

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043412.D
 Acq On : 15 Oct 2024 17:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

Quant Time: Oct 16 07:33:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	88539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79199	54.772	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.540%			
35) Dibromofluoromethane	5.385	113	57716	54.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.020%			
50) Toluene-d8	8.647	98	189314	51.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	11.079	95	72134	53.616	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53566	52.012	ug/l	95
3) Chloromethane	1.301	50	53342	50.291	ug/l	100
4) Vinyl Chloride	1.374	62	55802	52.523	ug/l	95
5) Bromomethane	1.599	94	21995	50.673	ug/l	99
6) Chloroethane	1.666	64	20289	51.282	ug/l	99
7) Trichlorofluoromethane	1.868	101	81699	51.467	ug/l	95
8) Diethyl Ether	2.136	74	33210	53.760	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	52492	52.989	ug/l	100
10) Methyl Iodide	2.447	142	66016	53.058	ug/l	99
11) Tert butyl alcohol	3.008	59	82743	300.707	ug/l	99
12) 1,1-Dichloroethene	2.313	96	49395	50.213	ug/l	99
13) Acrolein	2.239	56	56304	216.646	ug/l	99
14) Allyl chloride	2.660	41	83788	51.845	ug/l	99
15) Acrylonitrile	3.069	53	149979	266.931	ug/l	100
16) Acetone	2.392	43	155721	257.879	ug/l	100
17) Carbon Disulfide	2.502	76	104374	43.622	ug/l	98
18) Methyl Acetate	2.709	43	78782	52.007	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	195301	55.493	ug/l	99
20) Methylene Chloride	2.788	84	56767	50.986	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	52631	53.759	ug/l	97
22) Diisopropyl ether	3.770	45	177923	54.735	ug/l	88
23) Vinyl Acetate	3.721	43	809849	217.953	ug/l	99
24) 1,1-Dichloroethane	3.605	63	104903	55.395	ug/l	99
25) 2-Butanone	4.568	43	225920	272.862	ug/l	99
26) 2,2-Dichloropropane	4.471	77	96190	53.386	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	65610	53.735	ug/l	99
28) Bromochloromethane	4.898	49	35002	46.850	ug/l	98
29) Tetrahydrofuran	5.013	42	139969	265.370	ug/l	99
30) Chloroform	5.093	83	111144	53.444	ug/l	99
31) Cyclohexane	5.464	56	83094	53.257	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	102803	53.819	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71660	53.080	ug/l	99
37) Ethyl Acetate	4.721	43	86539	53.379	ug/l	99
38) Carbon Tetrachloride	5.672	117	84213	52.693	ug/l	99
39) Methylcyclohexane	7.379	83	90879	53.523	ug/l	99
40) Benzene	6.031	78	217941	53.246	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46629	55.253	ug/l	97
42) 1,2-Dichloroethane	6.086	62	91715	54.987	ug/l	100
43) Isopropyl Acetate	6.348	43	143921	53.746	ug/l	100
44) Trichloroethene	7.123	130	55774	51.374	ug/l	97
45) 1,2-Dichloropropane	7.428	63	53512	53.273	ug/l	96
46) Dibromomethane	7.580	93	43389	53.905	ug/l	98
47) Bromodichloromethane	7.824	83	82482	52.122	ug/l	99
48) Methyl methacrylate	7.696	41	71475	54.400	ug/l	98
49) 1,4-Dioxane	7.665	88	27764	1087.063	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	440786	271.027	ug/l	100
52) Toluene	8.714	92	133716	52.125	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	83759	53.265	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	89154	52.861	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	54218	53.181	ug/l	98
56) Ethyl methacrylate	9.116	69	92675	55.601	ug/l	99
57) 1,3-Dichloropropane	9.305	76	93920	54.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	209885	279.360	ug/l	99
59) 2-Hexanone	9.433	43	336582	273.671	ug/l	100
60) Dibromochloromethane	9.519	129	58299	49.292	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57117	52.145	ug/l	100
64) Tetrachloroethene	9.269	164	48726	53.093	ug/l	92
65) Chlorobenzene	10.079	112	146621	51.563	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	52183	51.899	ug/l	98
67) Ethyl Benzene	10.189	91	258740	52.644	ug/l	100
68) m/p-Xylenes	10.299	106	192242	103.501	ug/l	99
69) o-Xylene	10.640	106	96760	52.425	ug/l	99
70) Styrene	10.653	104	160328	53.601	ug/l	99
71) Bromoform	10.799	173	38707	50.254	ug/l #	97
73) Isopropylbenzene	10.963	105	251401	51.701	ug/l	99
74) N-amyl acetate	10.842	43	121456	52.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	83319	52.597	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	71064m	51.225	ug/l	
77) Bromobenzene	11.195	156	59691	50.442	ug/l	99
78) n-propylbenzene	11.305	91	280839	52.610	ug/l	99
79) 2-Chlorotoluene	11.366	91	174255	50.775	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206950	51.593	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26694	49.868	ug/l	95
82) 4-Chlorotoluene	11.451	91	200411	51.263	ug/l	100
83) tert-Butylbenzene	11.713	119	209633	50.728	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	208886	51.757	ug/l	99
85) sec-Butylbenzene	11.890	105	253975	51.843	ug/l	99
86) p-Isopropyltoluene	12.006	119	214976	52.598	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	107091	51.374	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	105259	48.978	ug/l	99
89) n-Butylbenzene	12.329	91	184429	53.899	ug/l	99
90) Hexachloroethane	12.536	117	37657	49.127	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	109172	51.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19505	50.432	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64598	52.562	ug/l	100
94) Hexachlorobutadiene	13.725	225	26154	53.682	ug/l	97
95) Naphthalene	13.774	128	232518	51.465	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65922	51.988	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

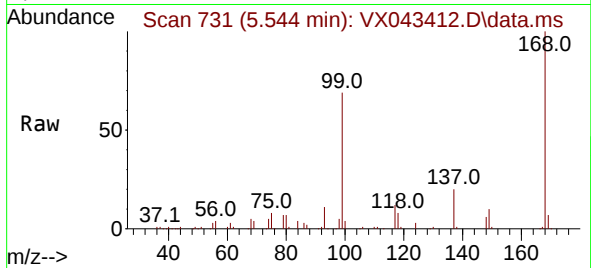
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

