

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033179.D
 Acq On : 02 Dec 2022 12:43
 Operator : JC/MD
 Sample : VX1202WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 04:31:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63140	49.991	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.980%		
35) Dibromofluoromethane	5.385	113	53064	46.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	8.647	98	154855	44.709	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.420%#		
62) 4-Bromofluorobenzene	11.079	95	69301	46.063	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15746	15.946	ug/l	98
3) Chloromethane	1.294	50	17267	16.197	ug/l	93
4) Vinyl Chloride	1.374	62	20818	17.538	ug/l	97
5) Bromomethane	1.617	94	14715	16.718	ug/l	100
6) Chloroethane	1.691	64	17275	17.877	ug/l	99
7) Trichlorofluoromethane	1.892	101	43361	18.822	ug/l	98
8) Diethyl Ether	2.136	74	14754	20.342	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	23411	19.334	ug/l	99
10) Methyl Iodide	2.453	142	19928	14.376	ug/l	98
11) Tert butyl alcohol	2.995	59	22954m	115.037	ug/l	
12) 1,1-Dichloroethene	2.325	96	21091	18.698	ug/l	98
13) Acrolein	2.239	56	21578	94.147	ug/l	99
14) Allyl chloride	2.666	41	34671	19.039	ug/l	98
15) Acrylonitrile	3.068	53	56917	100.849	ug/l	97
16) Acetone	2.392	43	56386	95.918	ug/l	99
17) Carbon Disulfide	2.514	76	49293	15.818	ug/l	100
18) Methyl Acetate	2.703	43	33187	20.394	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	79152	20.234	ug/l	100
20) Methylene Chloride	2.788	84	24785	19.470	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	23363	18.107	ug/l	96
22) Diisopropyl ether	3.757	45	78360	19.762	ug/l	89
23) Vinyl Acetate	3.721	43	305344	98.375	ug/l	100
24) 1,1-Dichloroethane	3.611	63	44633	19.670	ug/l	98
25) 2-Butanone	4.562	43	80224	98.968	ug/l	100
26) 2,2-Dichloropropane	4.471	77	35223	19.306	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	28792	19.640	ug/l	98
28) Bromochloromethane	4.897	49	19613	19.671	ug/l	97
29) Tetrahydrofuran	5.013	42	50755	98.676	ug/l	99
30) Chloroform	5.092	83	50052	19.695	ug/l	96
31) Cyclohexane	5.470	56	37049	18.165	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	44460	19.535	ug/l	100
36) 1,1-Dichloropropene	5.690	75	34046	18.591	ug/l	98
37) Ethyl Acetate	4.714	43	31078	19.452	ug/l	99
38) Carbon Tetrachloride	5.678	117	39088	19.241	ug/l	96
39) Methylcyclohexane	7.379	83	38767	18.553	ug/l	95
40) Benzene	6.037	78	98202	19.126	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18417	20.486	ug/l	97
42) 1,2-Dichloroethane	6.086	62	42075	20.352	ug/l	100
43) Isopropyl Acetate	6.342	43	53319	20.179	ug/l	100
44) Trichloroethene	7.129	130	27994	19.430	ug/l	100
45) 1,2-Dichloropropane	7.427	63	25346	19.975	ug/l	100
46) Dibromomethane	7.580	93	19813	20.011	ug/l	99
47) Bromodichloromethane	7.824	83	38650	20.202	ug/l	97
48) Methyl methacrylate	7.689	41	27274	20.053	ug/l	99
49) 1,4-Dioxane	7.702	88	11719	468.083	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	166248	101.964	ug/l	99
52) Toluene	8.720	92	64790	19.180	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	37471	19.192	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	41338	20.043	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	27347	19.884	ug/l	97
56) Ethyl methacrylate	9.116	69	38731	20.440	ug/l	98
57) 1,3-Dichloropropane	9.311	76	45242	20.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	90774	100.880	ug/l	99
59) 2-Hexanone	9.433	43	123658	102.668	ug/l	99
60) Dibromochloromethane	9.518	129	29267	19.766	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28424	19.581	ug/l	98
64) Tetrachloroethene	9.275	164	24061	18.491	ug/l	97
65) Chlorobenzene	10.079	112	71885	19.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27233	20.279	ug/l	99
67) Ethyl Benzene	10.195	91	128163	19.713	ug/l	99
68) m/p-Xylenes	10.305	106	99080	38.917	ug/l	100
69) o-Xylene	10.640	106	48615	19.735	ug/l	98
70) Styrene	10.652	104	80146	19.887	ug/l	99
71) Bromoform	10.799	173	19976	19.401	ug/l #	97
73) Isopropylbenzene	10.963	105	129083	19.402	ug/l	99
74) N-amyl acetate	10.841	43	44981	19.875	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	40332	20.086	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36284m	20.578	ug/l	
77) Bromobenzene	11.195	156	32150	19.649	ug/l	98
78) n-propylbenzene	11.305	91	147979	19.454	ug/l	100
79) 2-Chlorotoluene	11.366	91	88951	19.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	109440	19.581	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10110	18.638	ug/l	93
82) 4-Chlorotoluene	11.457	91	104430	19.289	ug/l	99
83) tert-Butylbenzene	11.713	119	109122	19.614	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	110094	19.755	ug/l	99
85) sec-Butylbenzene	11.890	105	131484	19.755	ug/l	100
86) p-Isopropyltoluene	12.012	119	112299	19.914	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59283	19.317	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	60045	19.104	ug/l	99
89) n-Butylbenzene	12.335	91	94886	19.532	ug/l	99
90) Hexachloroethane	12.536	117	17605	19.002	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	58370	19.552	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8316	20.757	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	35773	19.439	ug/l	97
94) Hexachlorobutadiene	13.725	225	15426	19.000	ug/l	100
95) Naphthalene	13.774	128	118450	19.896	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35611	19.297	ug/l	99

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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

Manual Integrations

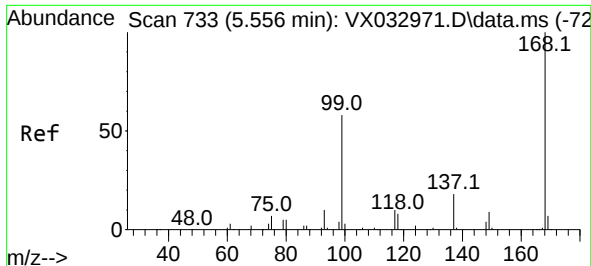
Reviewed By :John Carlone 12/05/2022
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Abundance

TIC: VX033179.D\data.ms

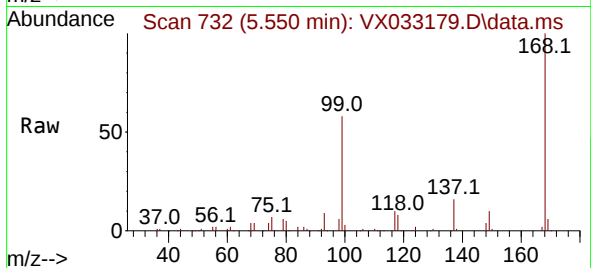
Time-->

Chlorodifluoromethane, T
Vinyl Chloride, C
Chloromethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acetone, T
Methyl Chloride, T
Methyl Acetylene Chloride, T
Tert butyl alcohol, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Vinyl Acetate, T
2-Butanol, T
Ethyl Acetate, T
Methyl Chloride, T
Chloroform, T
Cyclohexane, T
1,2-Dichloroethane, S
1,2-Dichloroethane, d4, S
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
Diethyl ether, T
1,4-Dichlorobenzene, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
Toluene, CM
1,2-Dichloropropane, T
Ethyl methyl ketone, T
1,3-Dichloropropane, T
1,2-Dichloropropane, T
1,2-Dichloropropane, T
1,1,1,2-Tetrachloroethane, I
Chlorobenzene, CM
Ethyl Benzene, C
Bromodorm, P
N-amyl acetate, T
trans-1,4-Dichloro-2-butene, T
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
1,2,4-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, I
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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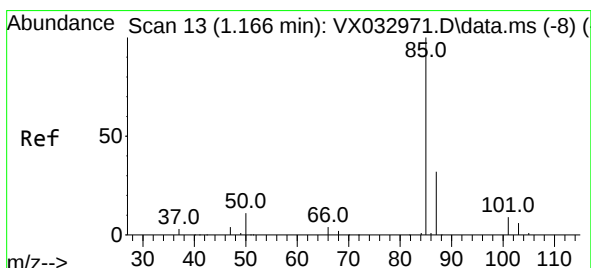
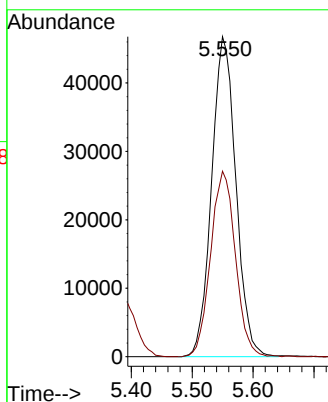
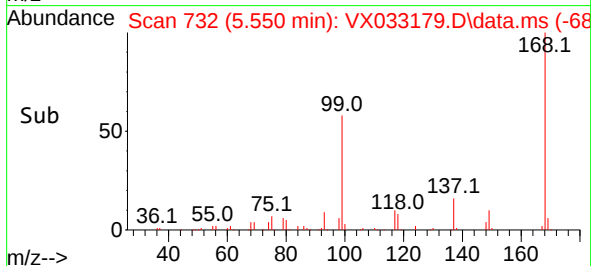
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MSVOA_X
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VX1202WBSD01



Tgt Ion:168 Resp: 129254
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1

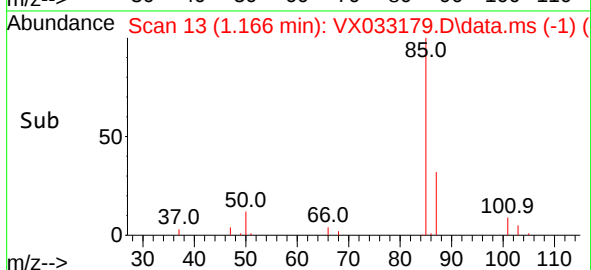
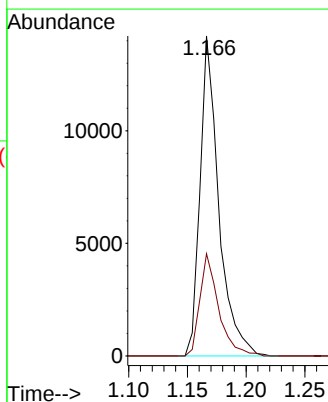
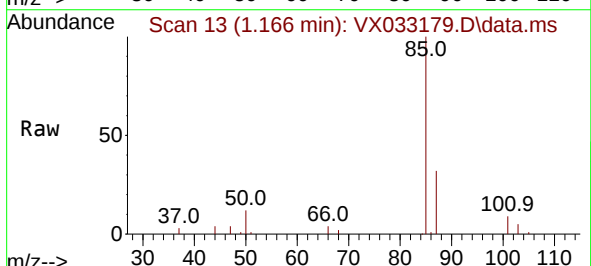
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
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#2
Dichlorodifluoromethane
Concen: 15.946 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion: 85 Resp: 15746
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.7





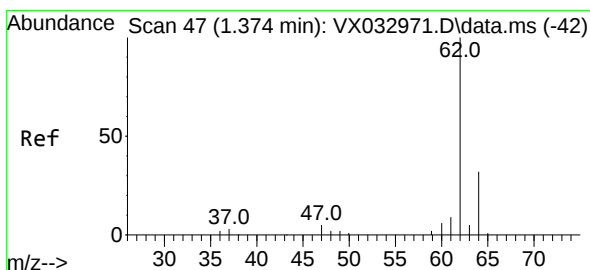
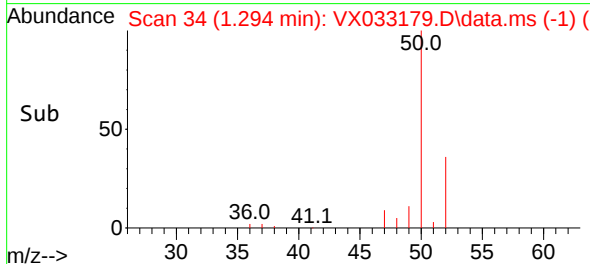
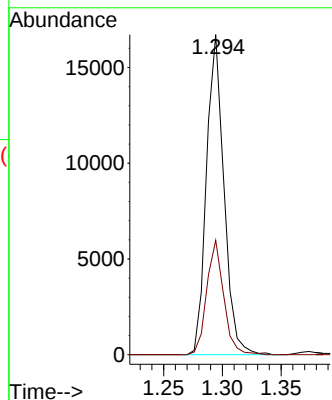
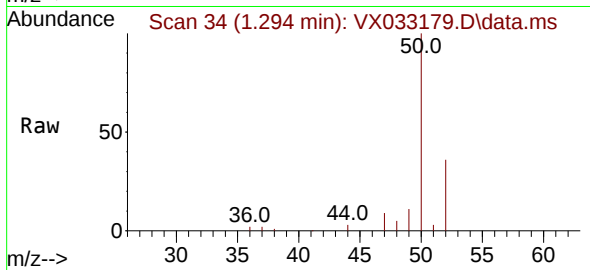
#3
Chloromethane
Concen: 16.197 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion: 50 Resp: 1726
Ion Ratio Lower Upper
50 100
52 35.8 25.4 38.2

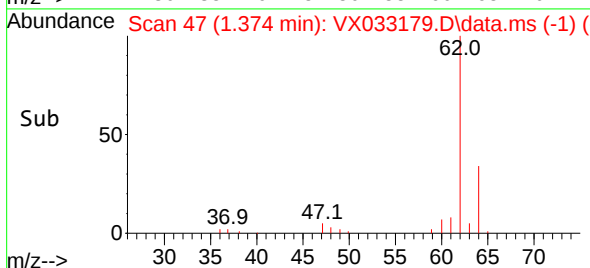
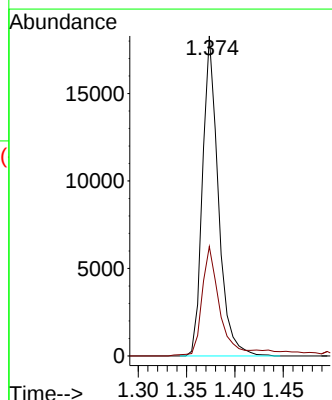
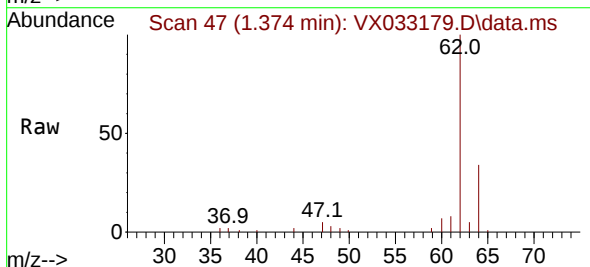
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#4
Vinyl Chloride
Concen: 17.538 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion: 62 Resp: 20818
Ion Ratio Lower Upper
62 100
64 33.8 25.8 38.6





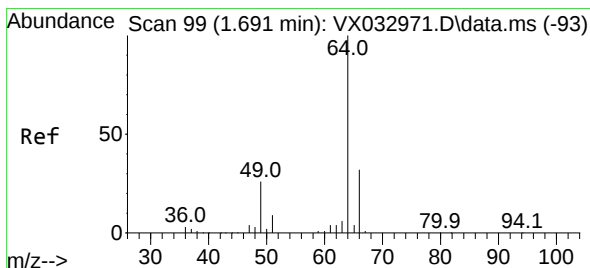
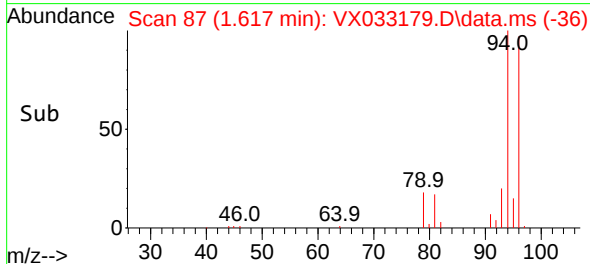
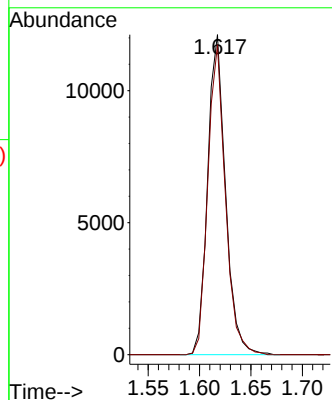
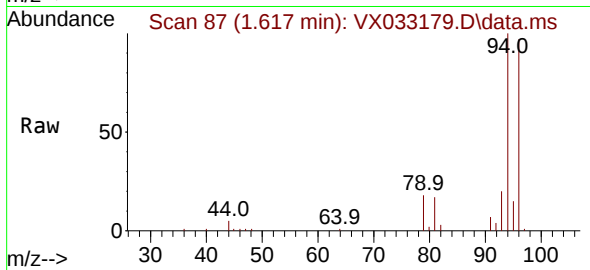
#5
Bromomethane
Concen: 16.718 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion: 94 Resp: 14715
Ion Ratio Lower Upper
94 100
96 96.9 77.6 116.4

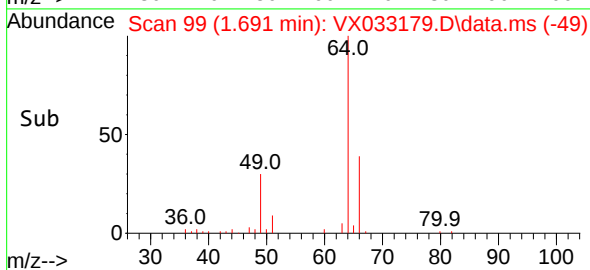
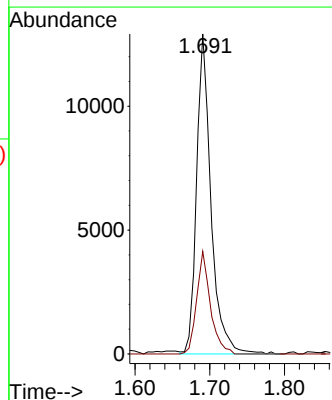
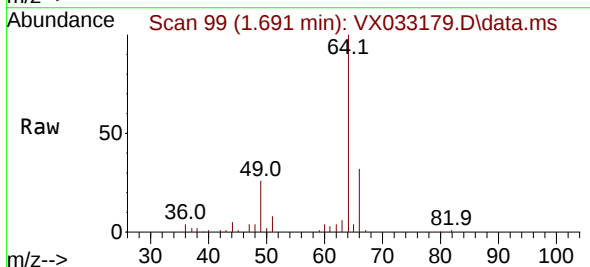
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#6
Chloroethane
Concen: 17.877 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033179.D
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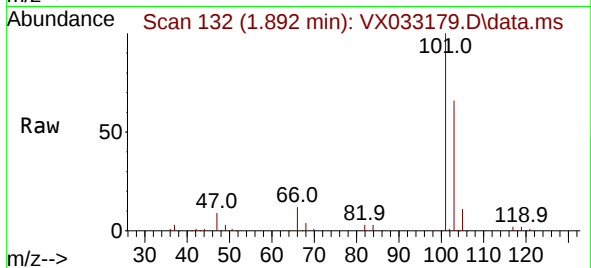
Tgt Ion: 64 Resp: 17275
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 18.822 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

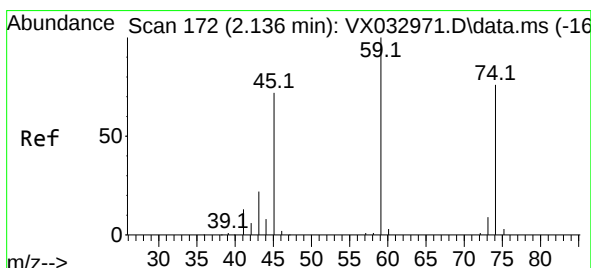
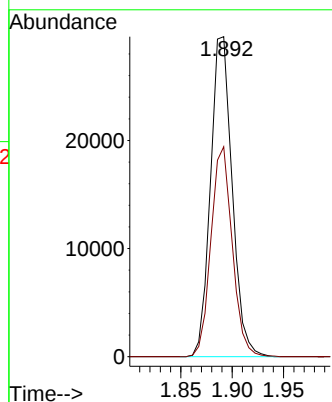
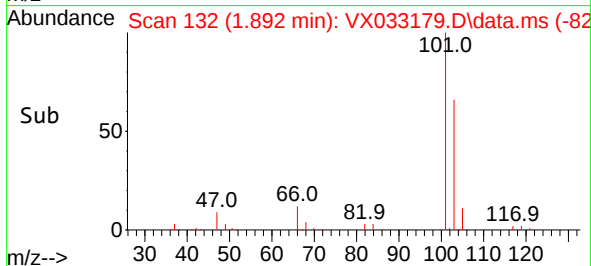
Instrument :
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Tgt Ion:101 Resp: 4336
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

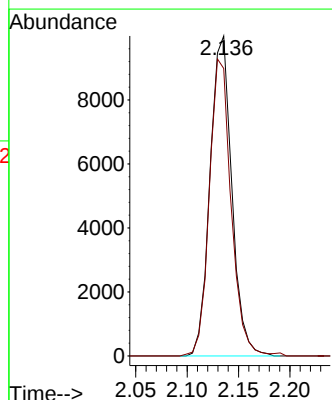
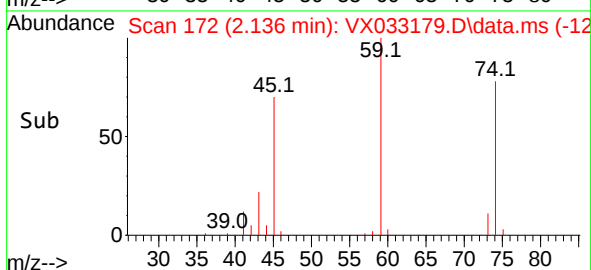
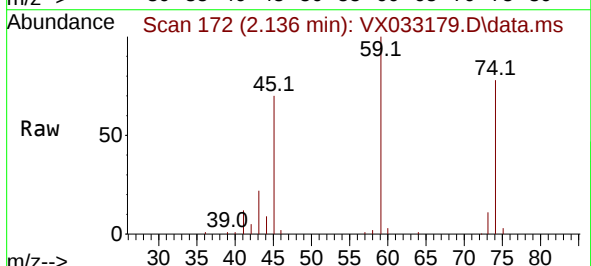
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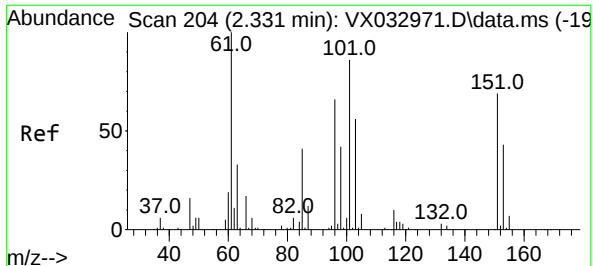
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#8
Diethyl Ether
Concen: 20.342 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033179.D
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Tgt Ion: 74 Resp: 14754
Ion Ratio Lower Upper
74 100
45 93.0 46.6 139.7





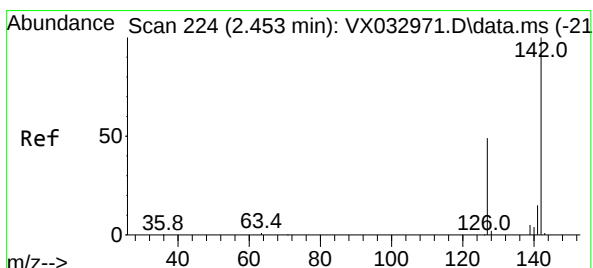
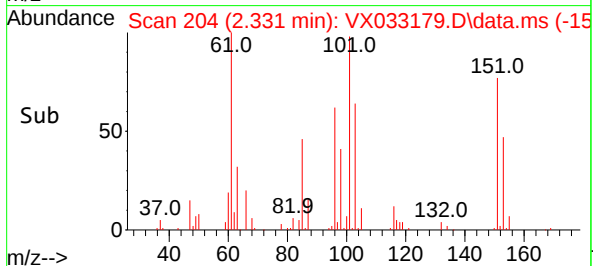
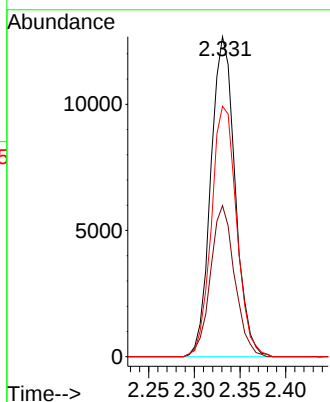
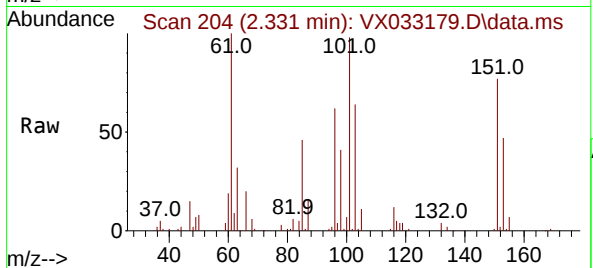
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.334 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion:101 Resp: 2341
Ion Ratio Lower Upper
101 100
85 47.1 37.0 55.4
151 81.3 64.4 96.6

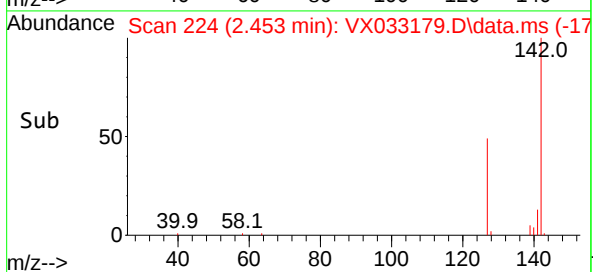
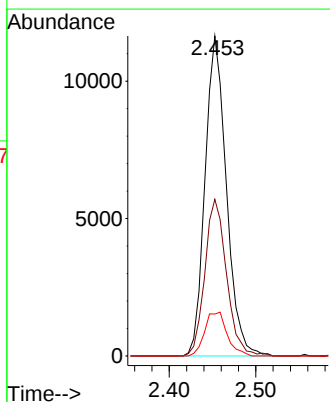
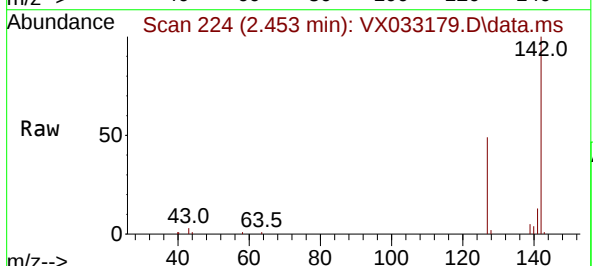
Manual Integrations
APPROVED

