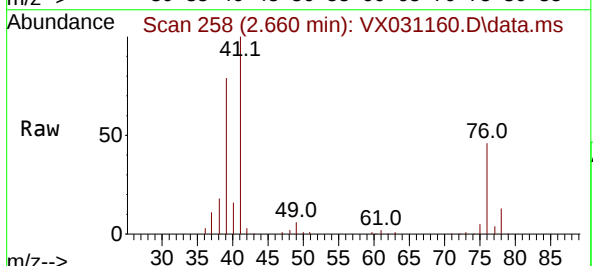
Tgt Ion: 56 Resp: 44820
Ion Ratio Lower Upper
56 100
55 69.4 56.6 84.8

Manual Integrations
APPROVED

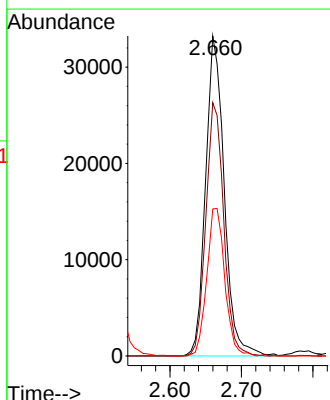
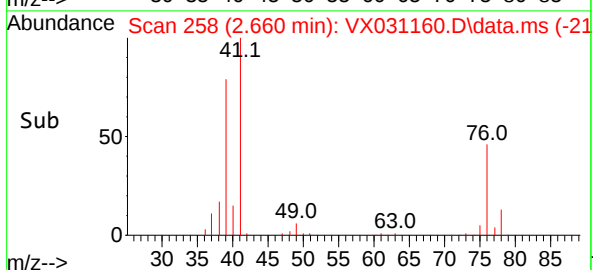
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

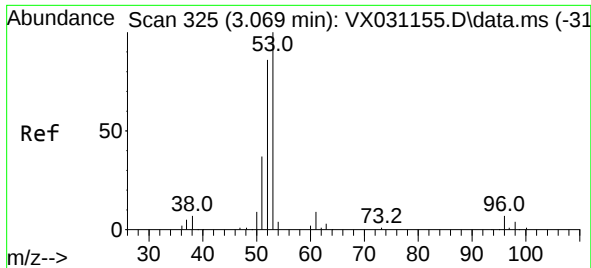


#14
Allyl chloride
Concen: 49.381 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



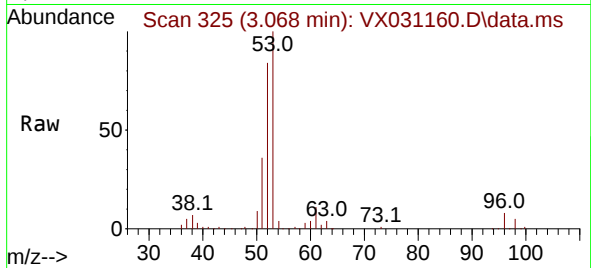
Tgt Ion: 41 Resp: 60230
Ion Ratio Lower Upper
41 100
39 75.8 48.9 73.3#
76 44.6 26.9 40.3#





#15
Acrylonitrile
Concen: 263.774 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

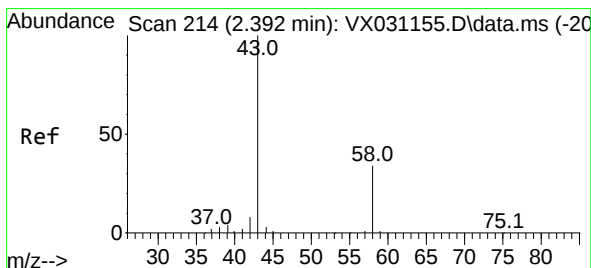
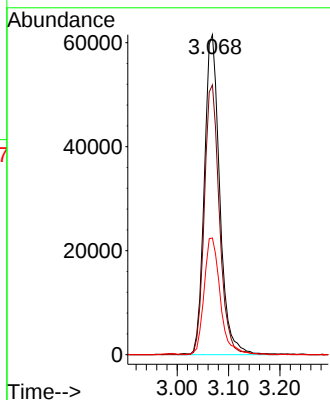
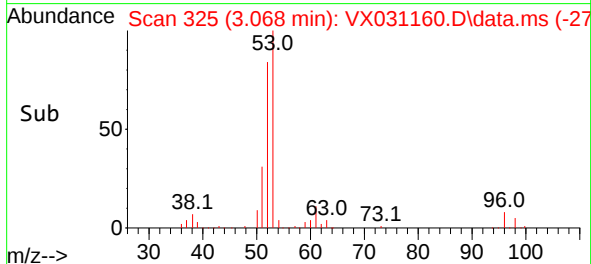
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



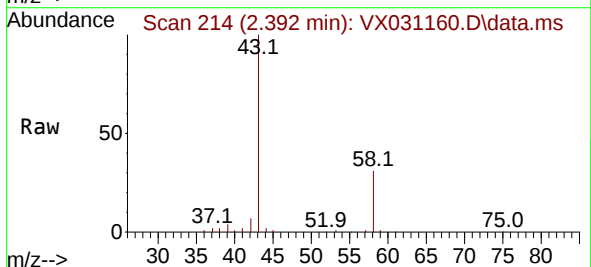
Tgt Ion: 53 Resp: 127876
Ion Ratio Lower Upper
53 100
52 82.9 65.4 98.0
51 38.4 27.7 41.5

Manual Integrations
APPROVED

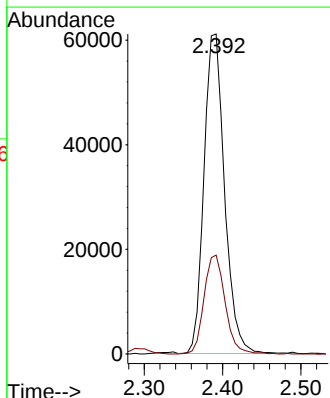
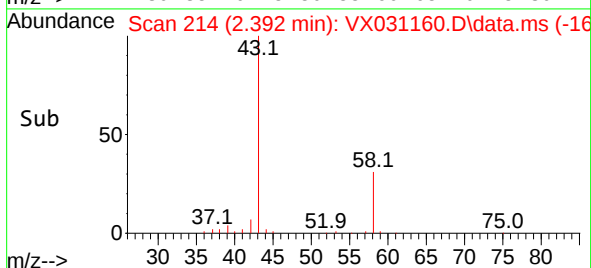
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

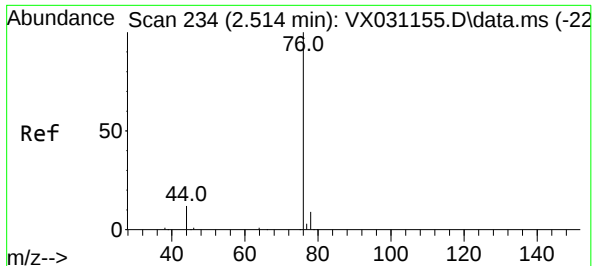


#16
Acetone
Concen: 252.922 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



Tgt Ion: 43 Resp: 111497
Ion Ratio Lower Upper
43 100
58 31.0 27.7 41.5





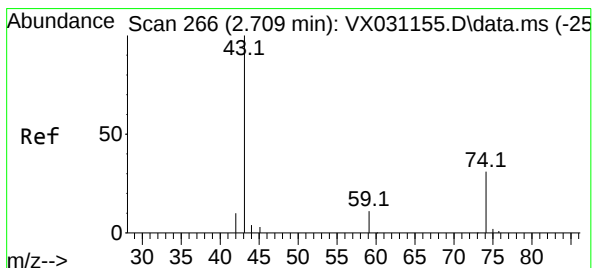
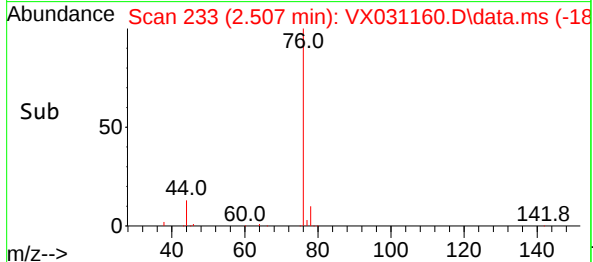
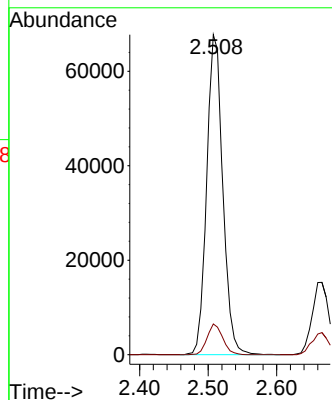
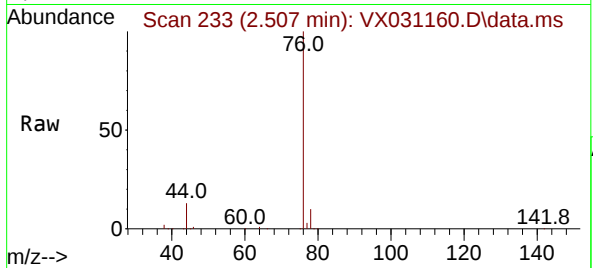
#17
Carbon Disulfide
Concen: 49.544 ug/l
RT: 2.507 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 110593
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6

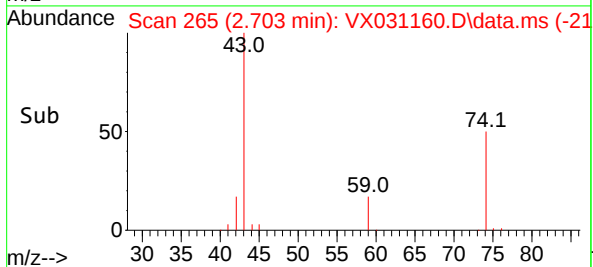
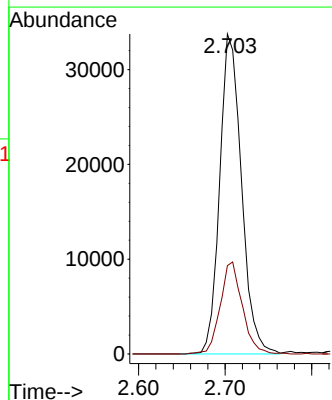
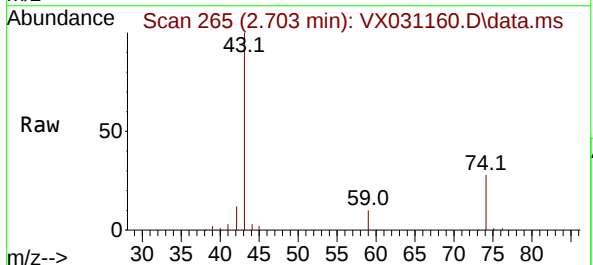
Manual Integrations
APPROVED

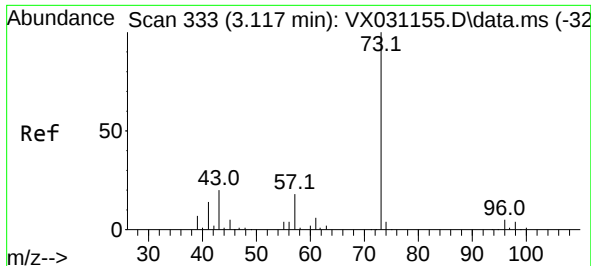
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#18
Methyl Acetate
Concen: 51.629 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 43 Resp: 58920
Ion Ratio Lower Upper
43 100
74 29.2 19.4 29.2#





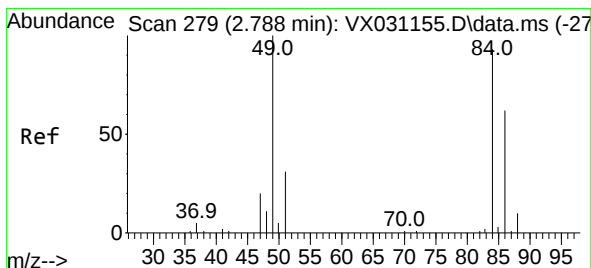
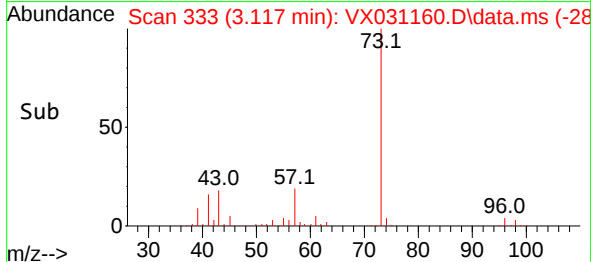
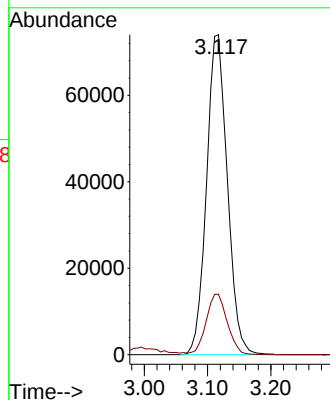
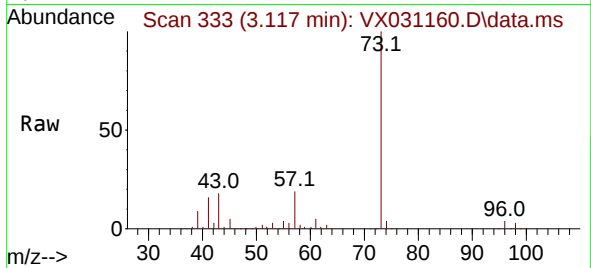
#19
Methyl tert-butyl Ether
Concen: 52.502 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 16931
Ion Ratio Lower Upper
73 100
57 18.9 19.0 28.6

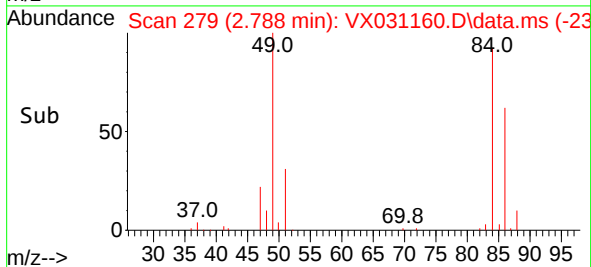
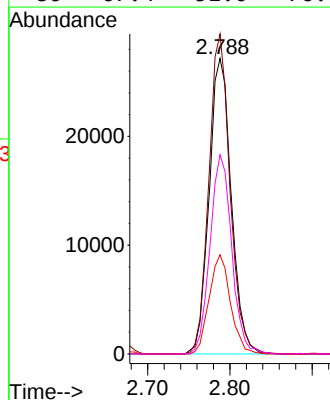
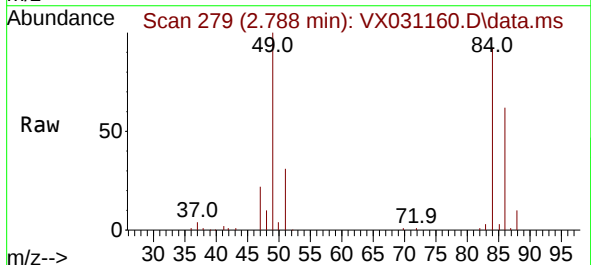
Manual Integrations
APPROVED

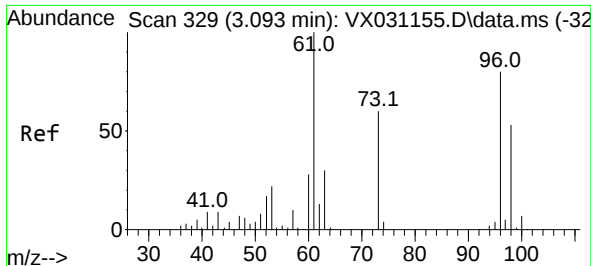
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#20
Methylene Chloride
Concen: 48.991 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

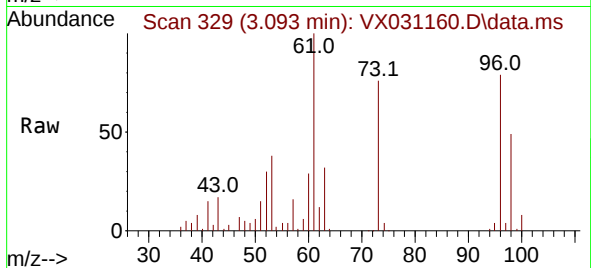
Tgt Ion: 84 Resp: 50760
Ion Ratio Lower Upper
84 100
49 108.3 93.8 140.6
51 33.6 29.4 44.0
86 67.4 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 47.940 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

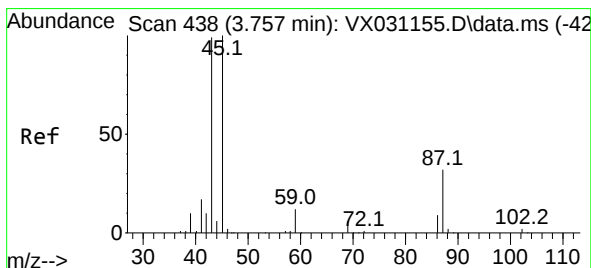
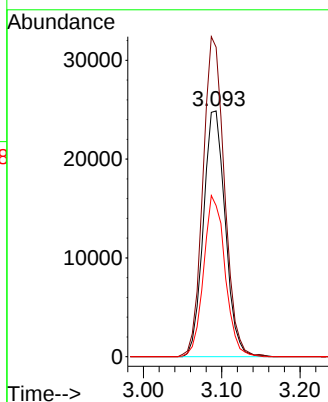
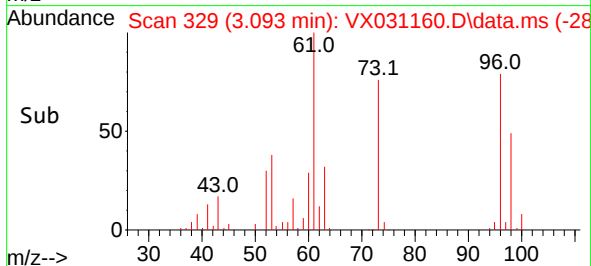
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



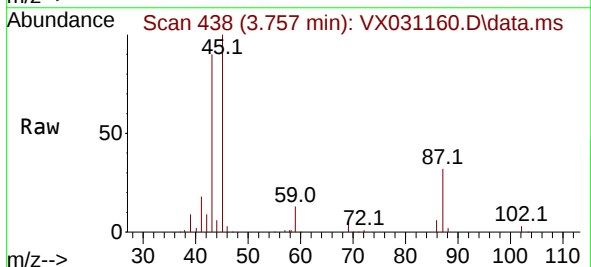
Tgt Ion: 96 Resp: 48228
Ion Ratio Lower Upper
96 100
61 125.9 105.6 158.4
98 61.5 50.1 75.1

Manual Integrations
APPROVED

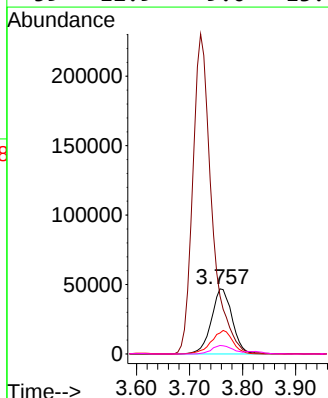
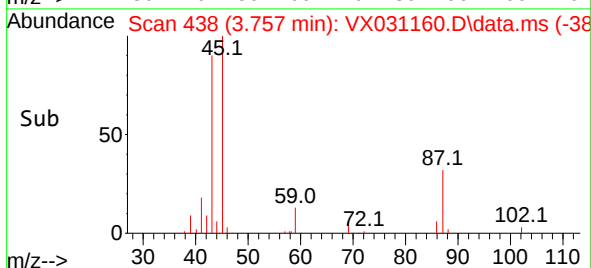
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

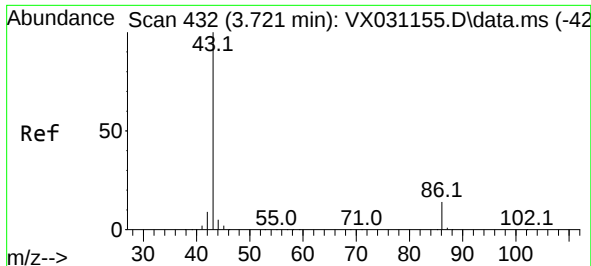


#22
Diisopropyl ether
Concen: 49.653 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



Tgt Ion: 45 Resp: 127171
Ion Ratio Lower Upper
45 100
43 89.1 65.4 98.0
87 32.3 22.3 33.5
59 12.9 9.0 13.4





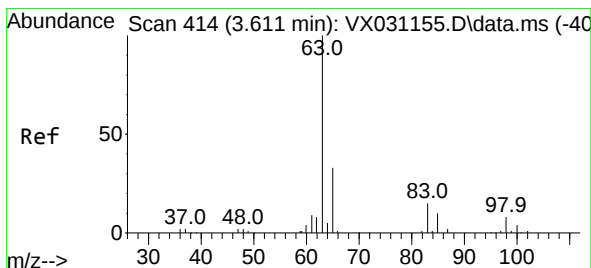
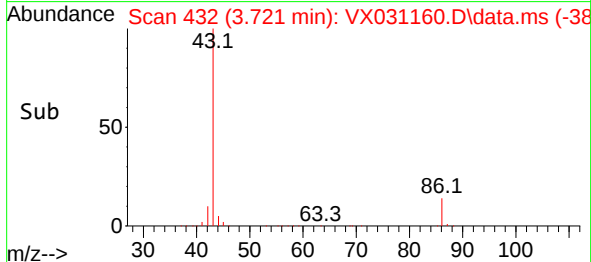
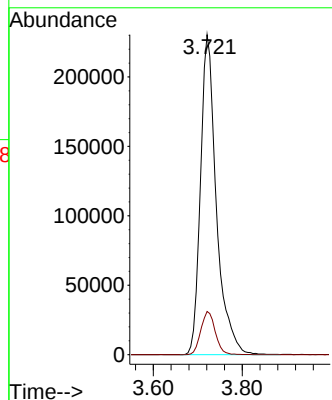
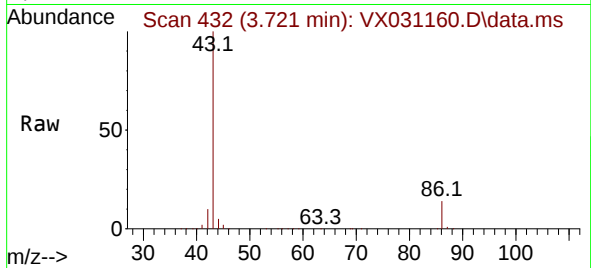
#23
 Vinyl Acetate
 Concen: 266.886 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX031160.D
 Acq: 07 Sep 2022 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 573740
 Ion Ratio Lower Upper
 43 100
 86 13.5 8.5 12.7