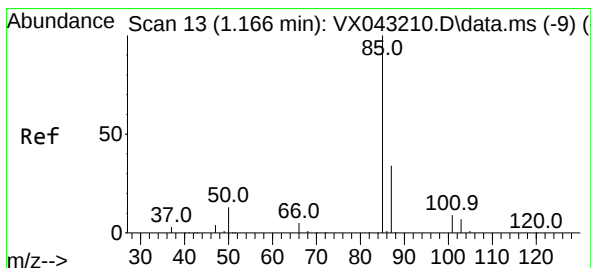
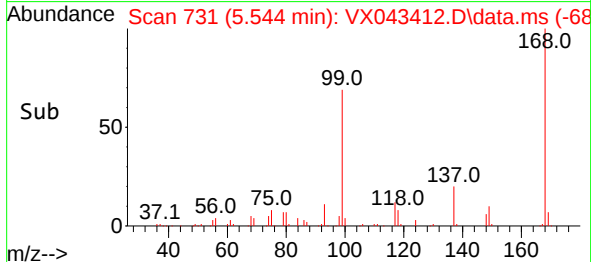
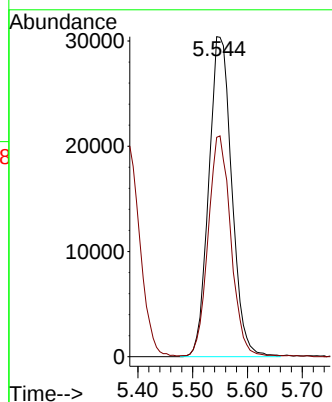
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 88539
Ion Ratio Lower Upper
168 100
99 68.3 49.7 74.5

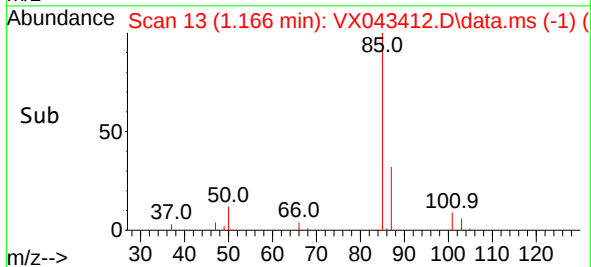
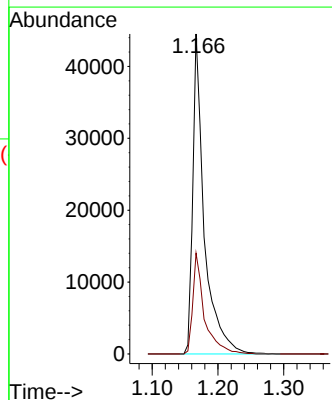
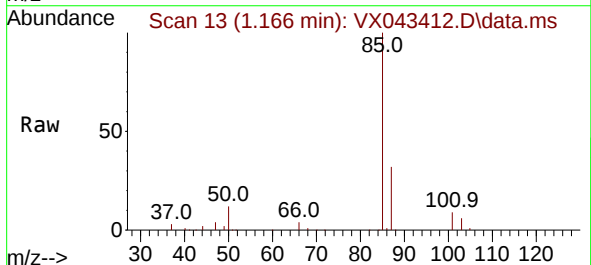
Manual Integrations
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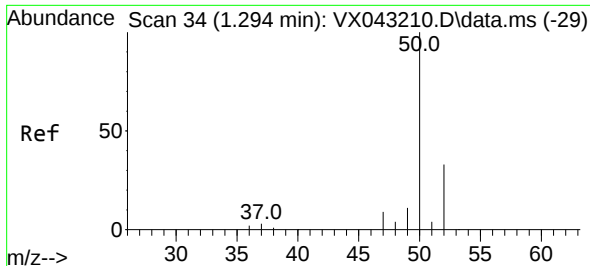
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#2
Dichlorodifluoromethane
Concen: 52.012 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion: 85 Resp: 53566
Ion Ratio Lower Upper
85 100
87 31.5 17.1 51.2





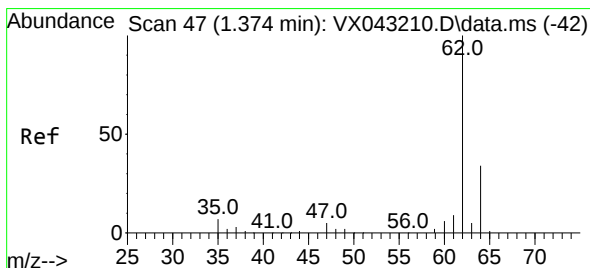
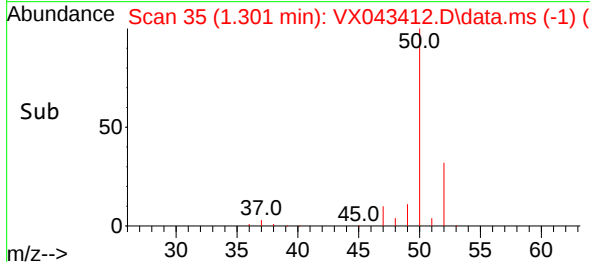
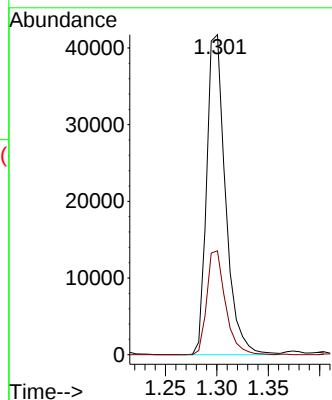
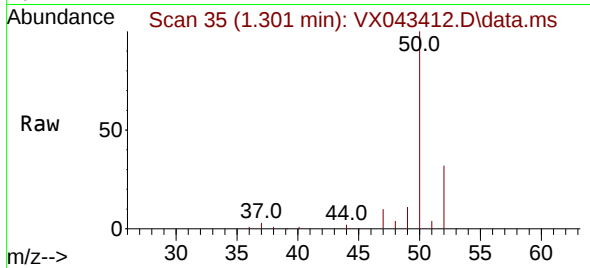
#3
Chloromethane
Concen: 50.291 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 5334
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1