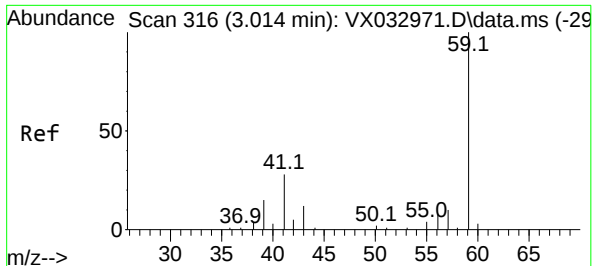
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#10
Methyl Iodide
Concen: 14.376 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion:142 Resp: 19928
Ion Ratio Lower Upper
142 100
127 49.8 38.6 57.8
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 115.037 ug/l m

RT: 2.995 min Scan# 31

Delta R.T. 0.030 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

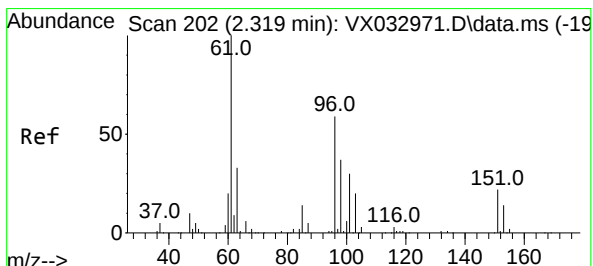
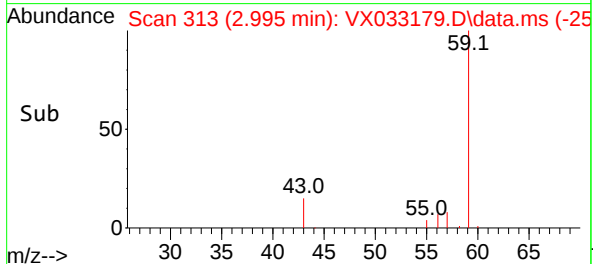
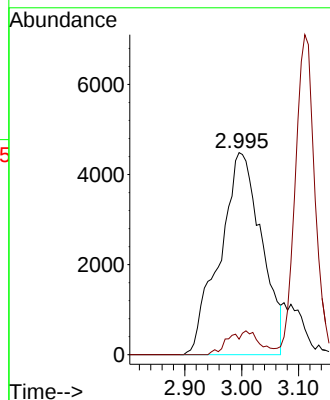
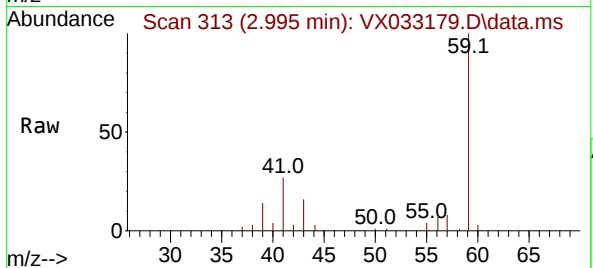
Tgt Ion: 59 Resp: 22954
 Ion Ratio Lower Upper
 59 100
 57 3.7 8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#12

1,1-Dichloroethene

Concen: 18.698 ug/l

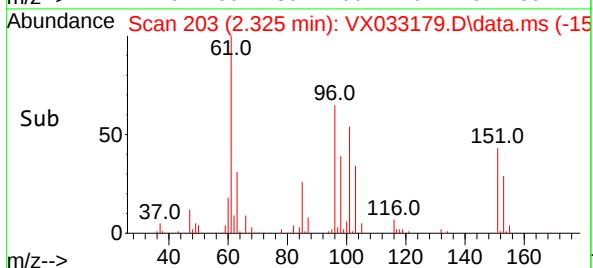
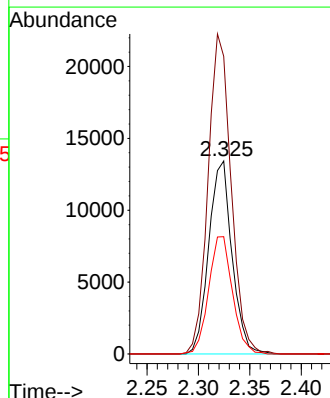
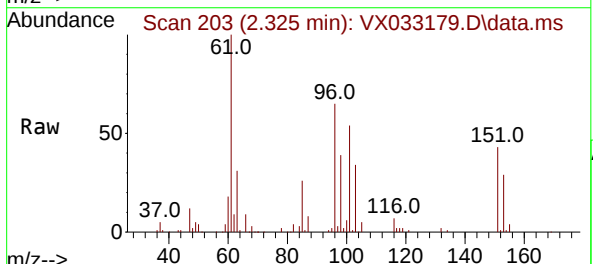
RT: 2.325 min Scan# 203

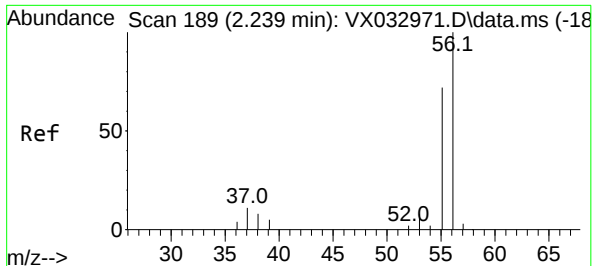
Delta R.T. 0.006 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

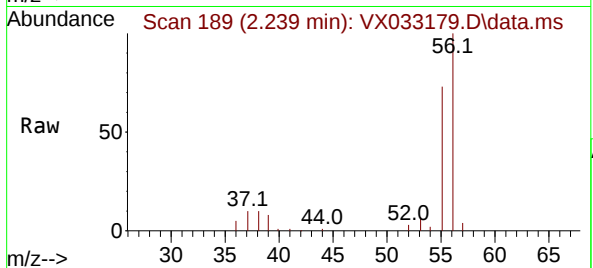
Tgt Ion: 96 Resp: 21091
 Ion Ratio Lower Upper
 96 100
 61 154.2 125.1 187.7
 98 60.8 50.6 76.0





#13
Acrolein
Concen: 94.147 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

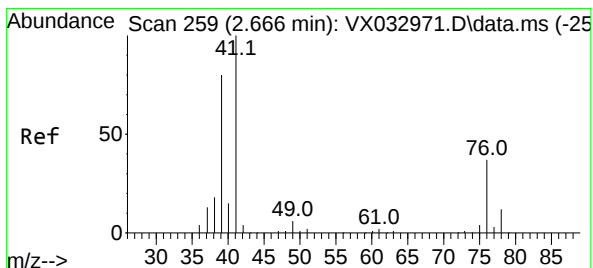
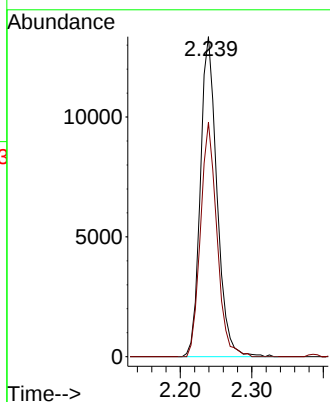
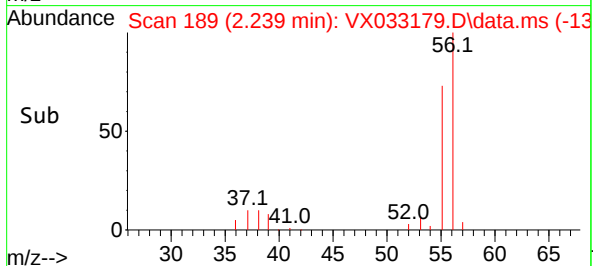
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



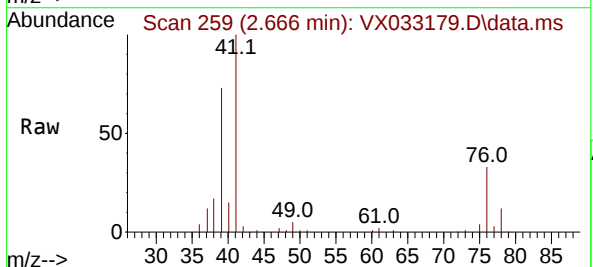
Tgt Ion: 56 Resp: 21578
Ion Ratio Lower Upper
56 100
55 72.2 56.9 85.3

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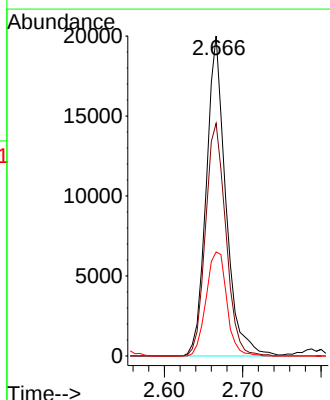
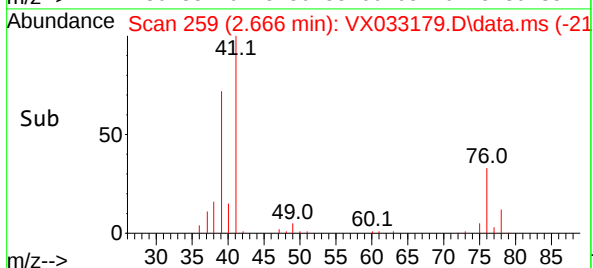
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#14
Allyl chloride
Concen: 19.039 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



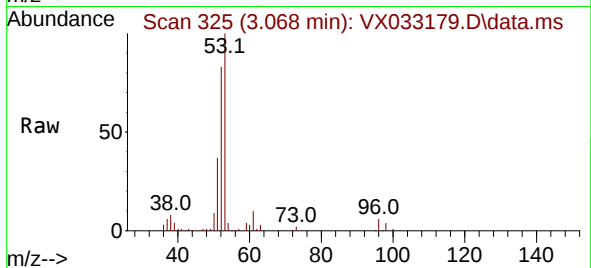
Tgt Ion: 41 Resp: 34671
Ion Ratio Lower Upper
41 100
39 75.3 61.4 92.2
76 34.4 29.2 43.8





#15
Acrylonitrile
Concen: 100.849 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

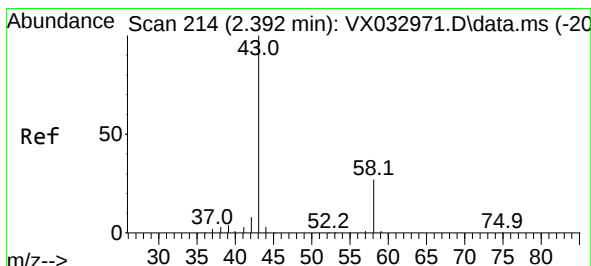
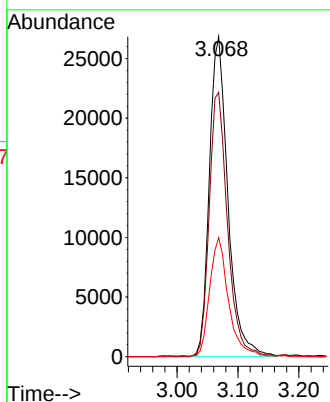
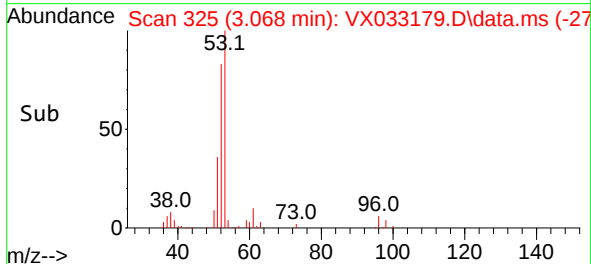
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



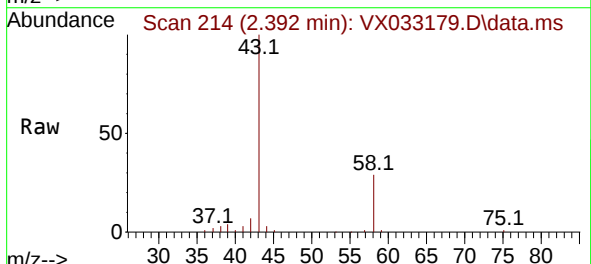
Tgt Ion: 53 Resp: 5691
Ion Ratio Lower Upper
53 100
52 81.6 67.4 101.0
51 36.9 30.3 45.5

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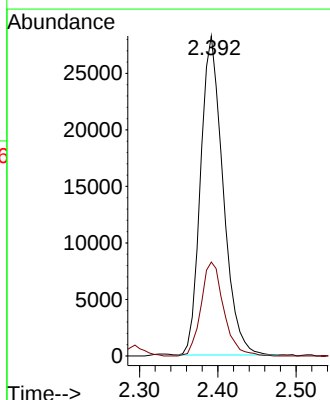
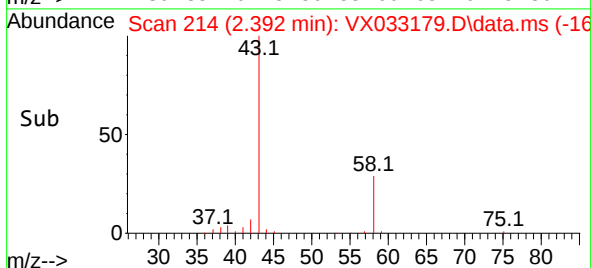
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

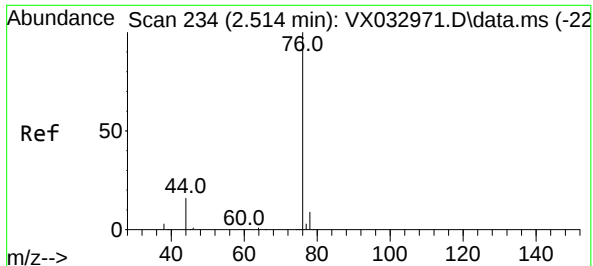


#16
Acetone
Concen: 95.918 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



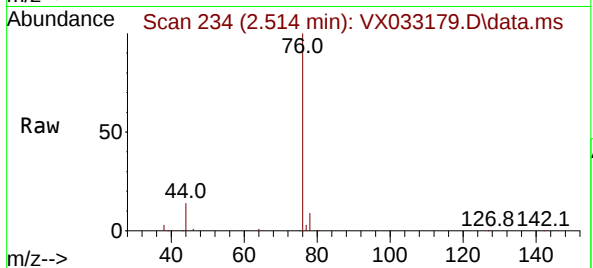
Tgt Ion: 43 Resp: 56386
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.8





#17
Carbon Disulfide
Concen: 15.818 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

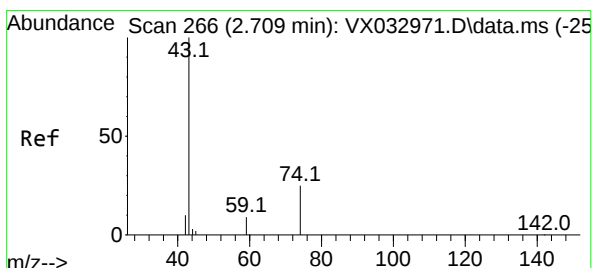
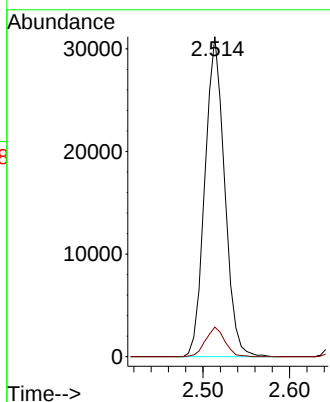
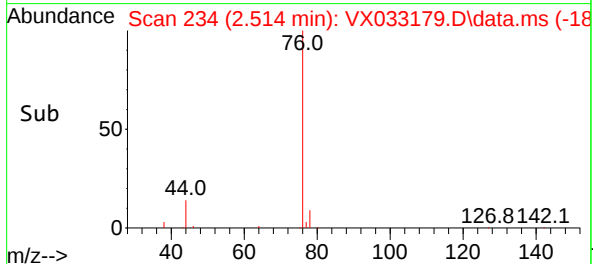
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



Tgt Ion: 76 Resp: 4929
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

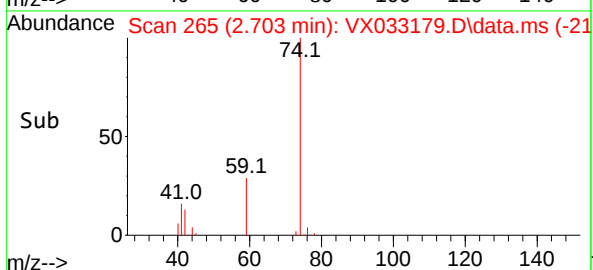
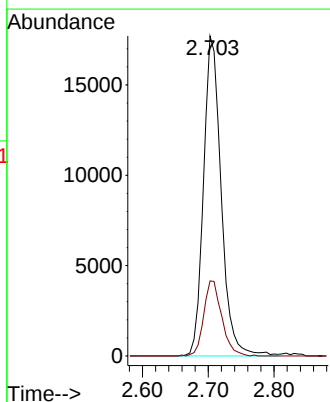
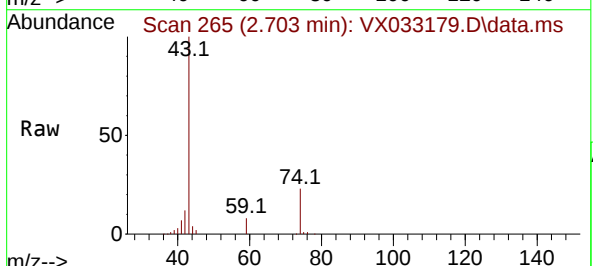
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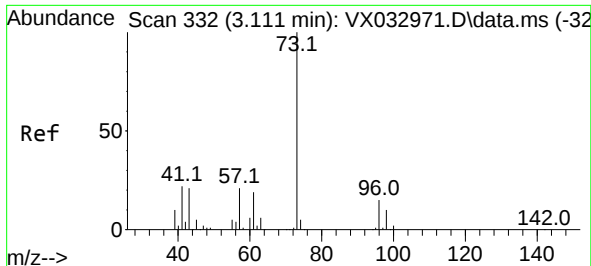
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#18
Methyl Acetate
Concen: 20.394 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion: 43 Resp: 33187
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.0





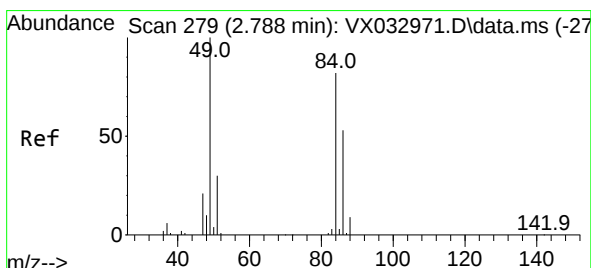
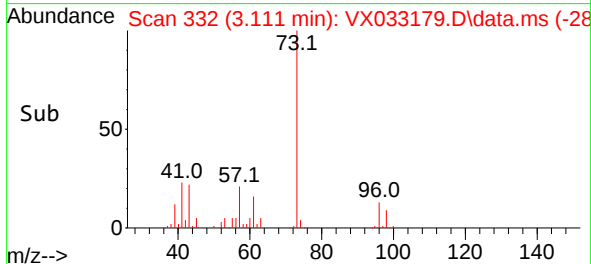
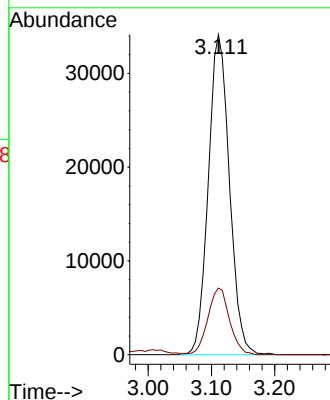
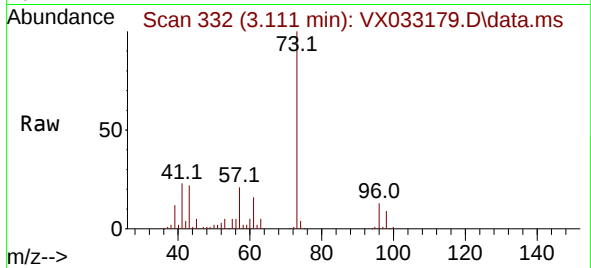
#19
Methyl tert-butyl Ether
Concen: 20.234 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion: 73 Resp: 79152
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0

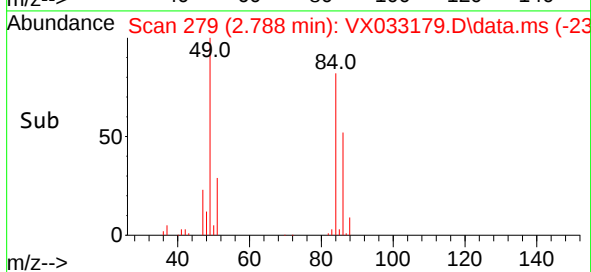
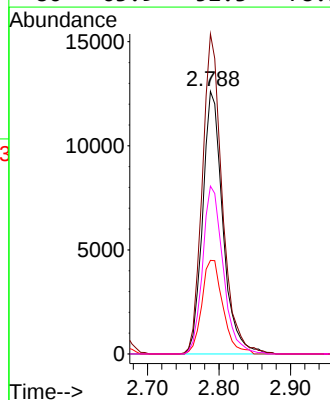
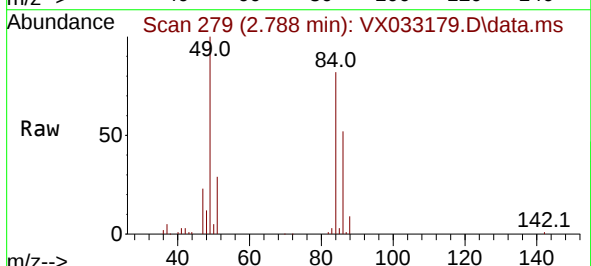
Manual Integrations
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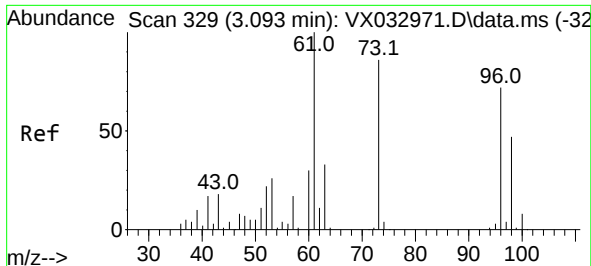
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#20
Methylene Chloride
Concen: 19.470 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

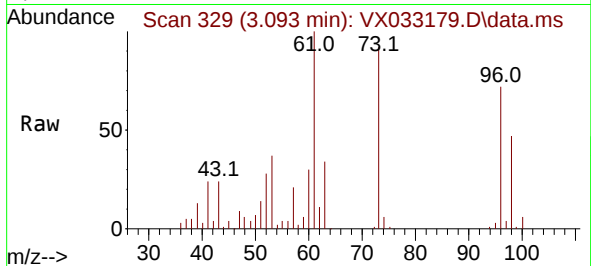
Tgt Ion: 84 Resp: 24785
Ion Ratio Lower Upper
84 100
49 121.9 101.0 151.6
51 35.7 31.1 46.7
86 63.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 18.107 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

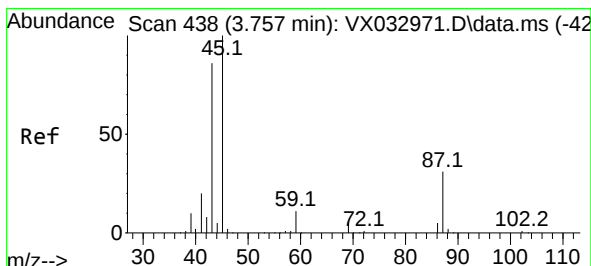
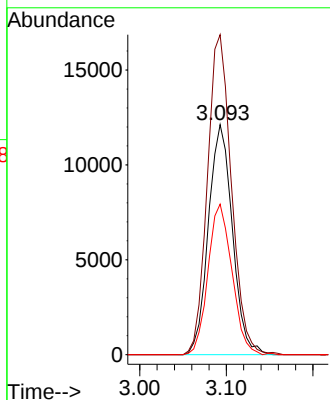
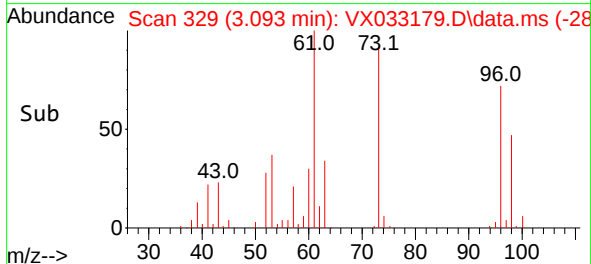
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



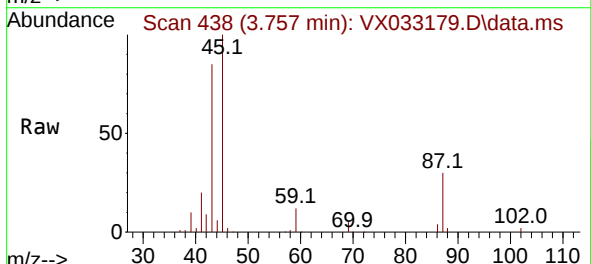
Tgt Ion: 96 Resp: 2336
Ion Ratio Lower Upper
96 100
61 139.0 106.6 160.0
98 65.4 51.0 76.6

Manual Integrations
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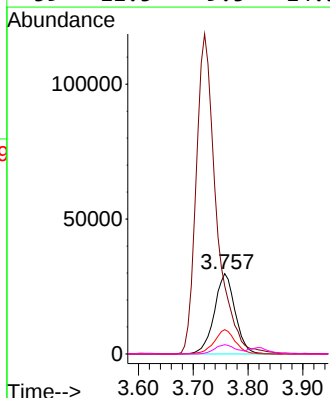
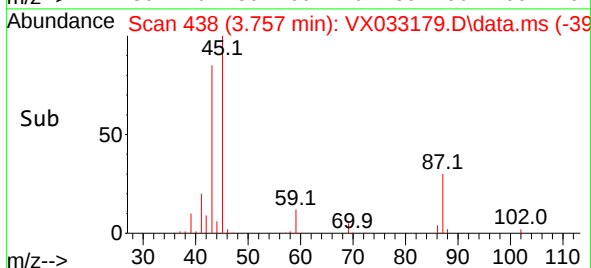
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