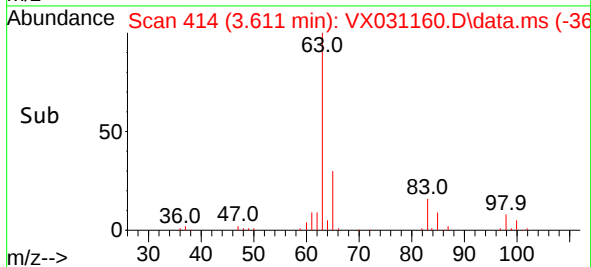
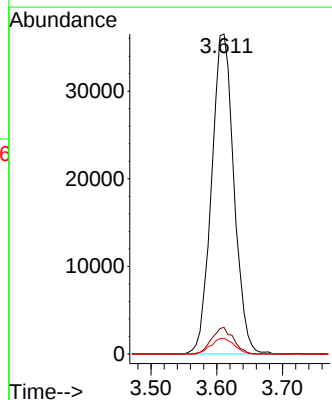
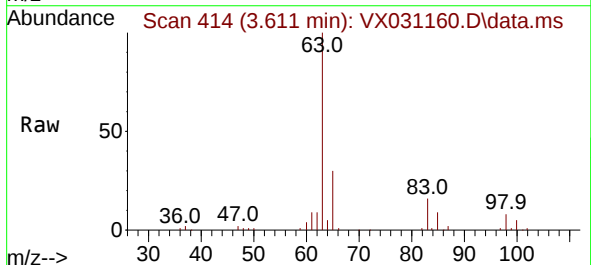
Manual Integrations
 APPROVED

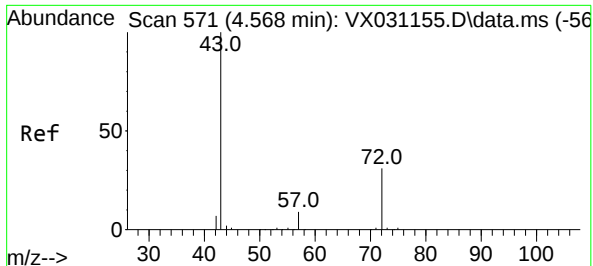
Reviewed By :John Carlone 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#24
 1,1-Dichloroethane
 Concen: 50.915 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX031160.D
 Acq: 07 Sep 2022 15:25

Tgt Ion: 63 Resp: 86496
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.5
 100 4.9 2.3 6.9





#25

2-Butanone

Concen: 260.024 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 169790

Ion Ratio Lower Upper

43 100

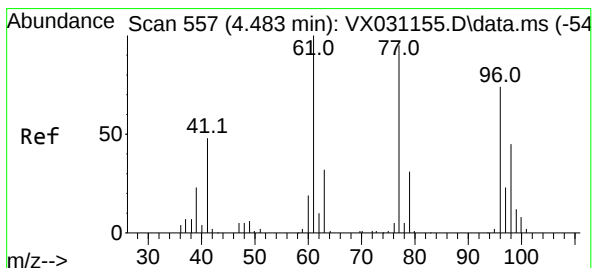
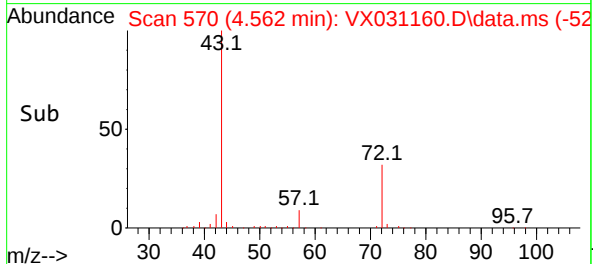
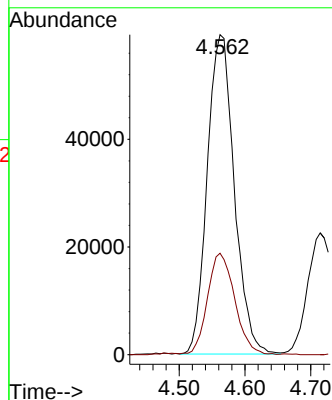
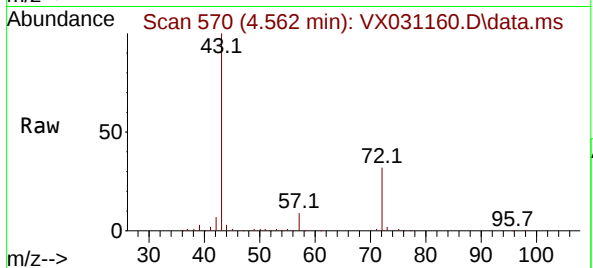
72 31.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#26

2,2-Dichloropropane

Concen: 50.710 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.012 min

Lab File: VX031160.D

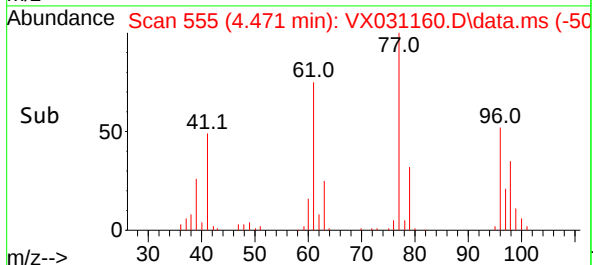
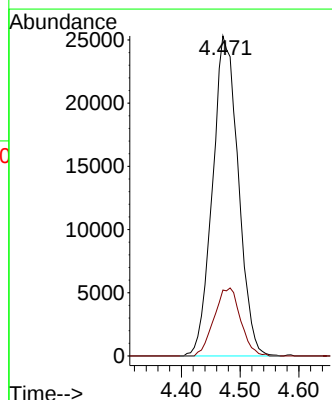
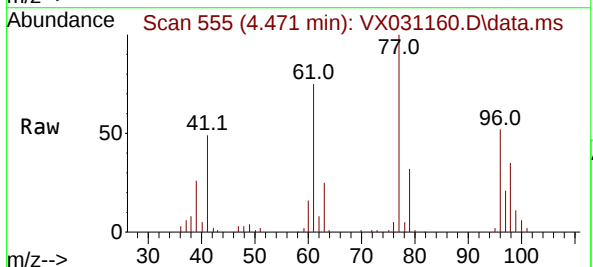
Acq: 07 Sep 2022 15:25

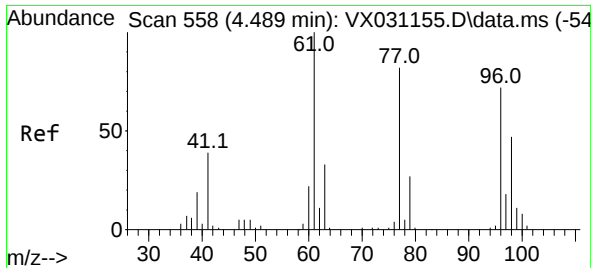
Tgt Ion: 77 Resp: 77088

Ion Ratio Lower Upper

77 100

97 21.8 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 49.851 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 57578

Ion Ratio Lower Upper

96 100

61 134.5 0.0 270.0

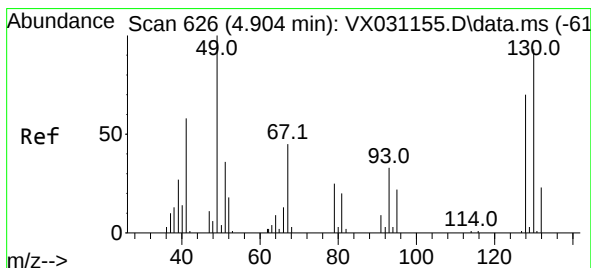
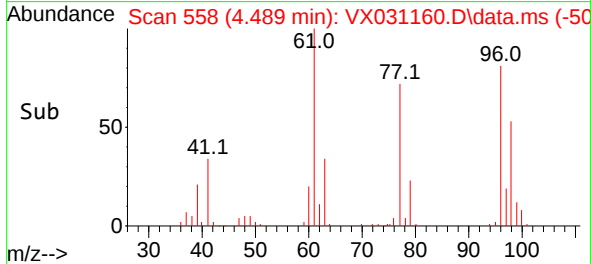
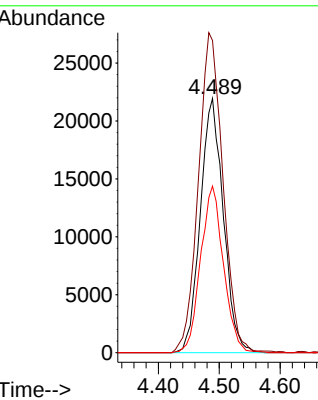
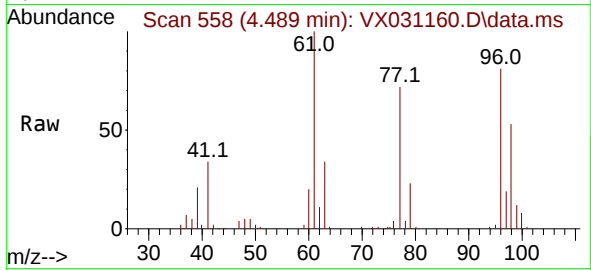
98 65.2 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#28

Bromochloromethane

Concen: 55.990 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

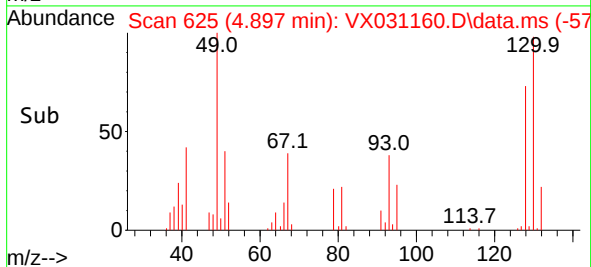
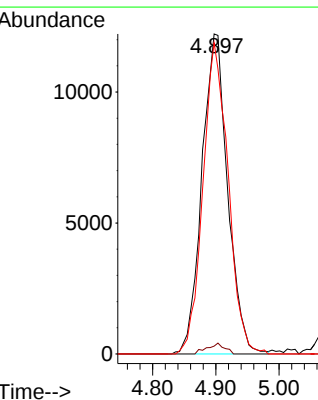
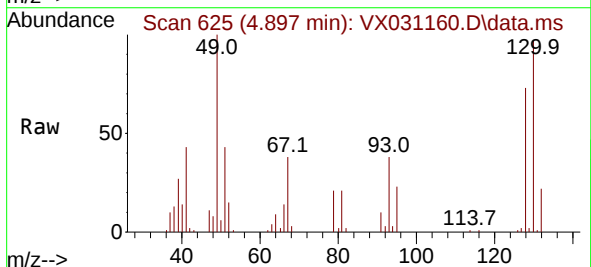
Tgt Ion: 49 Resp: 34490

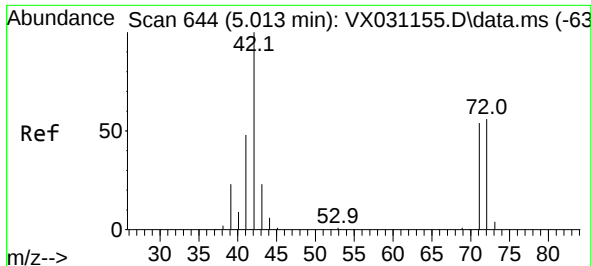
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 95.3 62.8 94.2#





#29

Tetrahydrofuran

Concen: 264.061 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 101800

Ion Ratio Lower Upper

42 100

72 58.3 36.5 54.7

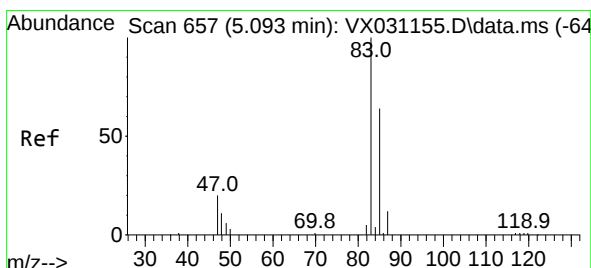
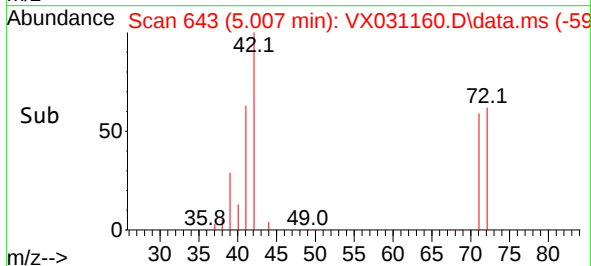
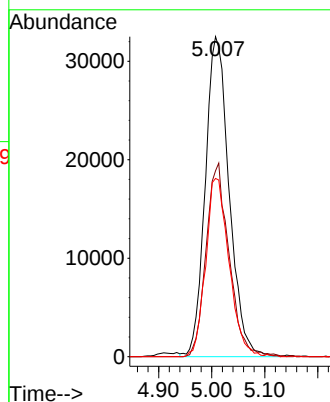
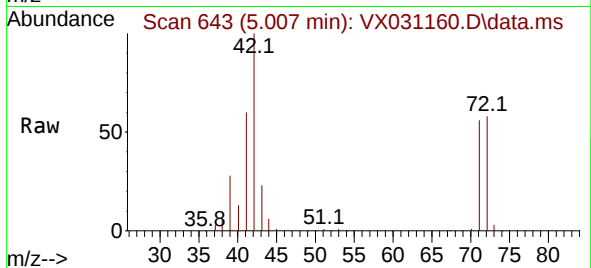
71 54.3 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#30

Chloroform

Concen: 49.457 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX031160.D

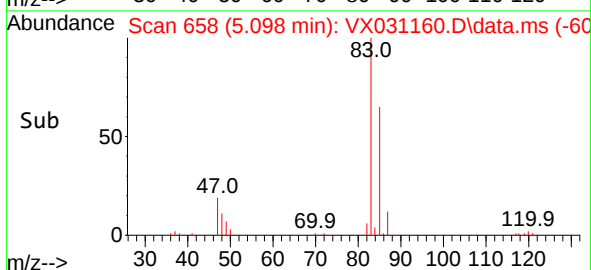
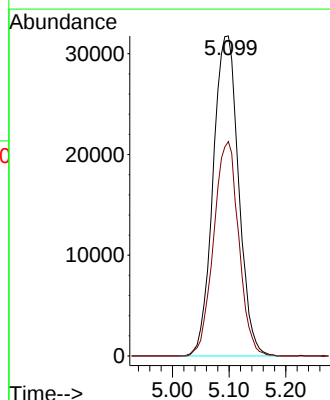
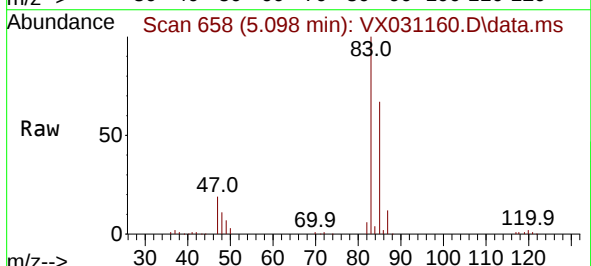
Acq: 07 Sep 2022 15:25

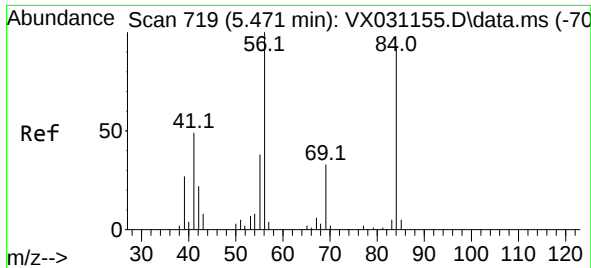
Tgt Ion: 83 Resp: 99384

Ion Ratio Lower Upper

83 100

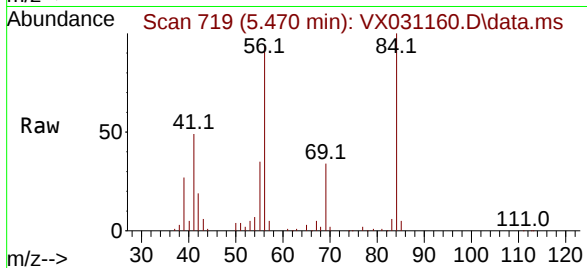
85 67.0 51.5 77.3





#31
Cyclohexane
Concen: 47.692 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

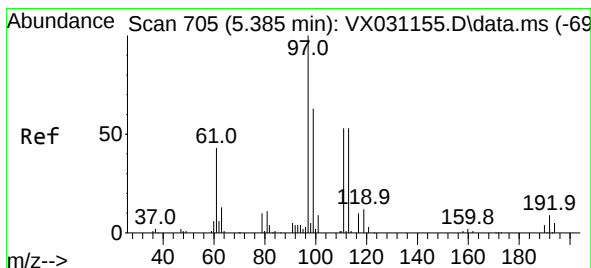
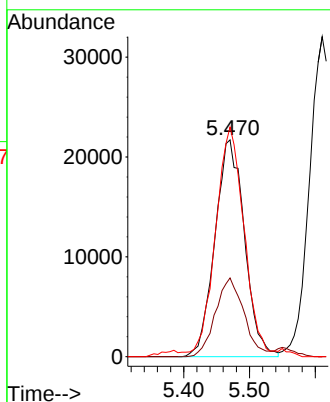
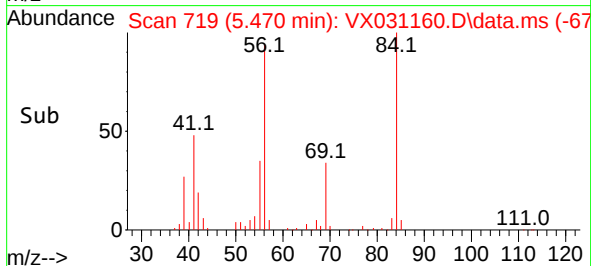
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6785
Ion Ratio Lower Upper
56 100
69 36.3 25.4 38.0
84 104.1 68.9 103.3

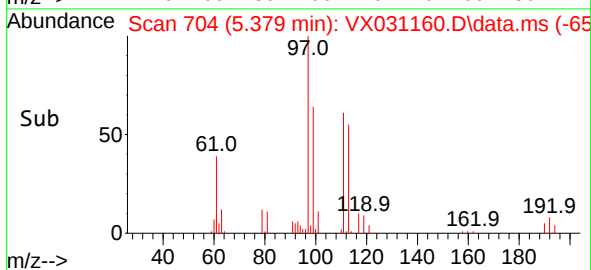
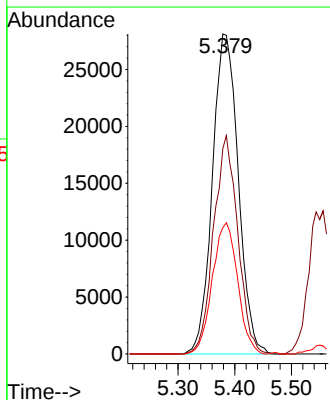
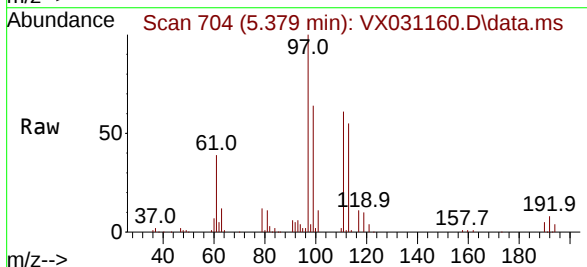
Manual Integrations
APPROVED

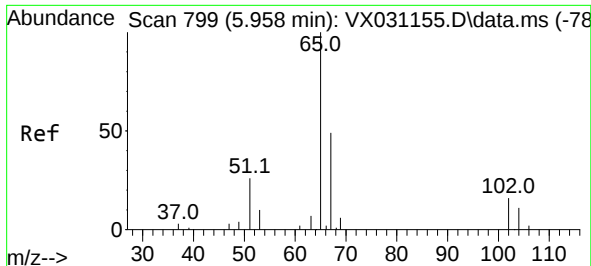
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#32
1,1,1-Trichloroethane
Concen: 49.157 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 97 Resp: 89031
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 40.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 53.428 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6802

Ion Ratio Lower Upper

65 100

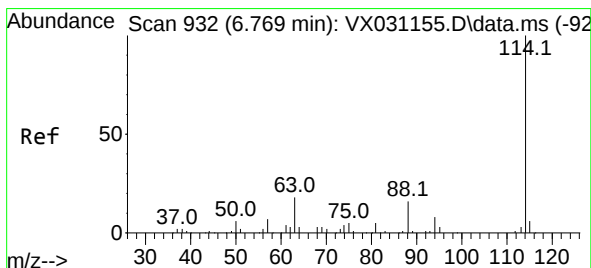
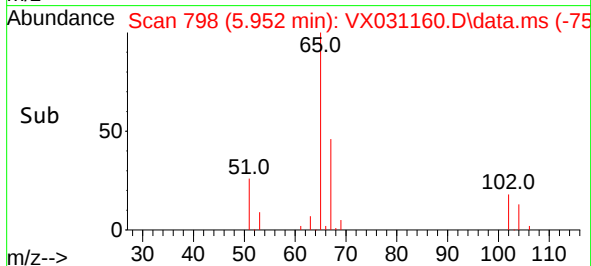
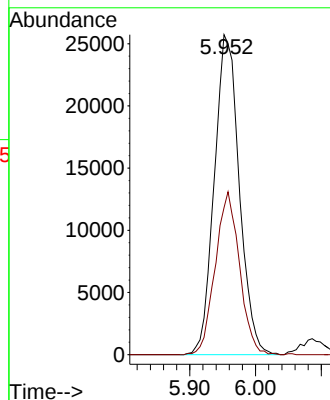
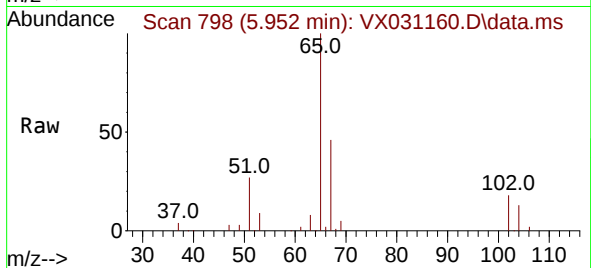
67 49.4 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