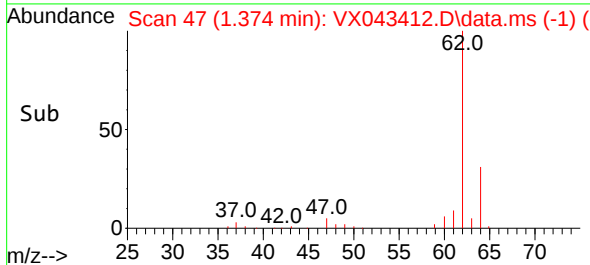
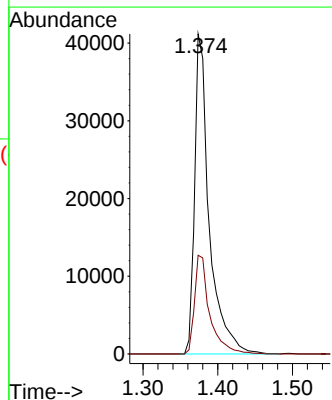
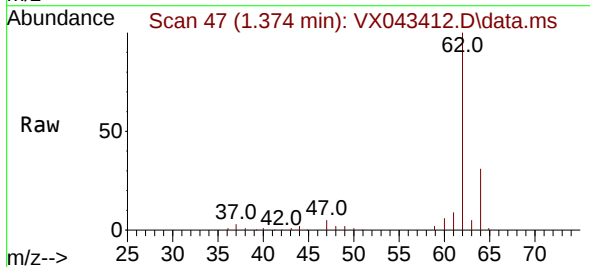
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#4
Vinyl Chloride
Concen: 52.523 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

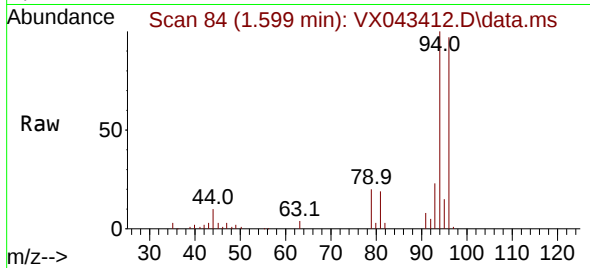
Tgt Ion: 62 Resp: 55802
Ion Ratio Lower Upper
62 100
64 30.9 26.8 40.2





#5
Bromomethane
Concen: 50.673 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

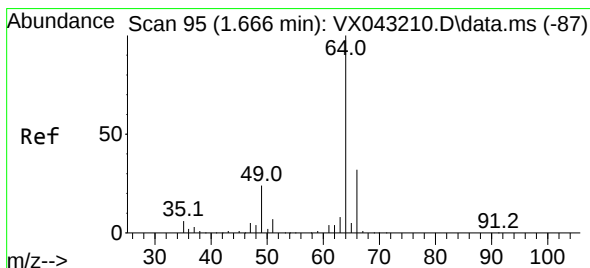
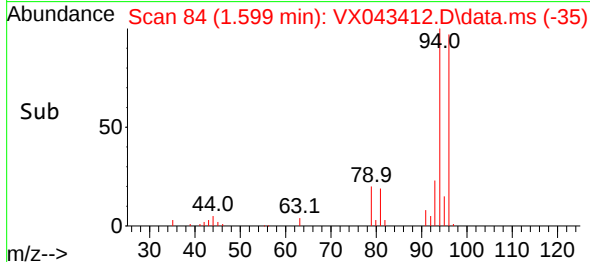
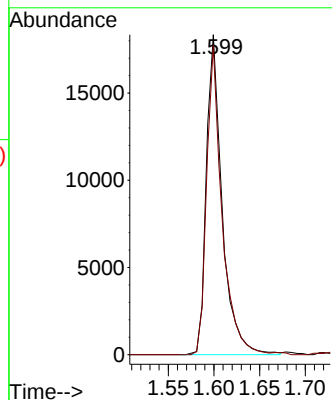
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 2199
Ion Ratio Lower Upper
94 100
96 96.6 76.6 115.0

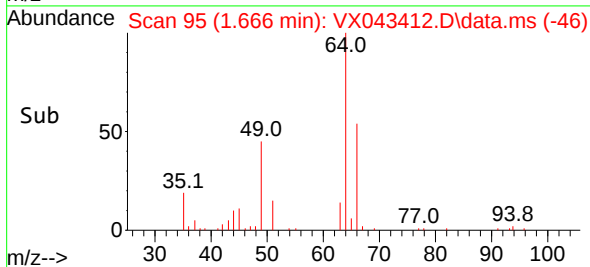
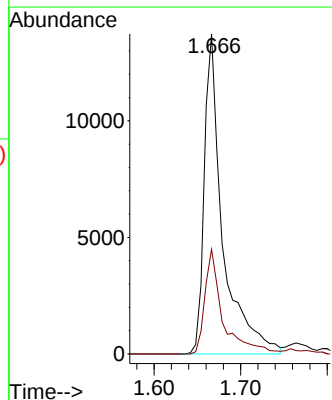
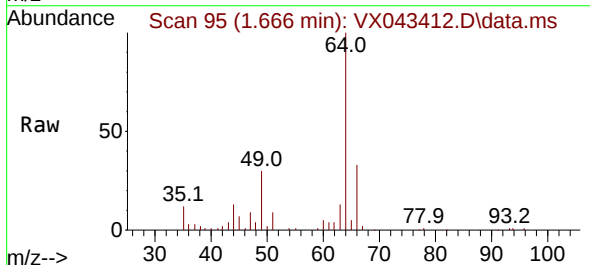
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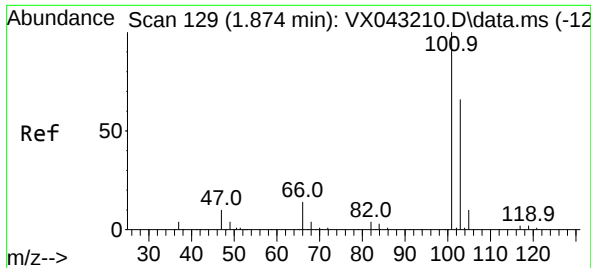
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#6
Chloroethane
Concen: 51.282 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