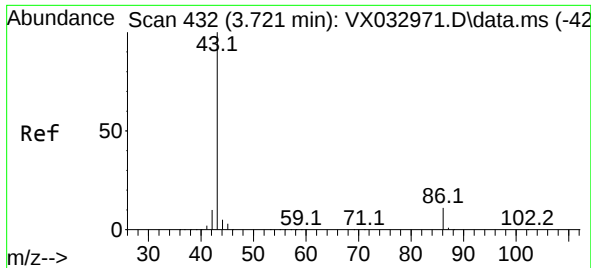


#22
Diisopropyl ether
Concen: 19.762 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



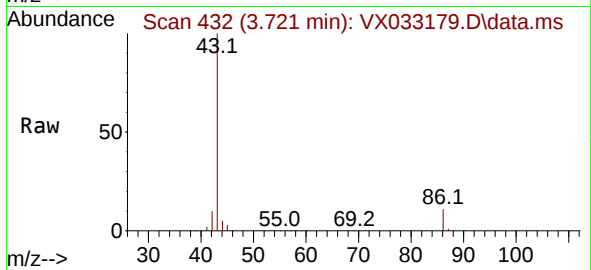
Tgt Ion: 45 Resp: 78360
Ion Ratio Lower Upper
45 100
43 84.2 56.4 84.6
87 30.3 24.4 36.6
59 11.5 9.5 14.3





#23
 Vinyl Acetate
 Concen: 98.375 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033179.D
 Acq: 02 Dec 2022 12:43

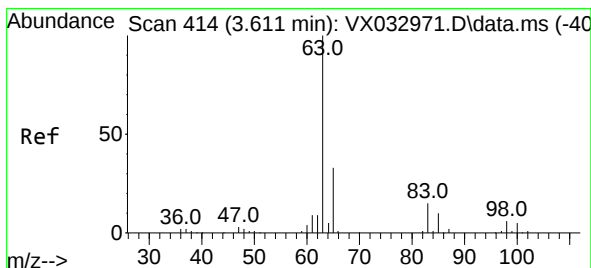
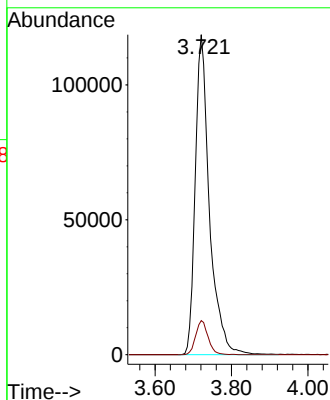
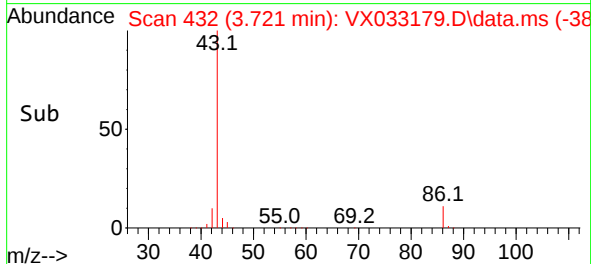
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBSD01



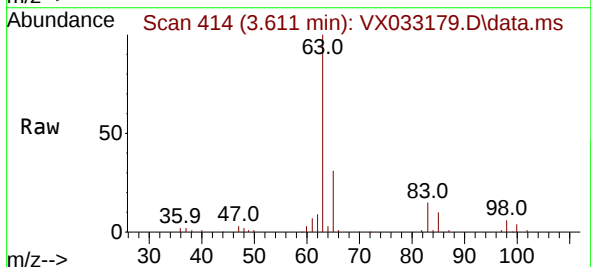
Tgt Ion: 43 Resp: 305344
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8

Manual Integrations
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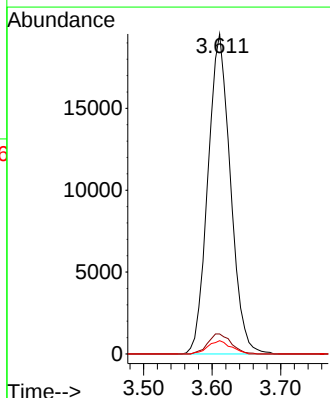
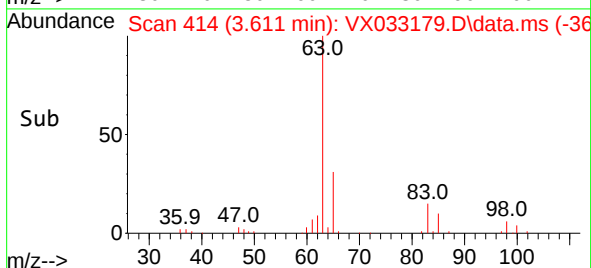
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

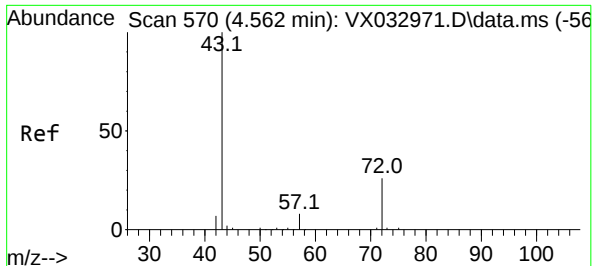


#24
 1,1-Dichloroethane
 Concen: 19.670 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033179.D
 Acq: 02 Dec 2022 12:43



Tgt Ion: 63 Resp: 44633
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 98.968 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

Tgt Ion: 43 Resp: 80224

Ion Ratio Lower Upper

43 100

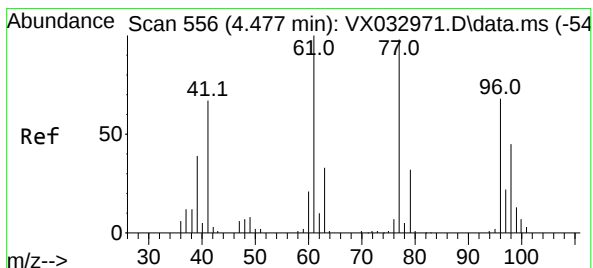
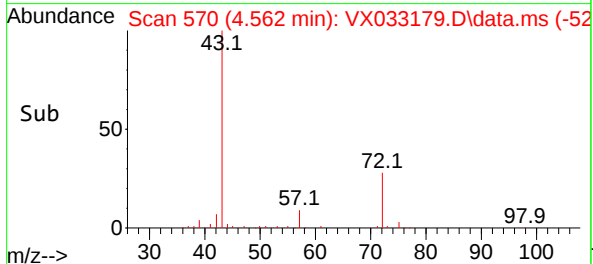
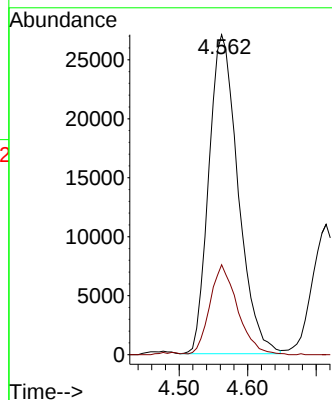
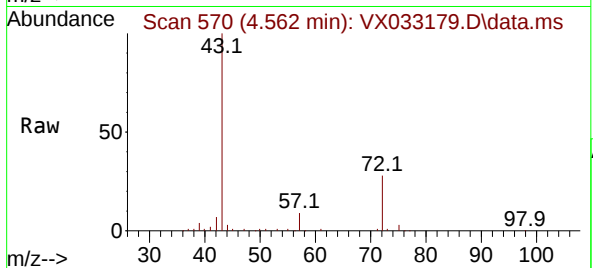
72 27.9 22.2 33.2

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#26

2,2-Dichloropropane

Concen: 19.306 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX033179.D

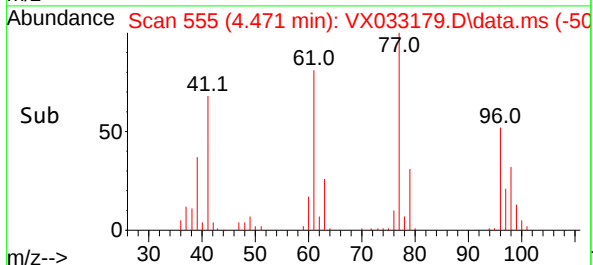
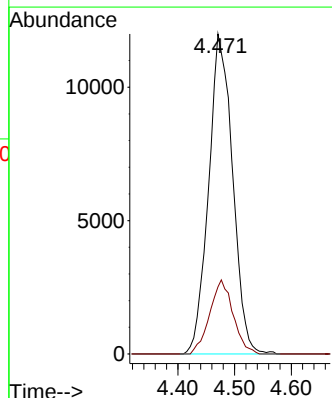
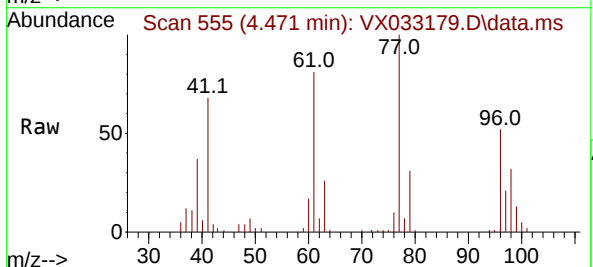
Acq: 02 Dec 2022 12:43

Tgt Ion: 77 Resp: 35223

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.640 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

Tgt Ion: 96 Resp: 2879

Ion Ratio Lower Upper

96 100

61 141.4 0.0 286.0

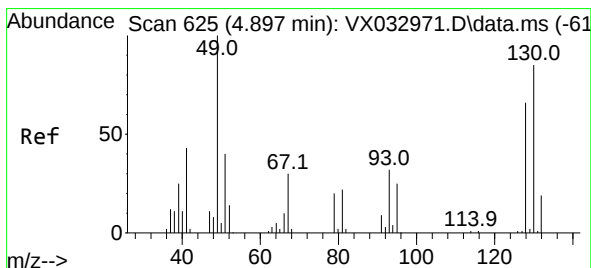
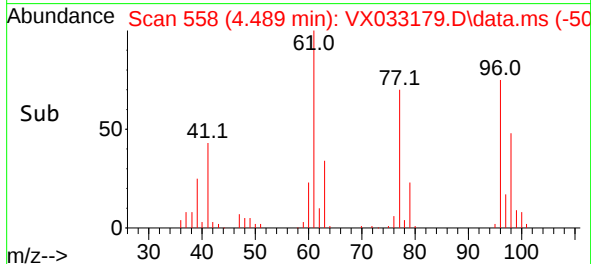
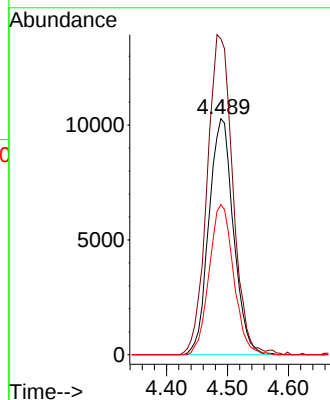
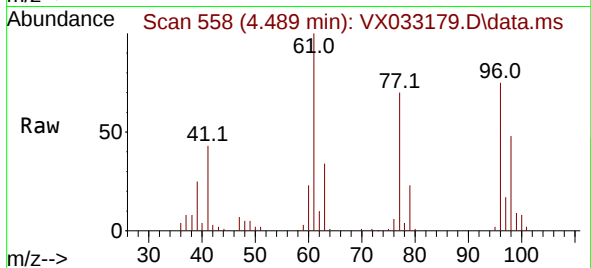
98 63.2 0.0 129.6

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

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#28

Bromochloromethane

Concen: 19.671 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

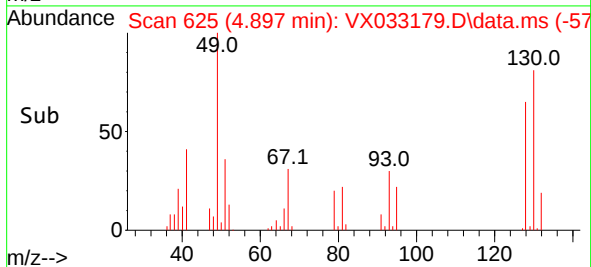
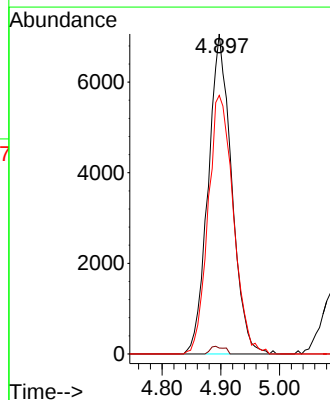
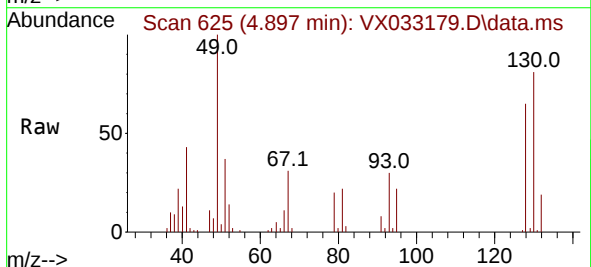
Tgt Ion: 49 Resp: 19613

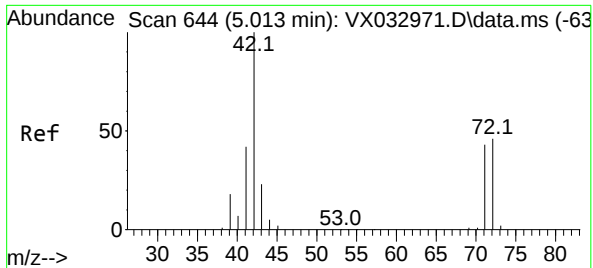
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 86.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 98.676 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

Tgt Ion: 42 Resp: 5075

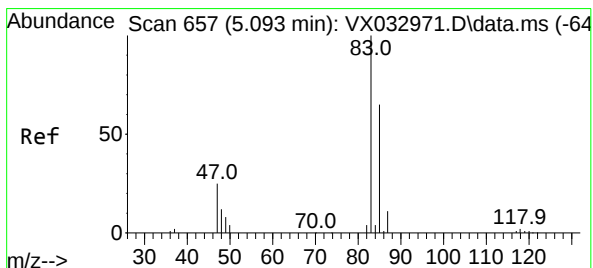
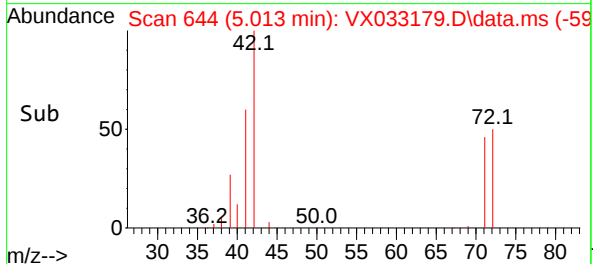
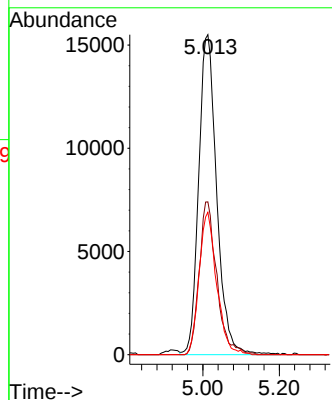
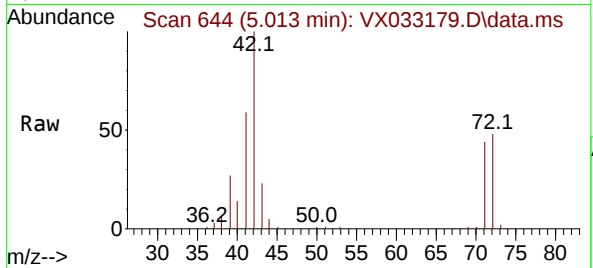
Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.6	56.4
71	43.3	34.7	52.1

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Supervised By :Mahesh Dadoda 12/05/2022



#30

Chloroform

Concen: 19.695 ug/l

RT: 5.092 min Scan# 657

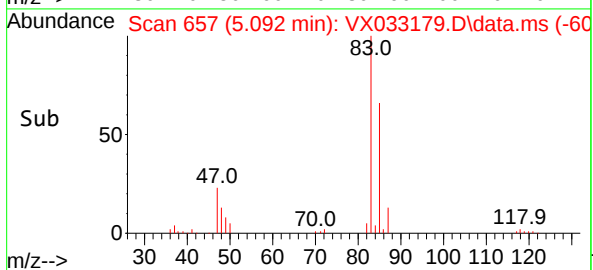
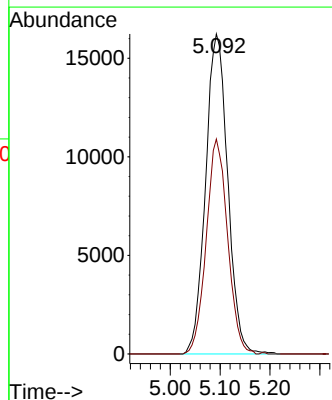
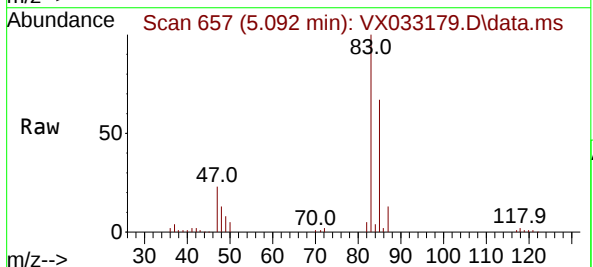
Delta R.T. -0.007 min

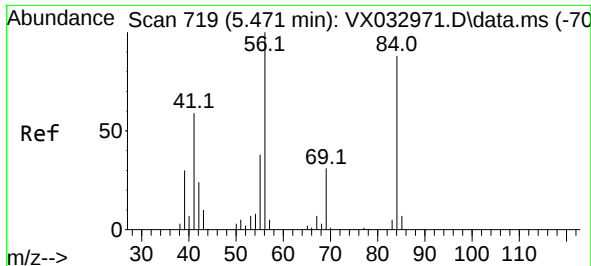
Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Tgt Ion: 83 Resp: 50052

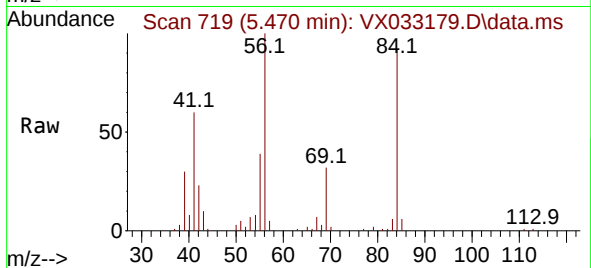
Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.1	76.7





#31
Cyclohexane
Concen: 18.165 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

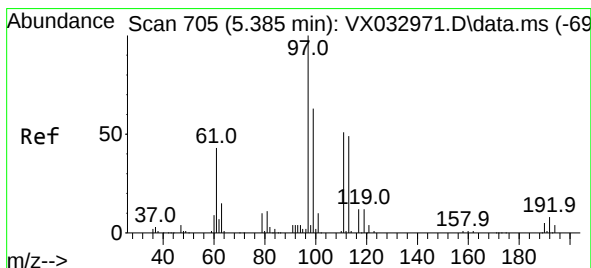
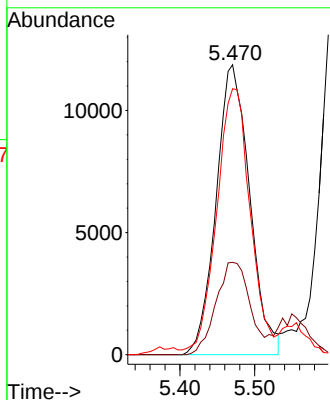
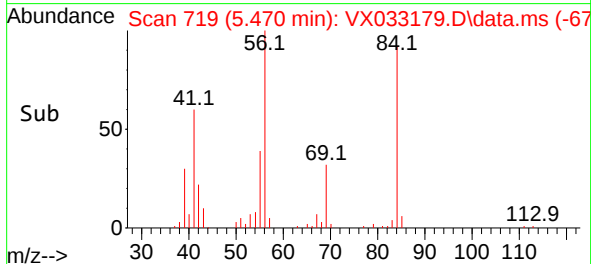
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



Tgt Ion: 56 Resp: 37049
Ion Ratio Lower Upper
56 100
69 31.9 24.1 36.1
84 90.0 66.9 100.3

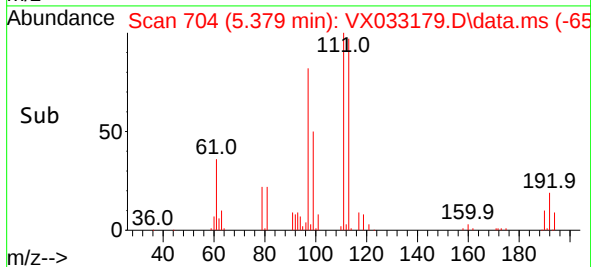
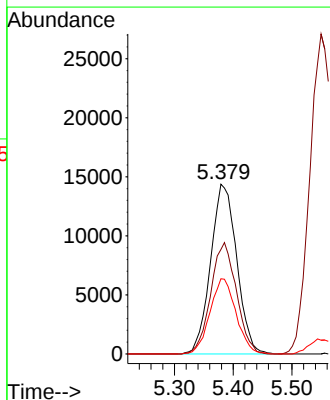
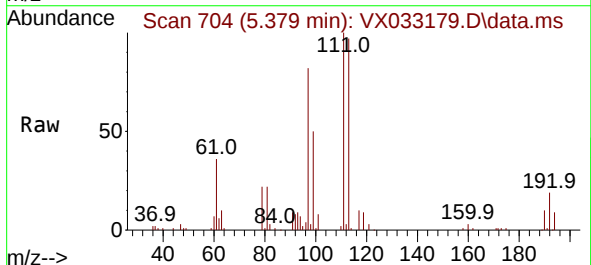
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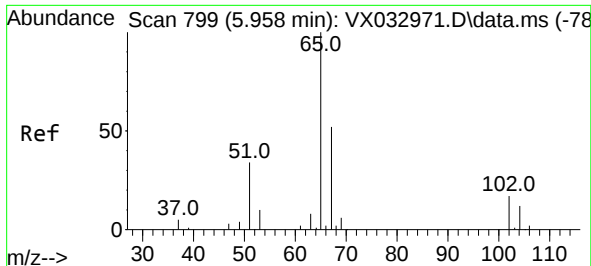
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#32
1,1,1-Trichloroethane
Concen: 19.535 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion: 97 Resp: 44460
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 44.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.991 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

Tgt Ion: 65 Resp: 63140

Ion Ratio Lower Upper

65 100

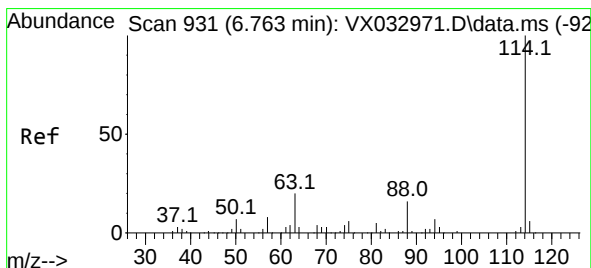
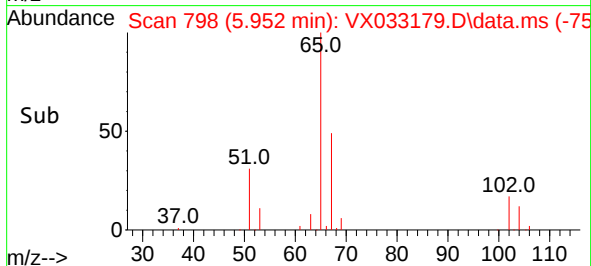
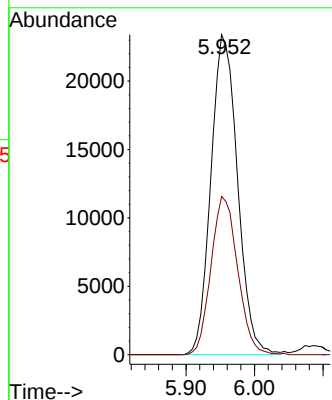
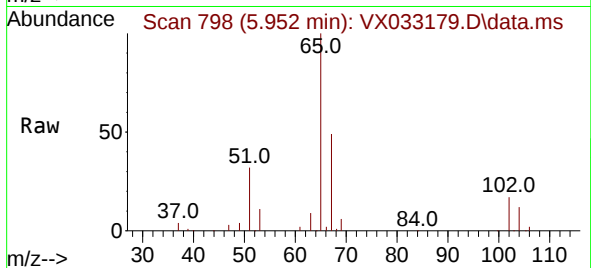
67 49.5 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

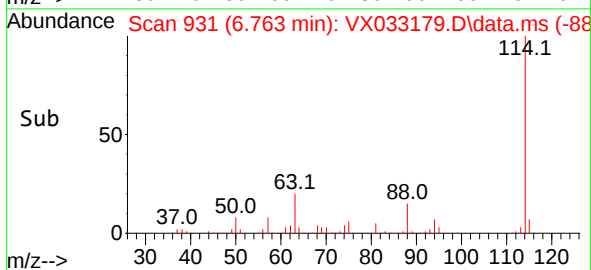
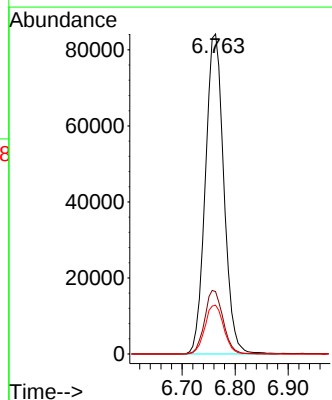
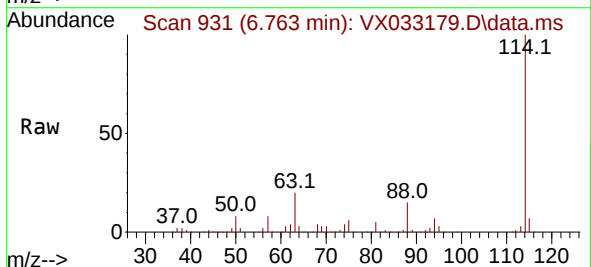
Tgt Ion:114 Resp: 203153

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.332 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