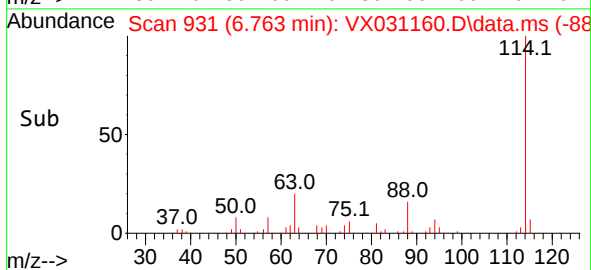
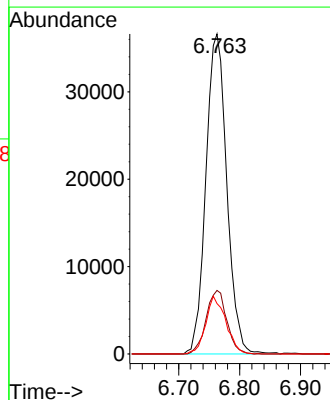
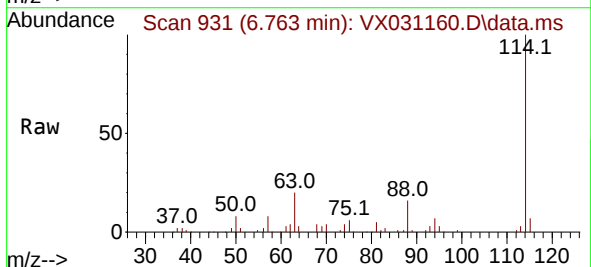
Tgt Ion:114 Resp: 87429

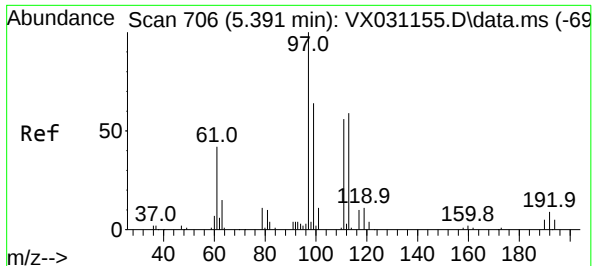
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 15.7 0.0 31.8





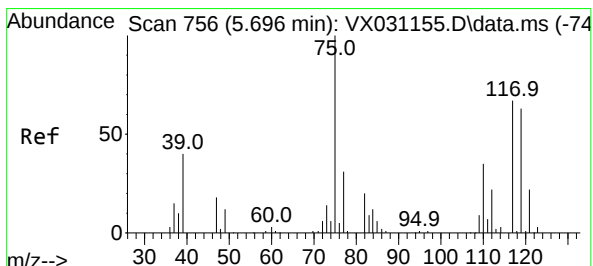
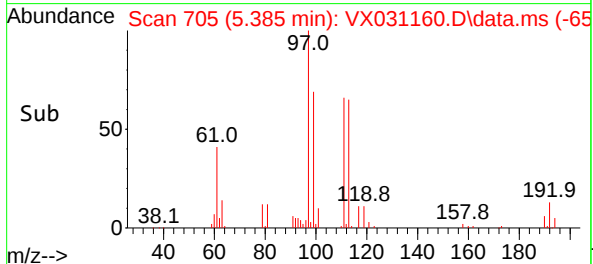
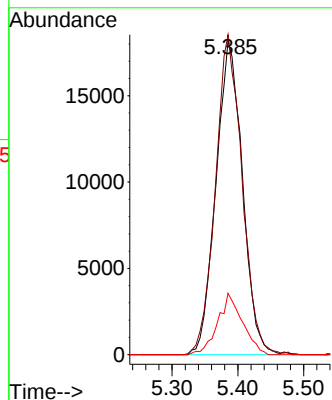
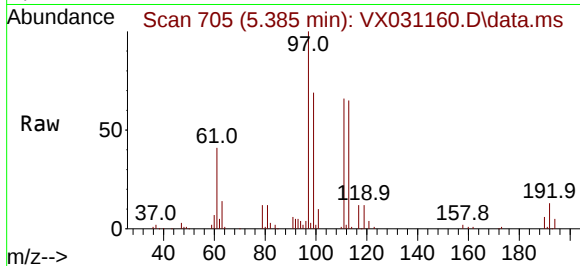
#35
Dibromofluoromethane
Concen: 53.531 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 113 Resp: 5100
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 18.2 14.8 22.2

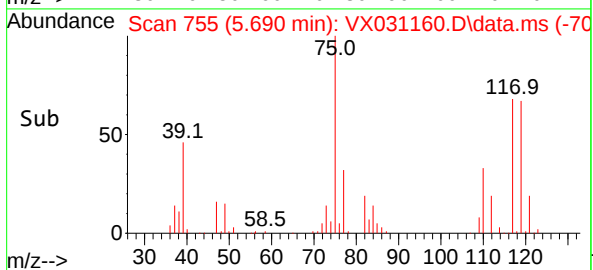
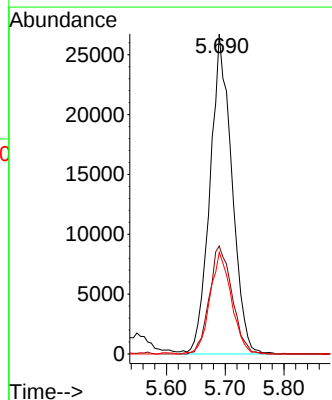
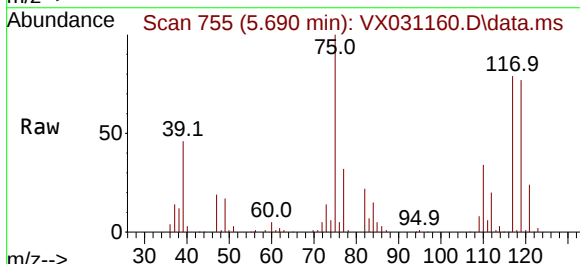
Manual Integrations
APPROVED

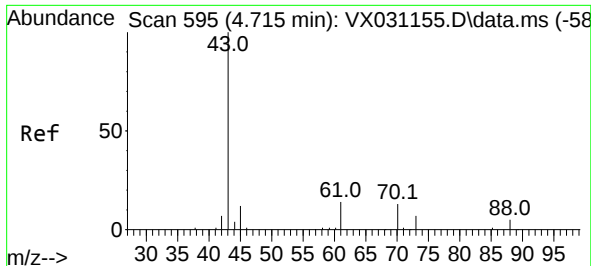
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#36
1,1-Dichloropropene
Concen: 48.366 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 75 Resp: 69008
Ion Ratio Lower Upper
75 100
110 35.0 19.3 57.9
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 52.730 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

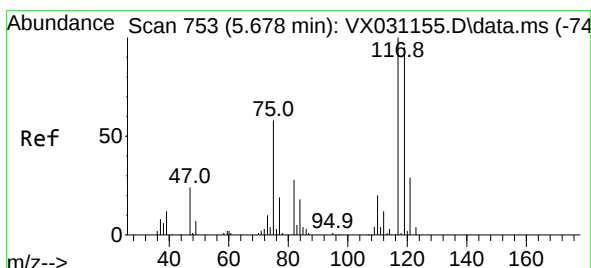
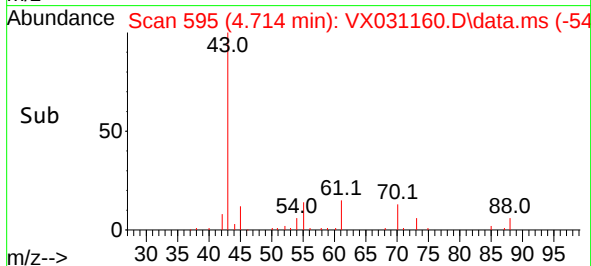
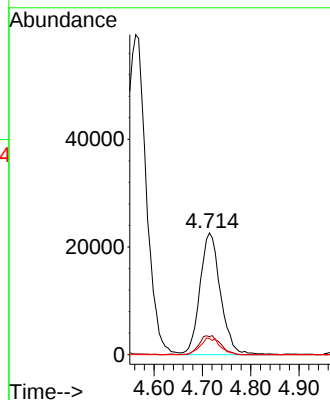
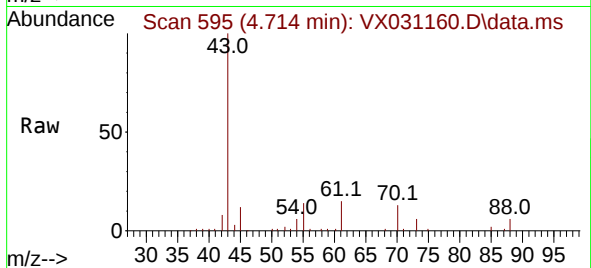
Tgt Ion: 43	Resp: 6674
Ion Ratio	Lower Upper
43 100	
61 16.1	11.7 17.5
70 13.2	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#38

Carbon Tetrachloride

Concen: 50.613 ug/l

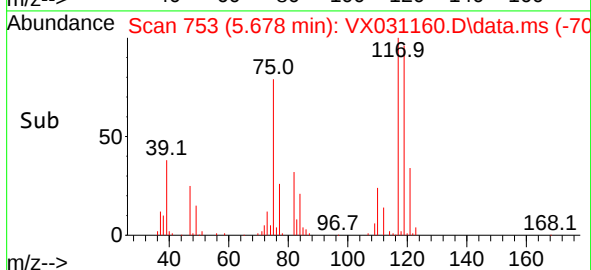
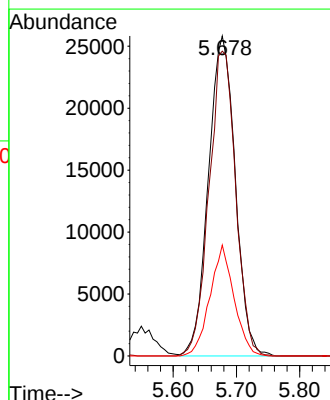
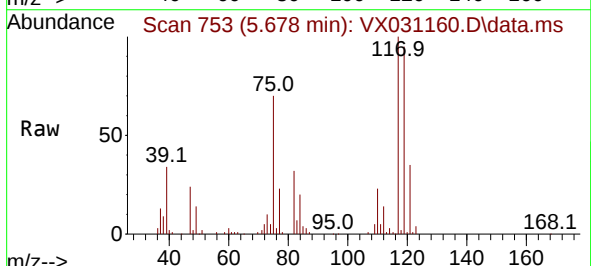
RT: 5.678 min Scan# 753

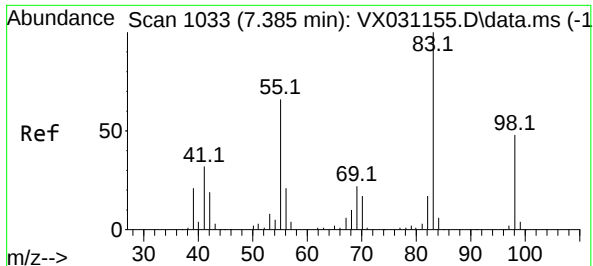
Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Tgt Ion: 117	Resp: 75980
Ion Ratio	Lower Upper
117 100	
119 95.3	74.1 111.1
121 34.7	25.8 38.8





#39

Methylcyclohexane

Concen: 50.836 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 82840

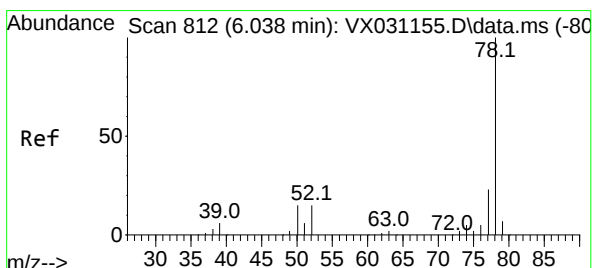
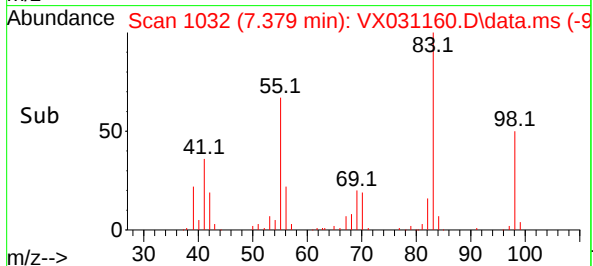
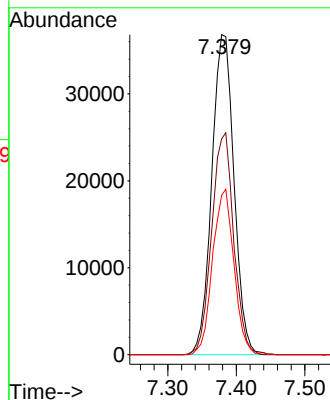
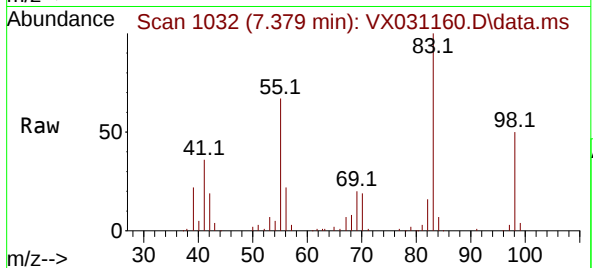
Ion	Ratio	Lower	Upper
83	100		
55	67.4	57.7	86.5
98	49.8	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#40

Benzene

Concen: 49.480 ug/l

RT: 6.037 min Scan# 812

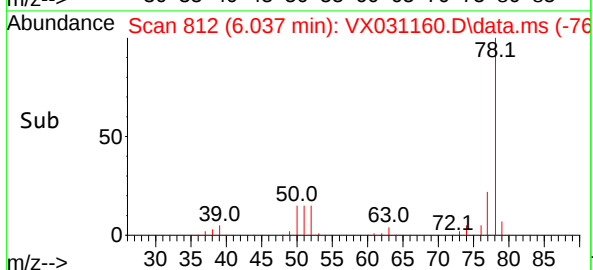
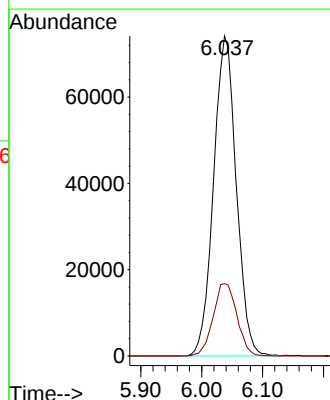
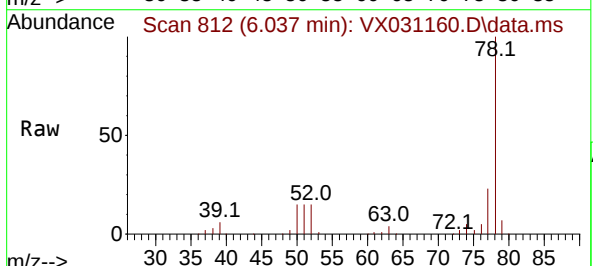
Delta R.T. -0.000 min

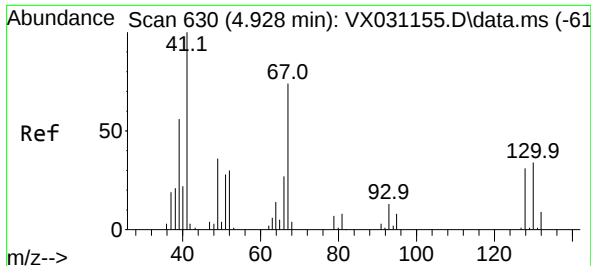
Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Tgt Ion: 78 Resp: 191784

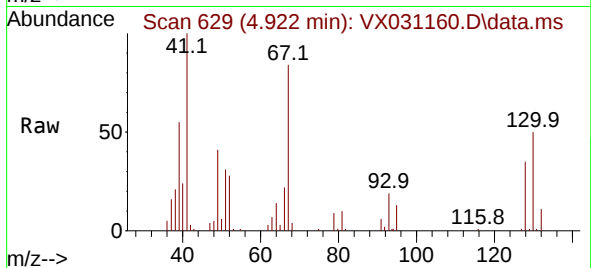
Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.0	27.0





#41
Methacrylonitrile
Concen: 52.732 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

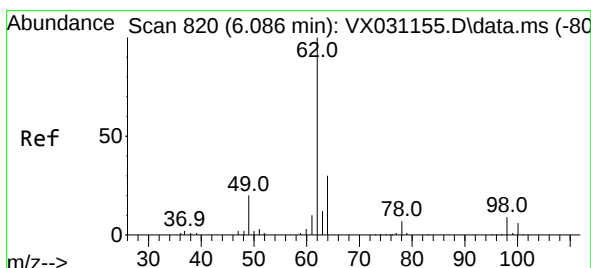
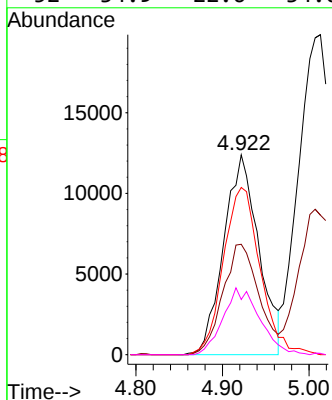
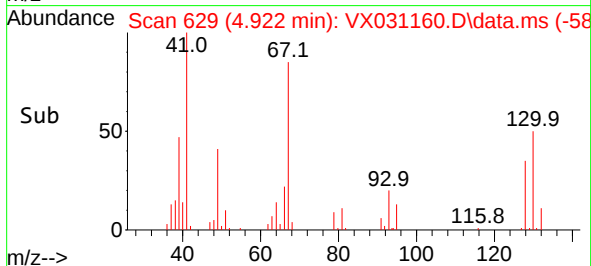
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 3490
Ion Ratio Lower Upper
41 100
39 56.7 42.9 64.3
67 87.6 60.1 90.1
52 34.9 22.6 34.0#

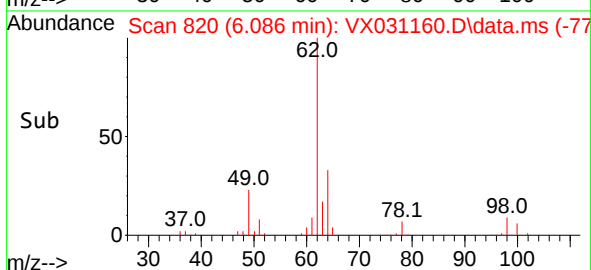
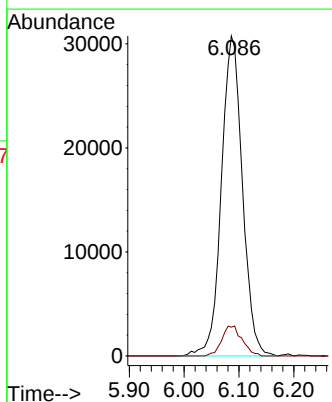
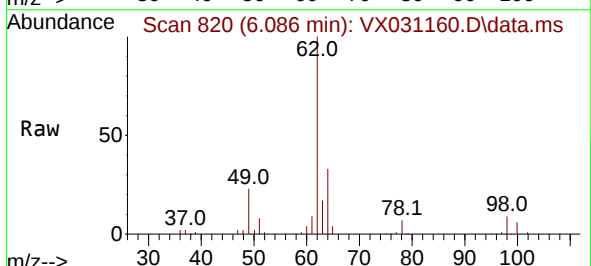
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#42
1,2-Dichloroethane
Concen: 51.673 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

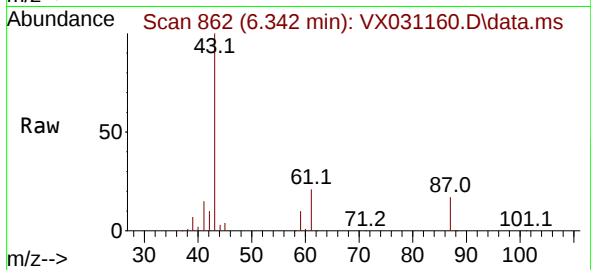
Tgt Ion: 62 Resp: 82001
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 52.863 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

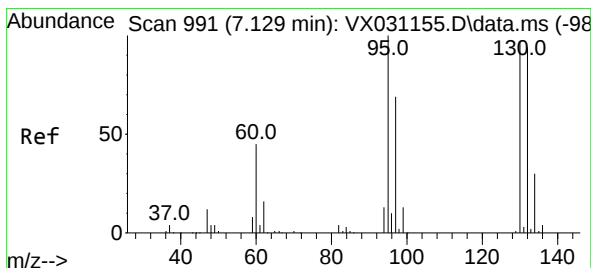
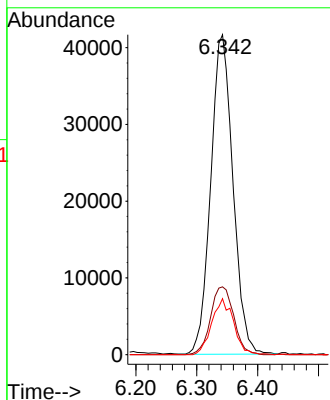
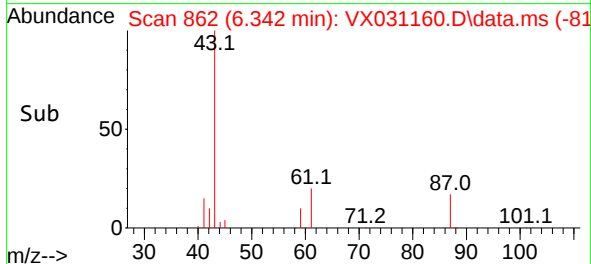
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



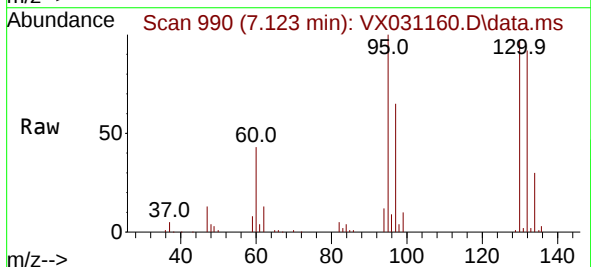
Tgt Ion: 43 Resp: 10549
Ion Ratio Lower Upper
43 100
61 22.2 16.5 24.7
87 17.2 11.1 16.7

Manual Integrations
APPROVED

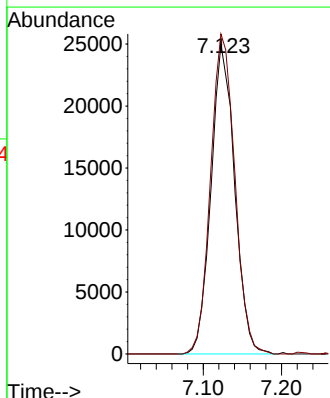
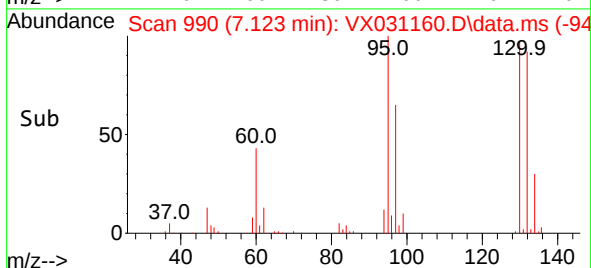
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

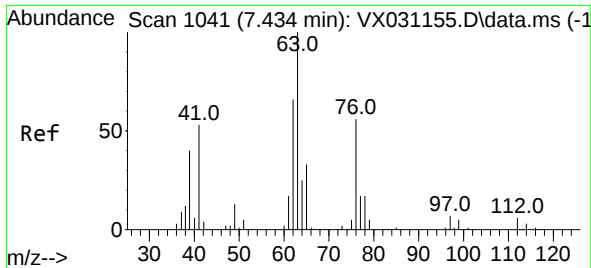


#44
Trichloroethene
Concen: 48.009 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