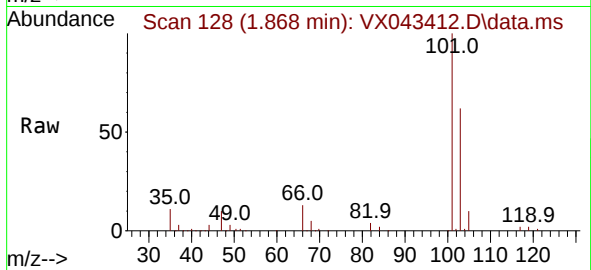
Tgt Ion: 64 Resp: 20289
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.8





#7
Trichlorofluoromethane
Concen: 51.467 ug/l
RT: 1.868 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

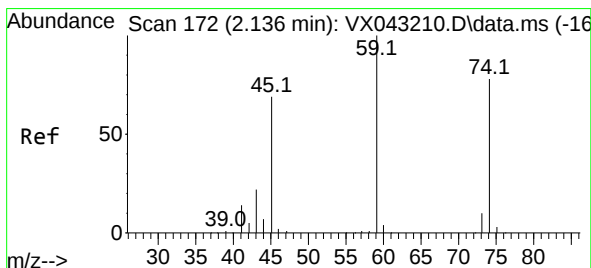
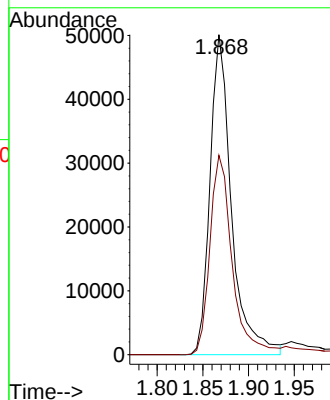
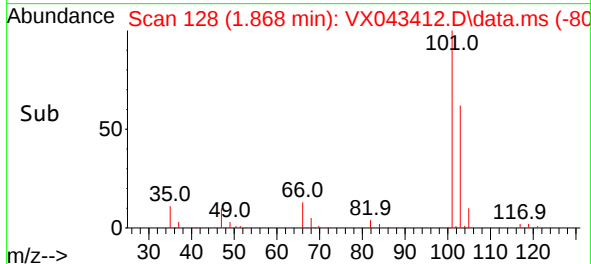
Instrument :
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Tgt Ion:101 Resp: 81699
Ion Ratio Lower Upper
101 100
103 62.3 52.7 79.1

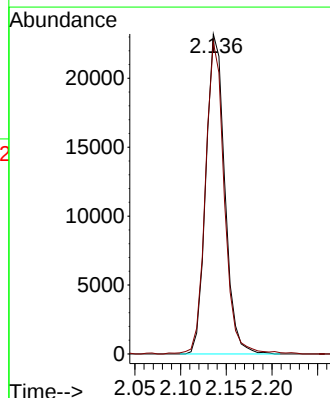
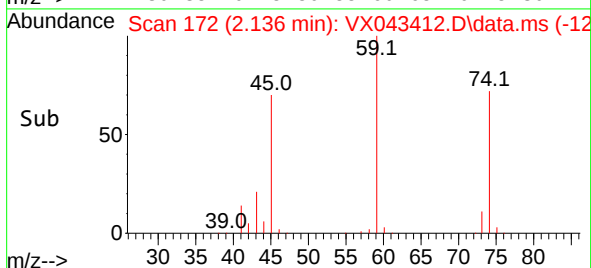
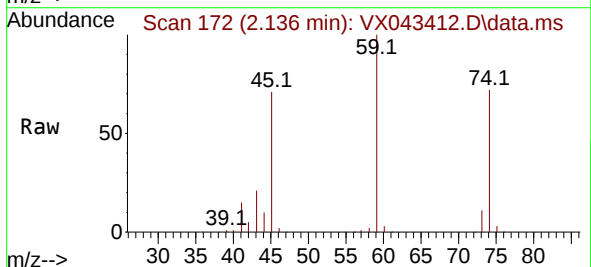
Manual Integrations
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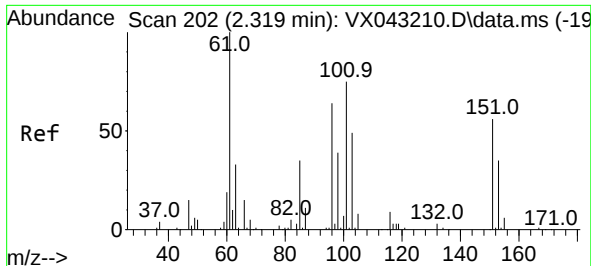
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#8
Diethyl Ether
Concen: 53.760 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

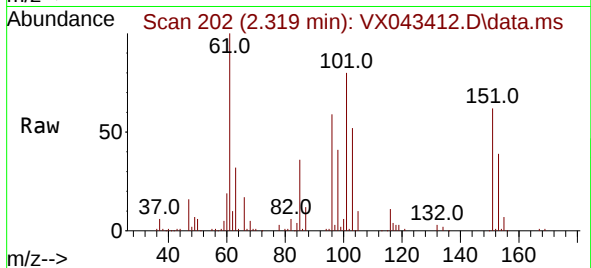
Tgt Ion: 74 Resp: 33210
Ion Ratio Lower Upper
74 100
45 98.3 47.1 141.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.989 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