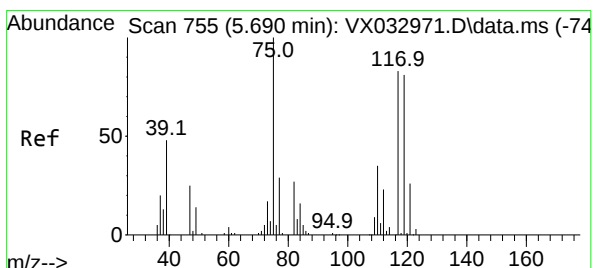
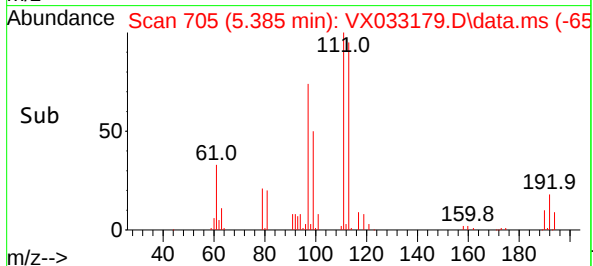
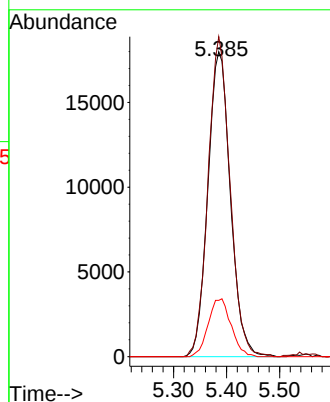
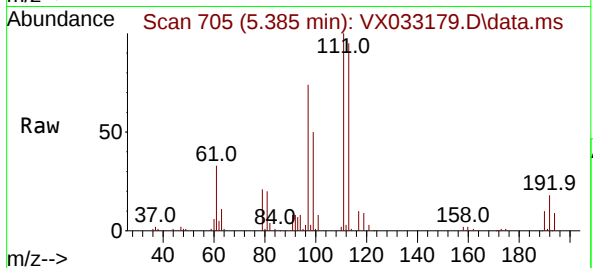
Tgt Ion:	113	Resp:	53064
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	19.3	15.4	23.2

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#36

1,1-Dichloropropene

Concen: 18.591 ug/l

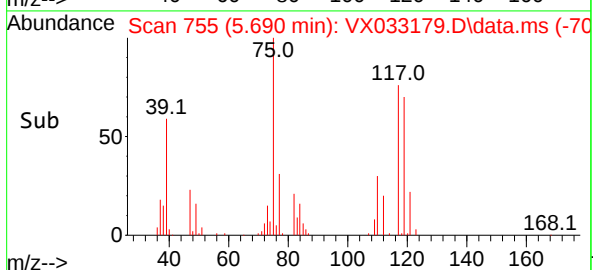
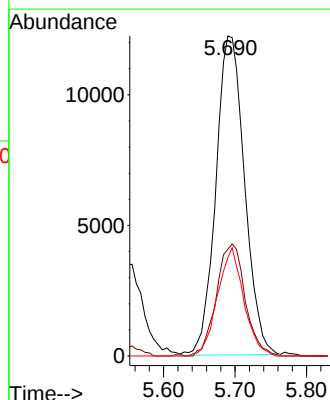
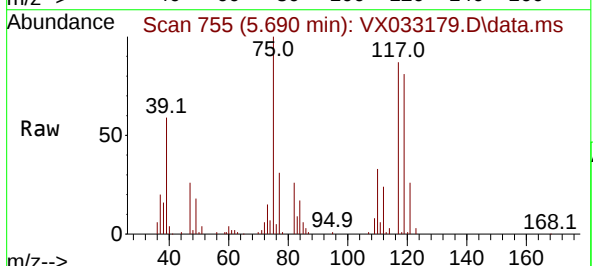
RT: 5.690 min Scan# 755

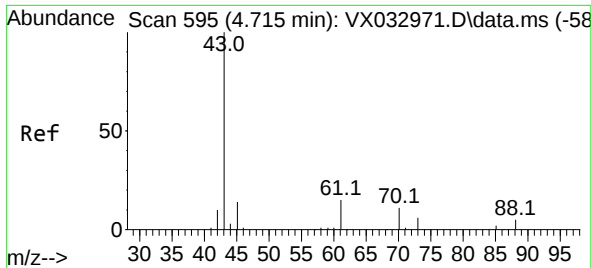
Delta R.T. -0.006 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

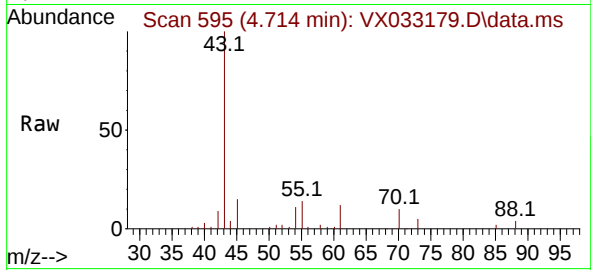
Tgt Ion:	75	Resp:	34046
Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.4	55.2
77	31.0	24.5	36.7





#37
Ethyl Acetate
Concen: 19.452 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

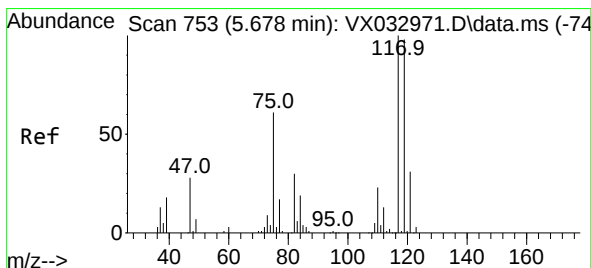
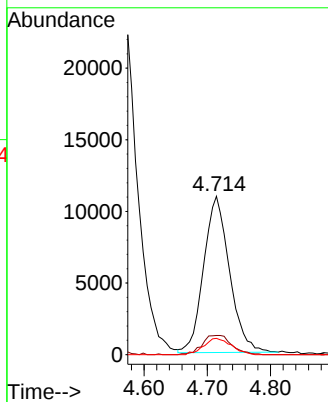
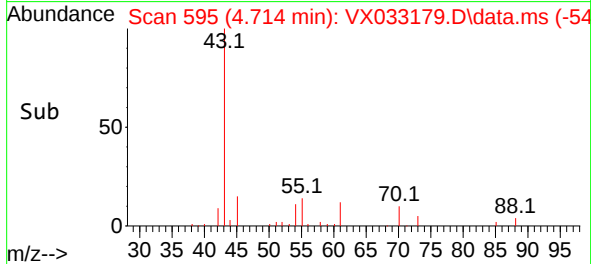
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



Tgt Ion: 43 Resp: 31078
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 11.1 9.1 13.7

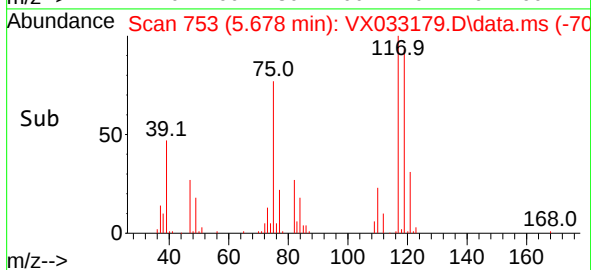
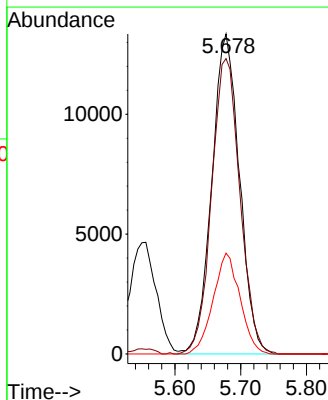
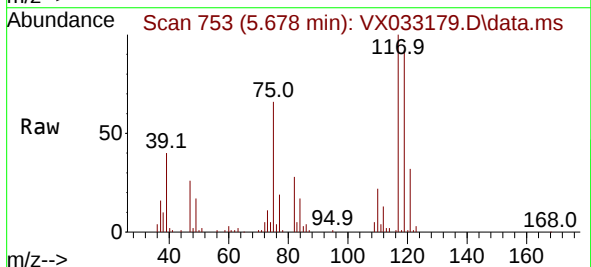
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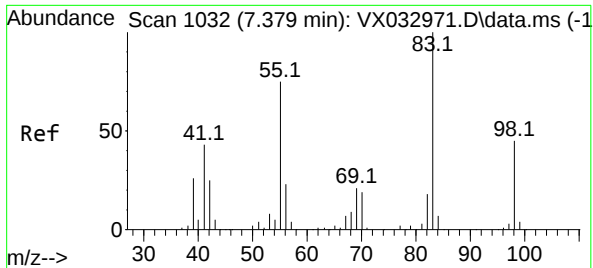
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#38
Carbon Tetrachloride
Concen: 19.241 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion:117 Resp: 39088
Ion Ratio Lower Upper
117 100
119 92.3 77.2 115.8
121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 18.553 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

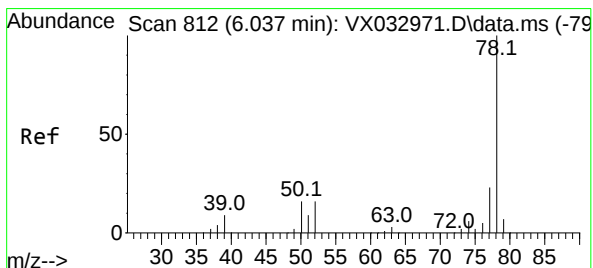
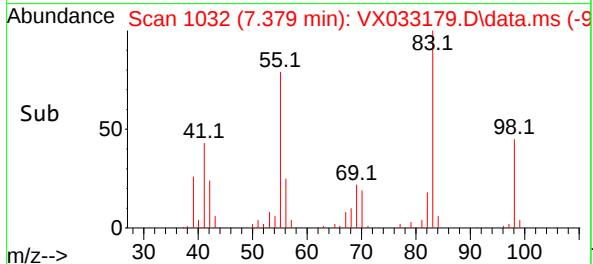
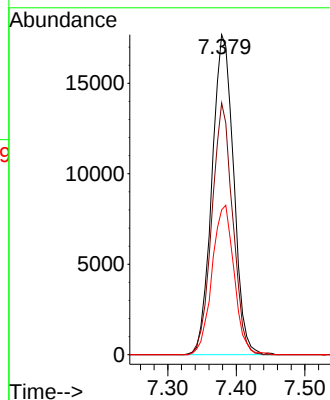
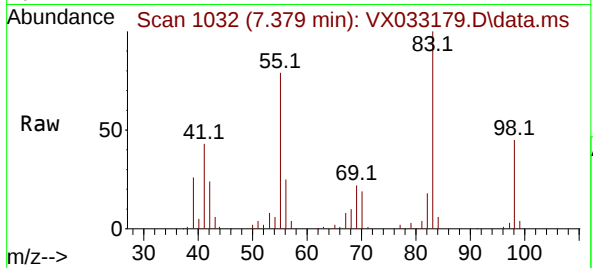
Tgt Ion: 83	Resp: 3876
Ion Ratio	Lower Upper
83 100	
55 78.7	58.4 87.6
98 45.3	37.2 55.8

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#40

Benzene

Concen: 19.126 ug/l

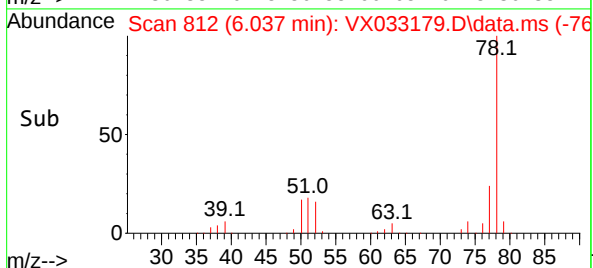
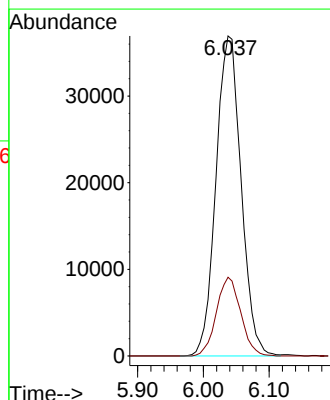
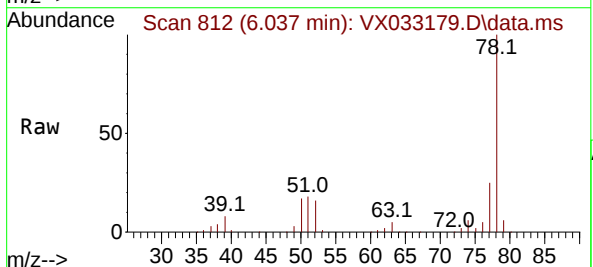
RT: 6.037 min Scan# 812

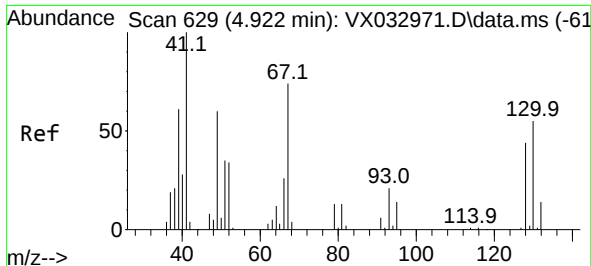
Delta R.T. 0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Tgt Ion: 78	Resp: 98202
Ion Ratio	Lower Upper
78 100	
77 24.6	19.0 28.4





#41
Methacrylonitrile
Concen: 20.486 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

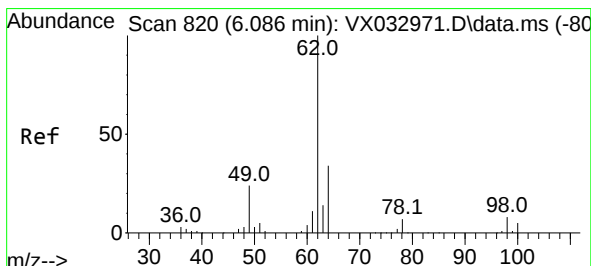
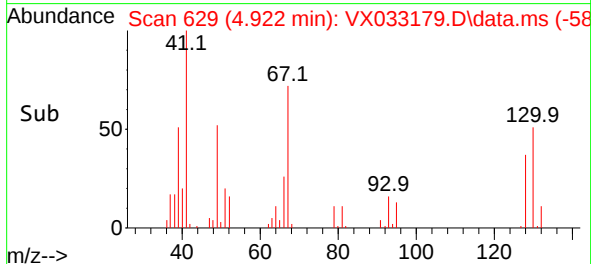
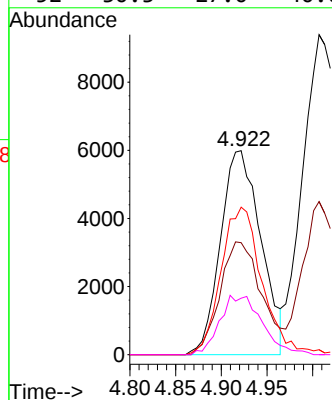
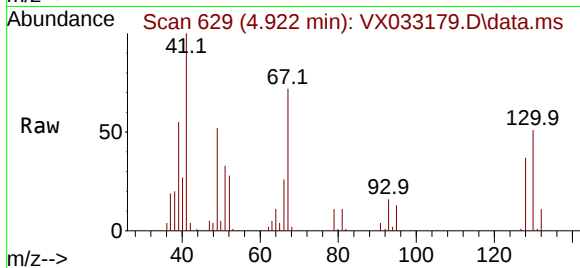
VX1202WBSD01

Tgt Ion: 41 Resp: 1841
Ion Ratio Lower Upper
41 100
39 57.8 47.5 71.3
67 73.6 60.5 90.7
52 30.3 27.0 40.6

Manual Integrations

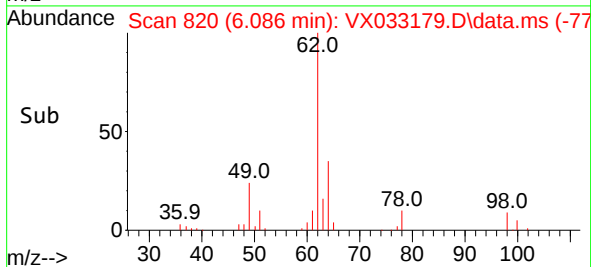
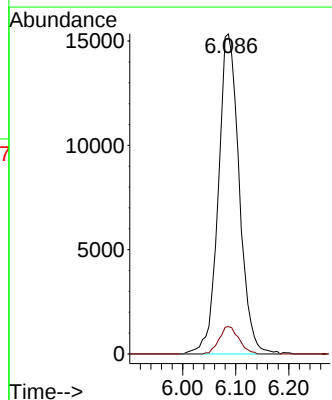
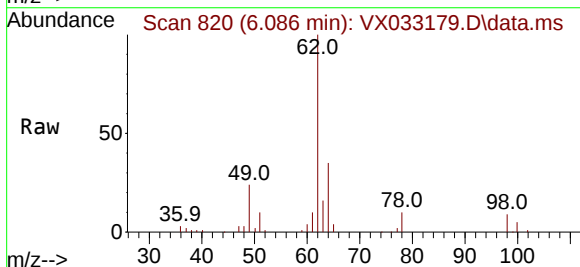
APPROVED

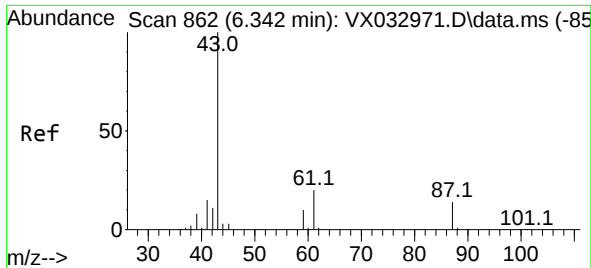
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#42
1,2-Dichloroethane
Concen: 20.352 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

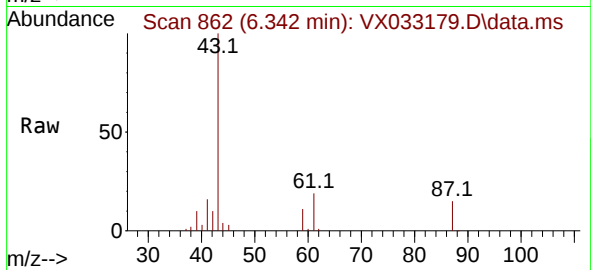
Tgt Ion: 62 Resp: 42075
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.179 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

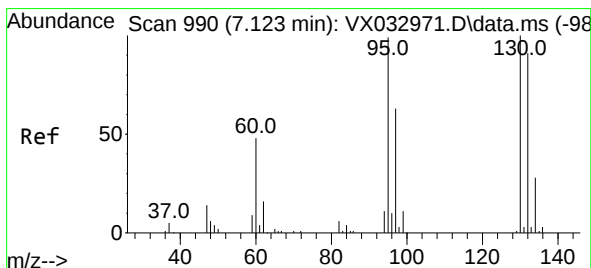
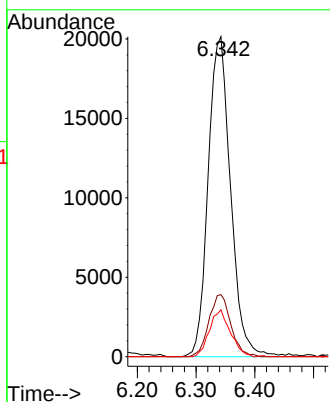
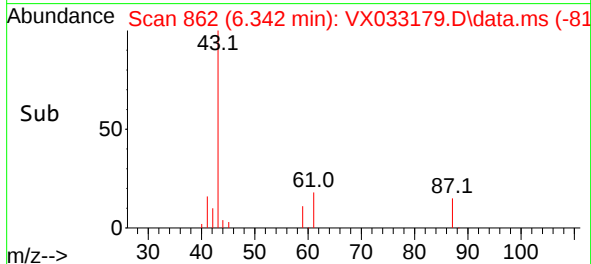
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



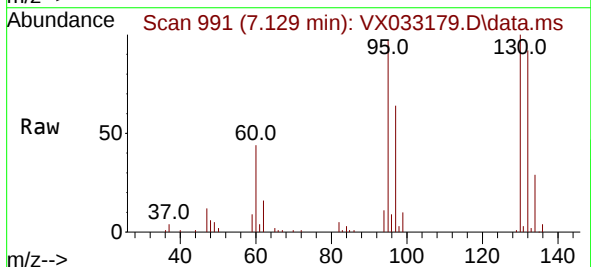
Tgt Ion: 43 Resp: 53319
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 13.6 10.8 16.2

Manual Integrations
APPROVED

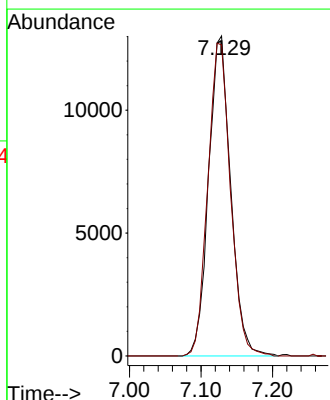
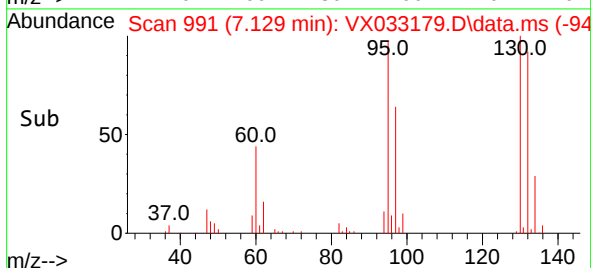
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

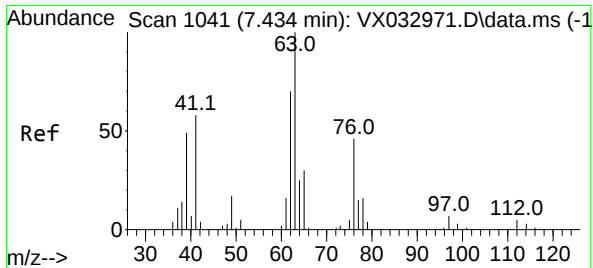


#44
Trichloroethene
Concen: 19.430 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



Tgt Ion:130 Resp: 27994
Ion Ratio Lower Upper
130 100
95 97.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.975 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

Tgt Ion: 63 Resp: 25340

Ion Ratio Lower Upper

63 100

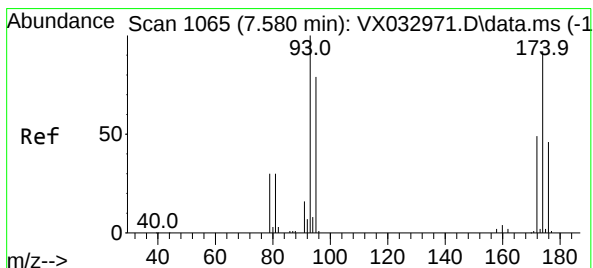
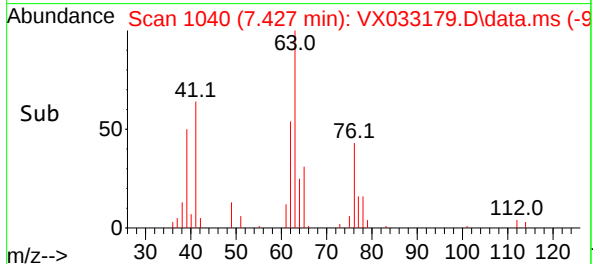
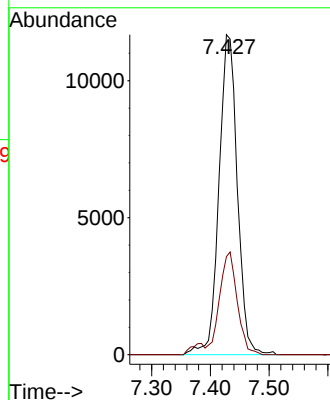
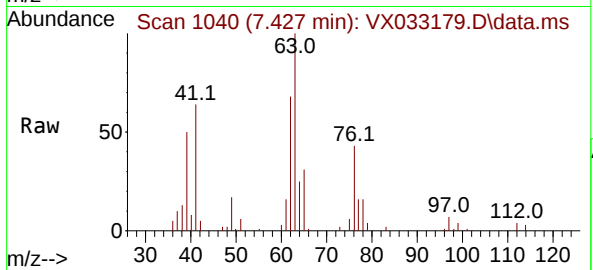
65 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#46

Dibromomethane

Concen: 20.011 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

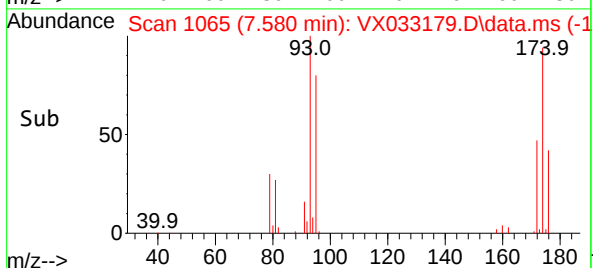
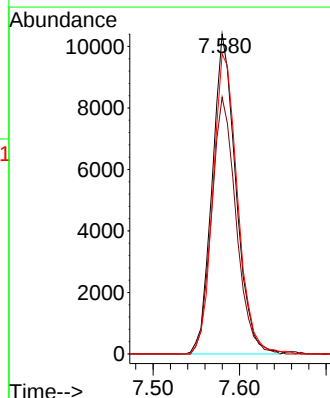
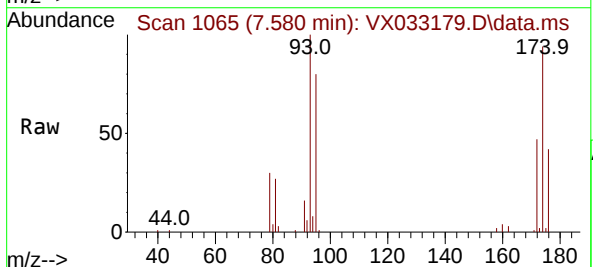
Tgt Ion: 93 Resp: 19813

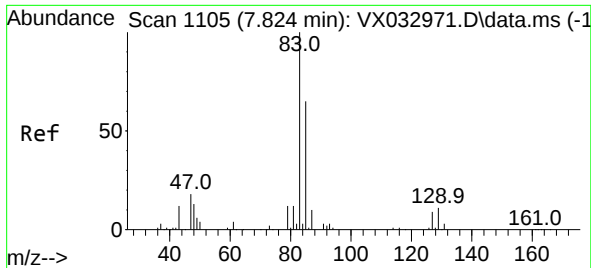
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 97.3 79.8 119.6