Tgt Ion:130 Resp: 52306
Ion Ratio Lower Upper
130 100
95 103.2 0.0 194.8





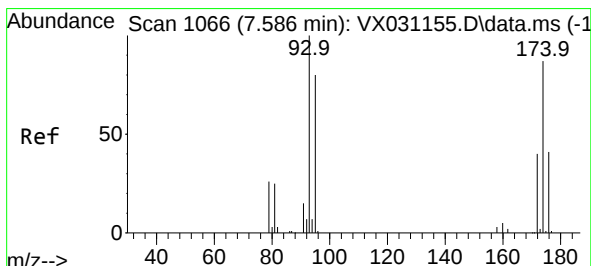
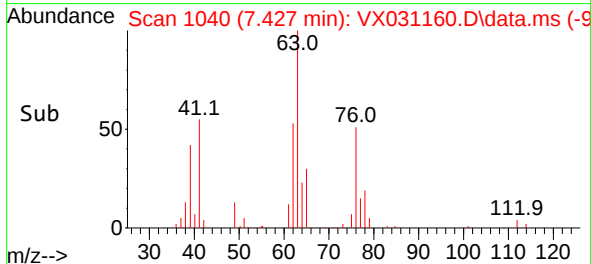
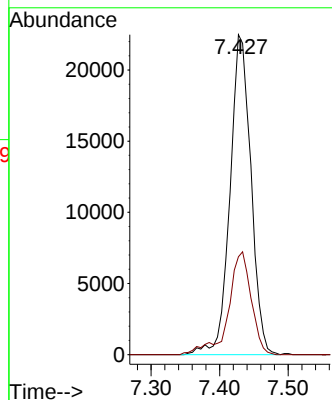
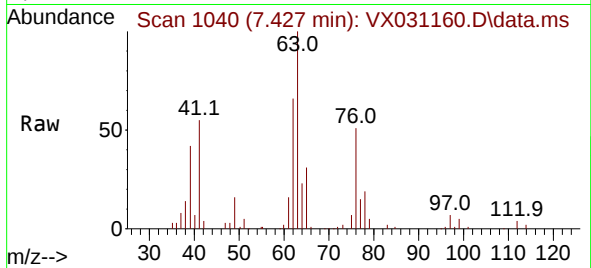
#45
1,2-Dichloropropane
Concen: 50.224 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 47840
Ion Ratio Lower Upper
63 100
65 30.6 25.2 37.8

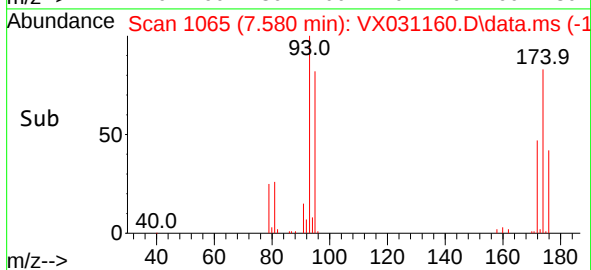
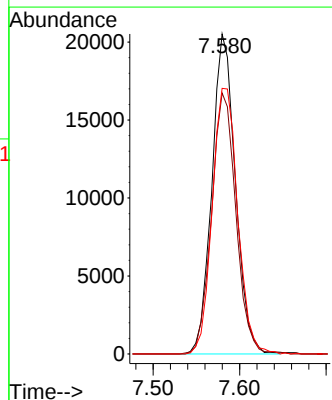
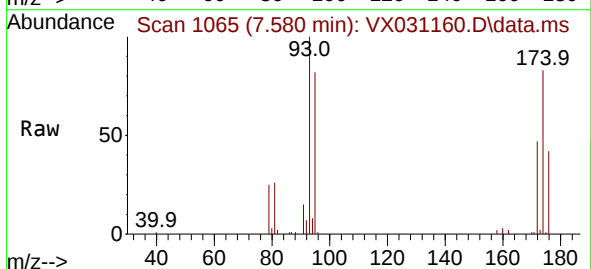
Manual Integrations
APPROVED

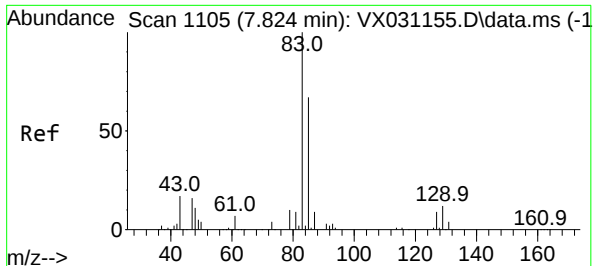
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#46
Dibromomethane
Concen: 51.262 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 93 Resp: 38720
Ion Ratio Lower Upper
93 100
95 84.5 67.4 101.0
174 89.8 75.6 113.4





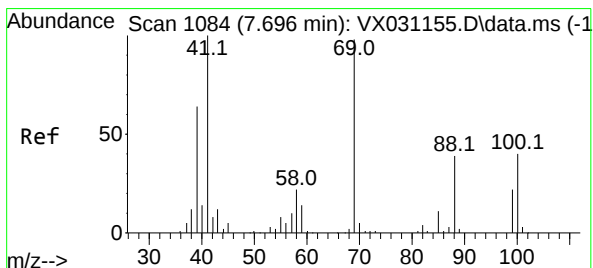
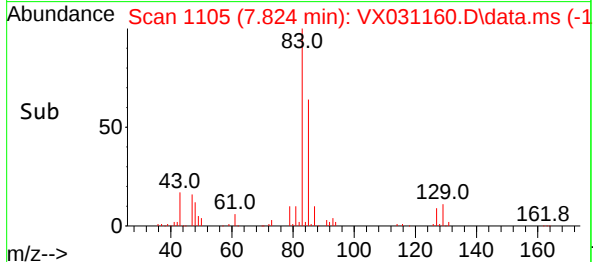
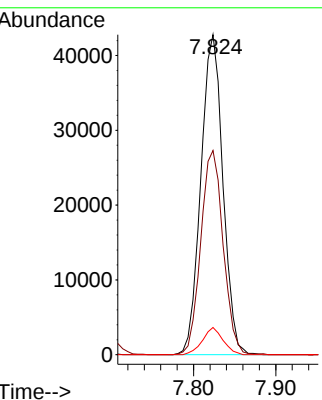
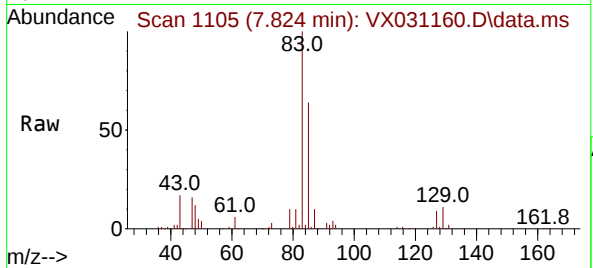
#47
Bromodichloromethane
Concen: 54.091 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 79470
Ion Ratio Lower Upper
83 100
85 63.8 53.5 80.3
127 8.5 6.6 10.0

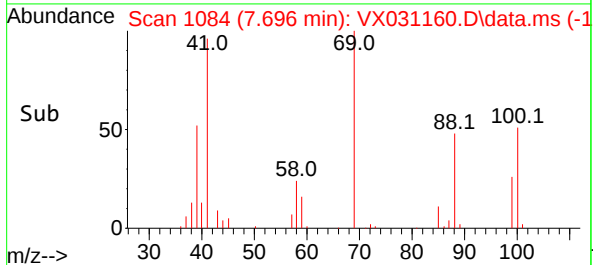
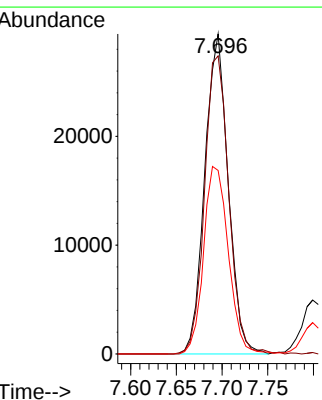
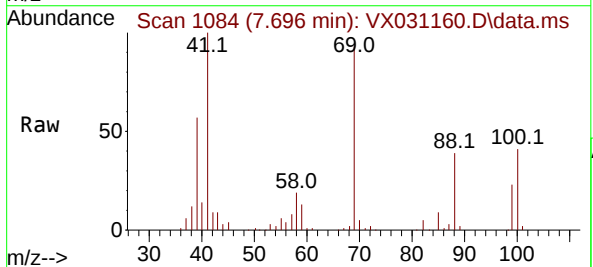
Manual Integrations
APPROVED

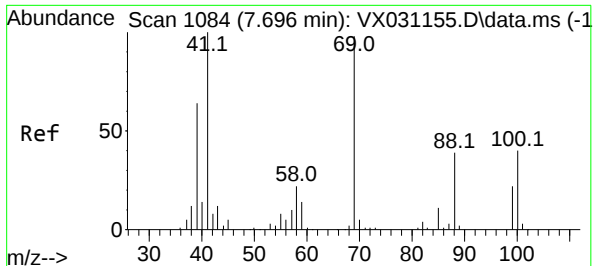
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#48
Methyl methacrylate
Concen: 53.956 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 41 Resp: 52435
Ion Ratio Lower Upper
41 100
69 96.6 68.8 103.2
39 61.9 44.6 66.8





#49

1,4-Dioxane

Concen: 1079.383 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

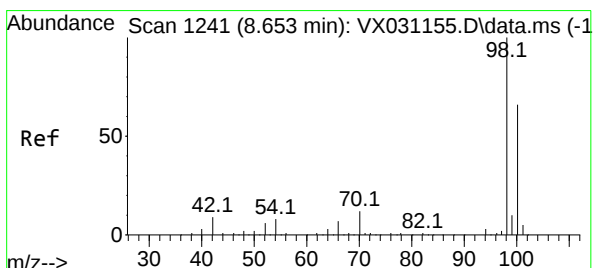
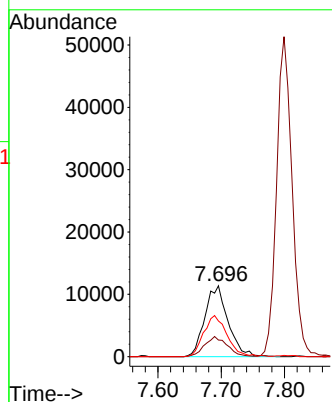
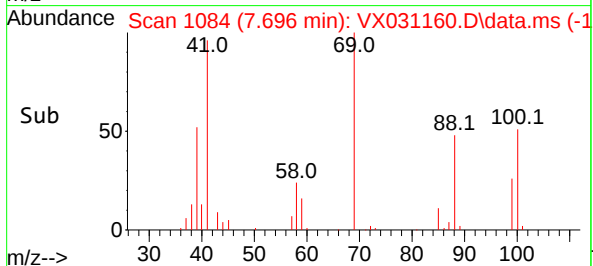
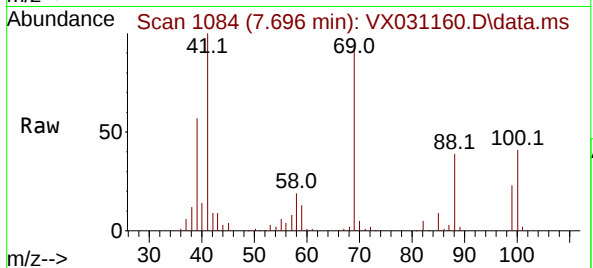
Tgt Ion: 88	Resp: 2895
Ion Ratio	Lower Upper
88 100	
43 28.0	23.8 35.8
58 58.5	53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#50

Toluene-d8

Concen: 51.836 ug/l

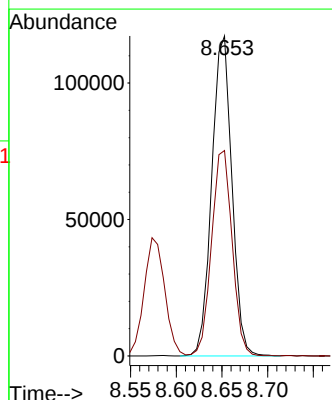
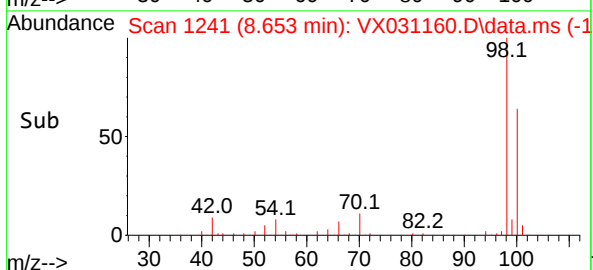
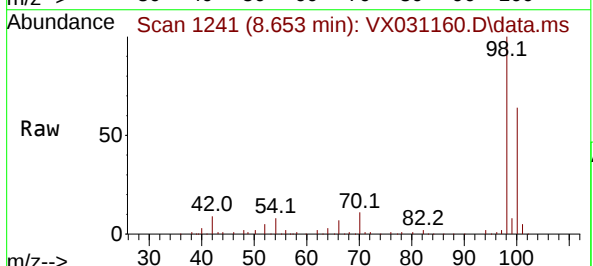
RT: 8.653 min Scan# 1241

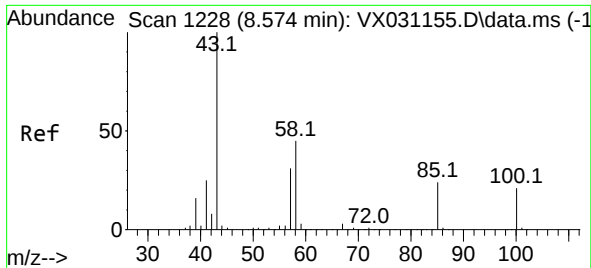
Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Tgt Ion: 98	Resp: 179432
Ion Ratio	Lower Upper
98 100	
100 65.6	52.3 78.5





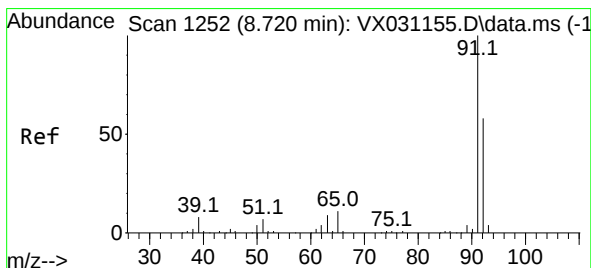
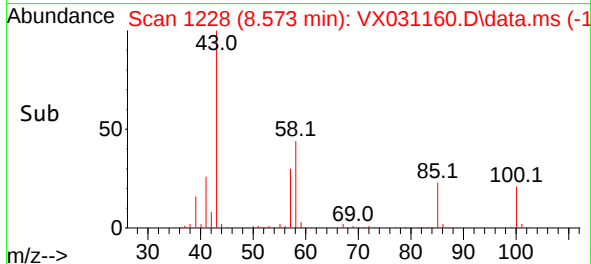
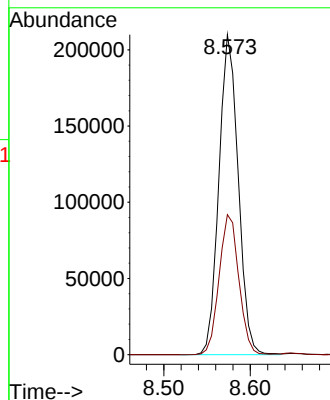
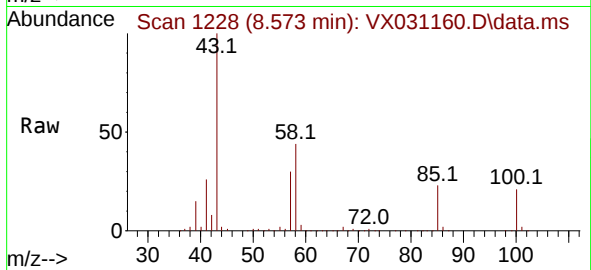
#51
4-Methyl-2-Pentanone
Concen: 266.101 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 32518
Ion Ratio Lower Upper
43 100
58 44.7 31.4 47.2

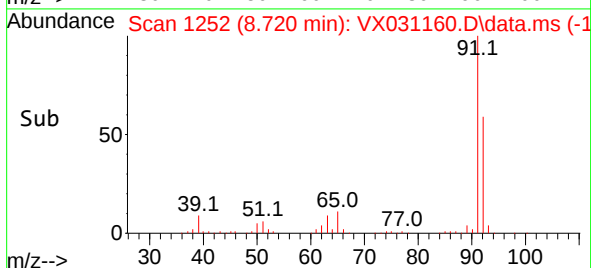
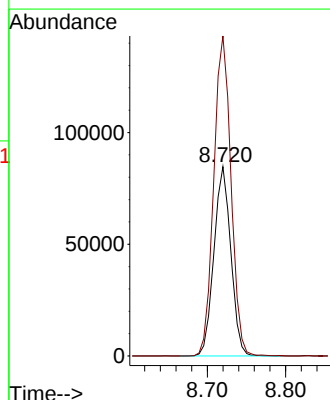
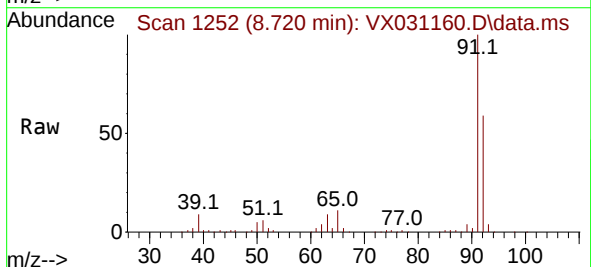
Manual Integrations
APPROVED

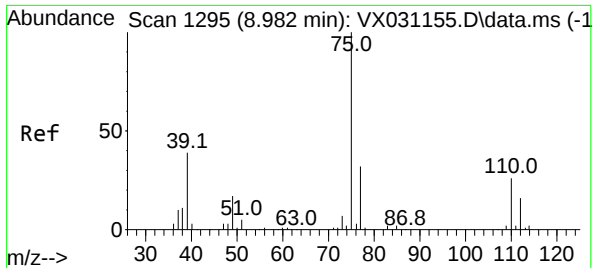
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#52
Toluene
Concen: 49.626 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion: 92 Resp: 126867
Ion Ratio Lower Upper
92 100
91 172.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 56.243 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8608

Ion Ratio Lower Upper

75 100

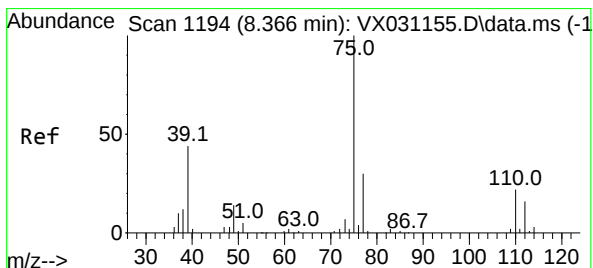
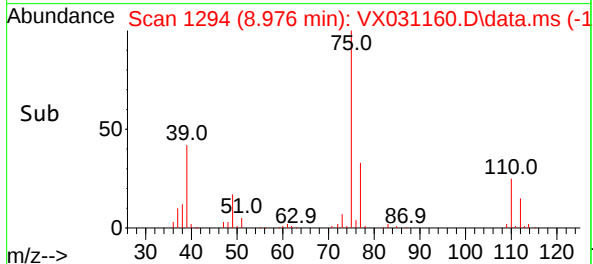
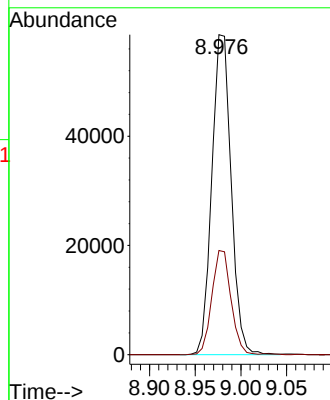
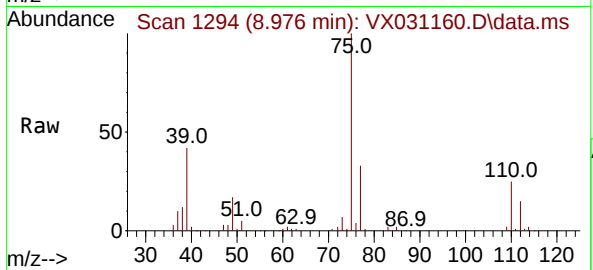
77 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#54

cis-1,3-Dichloropropene

Concen: 54.347 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

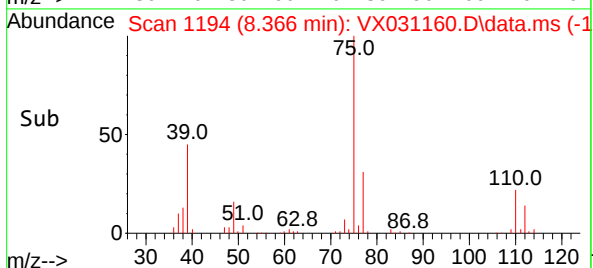
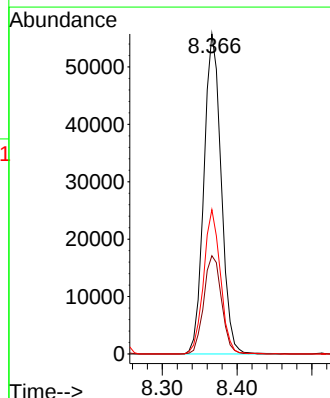
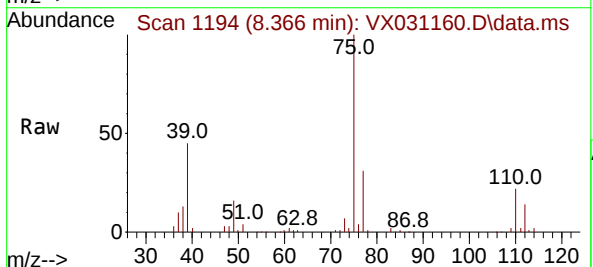
Tgt Ion: 75 Resp: 89307

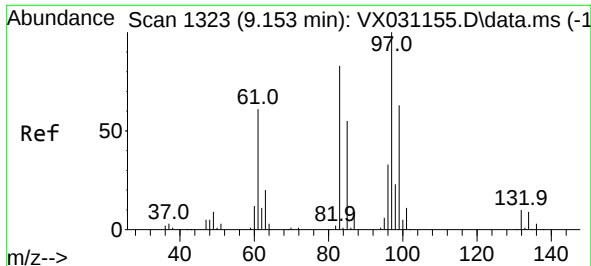
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4