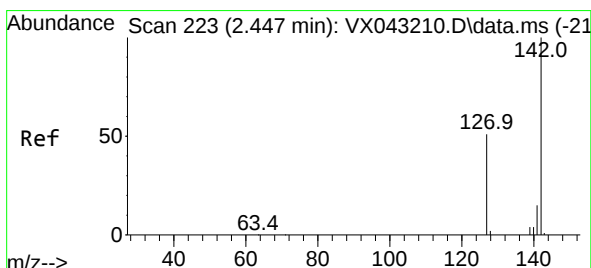
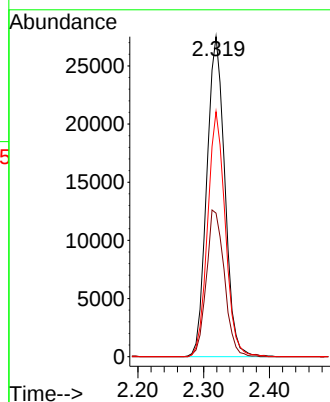
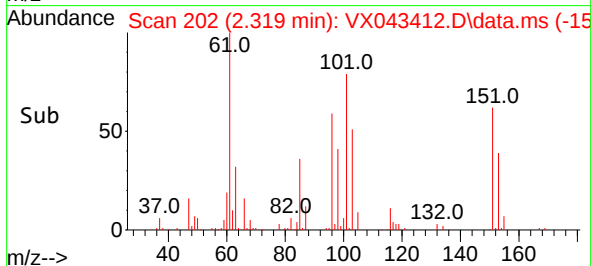
Instrument :
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Tgt Ion:101 Resp: 52492
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 74.8 60.0 90.0

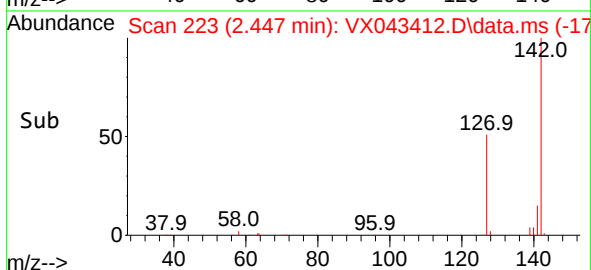
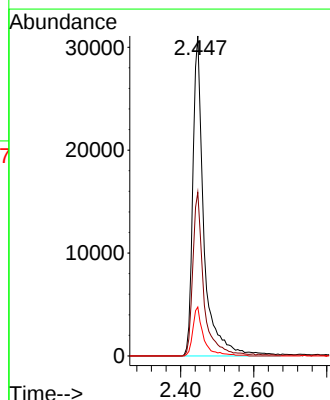
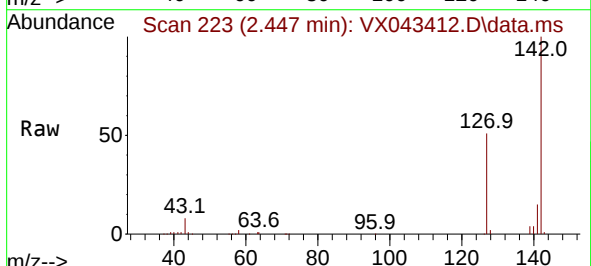
Manual Integrations
APPROVED

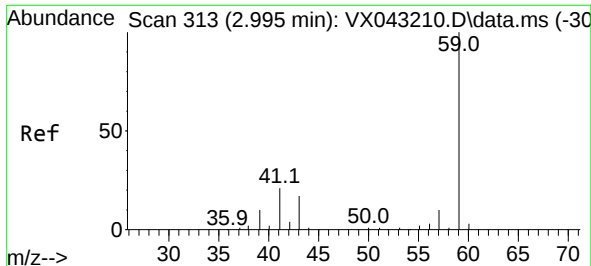
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#10
Methyl Iodide
Concen: 53.058 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion:142 Resp: 66016
Ion Ratio Lower Upper
142 100
127 50.3 39.8 59.8
141 14.6 11.6 17.4





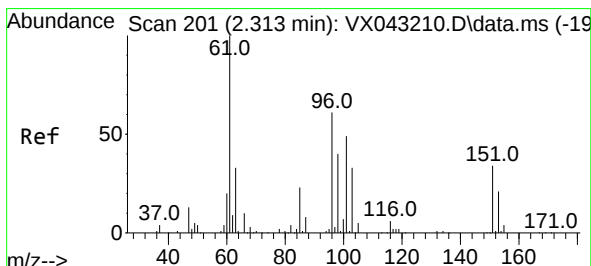
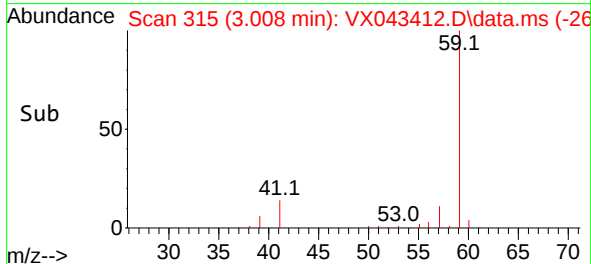
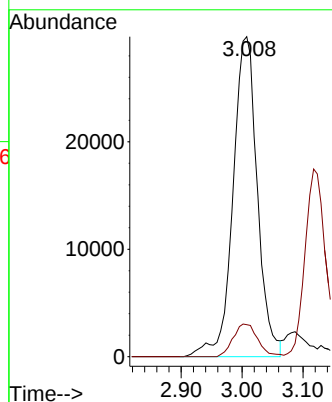
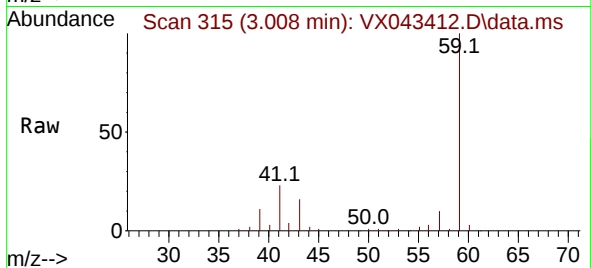
#11
Tert butyl alcohol
Concen: 300.707 ug/l
RT: 3.008 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 8274
Ion Ratio Lower Upper
59 100
57 10.4 8.6 13.0