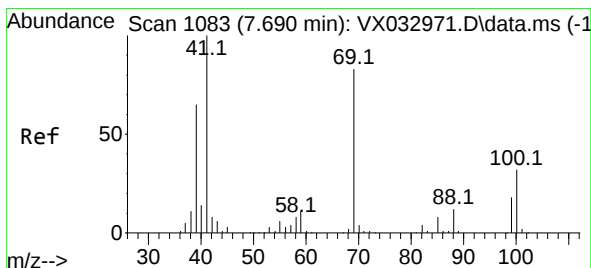
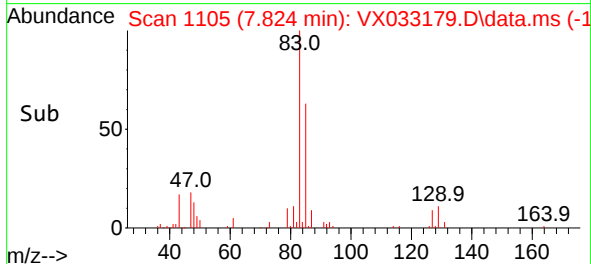
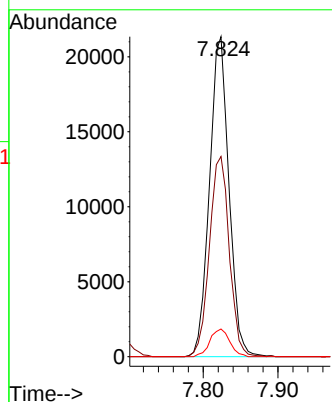
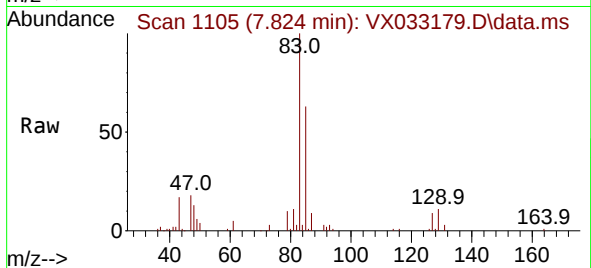
#47
Bromodichloromethane
Concen: 20.202 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion: 83 Resp: 38650
Ion Ratio Lower Upper
83 100
85 62.5 52.2 78.4
127 8.7 7.4 11.2

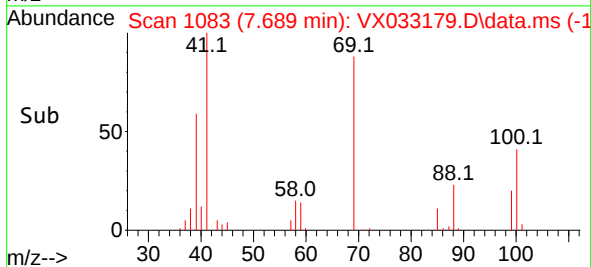
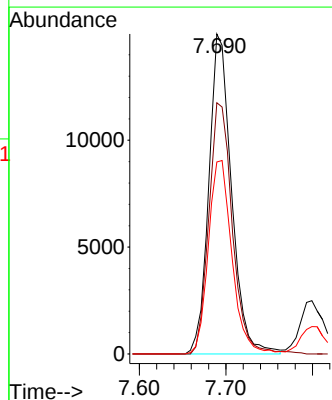
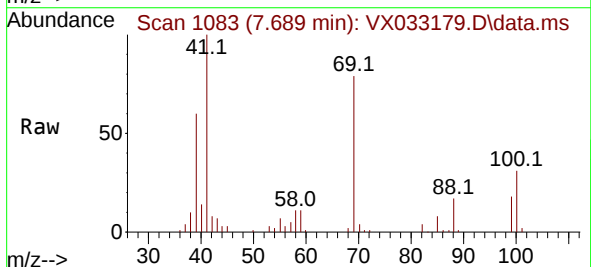
Manual Integrations
APPROVED

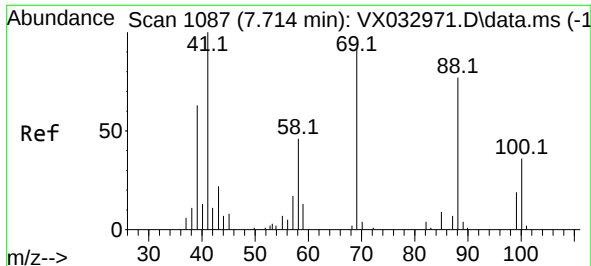
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#48
Methyl methacrylate
Concen: 20.053 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion: 41 Resp: 27274
Ion Ratio Lower Upper
41 100
69 81.4 65.1 97.7
39 63.1 51.9 77.9





#49

1,4-Dioxane

Concen: 468.083 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.031 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

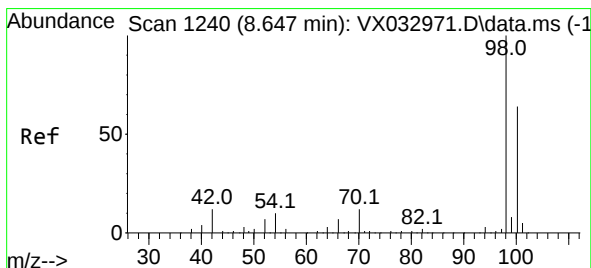
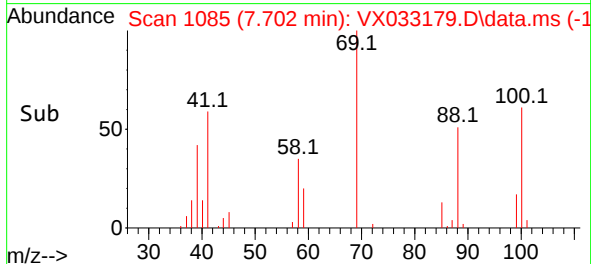
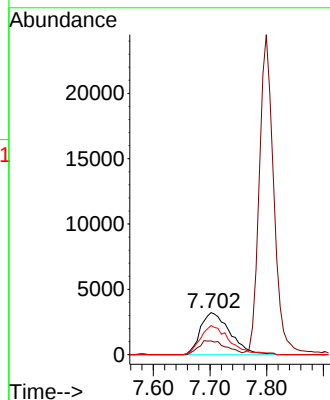
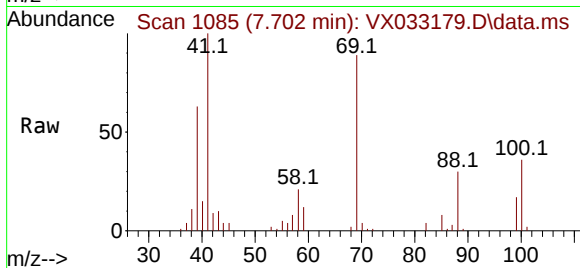
Tgt Ion: 88 Resp: 11719
 Ion Ratio Lower Upper
 88 100
 43 30.9 26.6 39.8
 58 67.5 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#50

Toluene-d8

Concen: 44.709 ug/l

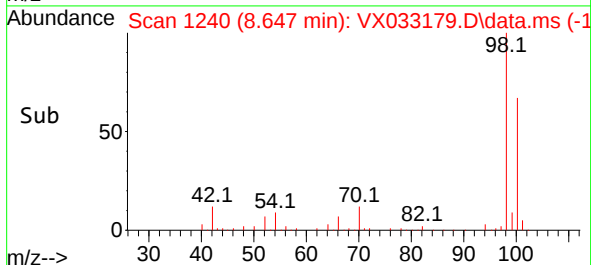
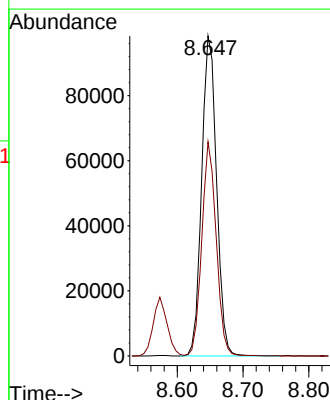
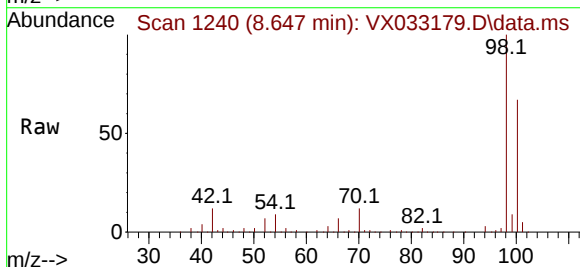
RT: 8.647 min Scan# 1240

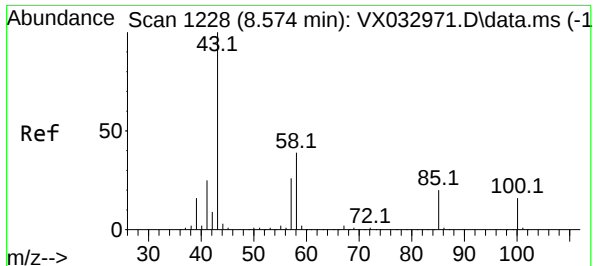
Delta R.T. -0.006 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Tgt Ion: 98 Resp: 154855
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.9 76.3





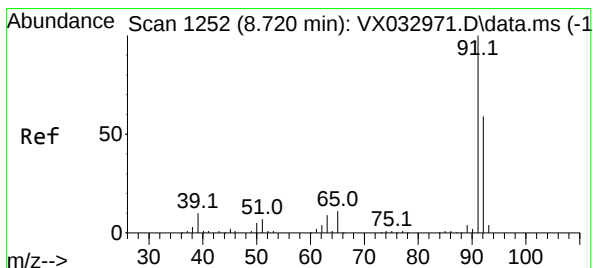
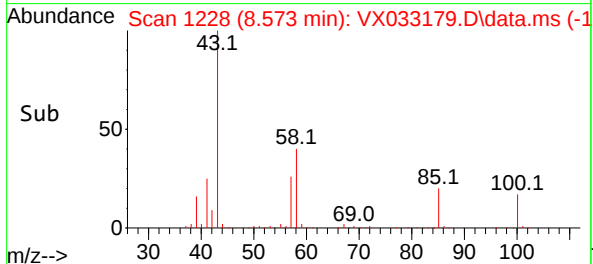
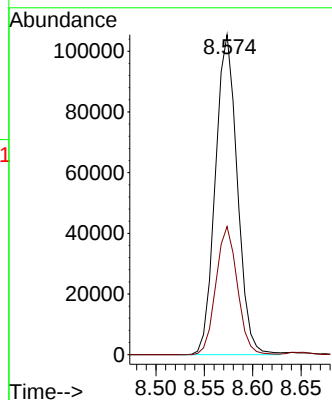
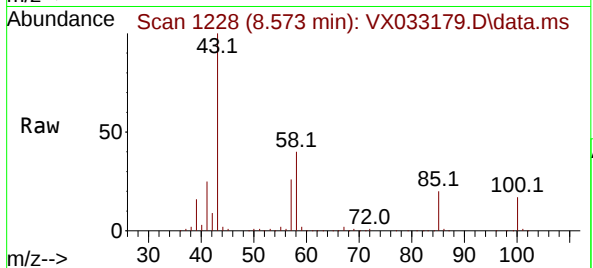
#51
4-Methyl-2-Pentanone
Concen: 101.964 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion: 43 Resp: 166248
Ion Ratio Lower Upper
43 100
58 39.1 30.9 46.3

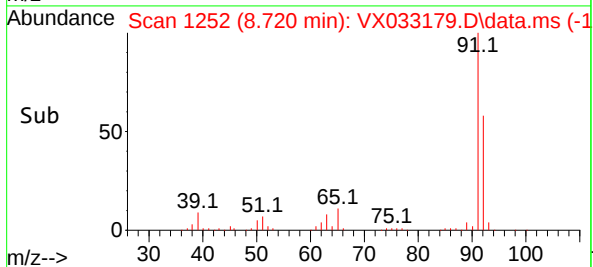
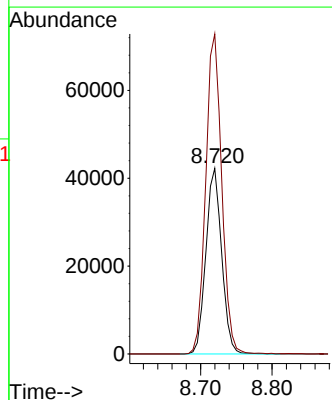
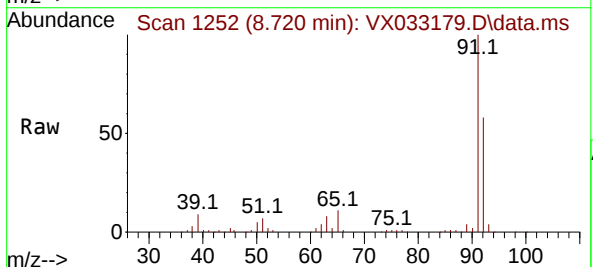
Manual Integrations
APPROVED

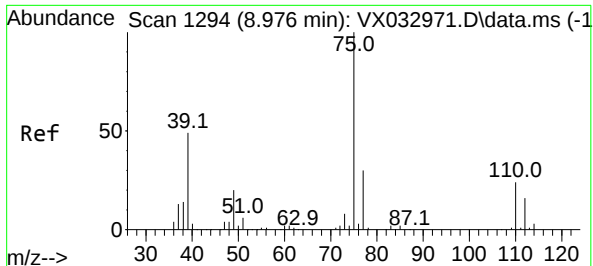
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#52
Toluene
Concen: 19.180 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion: 92 Resp: 64790
Ion Ratio Lower Upper
92 100
91 174.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.192 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

Tgt Ion: 75 Resp: 3747

Ion Ratio Lower Upper

75 100

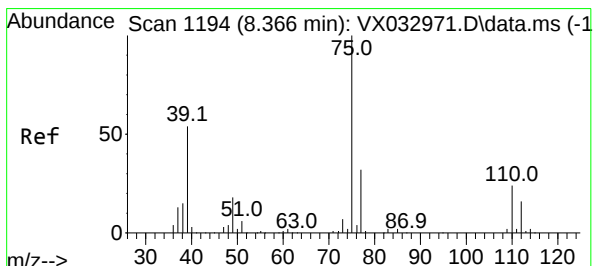
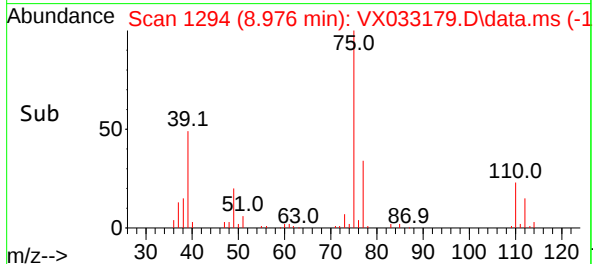
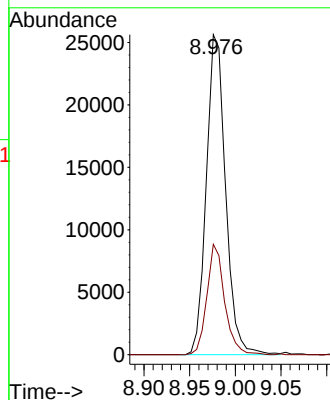
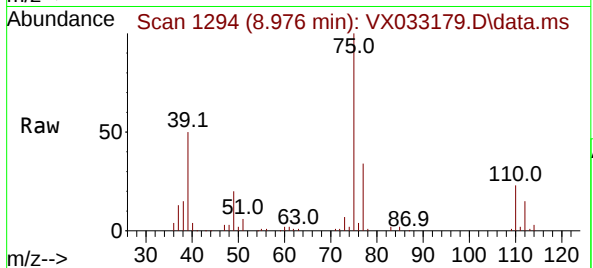
77 34.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#54

cis-1,3-Dichloropropene

Concen: 20.043 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

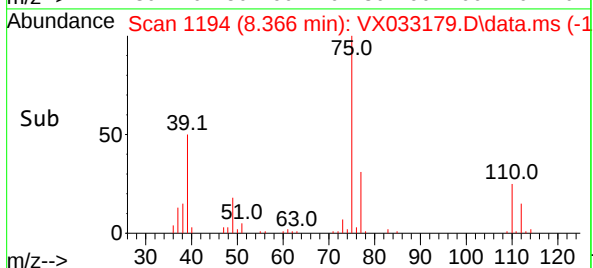
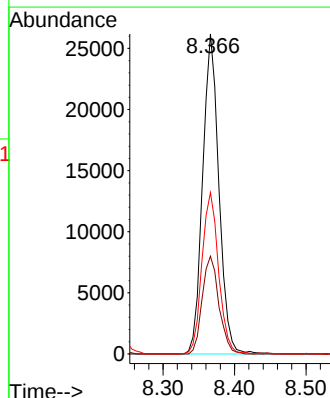
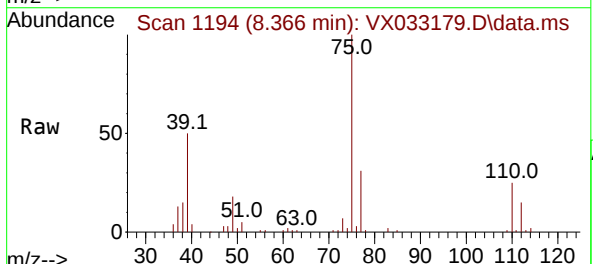
Tgt Ion: 75 Resp: 41338

Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7

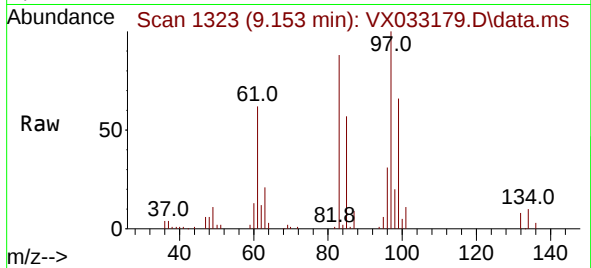
39 50.4 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 19.884 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

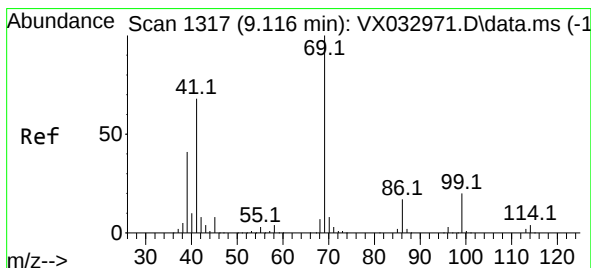
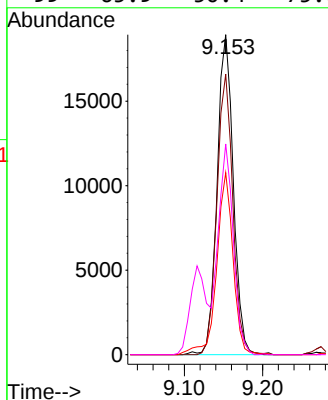
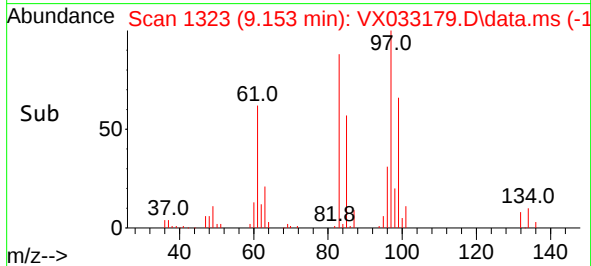
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



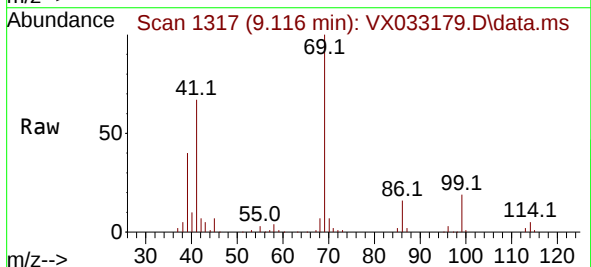
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.1	102.1
85	56.8	43.3	64.9
99	65.9	50.4	75.6

Manual Integrations
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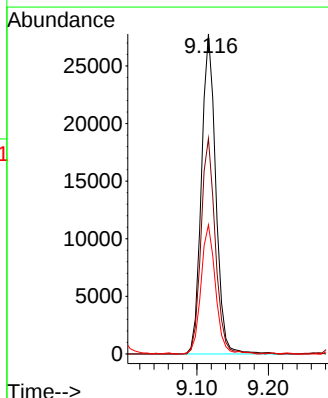
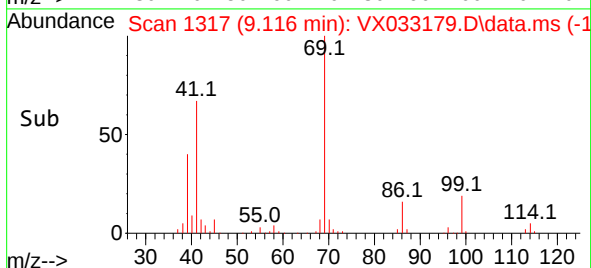
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

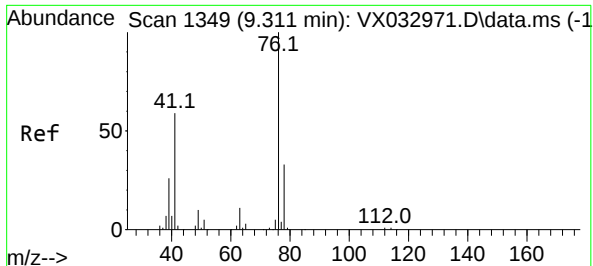


#56
Ethyl methacrylate
Concen: 20.440 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.3	81.5
39	41.0	35.2	52.8





#57

1,3-Dichloropropane

Concen: 20.377 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

Tgt Ion: 76 Resp: 4524

Ion Ratio Lower Upper

76 100

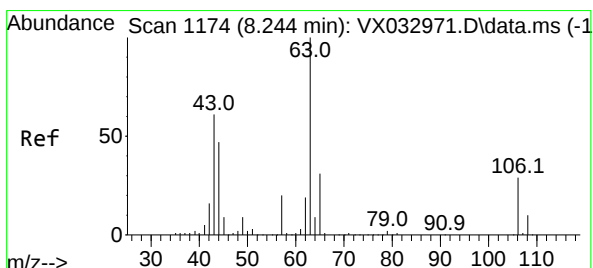
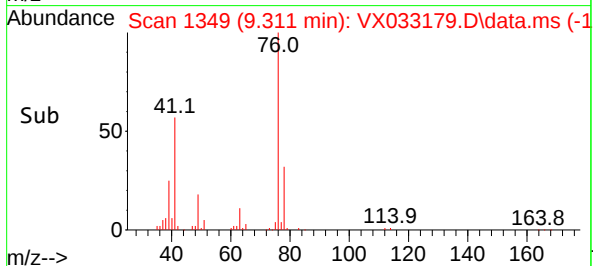
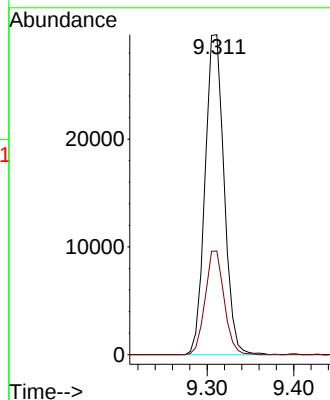
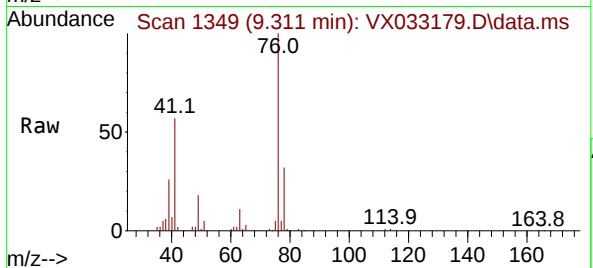
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 100.880 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033179.D

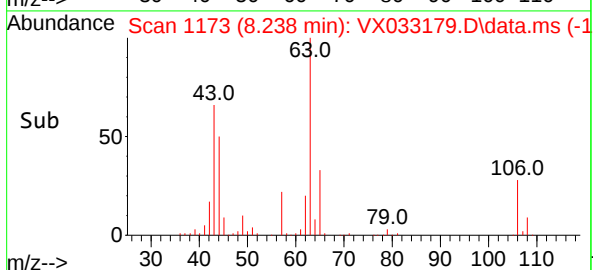
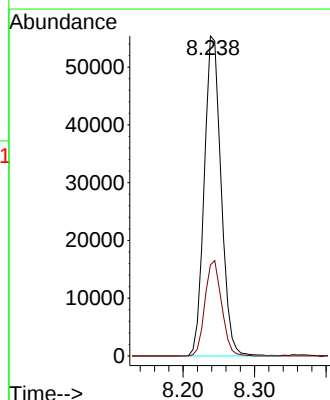
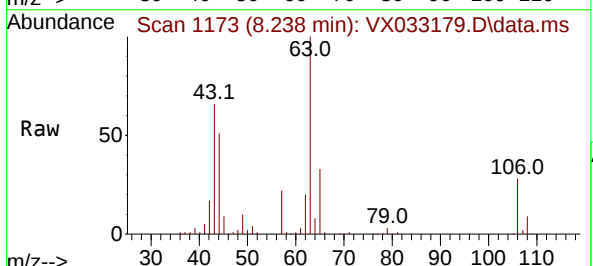
Acq: 02 Dec 2022 12:43

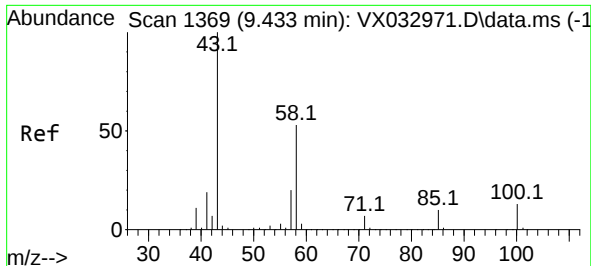
Tgt Ion: 63 Resp: 90774

Ion Ratio Lower Upper

63 100

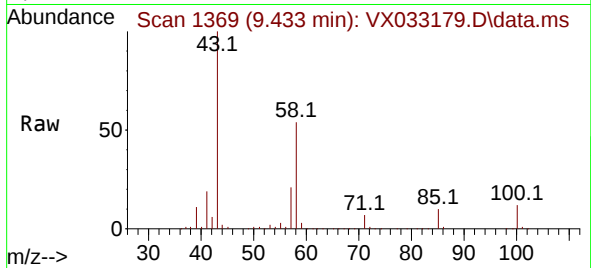
106 29.4 23.3 34.9





#59
2-Hexanone
Concen: 102.668 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