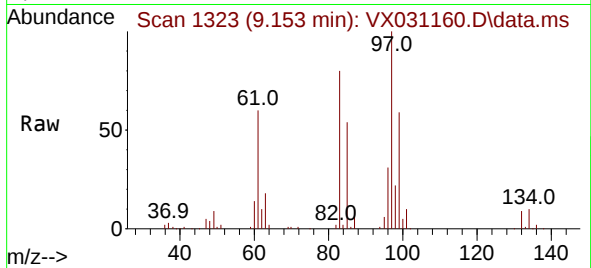
39 45.1 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 52.401 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

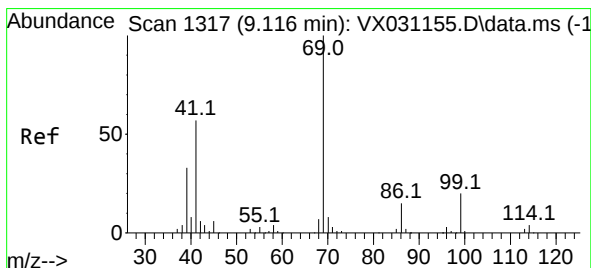
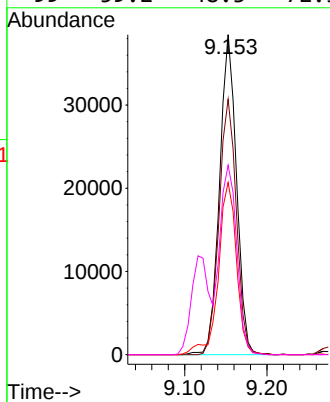
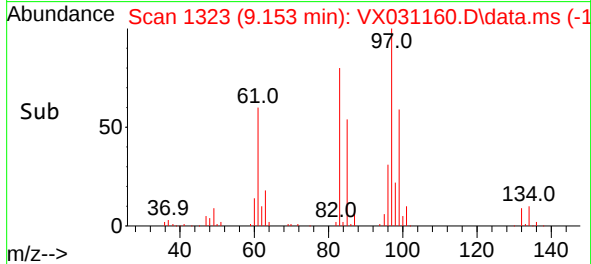
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



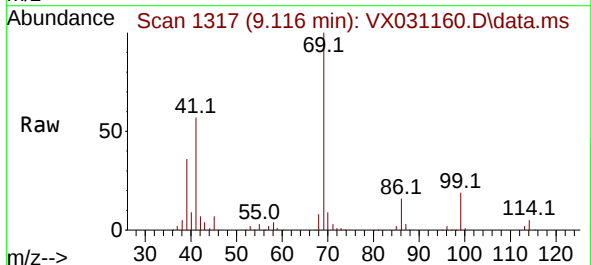
Tgt Ion:	97	Resp:	55070
Ion Ratio	100	Lower	Upper
97	100		
83	79.8	68.9	103.3
85	53.8	44.0	66.0
99	59.2	48.3	72.5

Manual Integrations
APPROVED

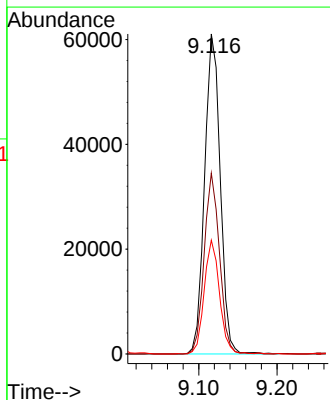
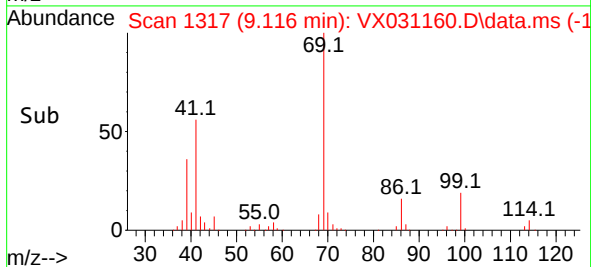
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

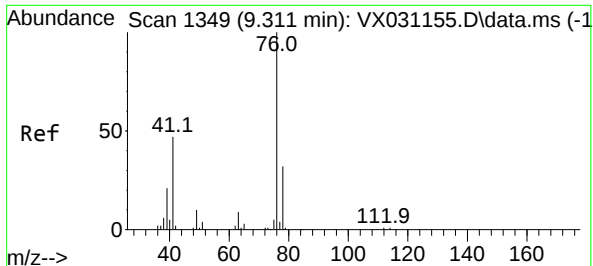


#56
Ethyl methacrylate
Concen: 54.646 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



Tgt Ion:	69	Resp:	84619
Ion Ratio	100	Lower	Upper
69	100		
41	55.4	52.3	78.5
39	34.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.399 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 91529

Ion Ratio Lower Upper

76 100

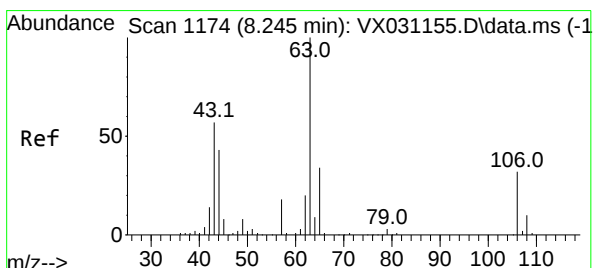
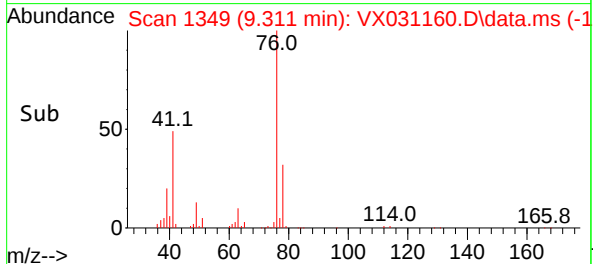
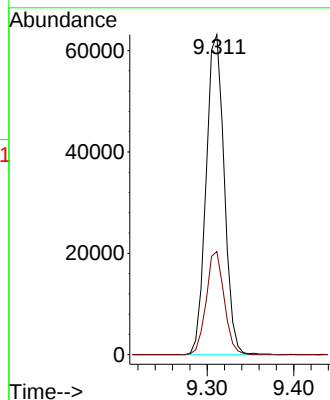
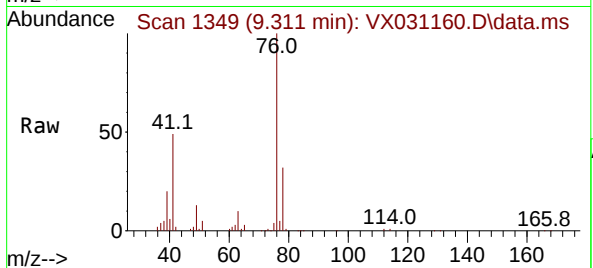
78 32.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 257.587 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX031160.D

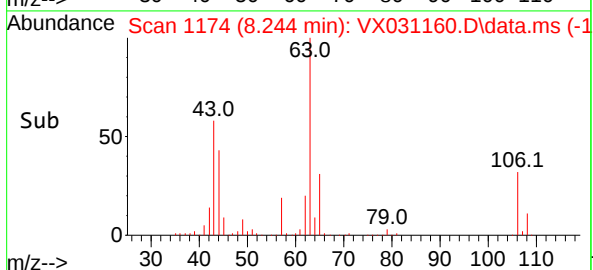
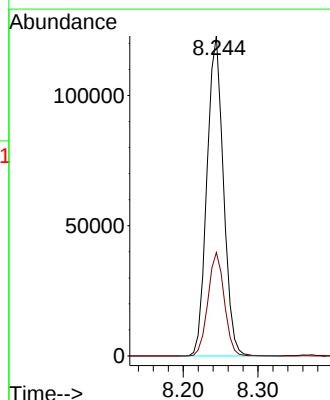
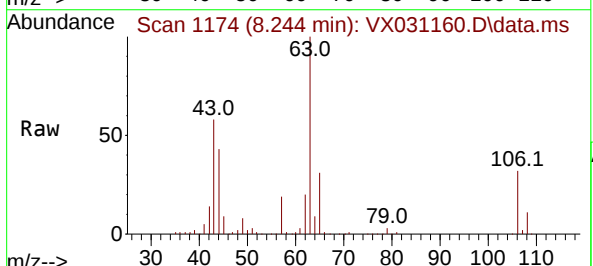
Acq: 07 Sep 2022 15:25

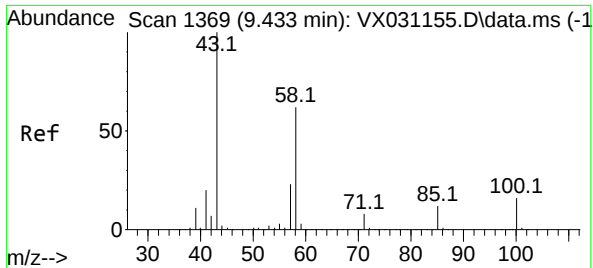
Tgt Ion: 63 Resp: 187989

Ion Ratio Lower Upper

63 100

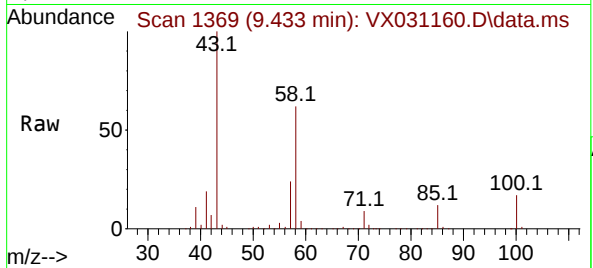
106 31.9 22.2 33.2





#59
2-Hexanone
Concen: 265.736 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

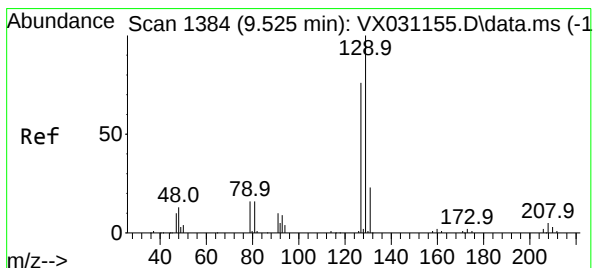
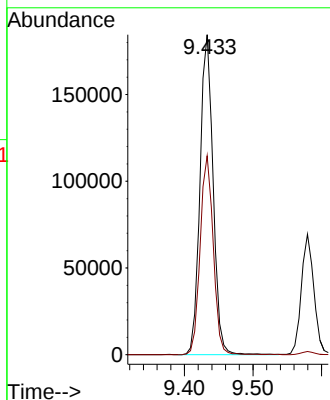
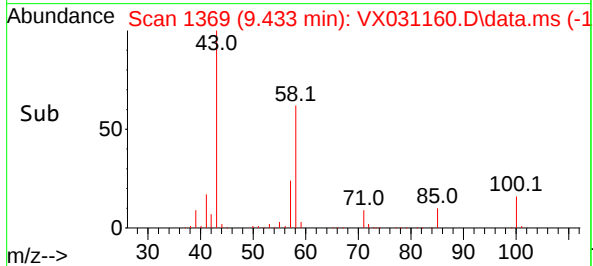
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 245579
Ion Ratio Lower Upper
43 100
58 62.2 27.6 82.8

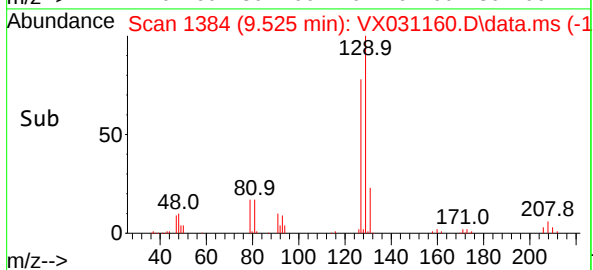
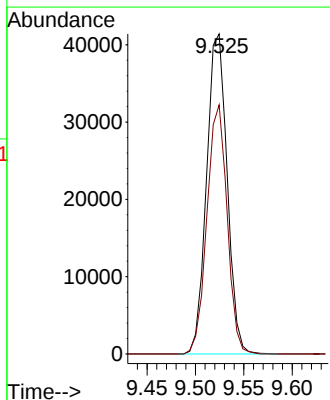
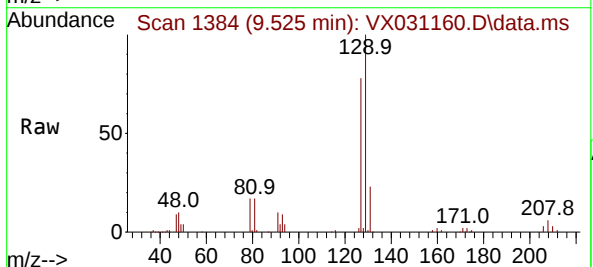
Manual Integrations
APPROVED

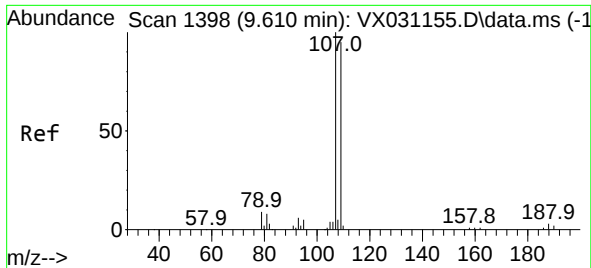
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#60
Dibromochloromethane
Concen: 56.544 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion:129 Resp: 61271
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





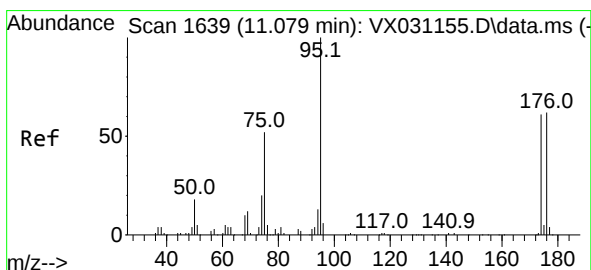
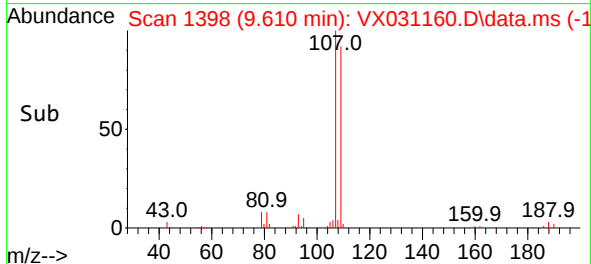
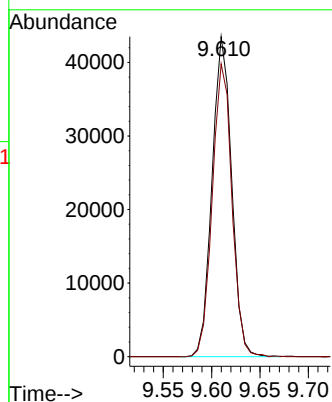
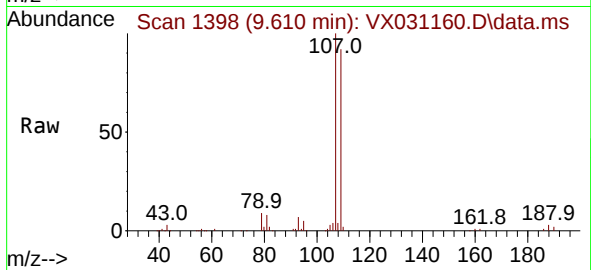
#61
1,2-Dibromoethane
Concen: 52.406 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 6121
Ion Ratio Lower Upper
107 100
109 91.6 76.6 114.8

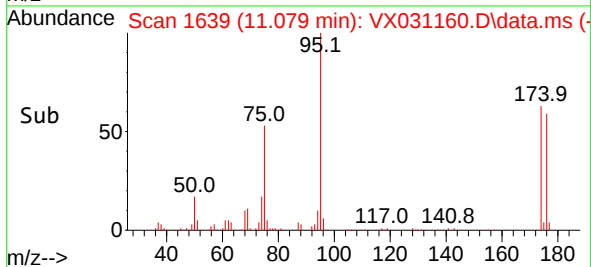
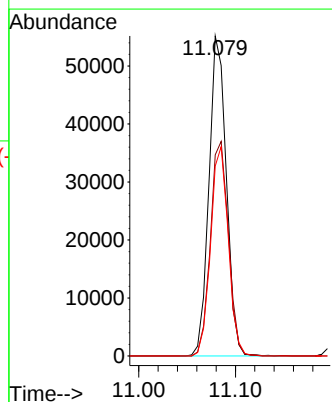
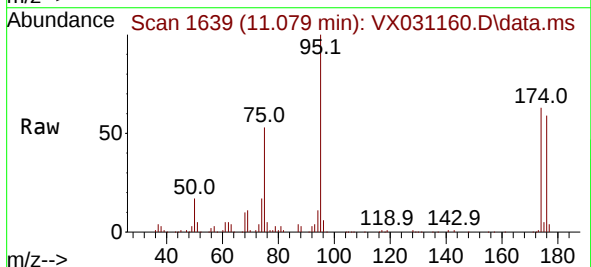
Manual Integrations
APPROVED

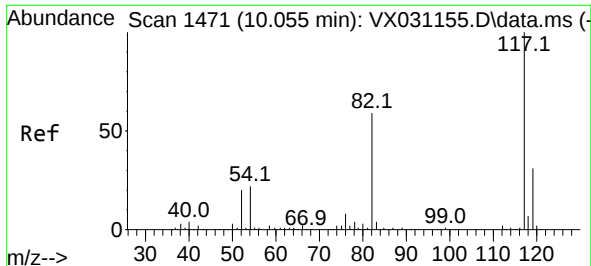
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#62
4-Bromofluorobenzene
Concen: 54.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

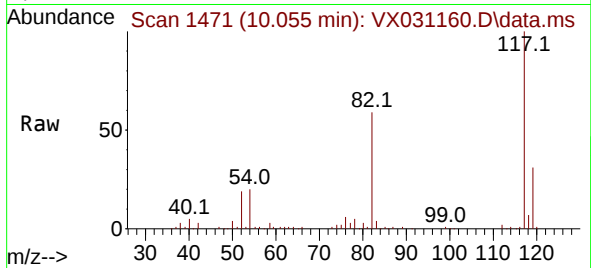
Tgt Ion: 95 Resp: 68948
Ion Ratio Lower Upper
95 100
174 69.8 0.0 149.0
176 66.3 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

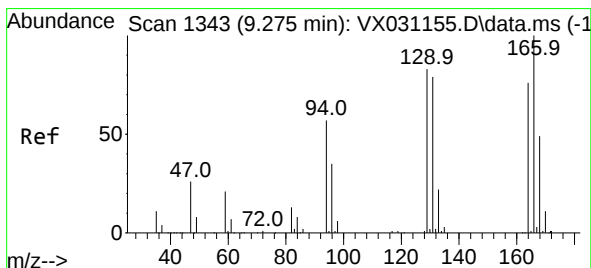
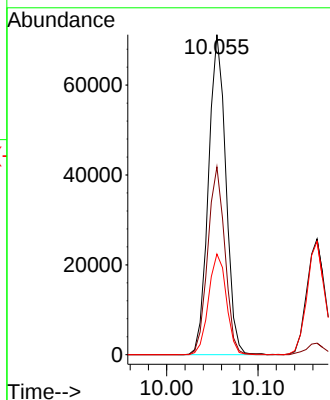
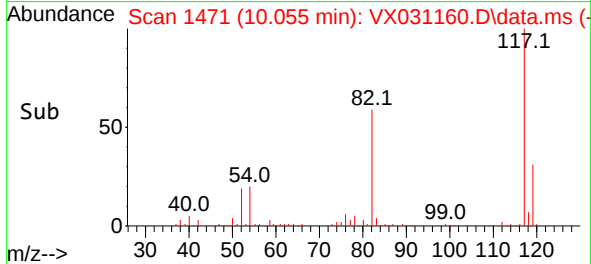
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 93770
Ion Ratio Lower Upper
117 100
82 58.7 42.7 64.1
119 31.4 25.4 38.2

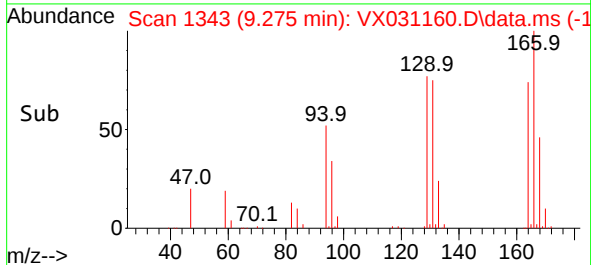
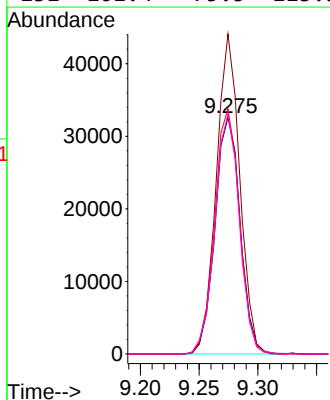
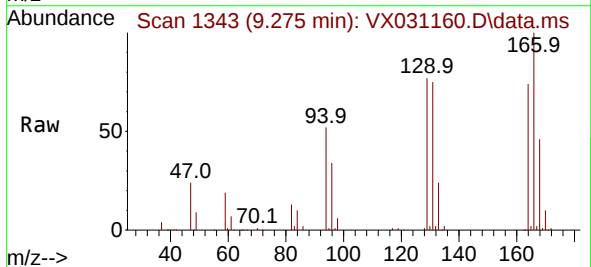
Manual Integrations
APPROVED

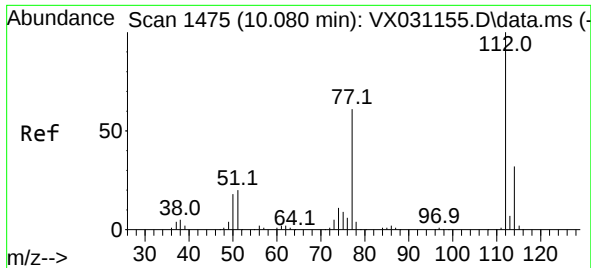
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#64
Tetrachloroethene
Concen: 49.395 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion:164 Resp: 48218
Ion Ratio Lower Upper
164 100
166 135.4 98.2 147.4
129 103.6 80.8 121.2
131 101.4 75.5 113.3