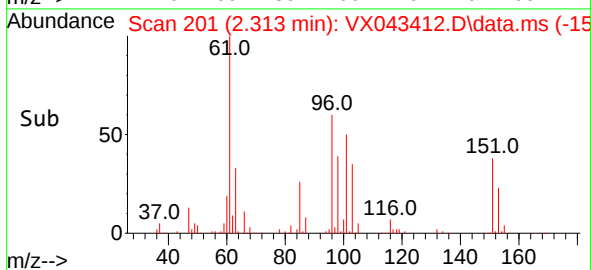
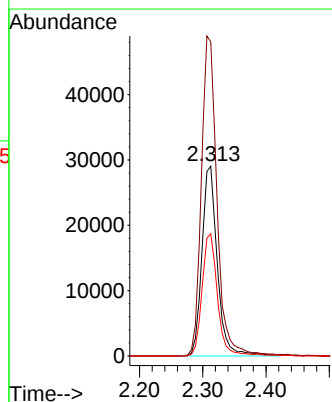
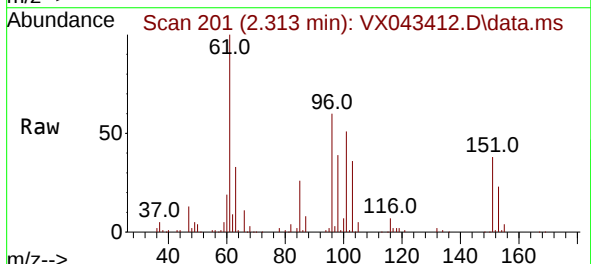
Manual Integrations
APPROVED

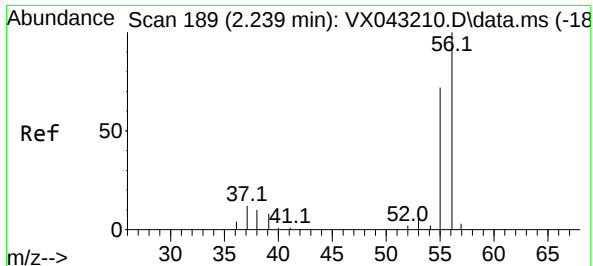
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#12
1,1-Dichloroethene
Concen: 50.213 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

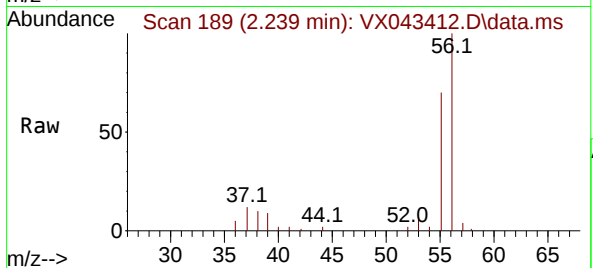
Tgt Ion: 96 Resp: 49395
Ion Ratio Lower Upper
96 100
61 165.6 130.6 195.8
98 64.4 51.7 77.5





#13
Acrolein
Concen: 216.646 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

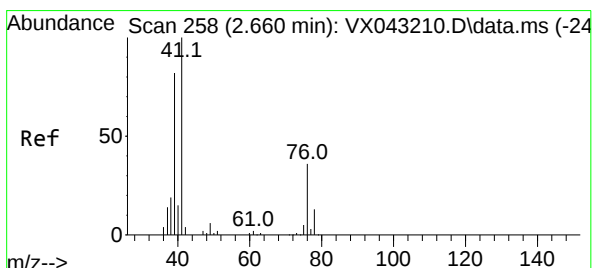
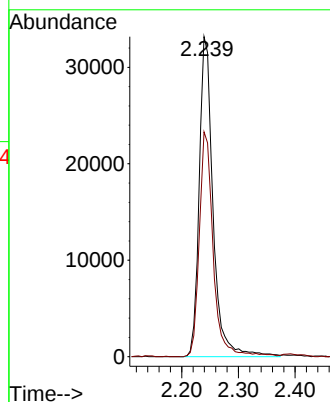
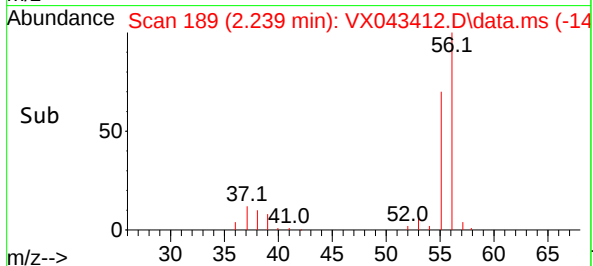
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 56304
Ion Ratio Lower Upper
56 100
55 70.8 57.4 86.0

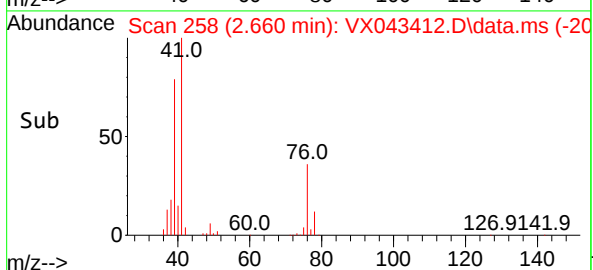
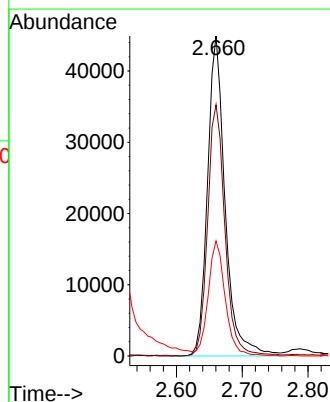
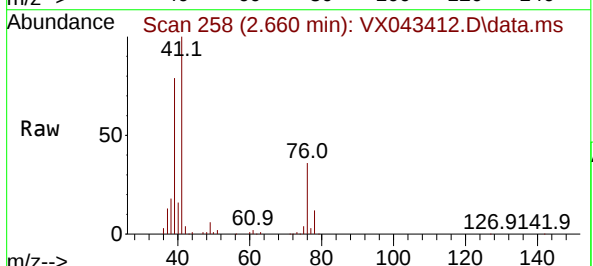
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#14
Allyl chloride
Concen: 51.845 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

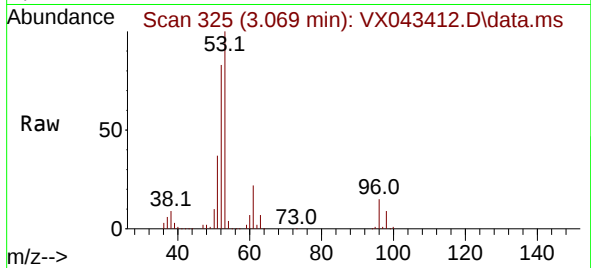
Tgt Ion: 41 Resp: 83788
Ion Ratio Lower Upper
41 100
39 77.2 61.7 92.5
76 35.0 28.6 43.0