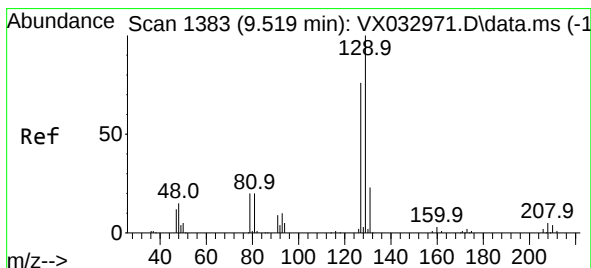
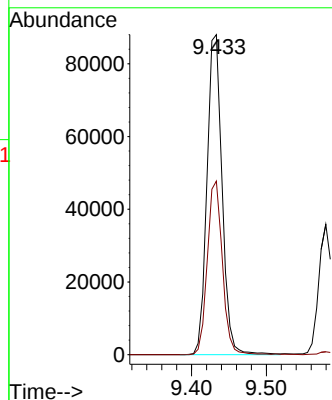
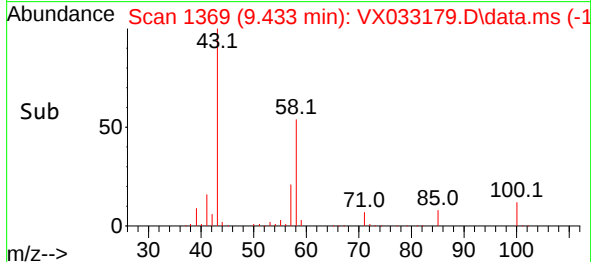
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



Tgt Ion: 43 Resp: 123658
Ion Ratio Lower Upper
43 100
58 54.0 26.5 79.5

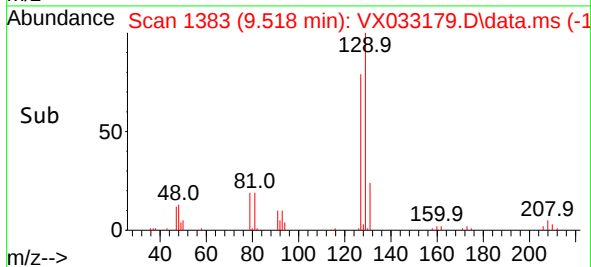
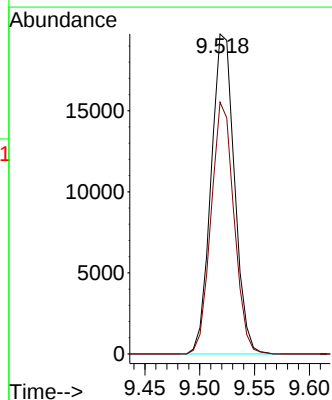
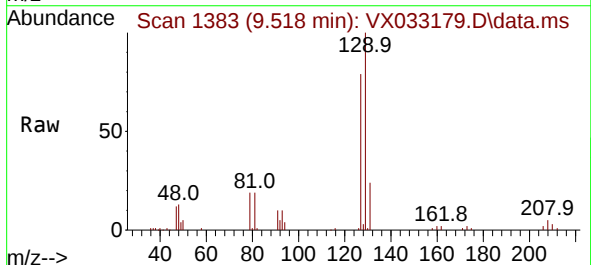
Manual Integrations
APPROVED

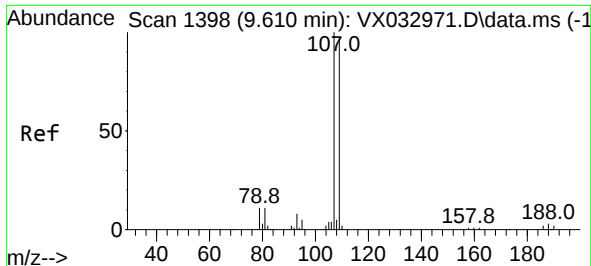
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#60
Dibromochloromethane
Concen: 19.766 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion:129 Resp: 29267
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.581 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBSD01

Tgt Ion:107 Resp: 28424

Ion Ratio Lower Upper

107 100

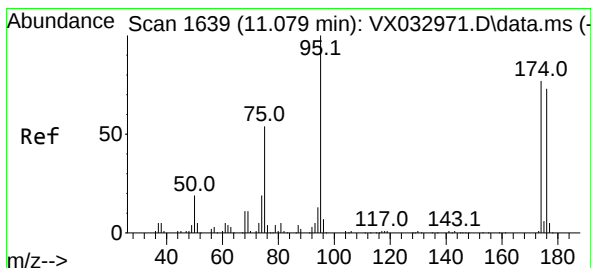
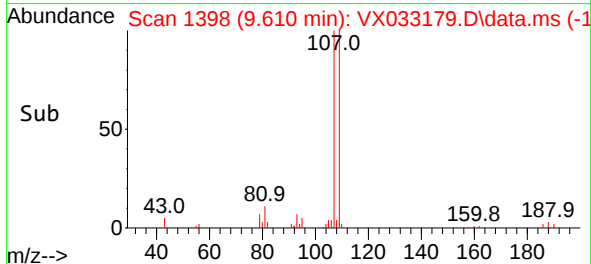
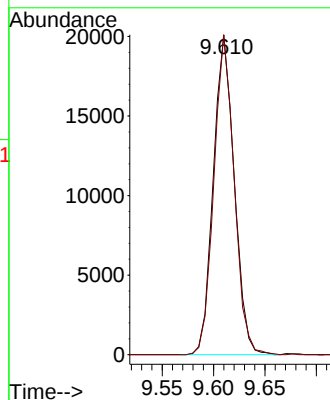
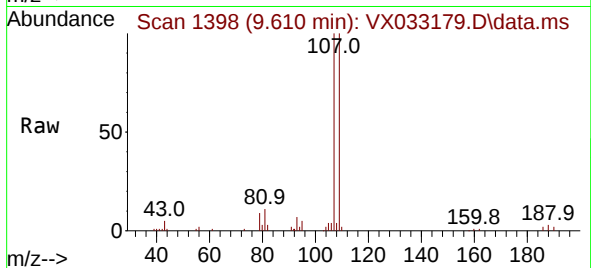
109 97.1 76.0 114.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#62

4-Bromofluorobenzene

Concen: 46.063 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033179.D

Acq: 02 Dec 2022 12:43

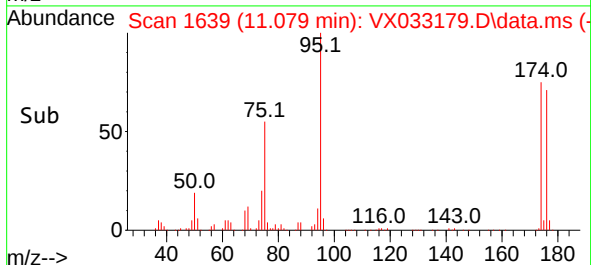
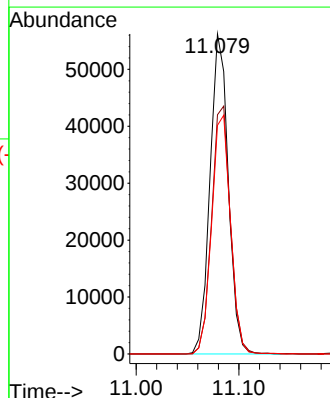
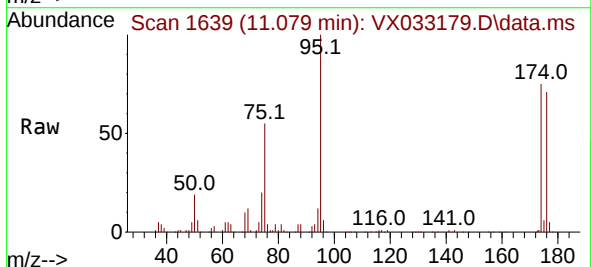
Tgt Ion: 95 Resp: 69301

Ion Ratio Lower Upper

95 100

174 79.6 0.0 164.0

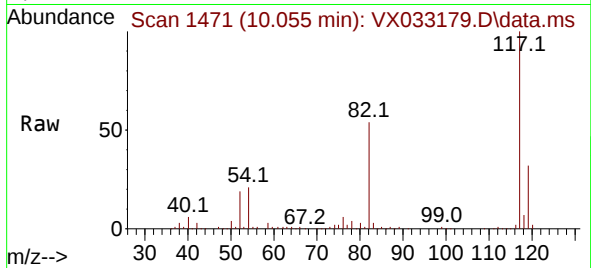
176 77.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

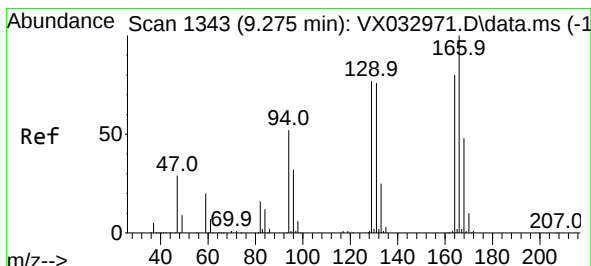
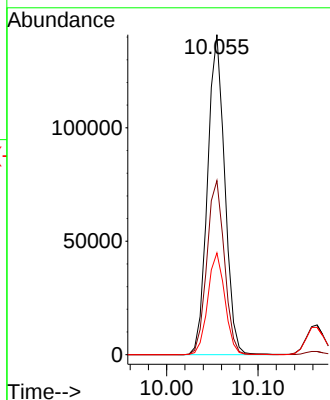
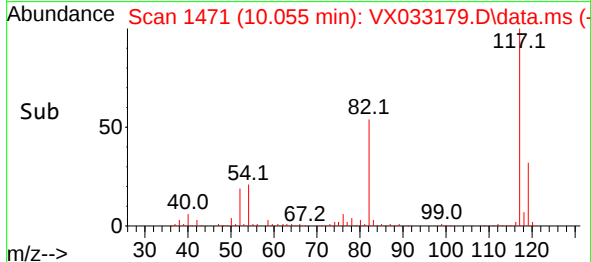
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



Tgt Ion:117 Resp: 183834
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.8 25.7 38.5

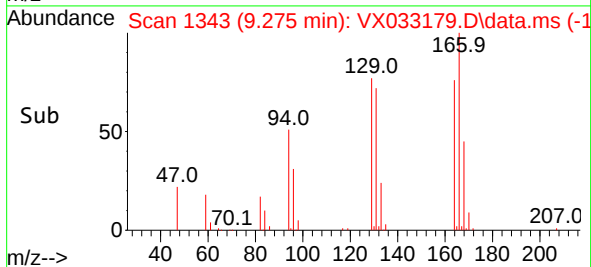
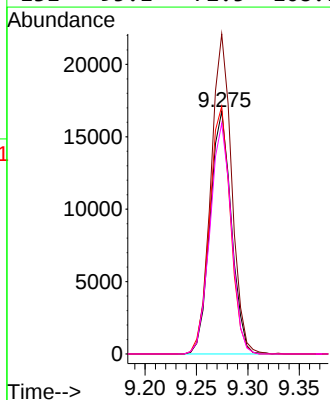
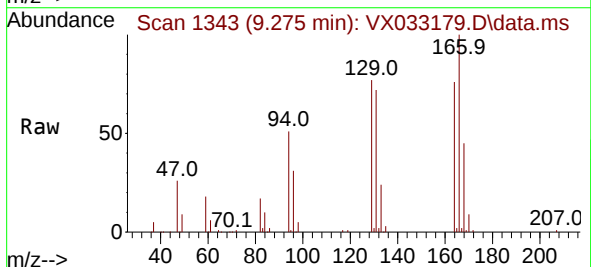
Manual Integrations
APPROVED

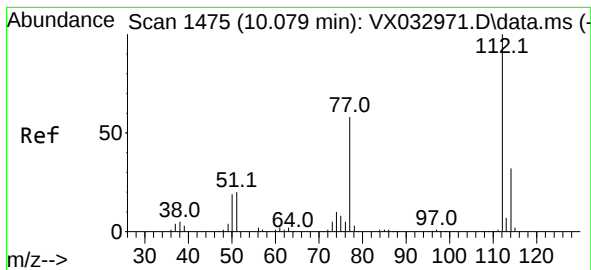
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#64
Tetrachloroethene
Concen: 18.491 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion:164 Resp: 24061
Ion Ratio Lower Upper
164 100
166 131.9 105.4 158.2
129 102.1 78.2 117.2
131 95.1 72.5 108.7





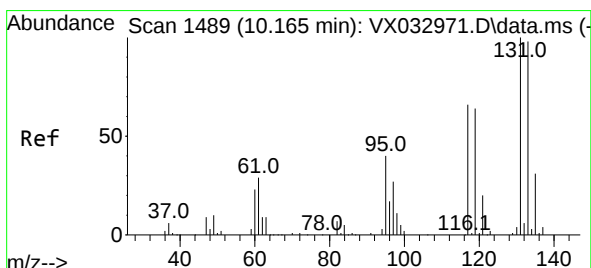
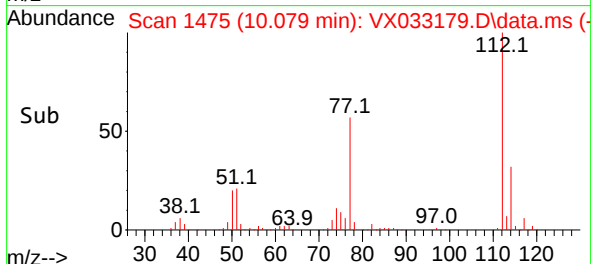
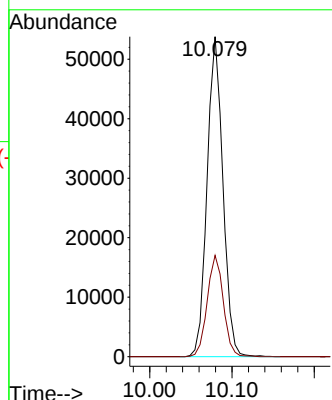
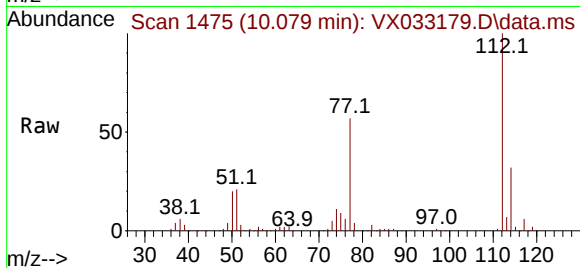
#65
Chlorobenzene
Concen: 19.613 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion:112 Resp: 7188
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

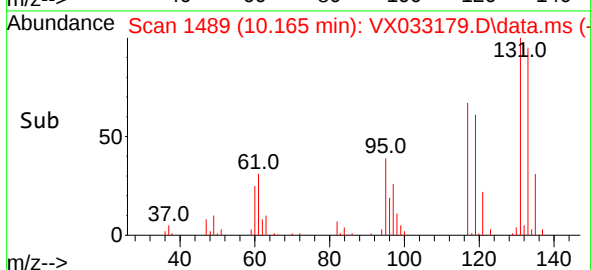
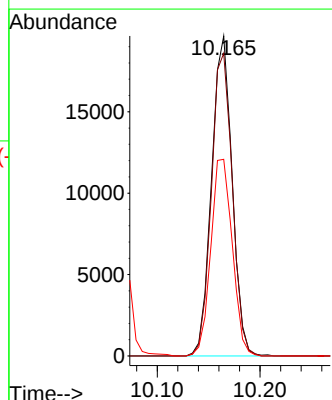
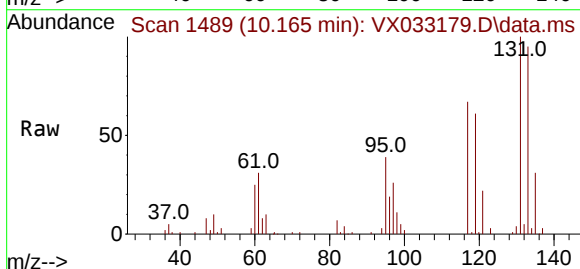
Manual Integrations
APPROVED

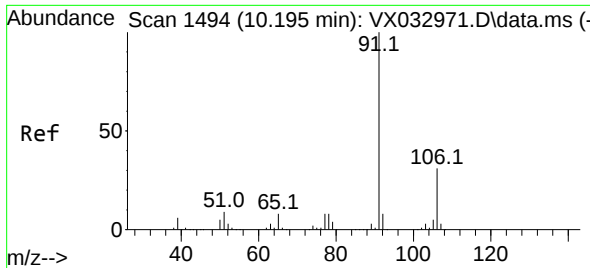
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.279 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion:131 Resp: 27233
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 64.4 32.4 97.0





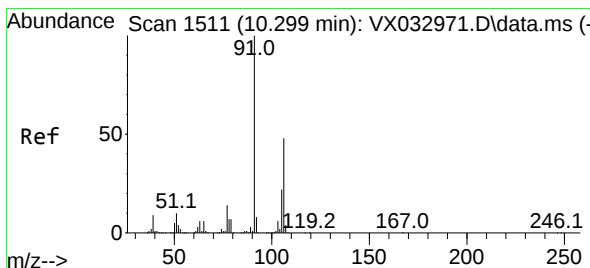
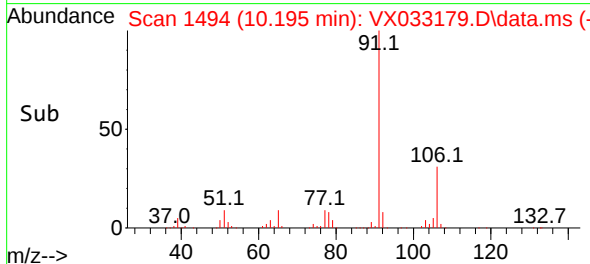
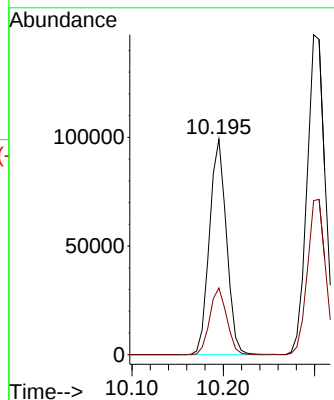
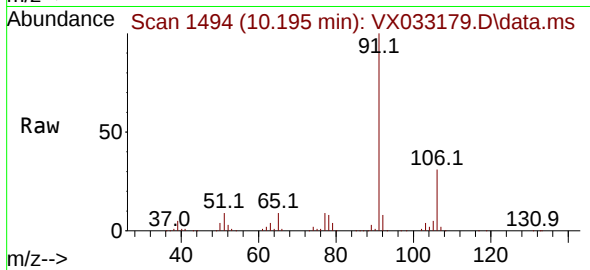
#67
Ethyl Benzene
Concen: 19.713 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion: 91 Resp: 12816
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

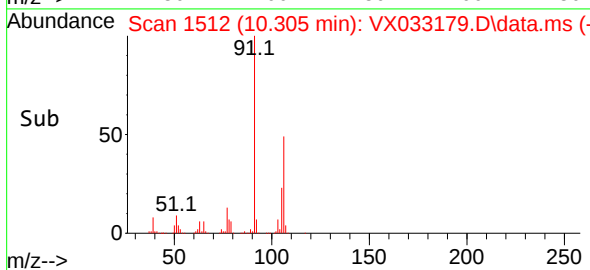
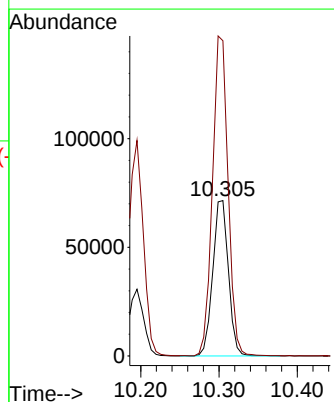
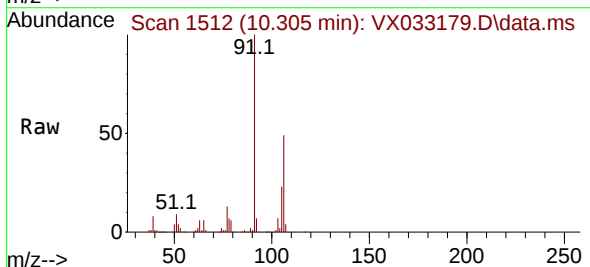
Manual Integrations
APPROVED

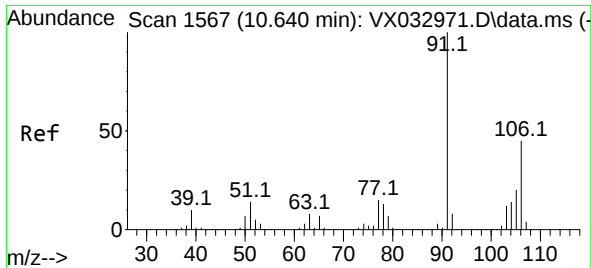
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#68
m/p-Xylenes
Concen: 38.917 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Tgt Ion:106 Resp: 99080
Ion Ratio Lower Upper
106 100
91 205.6 164.5 246.7





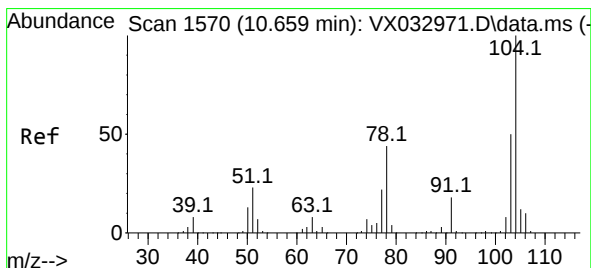
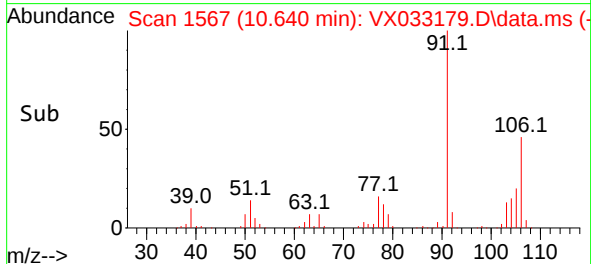
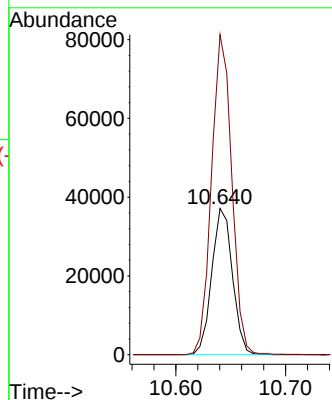
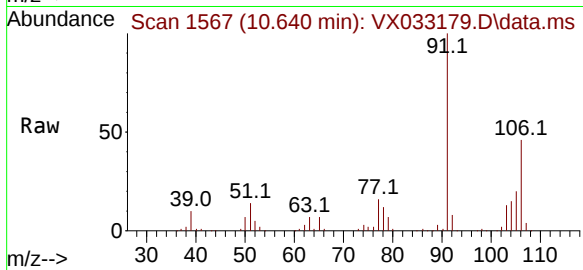
#69
o-Xylene
Concen: 19.735 ug/l
RT: 10.640 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion:106 Resp: 48615
Ion Ratio Lower Upper
106 100
91 214.8 109.2 327.6

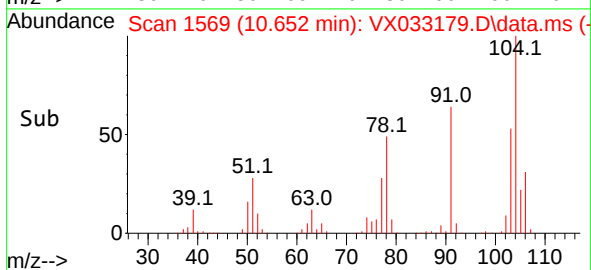
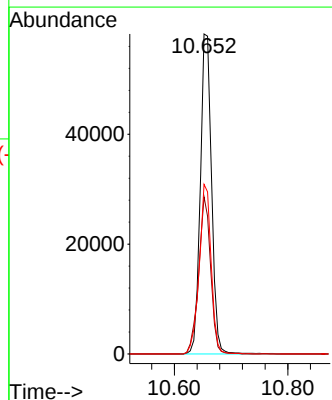
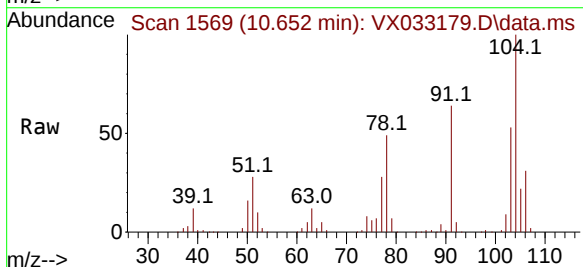
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#70
Styrene
Concen: 19.887 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

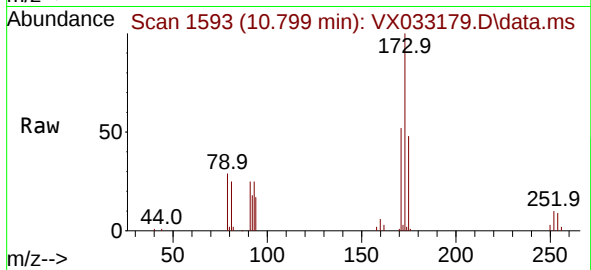
Tgt Ion:104 Resp: 80146
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 56.2 44.5 66.7





#71
Bromoform
Concen: 19.401 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

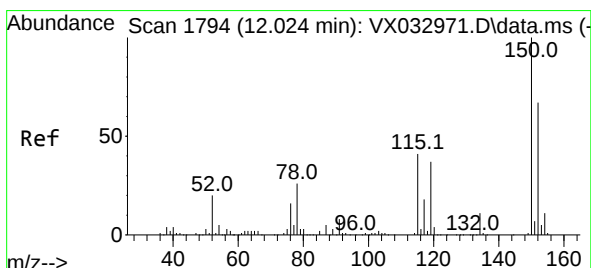
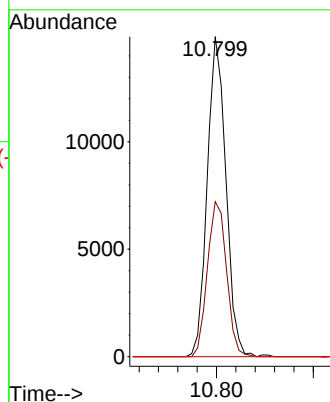
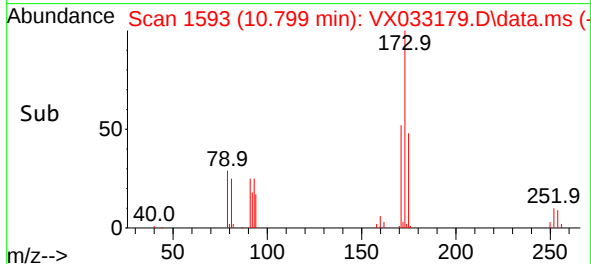
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