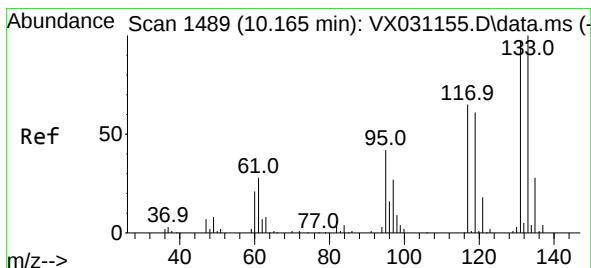
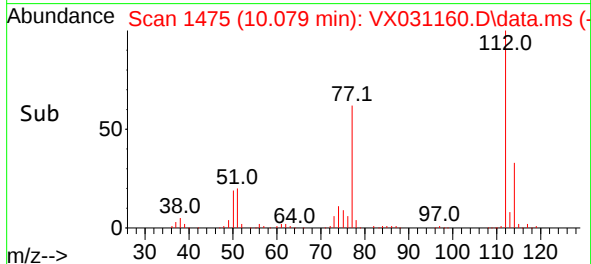
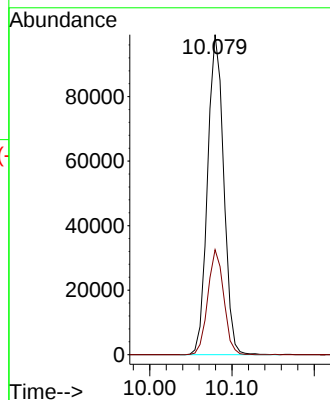
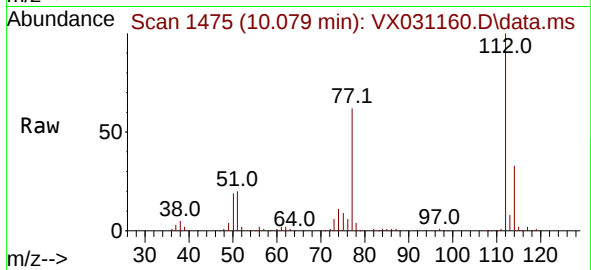
#65
Chlorobenzene
Concen: 48.961 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 13517
Ion Ratio Lower Upper
112 100
114 32.8 24.6 36.8

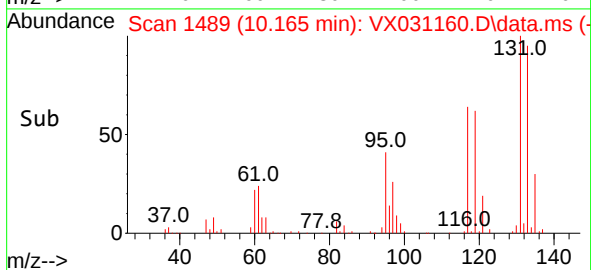
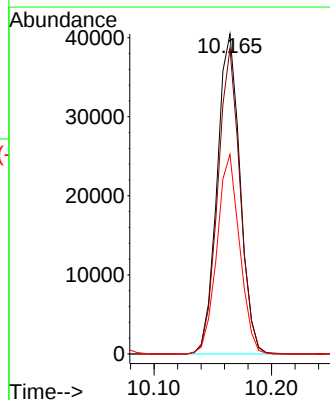
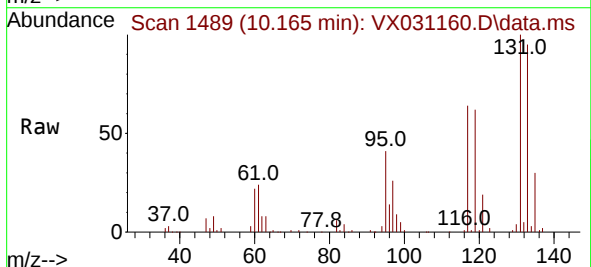
Manual Integrations
APPROVED

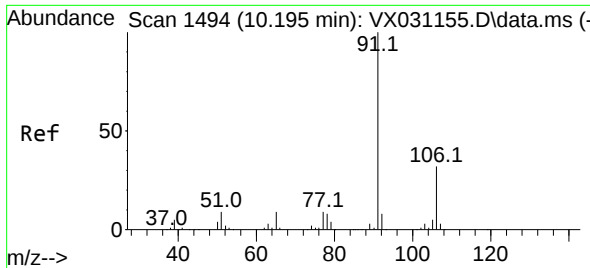
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.756 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion:131 Resp: 54734
Ion Ratio Lower Upper
131 100
133 93.2 46.9 140.8
119 62.0 34.4 103.1





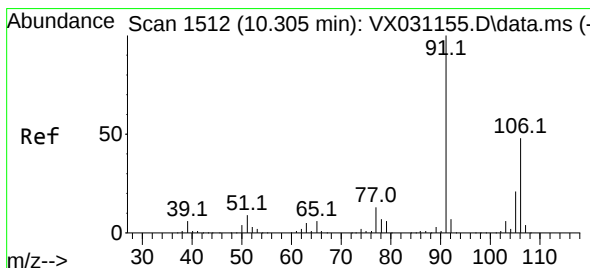
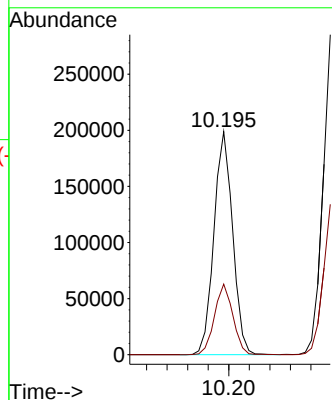
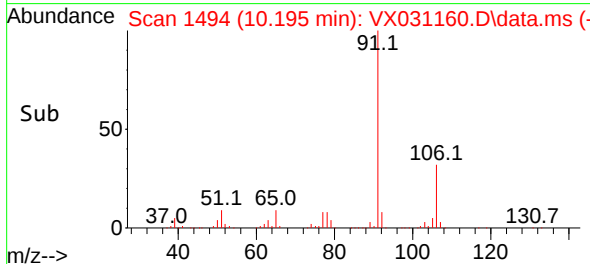
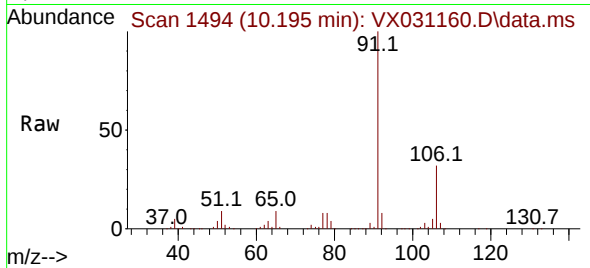
#67
Ethyl Benzene
Concen: 50.119 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25075
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

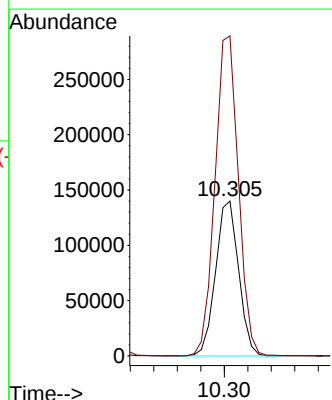
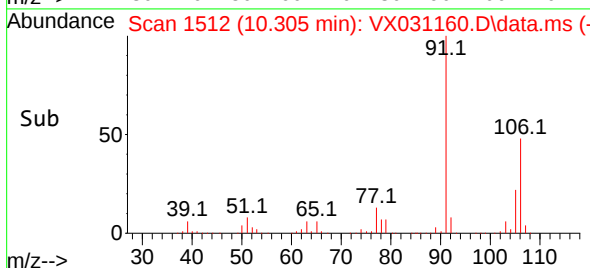
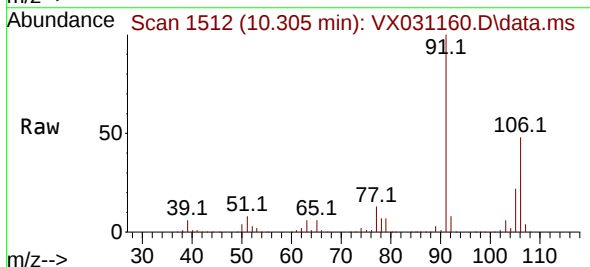
Manual Integrations
APPROVED

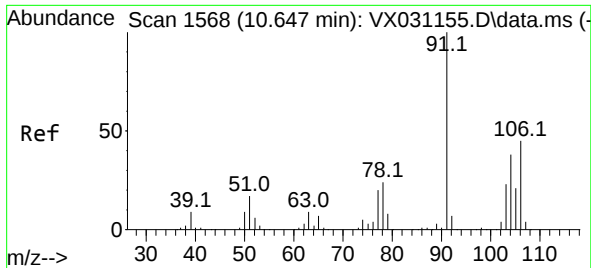
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#68
m/p-Xylenes
Concen: 102.878 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion:106 Resp: 190803
Ion Ratio Lower Upper
106 100
91 209.7 158.2 237.4





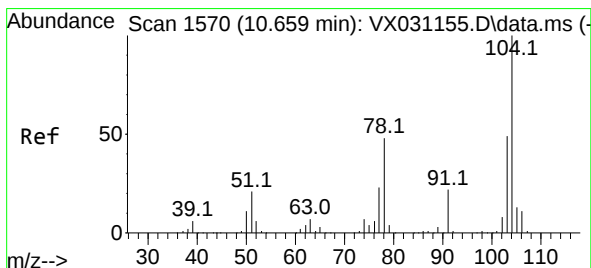
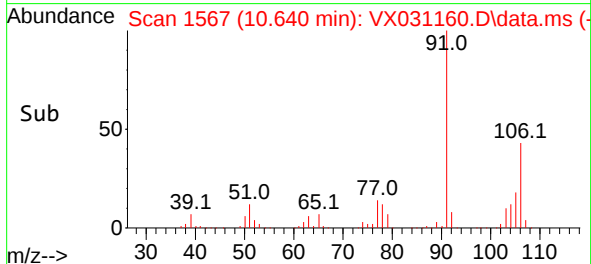
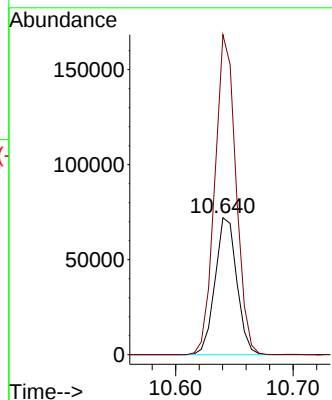
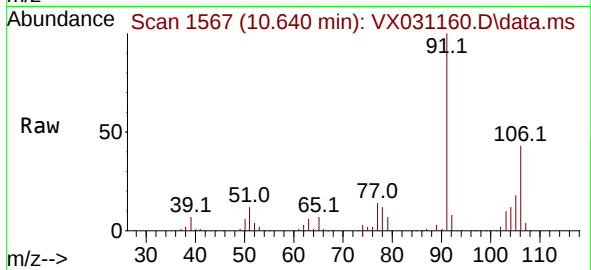
#69
o-Xylene
Concen: 50.047 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 92630
Ion Ratio Lower Upper
106 100
91 227.1 103.8 311.6

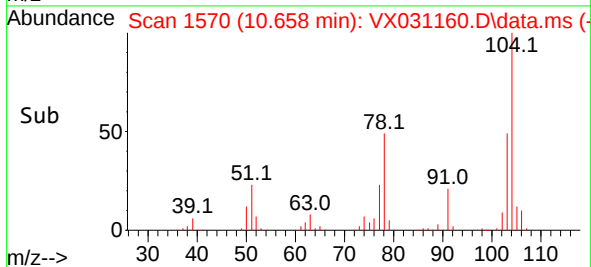
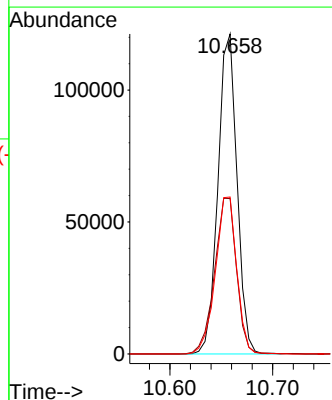
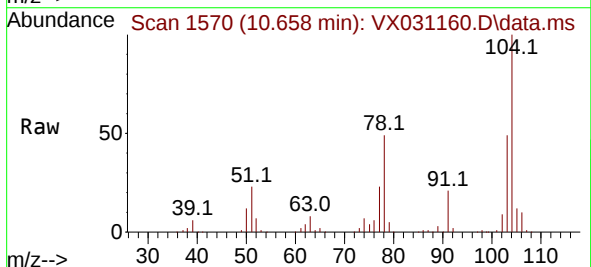
Manual Integrations
APPROVED

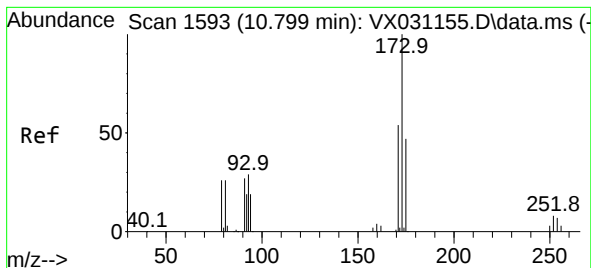
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#70
Styrene
Concen: 52.448 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion:104 Resp: 155680
Ion Ratio Lower Upper
104 100
78 56.1 37.8 56.8
103 54.9 44.5 66.7





#71

Bromoform

Concen: 57.127 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

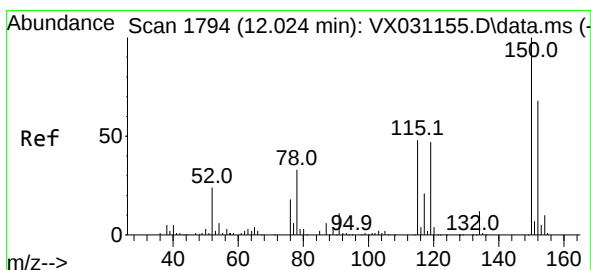
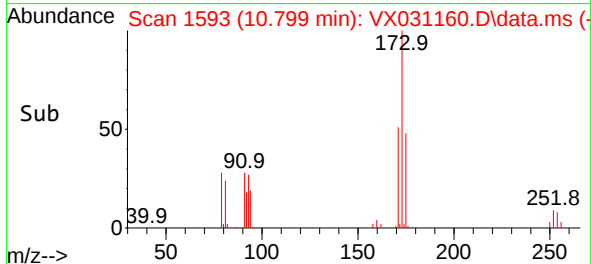
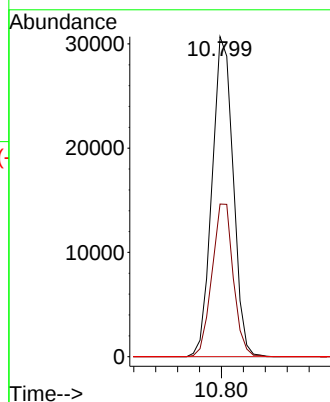
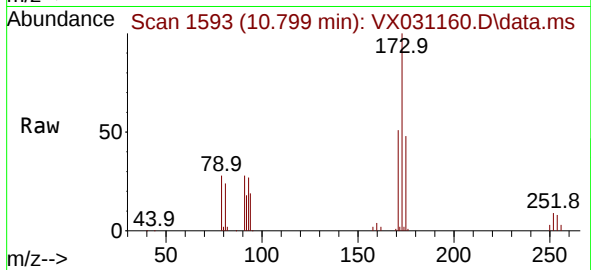
Tgt Ion:173	Resp:	41040
Ion Ratio	Lower	Upper
173	100	
175	48.2	23.8 71.2
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

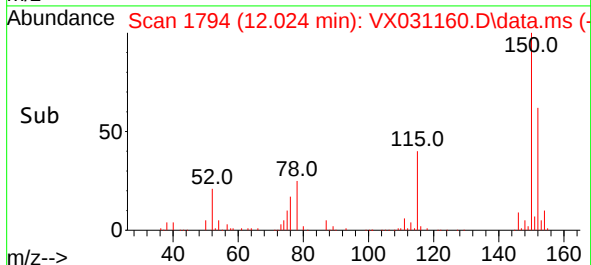
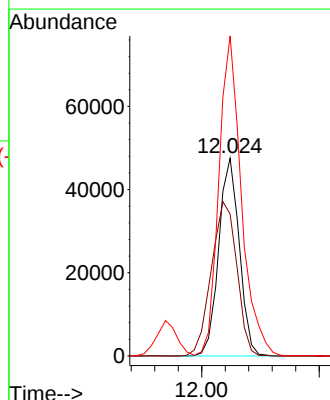
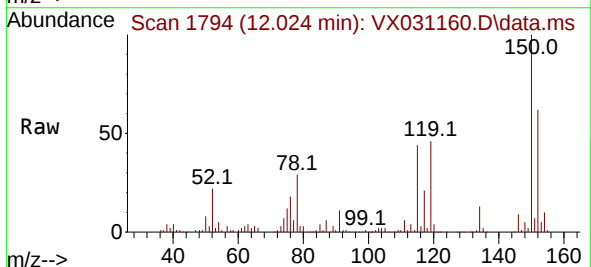
RT: 12.024 min Scan# 1794

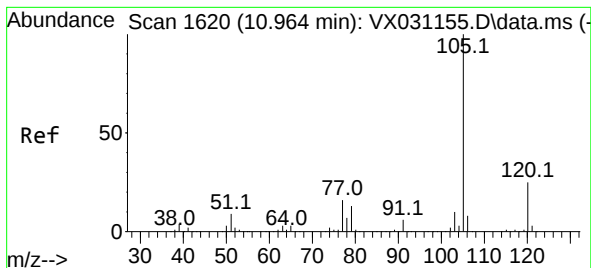
Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Tgt Ion:152	Resp:	57853
Ion Ratio	Lower	Upper
152	100	
115	96.5	40.5 121.5
150	177.2	0.0 347.0





#73

Isopropylbenzene

Concen: 49.908 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 25072

Ion Ratio Lower Upper

105 100

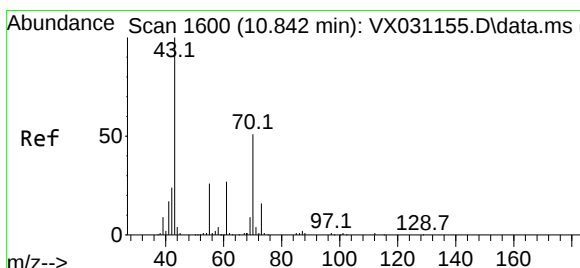
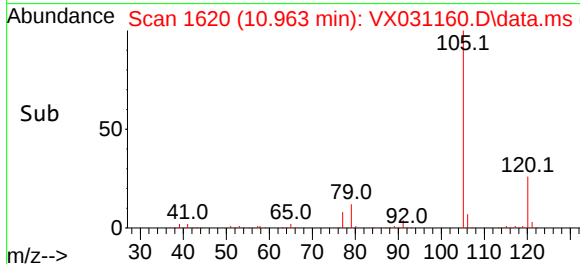
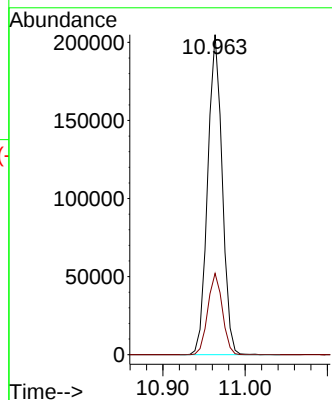
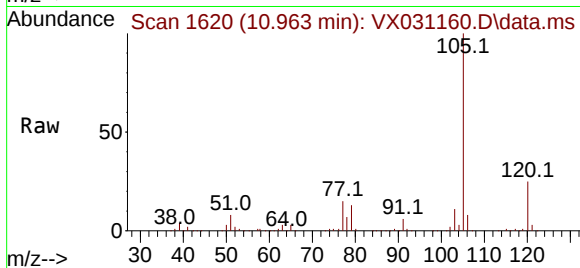
120 25.4 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#74

N-ethyl acetate

Concen: 52.823 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Tgt Ion: 43 Resp: 84485

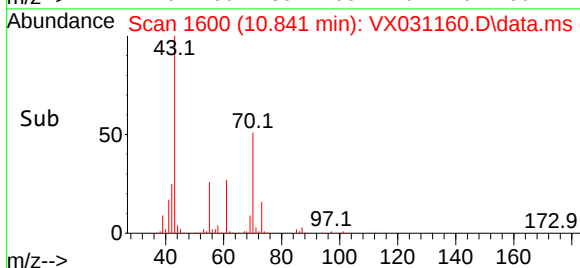
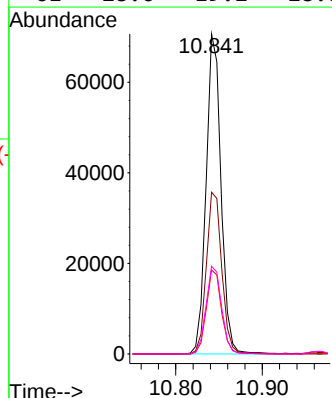
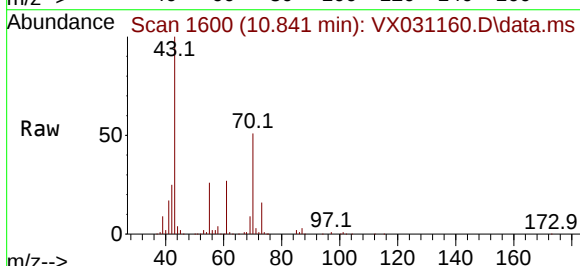
Ion Ratio Lower Upper

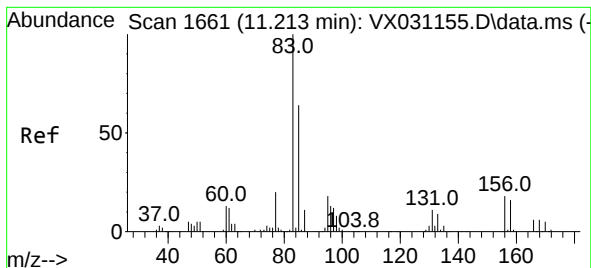
43 100

70 52.4 32.3 48.5

55 26.9 18.4 27.6

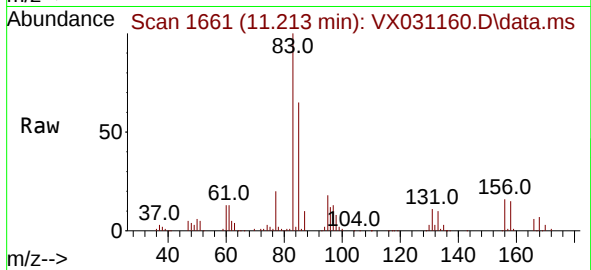
61 28.6 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.426 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

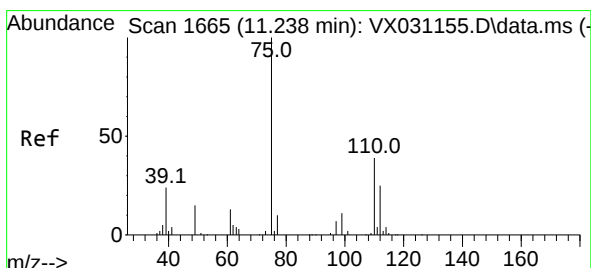
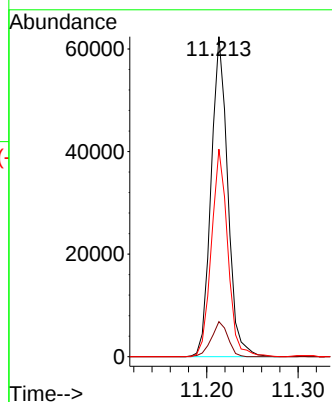
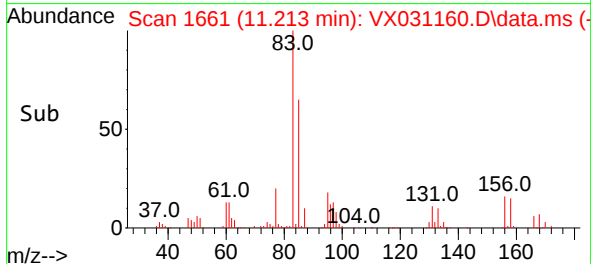
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