#15
Acrylonitrile
Concen: 266.931 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

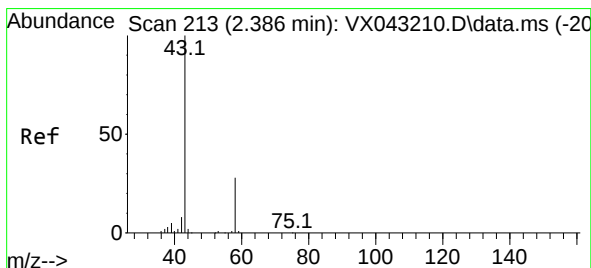
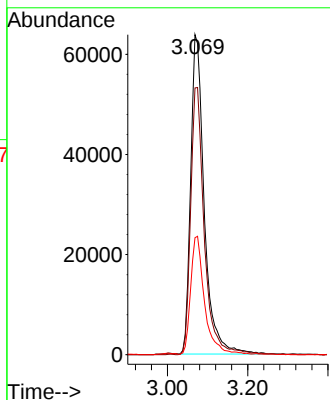
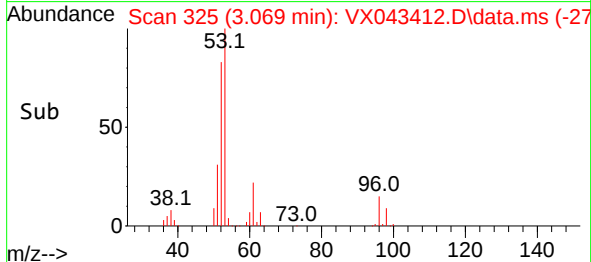
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 149979
Ion Ratio Lower Upper
53 100
52 84.3 67.6 101.4
51 37.4 30.3 45.5

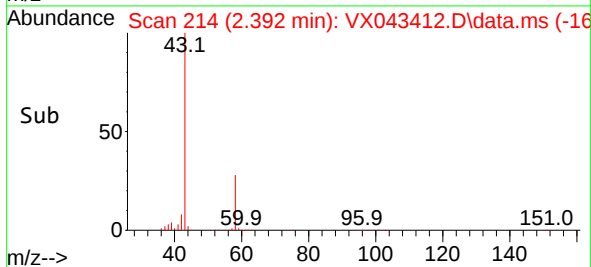
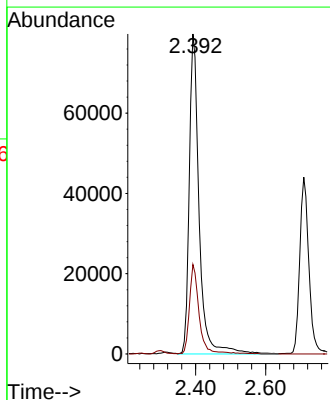
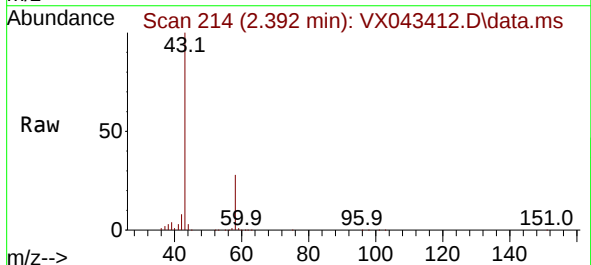
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#16
Acetone
Concen: 257.879 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion: 43 Resp: 155721
Ion Ratio Lower Upper
43 100
58 28.0 22.6 33.8





#17

Carbon Disulfide

Concen: 43.622 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 104374

Ion Ratio Lower Upper

76 100

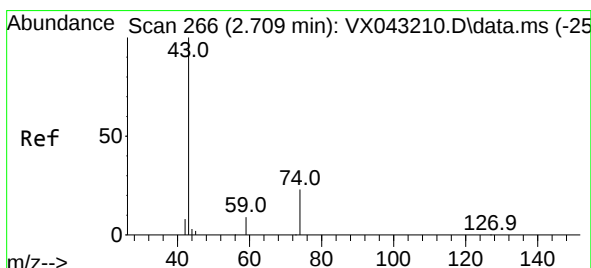
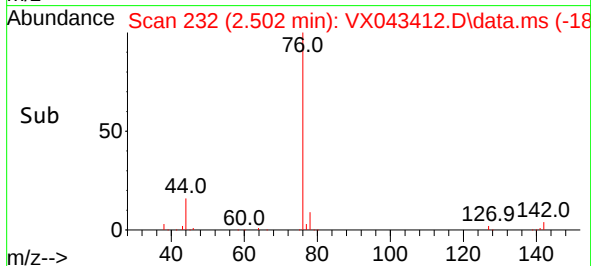
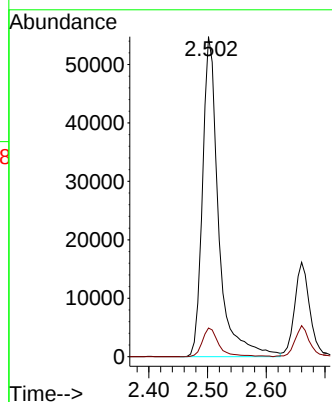
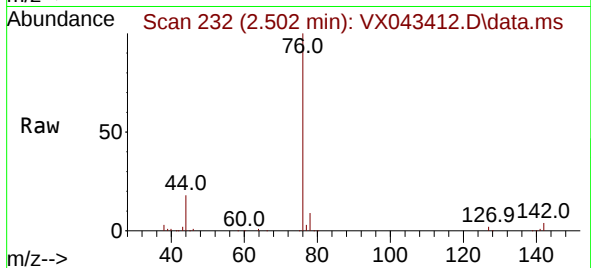
78 8.9 6.7 10.1

Manual Integrations

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Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#18