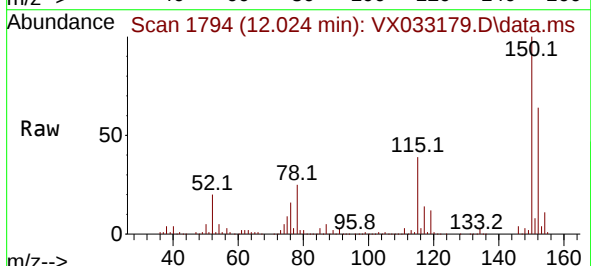
Tgt Ion:173 Resp: 19970
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
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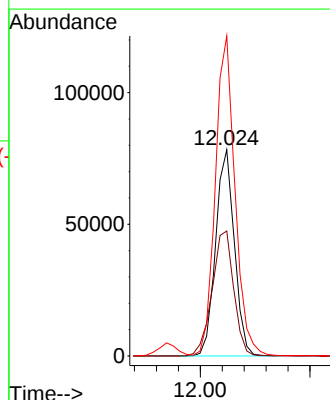
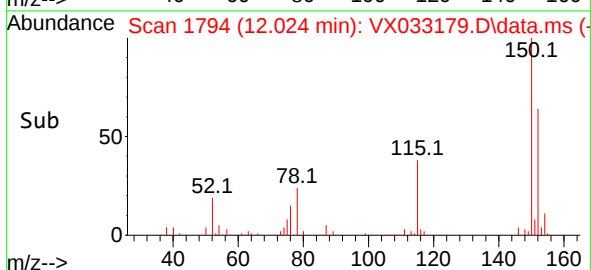
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

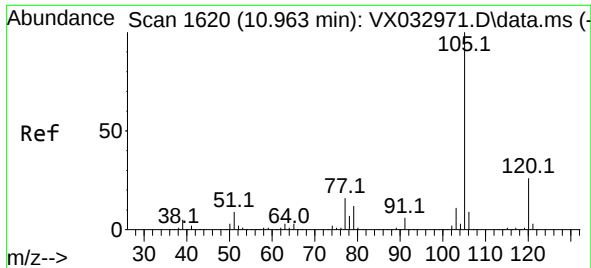


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



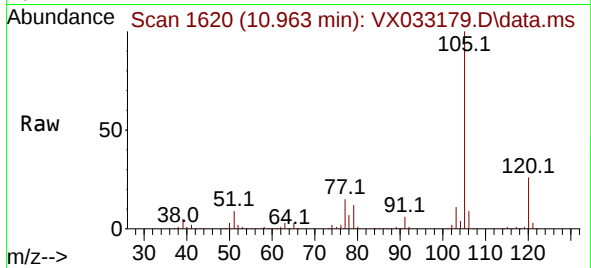
Tgt Ion:152 Resp: 93103
Ion Ratio Lower Upper
152 100
115 69.6 44.0 132.0
150 161.9 0.0 351.8





#73
Isopropylbenzene
Concen: 19.402 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

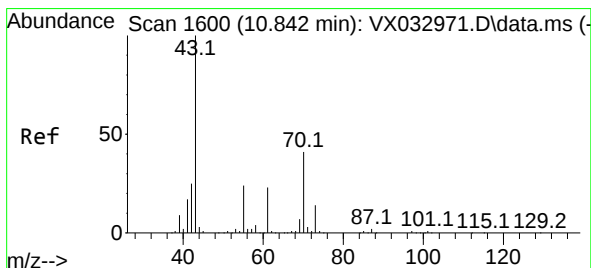
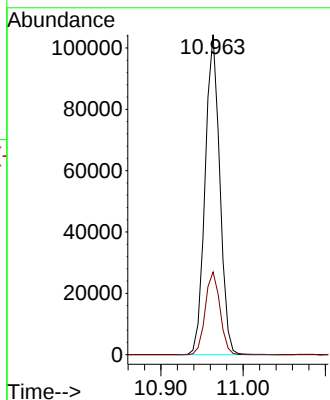
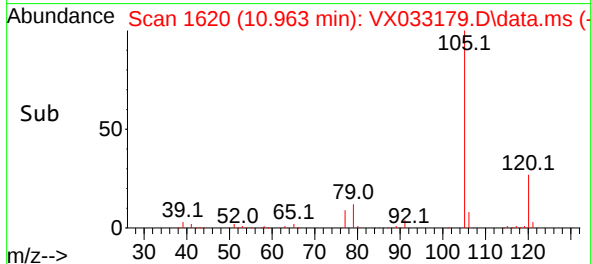
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



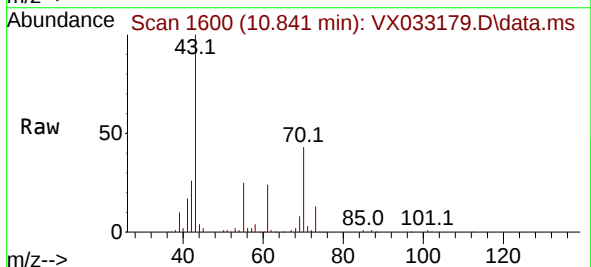
Tgt Ion: 105 Resp: 12908
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3

Manual Integrations
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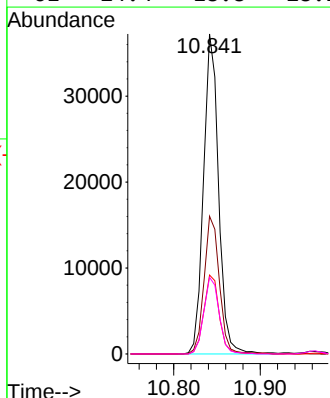
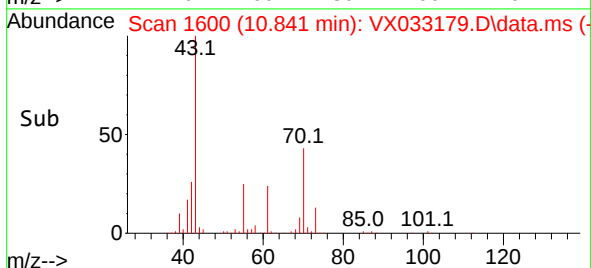
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

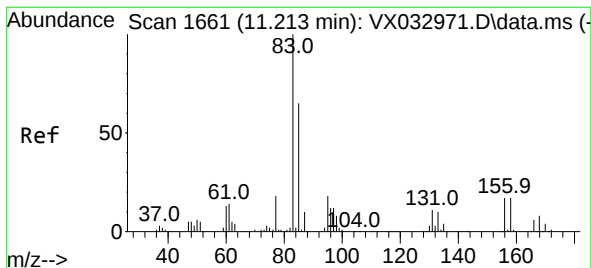


#74
N-ethyl acetate
Concen: 19.875 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



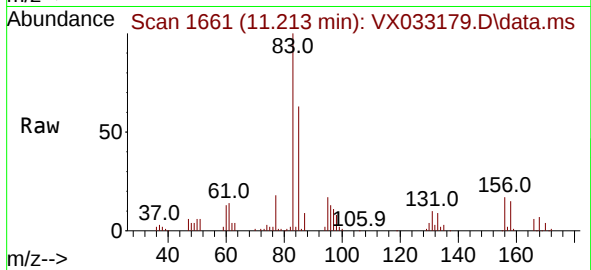
Tgt Ion: 43 Resp: 44981
Ion Ratio Lower Upper
43 100
70 43.8 33.6 50.4
55 25.1 19.4 29.2
61 24.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.086 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

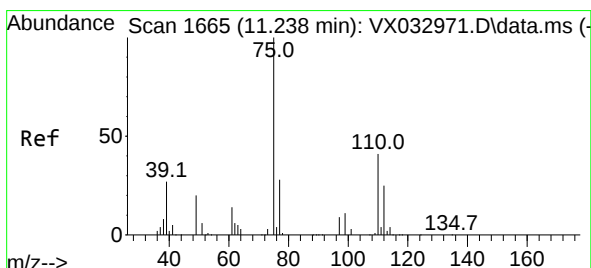
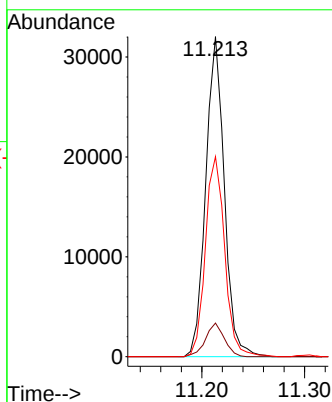
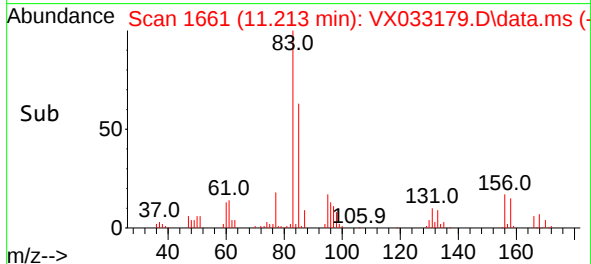
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



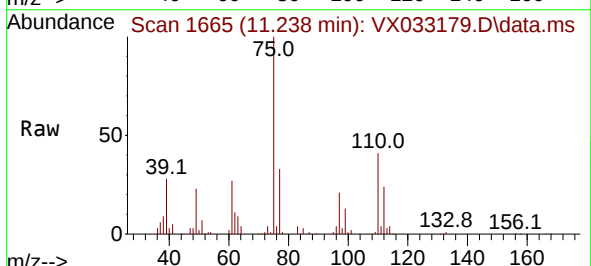
Tgt Ion: 83 Resp: 40332
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 65.1 31.9 95.9

Manual Integrations
APPROVED

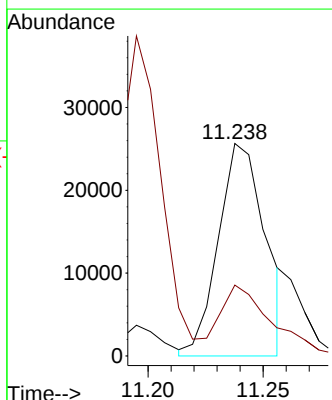
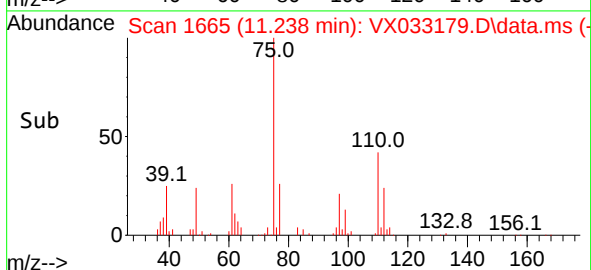
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

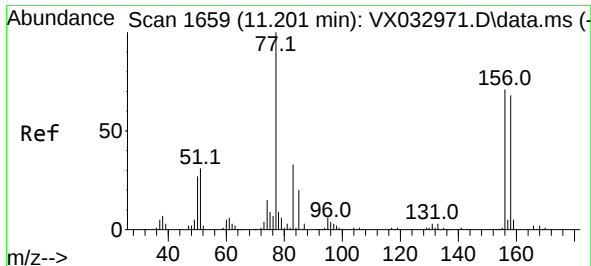


#76
1,2,3-Trichloropropane
Concen: 20.578 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



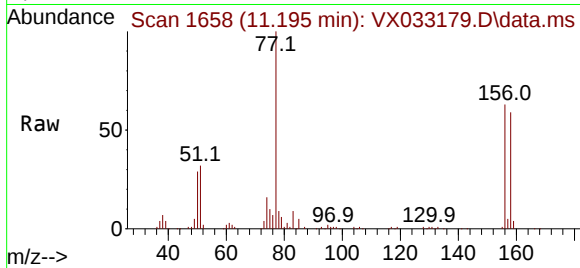
Tgt Ion: 75 Resp: 36284
Ion Ratio Lower Upper
75 100
77 38.2 20.0 60.0





#77
Bromobenzene
Concen: 19.649 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

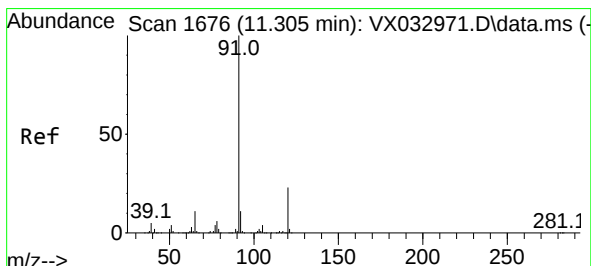
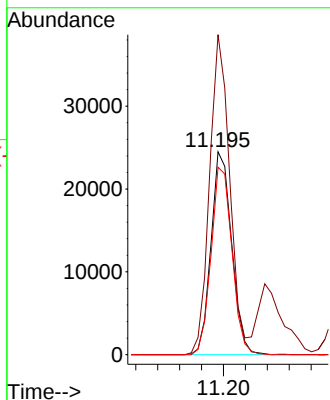
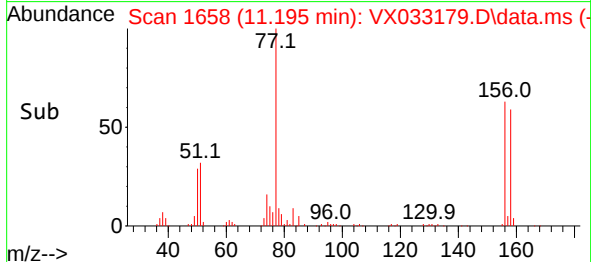
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



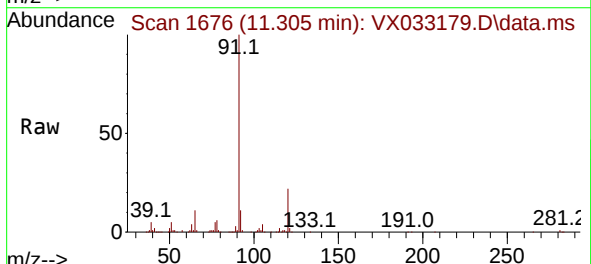
Tgt Ion:156 Resp: 32150
Ion Ratio Lower Upper
156 100
77 152.7 76.1 228.4
158 93.2 48.8 146.3

Manual Integrations
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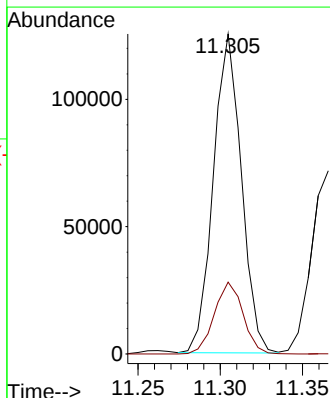
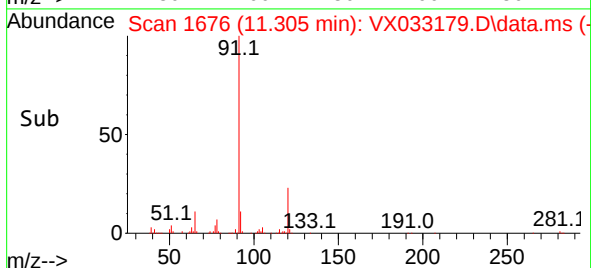
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

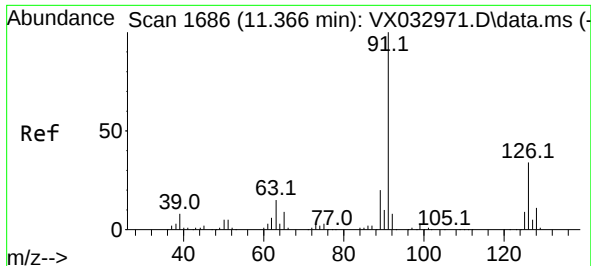


#78
n-propylbenzene
Concen: 19.454 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



Tgt Ion: 91 Resp: 147979
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





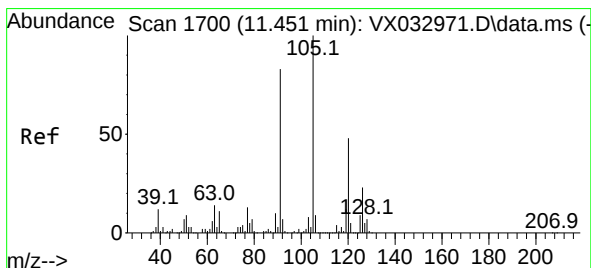
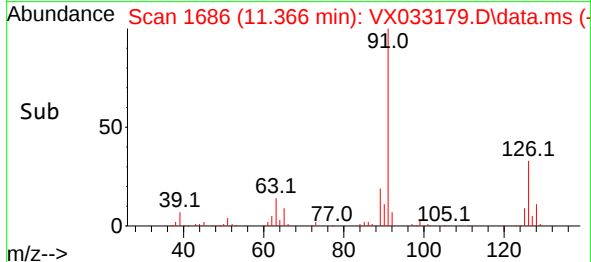
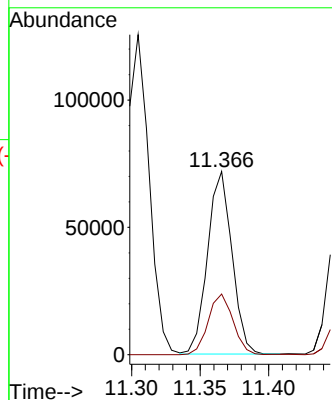
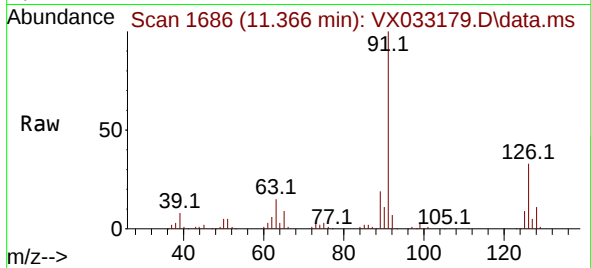
#79
2-Chlorotoluene
Concen: 19.254 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion: 91 Resp: 8895
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2

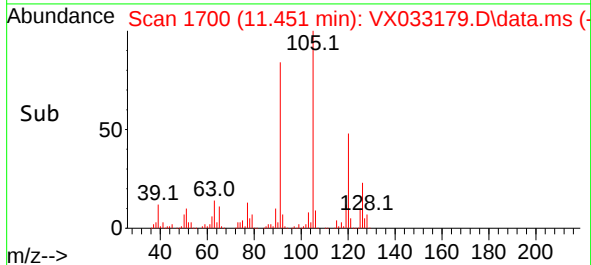
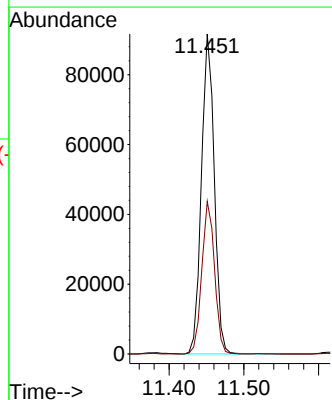
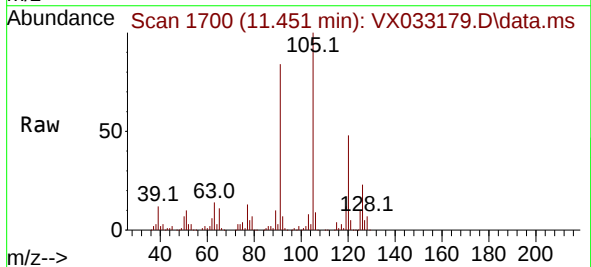
Manual Integrations
APPROVED

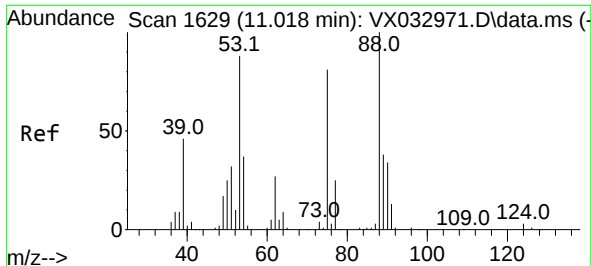
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.581 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

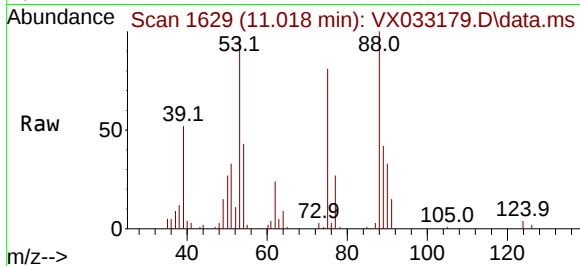
Tgt Ion:105 Resp: 109440
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.638 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

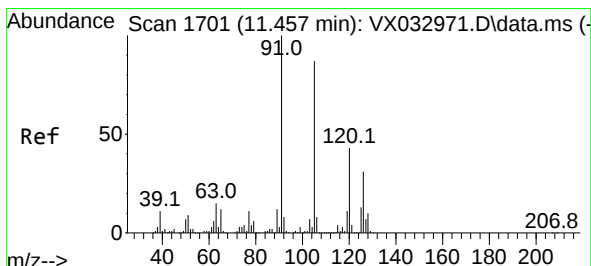
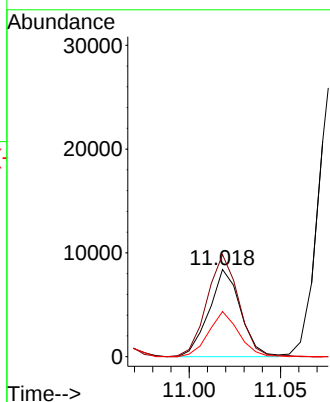
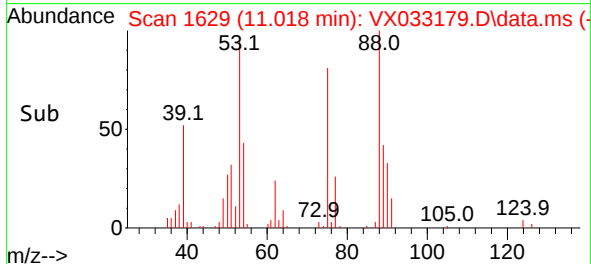
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



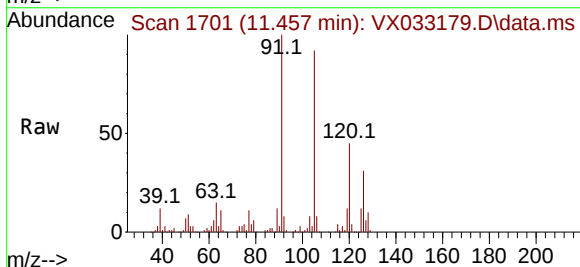
Tgt Ion: 75 Resp: 10110
Ion Ratio Lower Upper
75 100
53 117.5 86.9 130.3
89 49.3 38.3 57.5

Manual Integrations
APPROVED

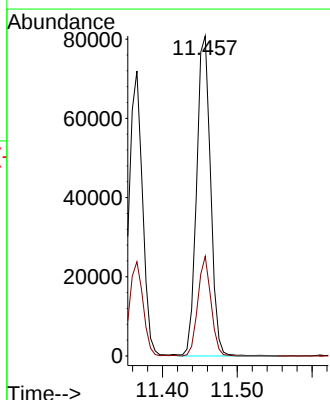
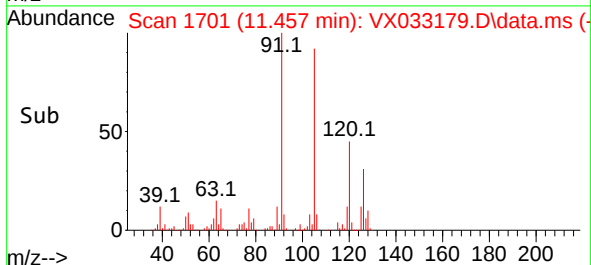
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

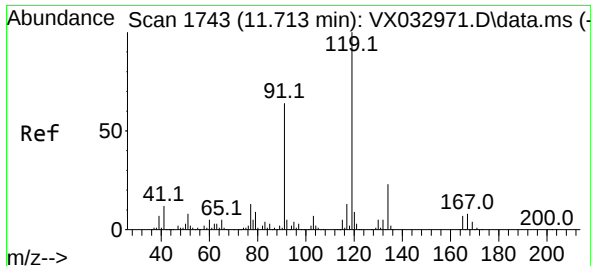


#82
4-Chlorotoluene
Concen: 19.289 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



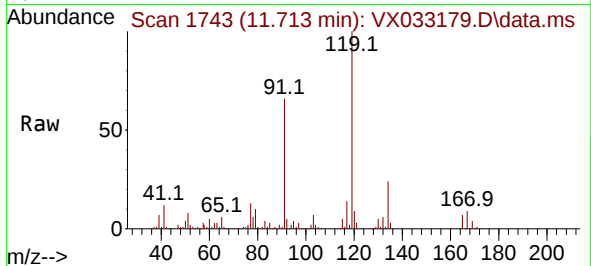
Tgt Ion: 91 Resp: 104430
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.4





#83
tert-Butylbenzene
Concen: 19.614 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

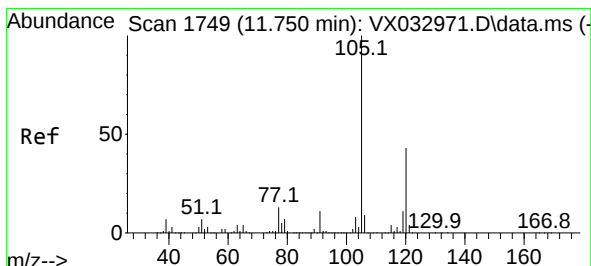
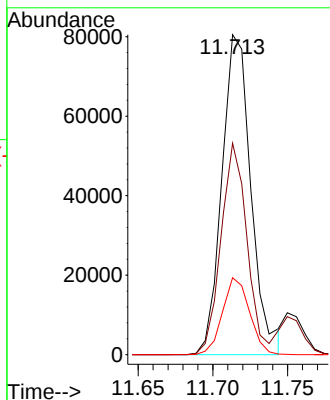
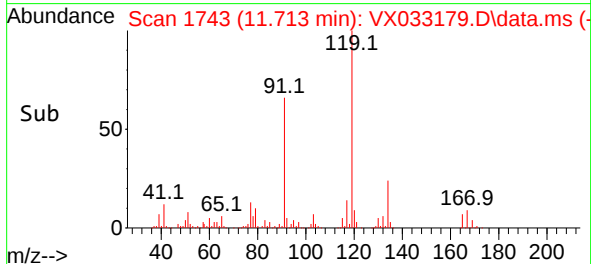
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