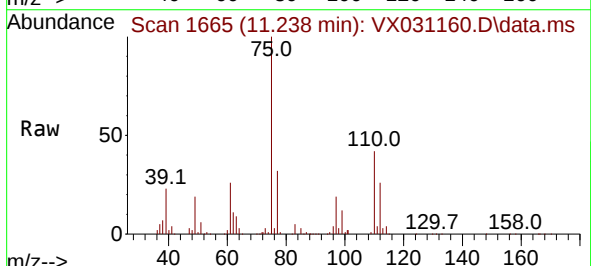
Tgt Ion: 83 Resp: 79080
Ion Ratio Lower Upper
83 100
131 10.9 4.5 13.7
85 63.7 32.5 97.5

Manual Integrations
APPROVED

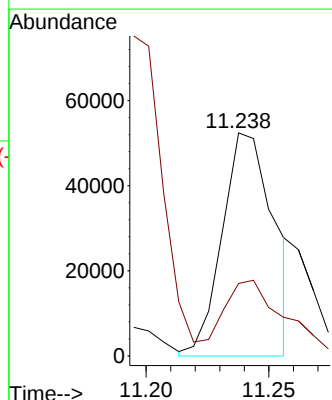
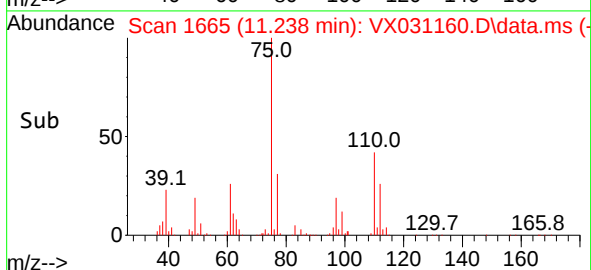
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

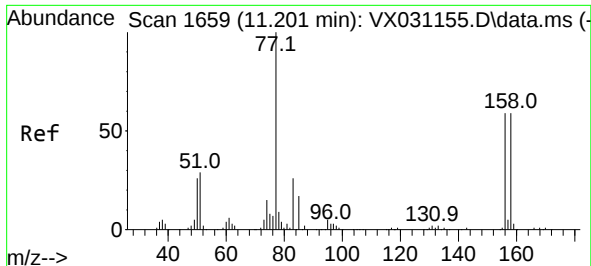


#76
1,2,3-Trichloropropane
Concen: 48.527 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



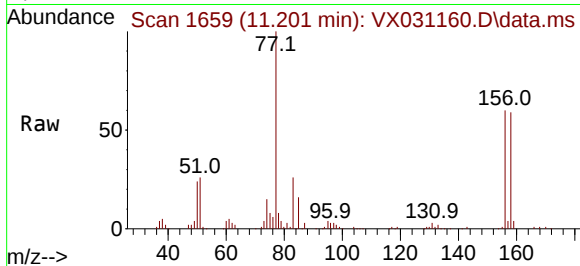
Tgt Ion: 75 Resp: 76620
Ion Ratio Lower Upper
75 100
77 40.7 19.8 59.3





#77
Bromobenzene
Concen: 50.400 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

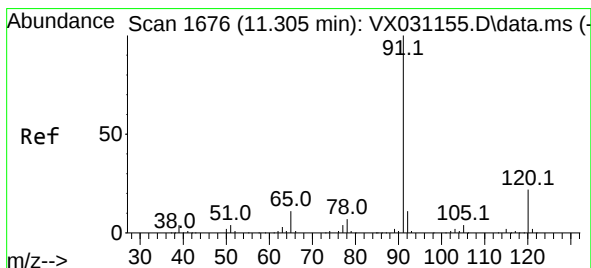
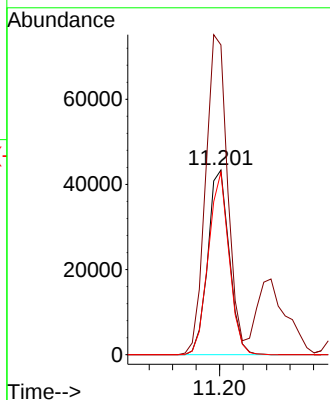
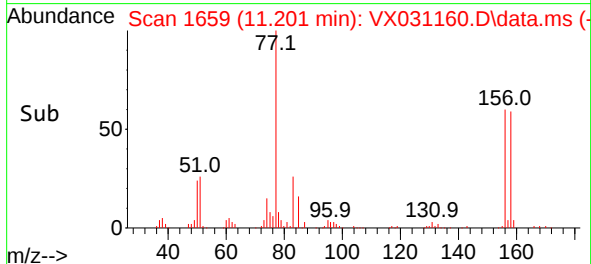
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



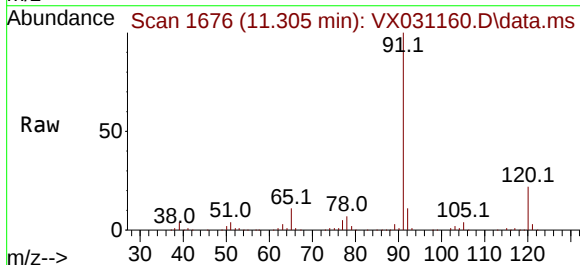
Tgt Ion:156 Resp: 55029
Ion Ratio Lower Upper
156 100
77 177.0 82.7 247.9
158 95.4 47.5 142.5

Manual Integrations
APPROVED

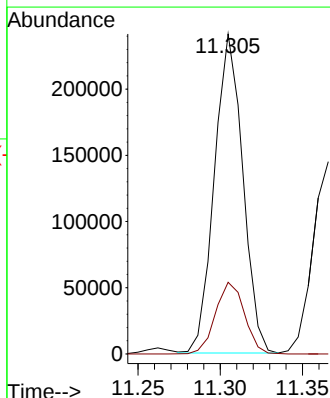
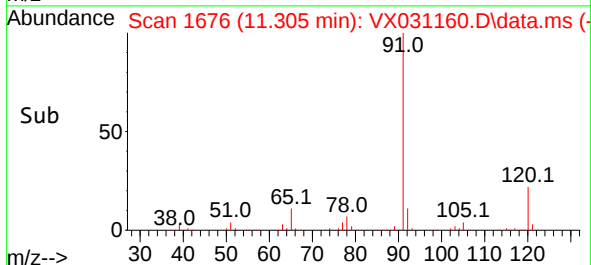
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

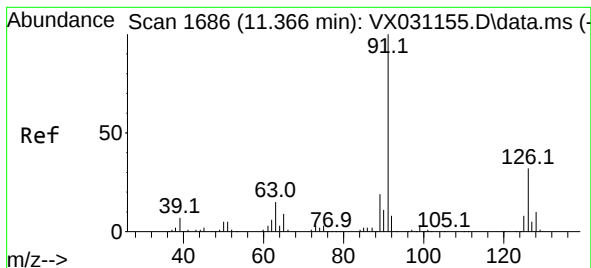


#78
n-propylbenzene
Concen: 50.471 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



Tgt Ion: 91 Resp: 289022
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





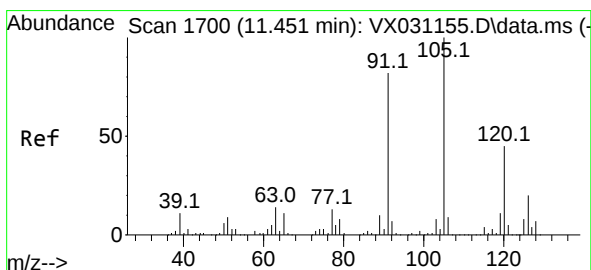
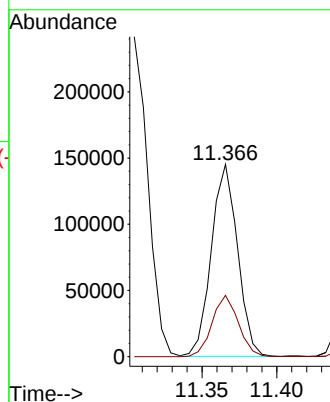
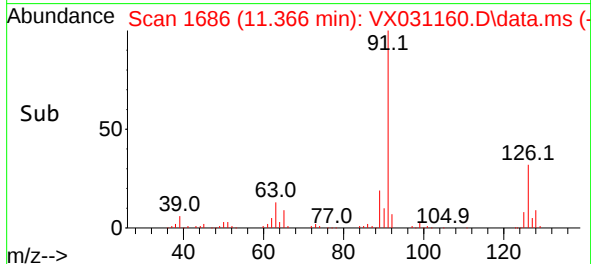
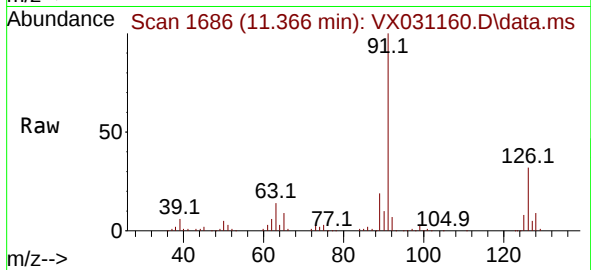
#79
2-Chlorotoluene
Concen: 49.842 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 17682
Ion Ratio Lower Upper
91 100
126 31.9 17.4 52.3

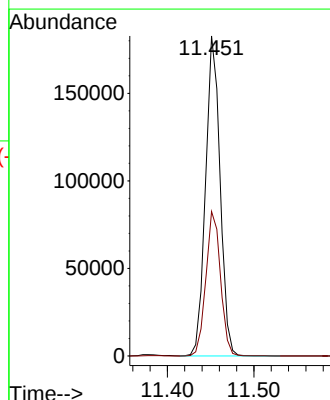
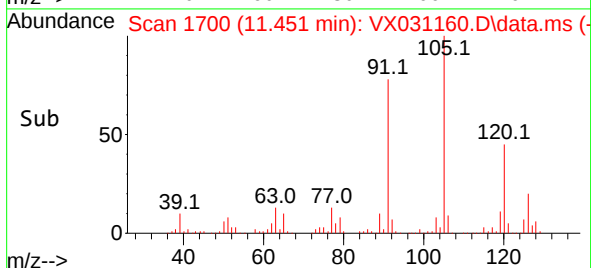
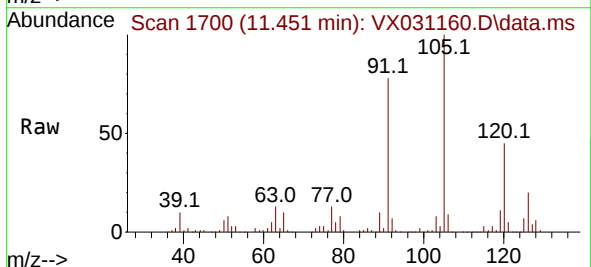
Manual Integrations
APPROVED

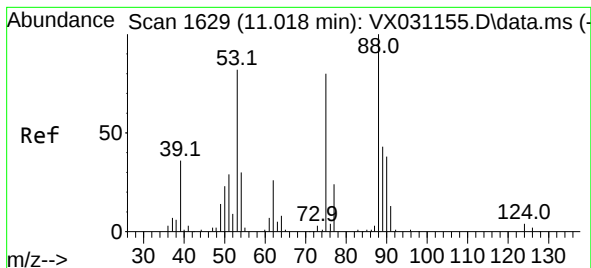
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.405 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

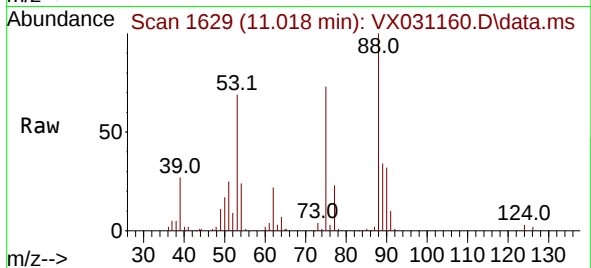
Tgt Ion:105 Resp: 212881
Ion Ratio Lower Upper
105 100
120 45.4 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 54.949 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

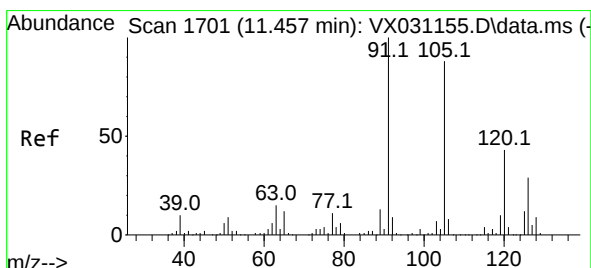
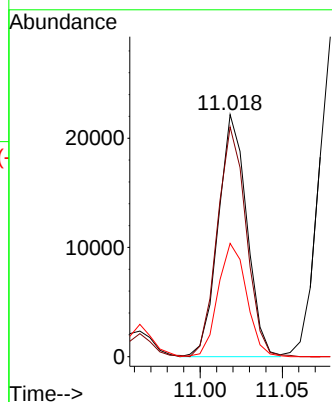
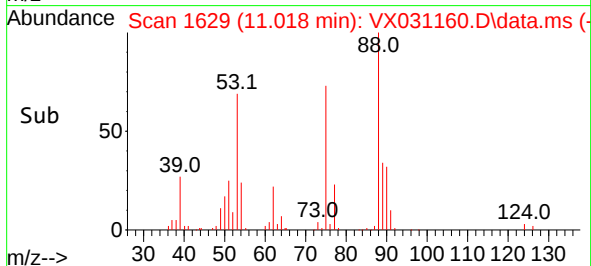
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2690
Ion Ratio Lower Upper
75 100
53 95.4 74.2 111.4
89 46.5 34.8 52.2

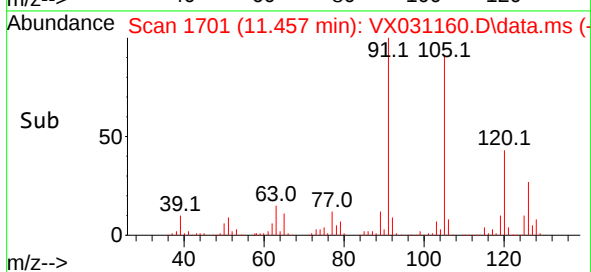
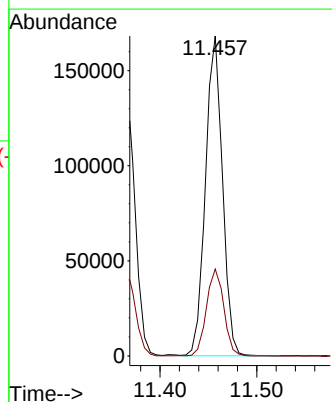
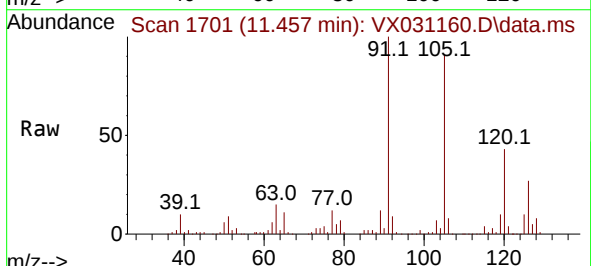
Manual Integrations
APPROVED

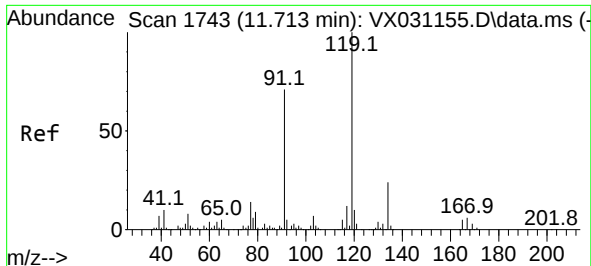
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#82
4-Chlorotoluene
Concen: 50.175 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

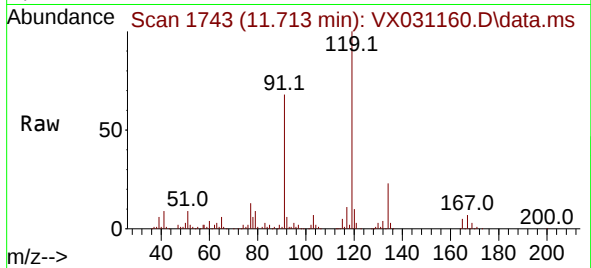
Tgt Ion: 91 Resp: 205952
Ion Ratio Lower Upper
91 100
126 27.7 15.3 45.9





#83
tert-Butylbenzene
Concen: 49.075 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

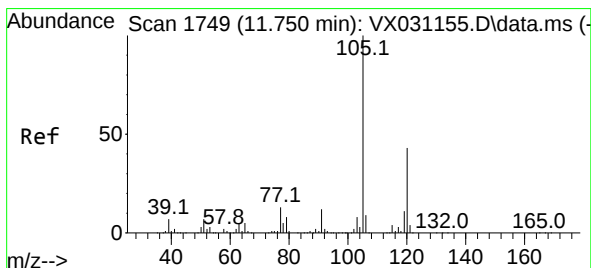
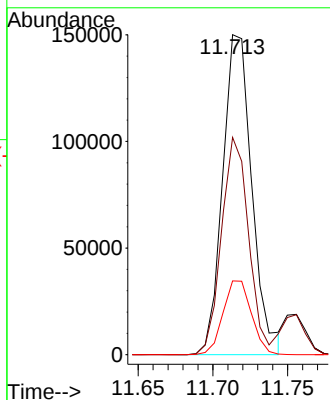
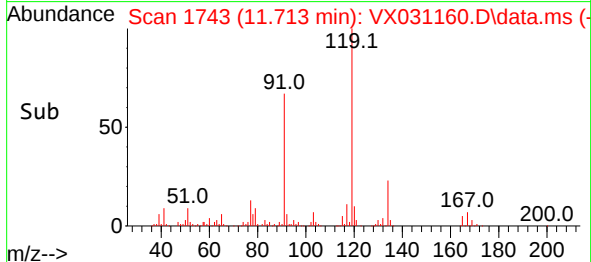
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 204319
Ion Ratio Lower Upper
119 100
91 62.9 28.3 84.9
134 22.4 11.2 33.5

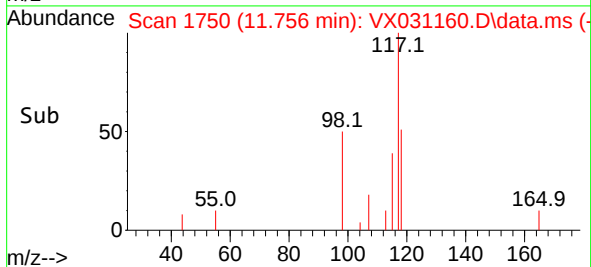
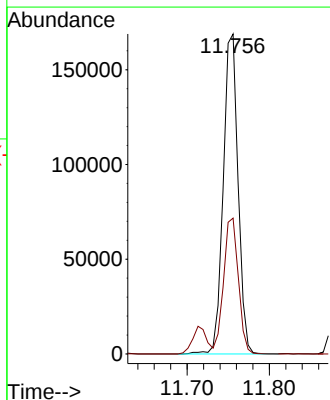
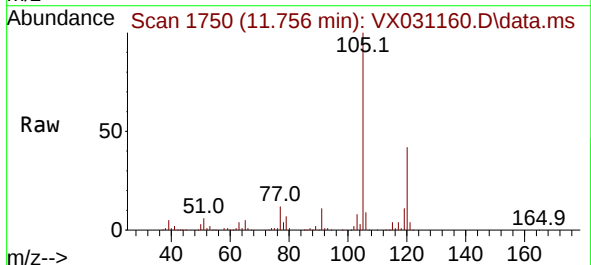
Manual Integrations
APPROVED

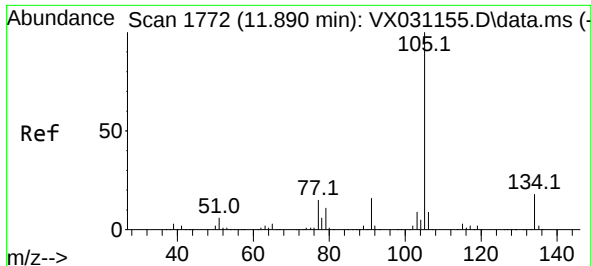
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.463 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

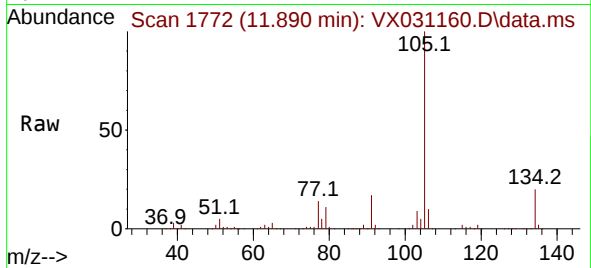
Tgt Ion:105 Resp: 211303
Ion Ratio Lower Upper
105 100
120 42.3 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 49.552 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031160.D
 Acq: 07 Sep 2022 15:25

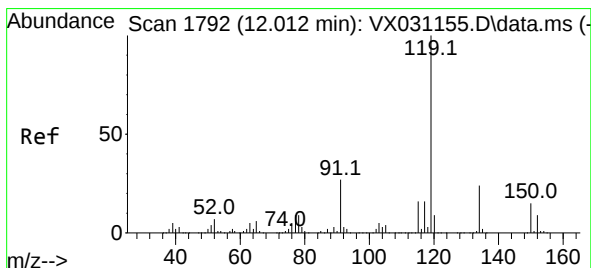
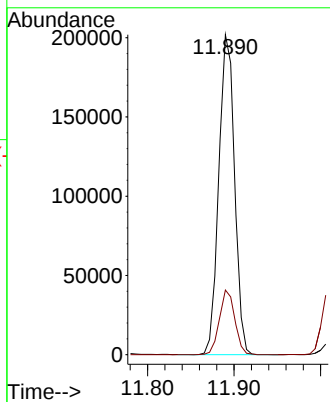
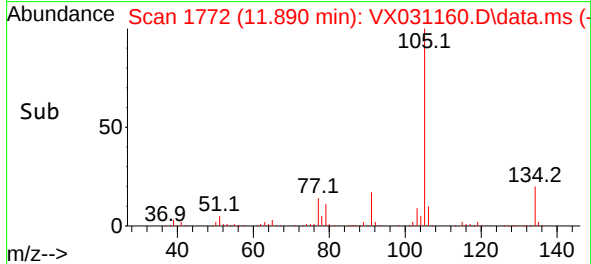
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 255509
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

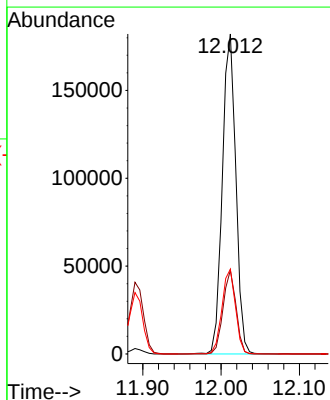
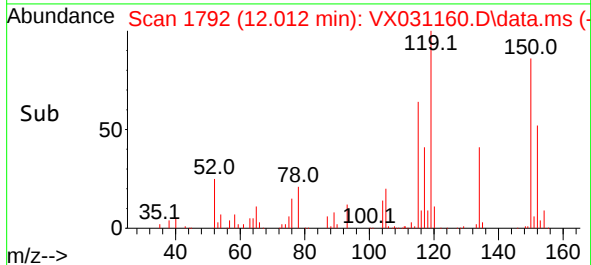
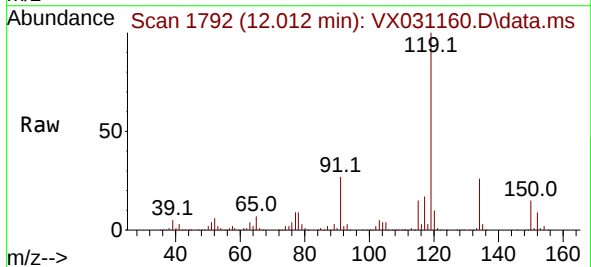
Manual Integrations
 APPROVED

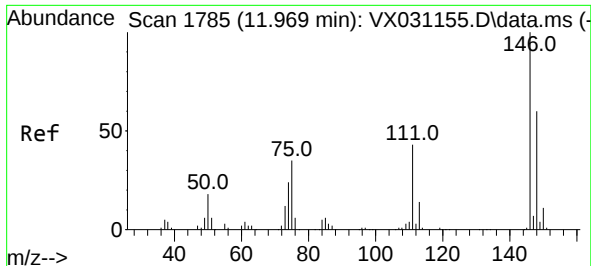
Reviewed By :John Carlone 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#86
 p-Isopropyltoluene
 Concen: 52.524 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031160.D
 Acq: 07 Sep 2022 15:25

Tgt Ion:119 Resp: 218797
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.9 41.6
 91 26.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 50.487 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 102452

Ion Ratio Lower Upper

146 100

111 44.2 20.3 60.8

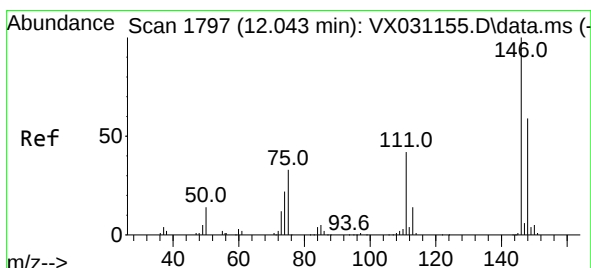
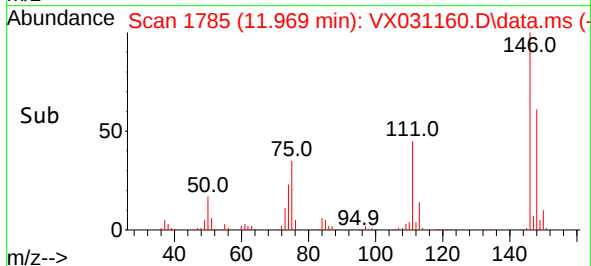
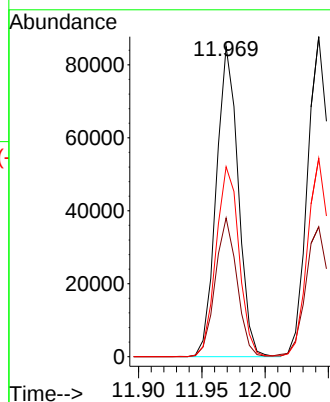
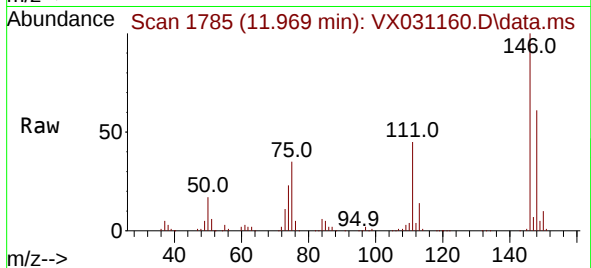
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#88

1,4-Dichlorobenzene

Concen: 50.731 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

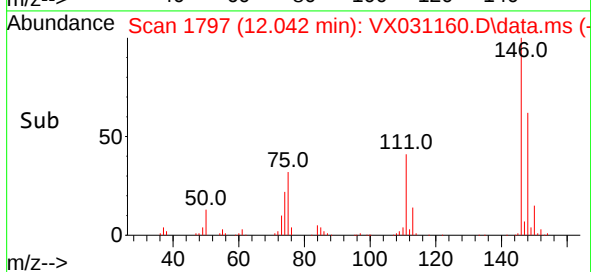
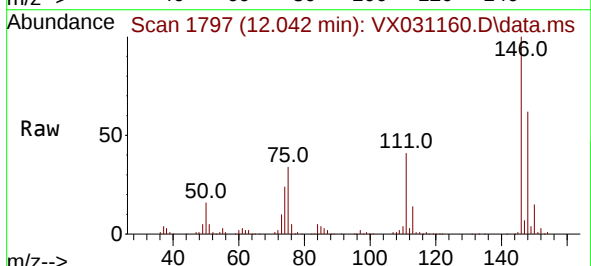
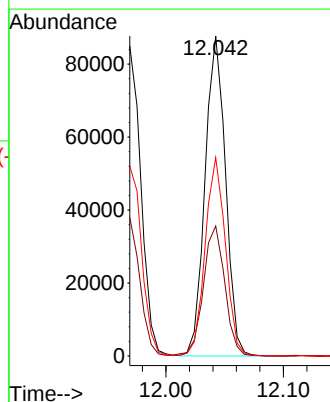
Tgt Ion:146 Resp: 105868

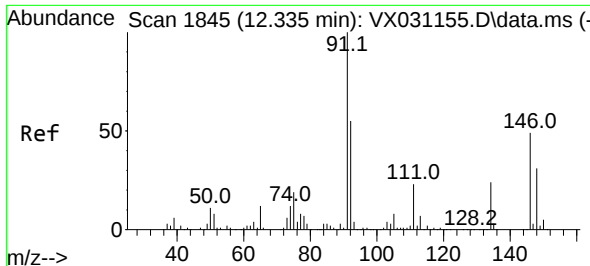
Ion Ratio Lower Upper

146 100

111 42.6 20.3 60.9

148 61.5 32.3 96.8





#89

n-Butylbenzene

Concen: 54.049 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 194124

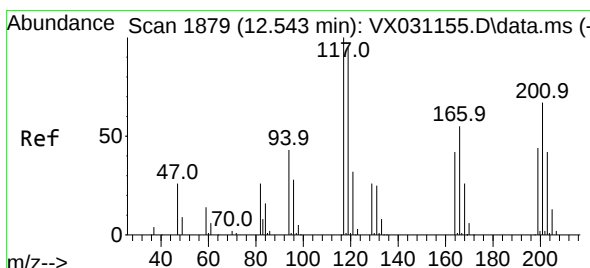
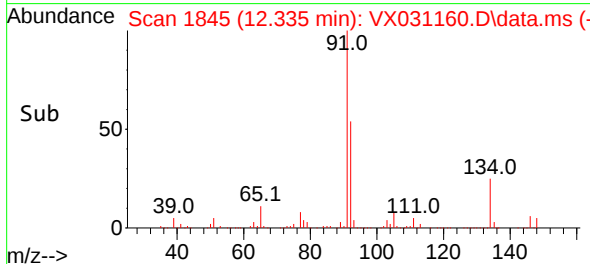
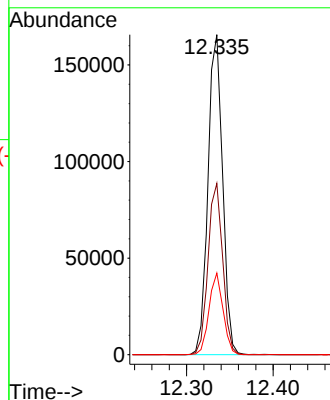
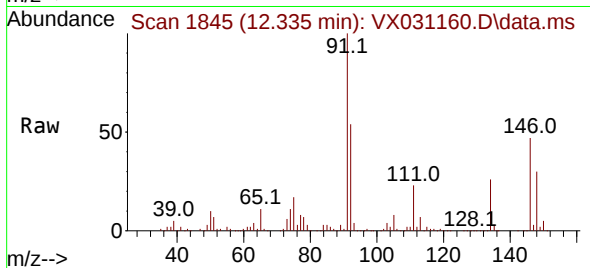
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.2	78.5
134	24.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#90

Hexachloroethane

Concen: 51.797 ug/l

RT: 12.542 min Scan# 1879

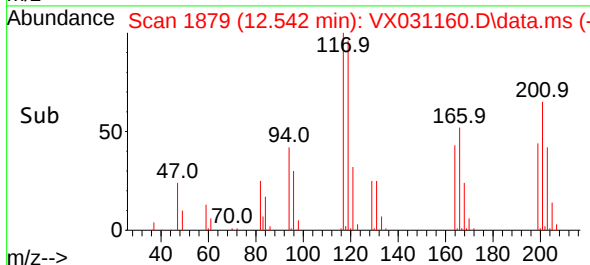
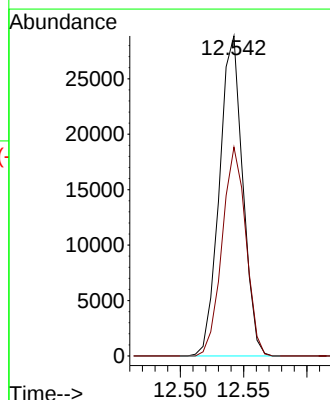
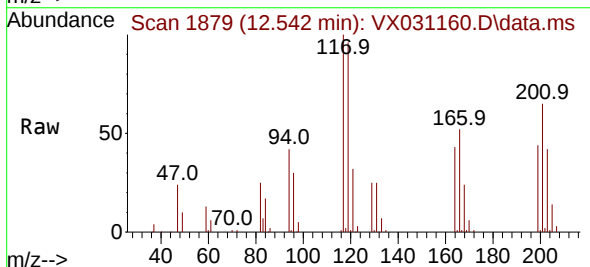
Delta R.T. -0.000 min

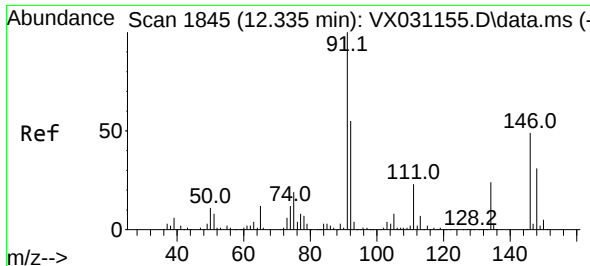
Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Tgt Ion:117 Resp: 37074

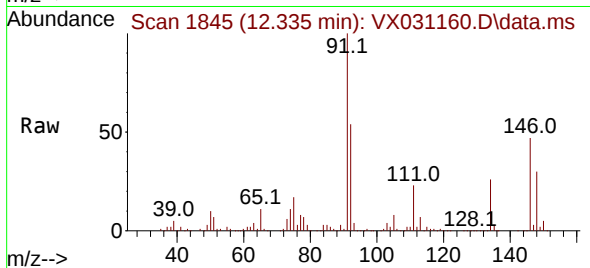
Ion	Ratio	Lower	Upper
117	100		
201	66.2	34.2	102.5





#91
1,2-Dichlorobenzene
Concen: 50.037 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

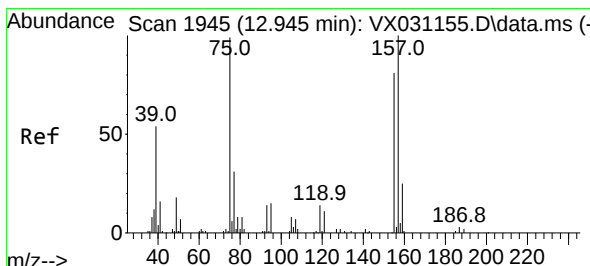
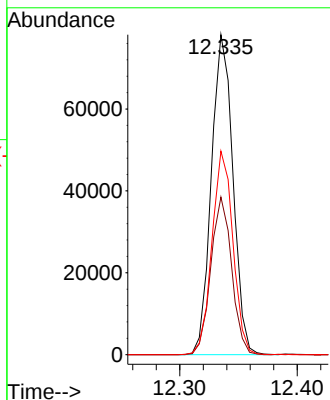
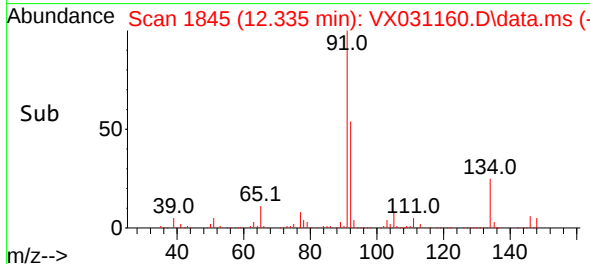
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



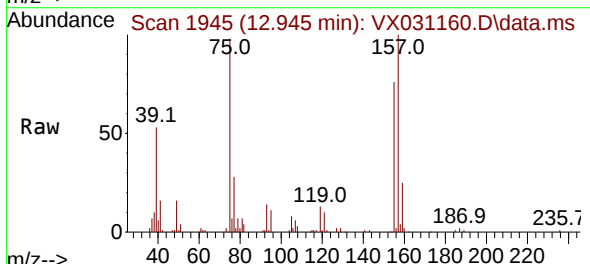
Tgt Ion:146 Resp: 99574
Ion Ratio Lower Upper
146 100
111 47.5 20.7 62.1
148 62.0 32.0 96.2

Manual Integrations
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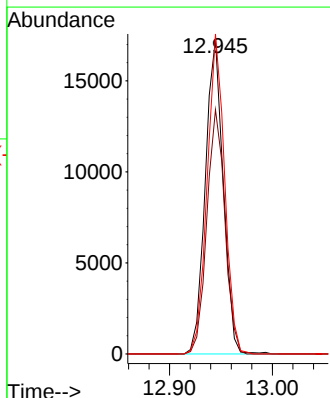
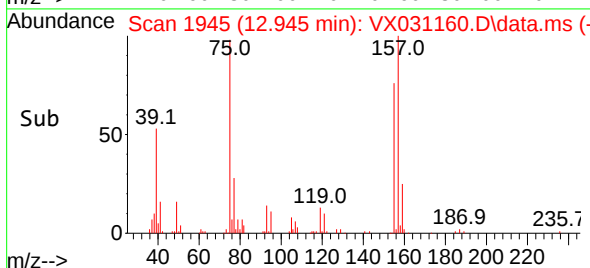
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

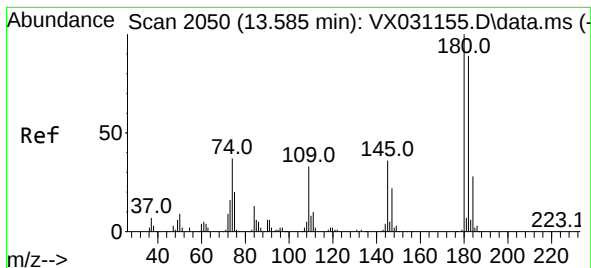


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.767 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25



Tgt Ion: 75 Resp: 21004
Ion Ratio Lower Upper
75 100
155 77.8 45.0 134.8
157 98.9 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 54.061 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

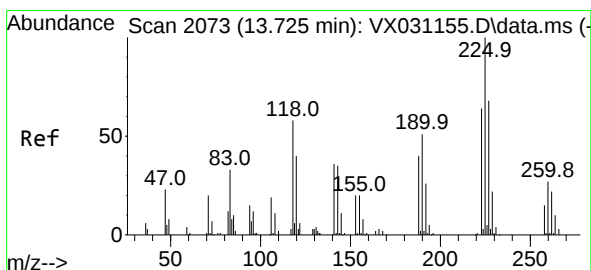
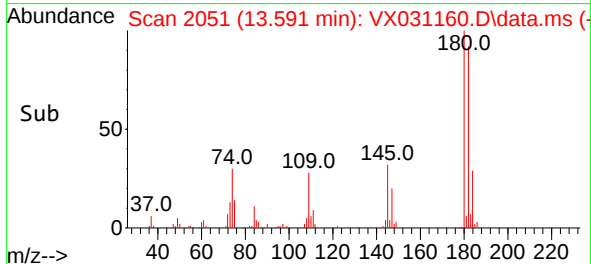
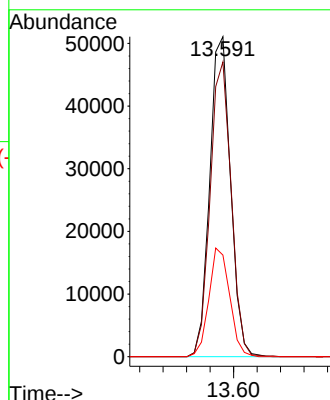
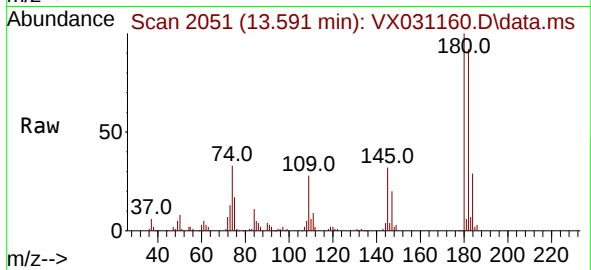
Tgt Ion:180	Resp: 6291
Ion Ratio	Lower Upper
180 100	
182 92.9	48.2 144.6
145 33.9	15.9 47.6

Manual Integrations

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Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#94

Hexachlorobutadiene

Concen: 49.554 ug/l

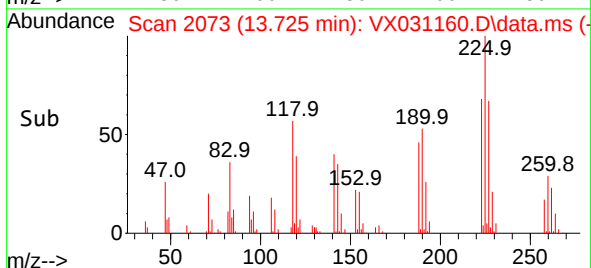
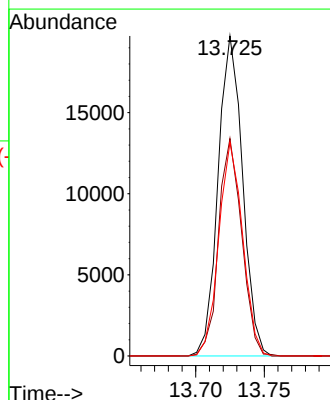
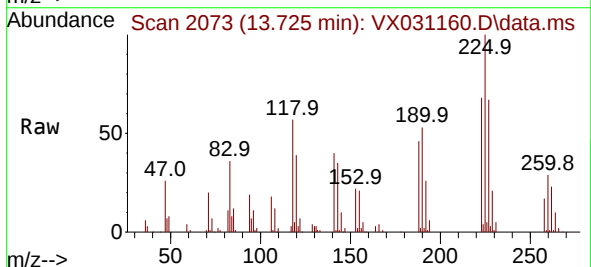
RT: 13.725 min Scan# 2073

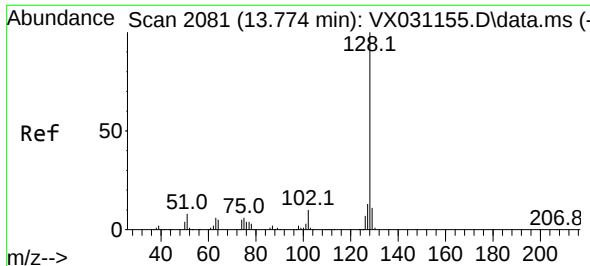
Delta R.T. -0.000 min

Lab File: VX031160.D

Acq: 07 Sep 2022 15:25

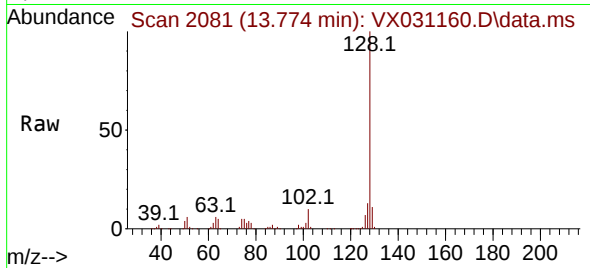
Tgt Ion:225	Resp: 24488
Ion Ratio	Lower Upper
225 100	
223 64.3	30.6 91.6
227 65.0	31.9 95.9





#95
Naphthalene
Concen: 53.095 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

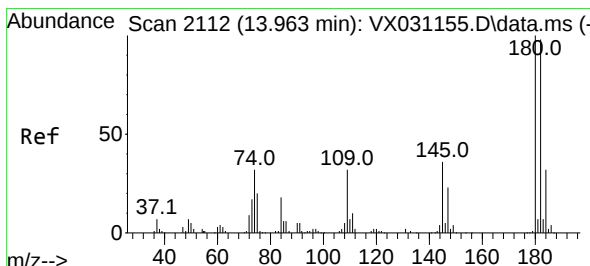
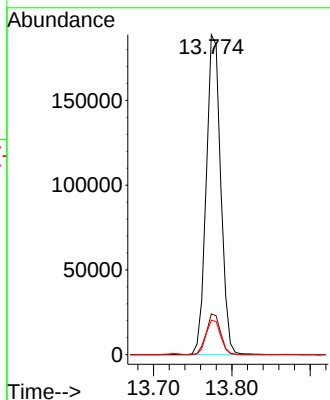
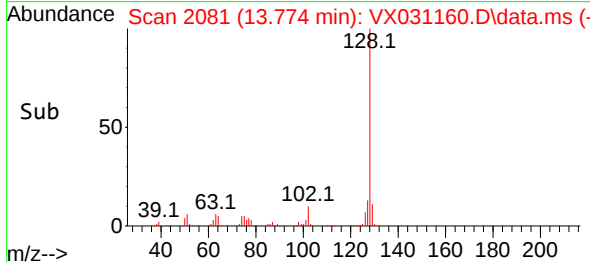
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 24204
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.939 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031160.D
Acq: 07 Sep 2022 15:25

Tgt Ion:180 Resp: 63907
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 36.1 17.0 50.9