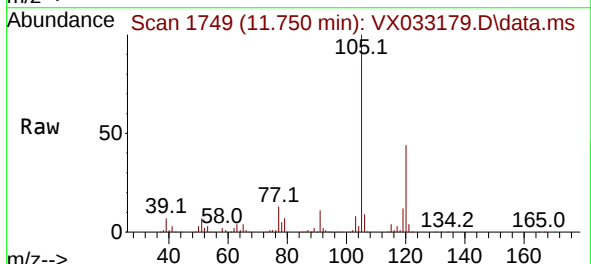
Tgt Ion:119 Resp: 10912
Ion Ratio Lower Upper
119 100
91 58.9 29.4 88.2
134 22.4 11.0 33.0

Manual Integrations
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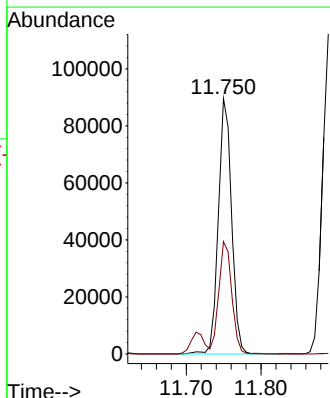
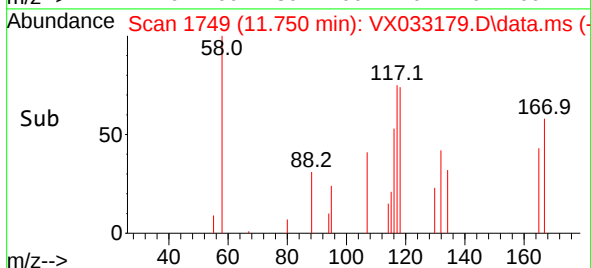
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

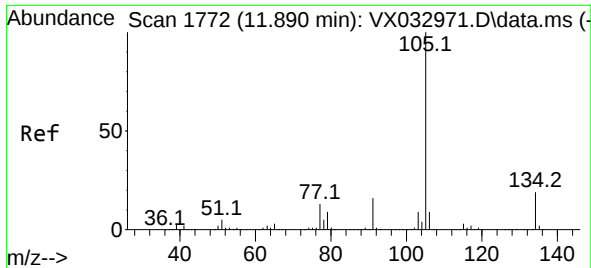


#84
1,2,4-Trimethylbenzene
Concen: 19.755 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



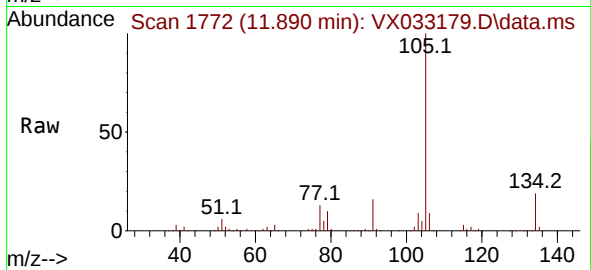
Tgt Ion:105 Resp: 110094
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 19.755 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033179.D
 Acq: 02 Dec 2022 12:43

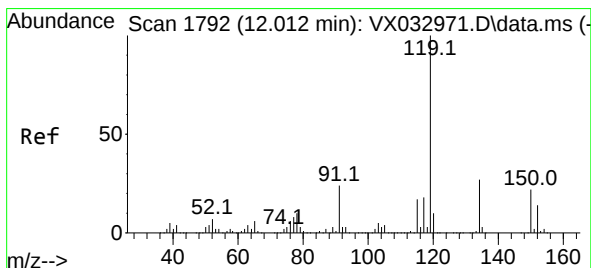
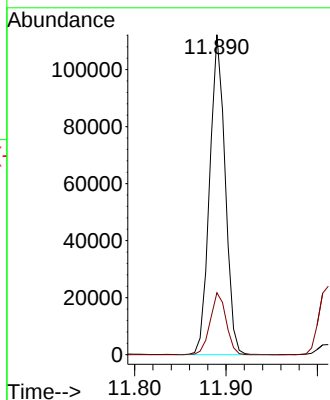
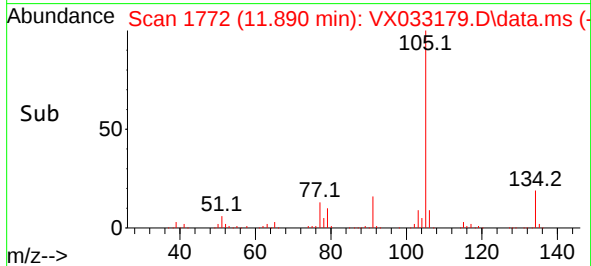
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBSD01



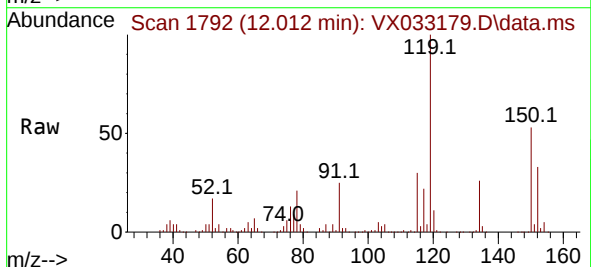
Tgt Ion:105 Resp: 131484
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations
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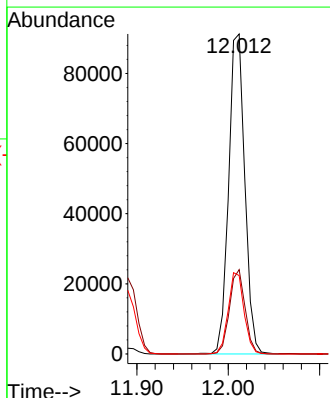
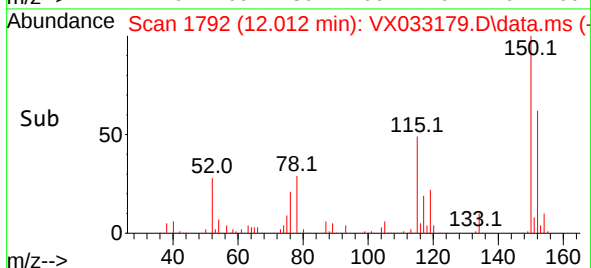
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#86
 p-Isopropyltoluene
 Concen: 19.914 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX033179.D
 Acq: 02 Dec 2022 12:43



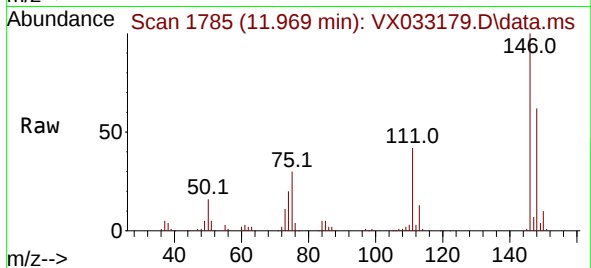
Tgt Ion:119 Resp: 112299
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.9 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 19.317 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

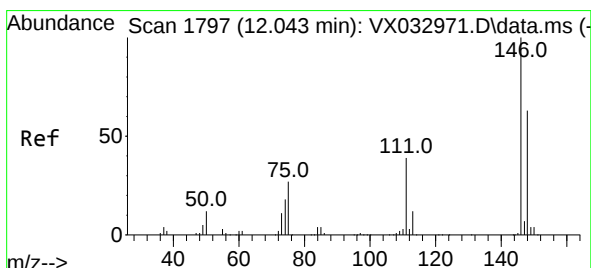
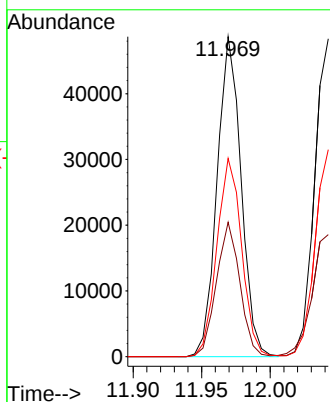
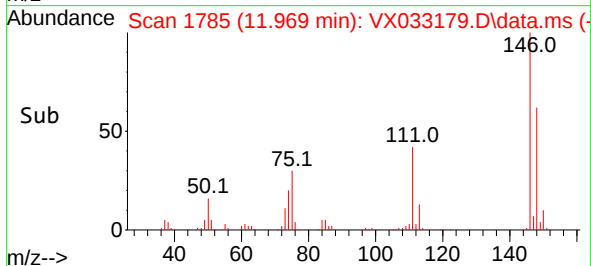
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



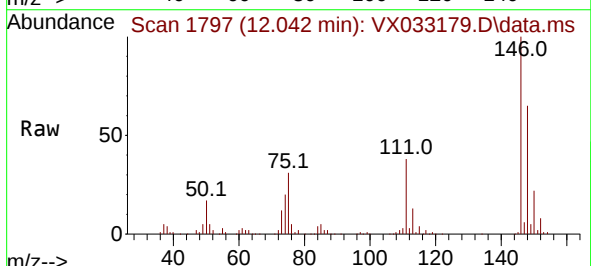
Tgt Ion:146 Resp: 5928
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 64.0 31.7 95.1

Manual Integrations
APPROVED

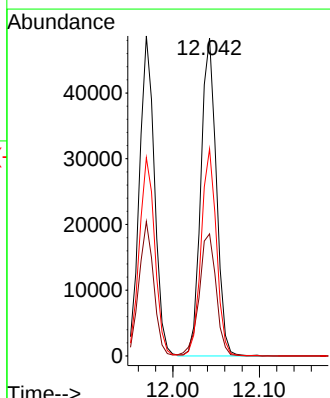
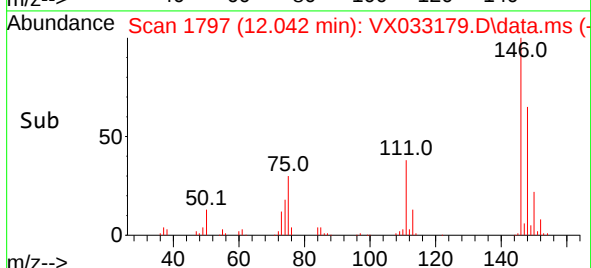
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

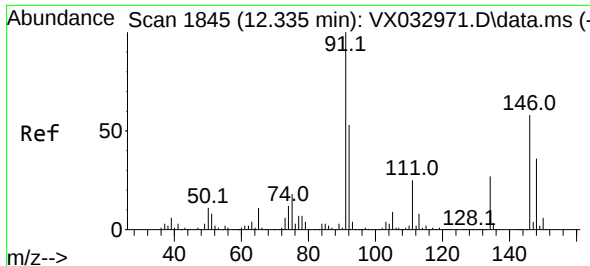


#88
1,4-Dichlorobenzene
Concen: 19.104 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



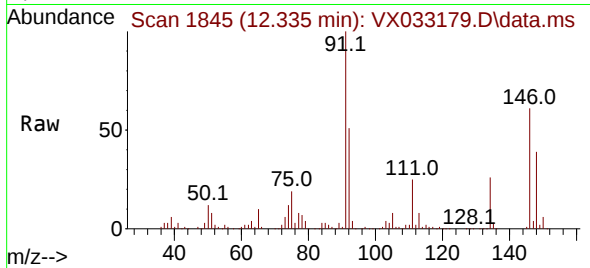
Tgt Ion:146 Resp: 60045
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.6
148 64.4 32.2 96.6





#89
n-Butylbenzene
Concen: 19.532 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

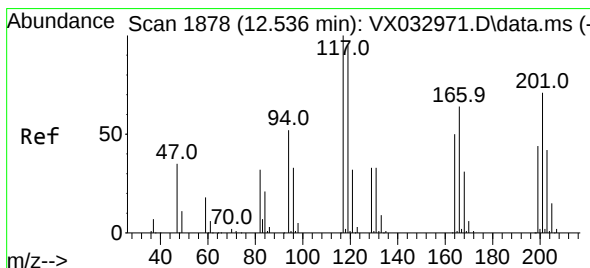
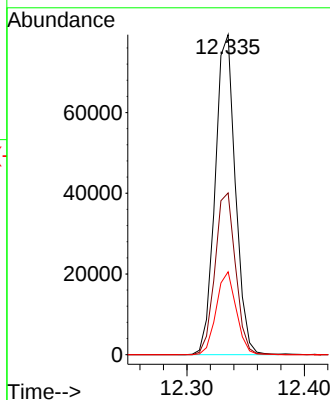
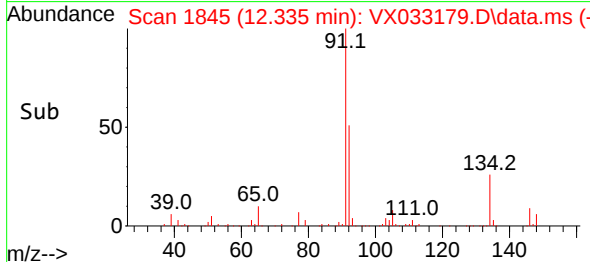
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



Tgt Ion: 91 Resp: 94880
Ion Ratio Lower Upper
91 100
92 51.5 26.2 78.6
134 25.6 12.9 38.6

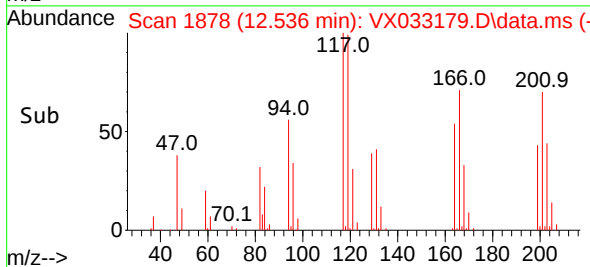
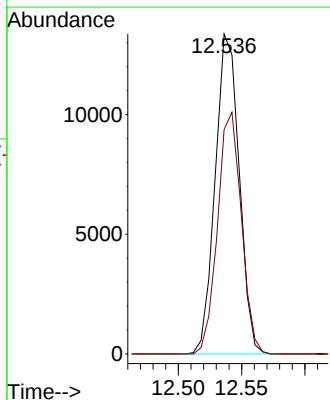
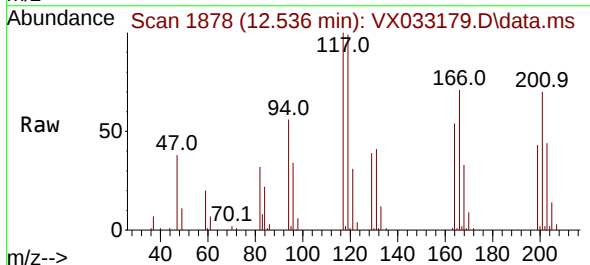
Manual Integrations
APPROVED

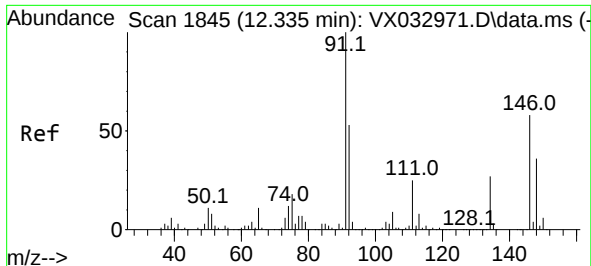
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#90
Hexachloroethane
Concen: 19.002 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

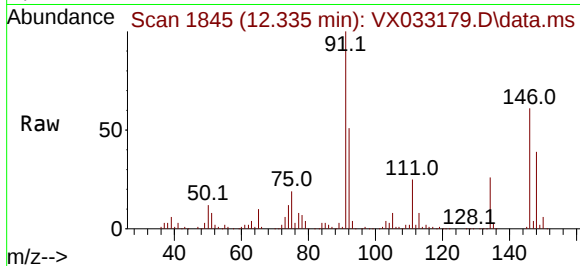
Tgt Ion:117 Resp: 17605
Ion Ratio Lower Upper
117 100
201 74.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 19.552 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

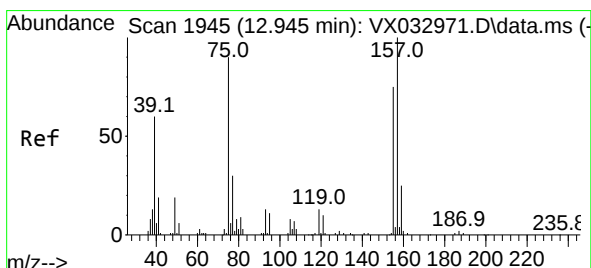
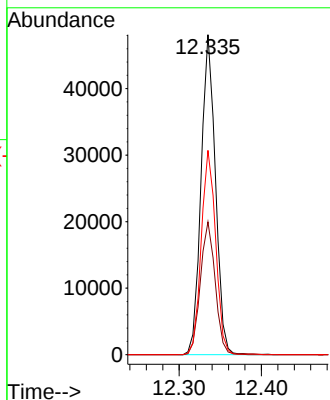
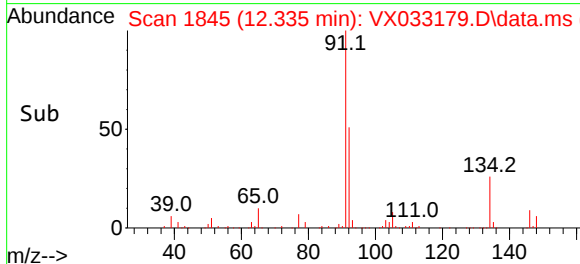
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



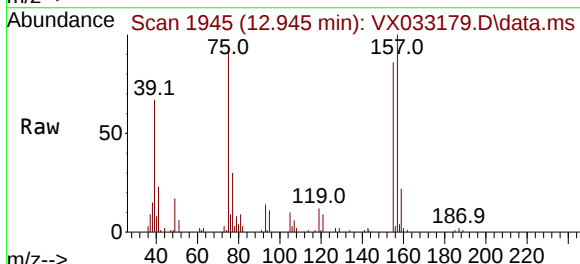
Tgt Ion:146 Resp: 58370
Ion Ratio Lower Upper
146 100
111 42.6 21.5 64.5
148 64.1 32.0 96.2

Manual Integrations
APPROVED

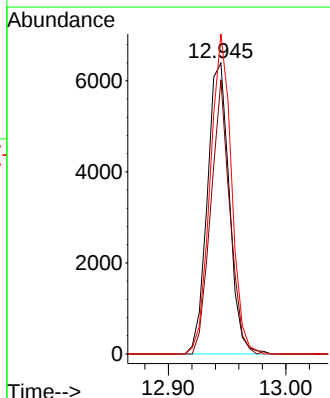
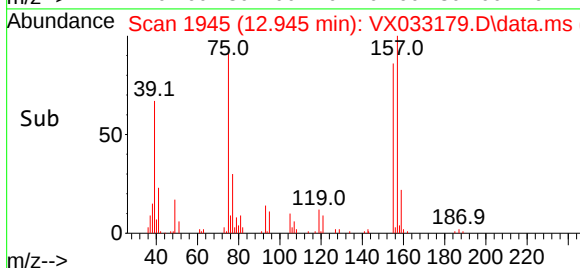
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

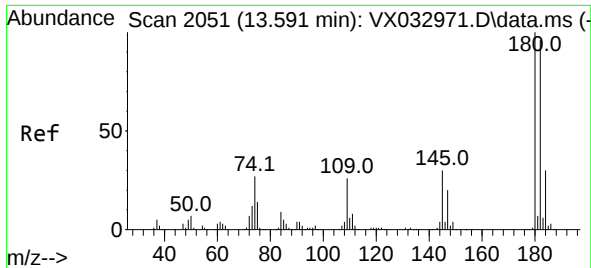


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.757 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



Tgt Ion: 75 Resp: 8316
Ion Ratio Lower Upper
75 100
155 82.0 41.6 124.8
157 106.3 54.1 162.4





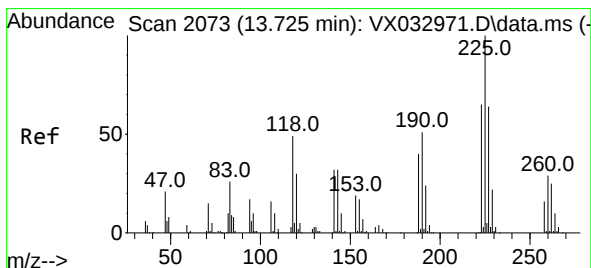
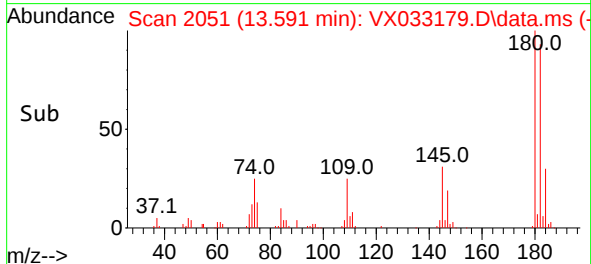
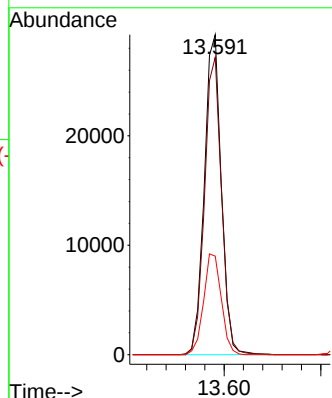
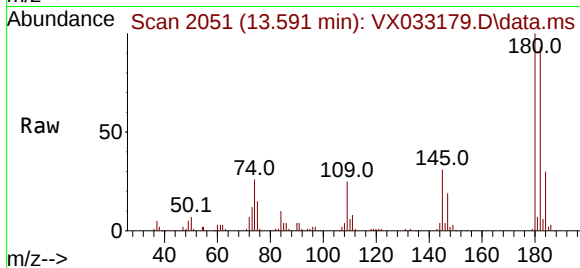
#93
1,2,4-Trichlorobenzene
Concen: 19.439 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Tgt Ion:180 Resp: 3577
Ion Ratio Lower Upper
180 100
182 93.1 48.4 145.0
145 32.8 16.2 48.5

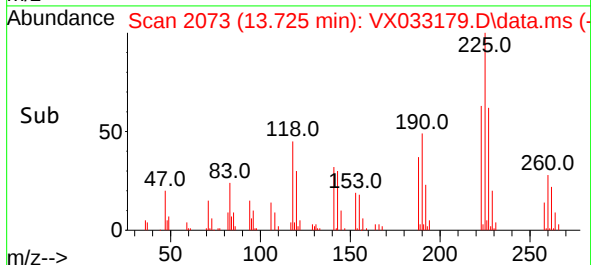
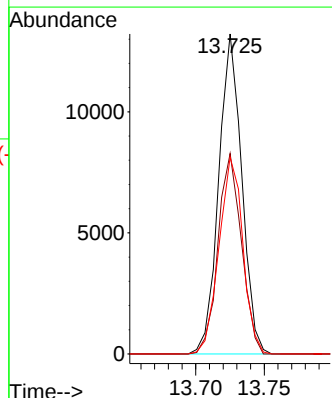
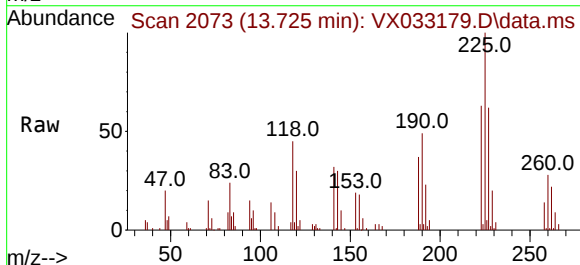
Manual Integrations
APPROVED

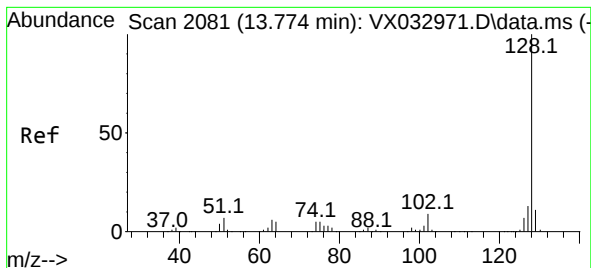
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#94
Hexachlorobutadiene
Concen: 19.000 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

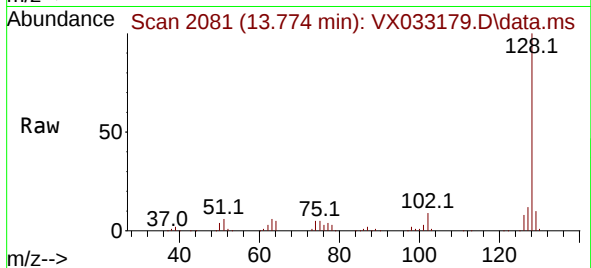
Tgt Ion:225 Resp: 15426
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.9
227 63.7 31.9 95.5





#95
Naphthalene
Concen: 19.896 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43

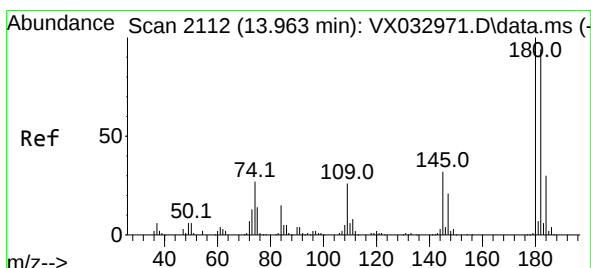
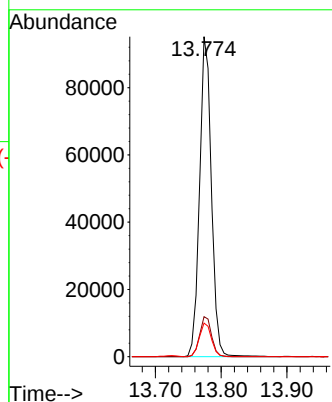
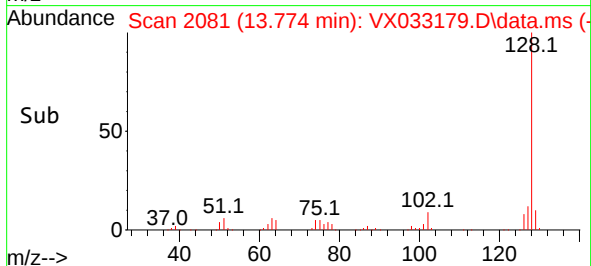
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01



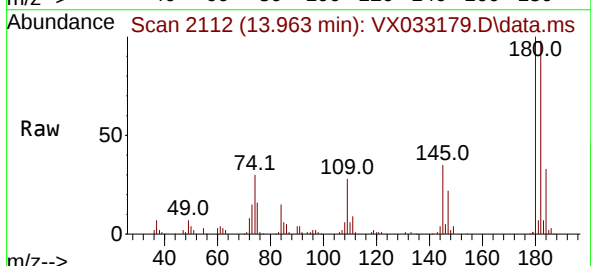
Tgt Ion:128 Resp: 118450
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.297 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033179.D
Acq: 02 Dec 2022 12:43



Tgt Ion:180 Resp: 35611
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 34.1 16.9 50.6