Methyl Acetate

Concen: 52.007 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX043412.D

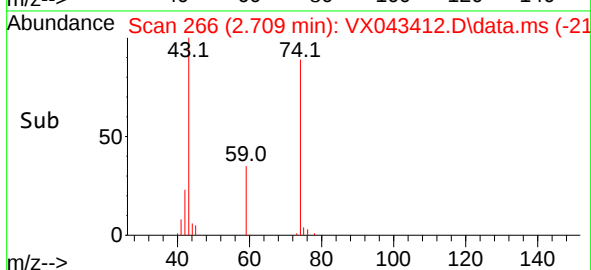
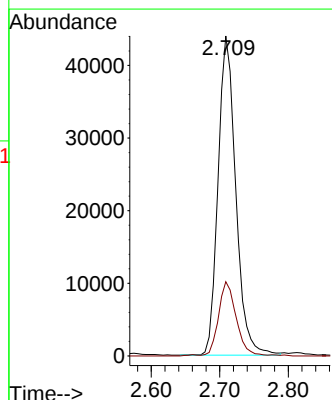
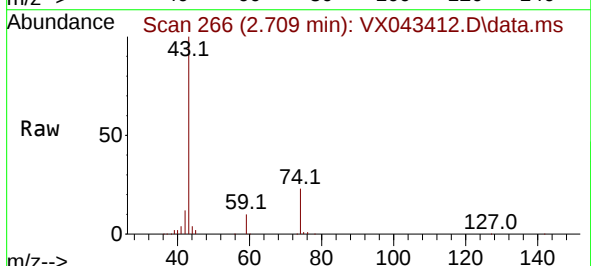
Acq: 15 Oct 2024 17:47

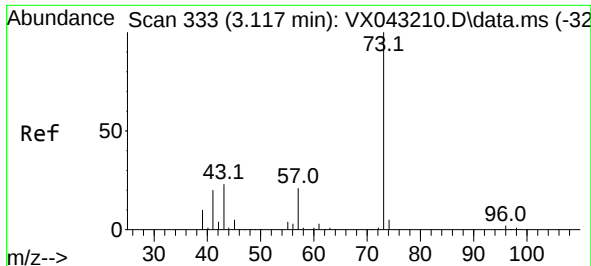
Tgt Ion: 43 Resp: 78782

Ion Ratio Lower Upper

43 100

74 22.5 19.1 28.7





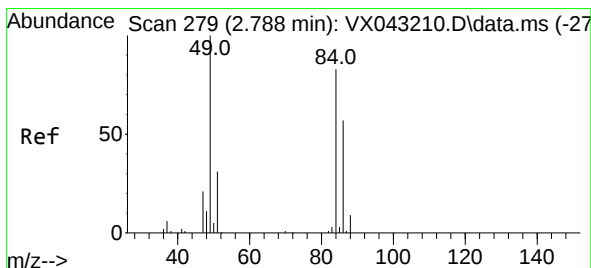
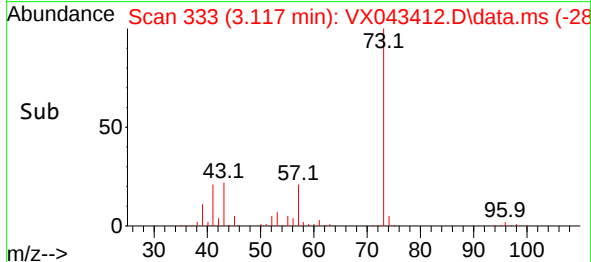
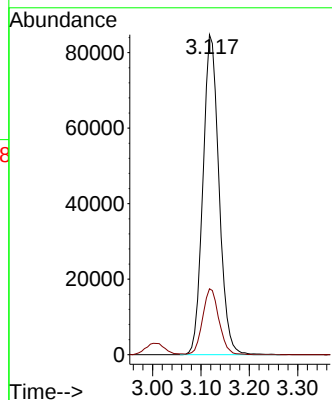
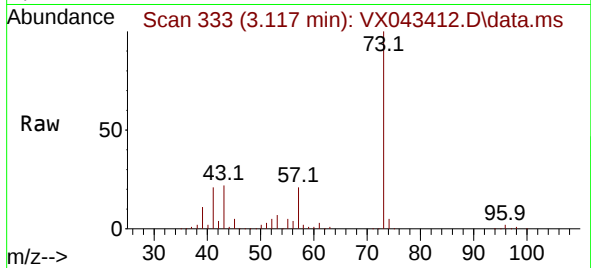
#19
Methyl tert-butyl Ether
Concen: 55.493 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 19530
Ion Ratio Lower Upper
73 100
57 20.6 16.7 25.1

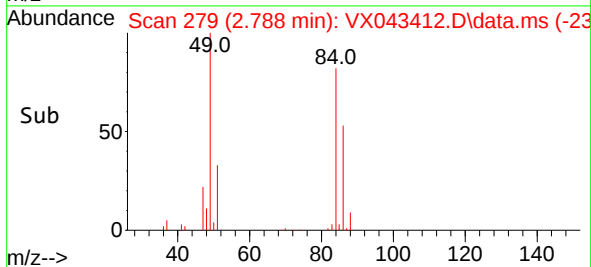
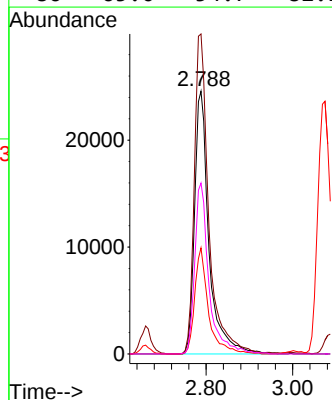
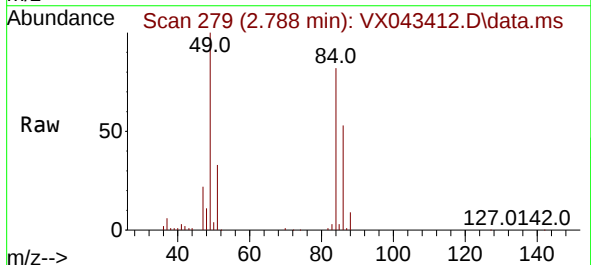
Manual Integrations
APPROVED

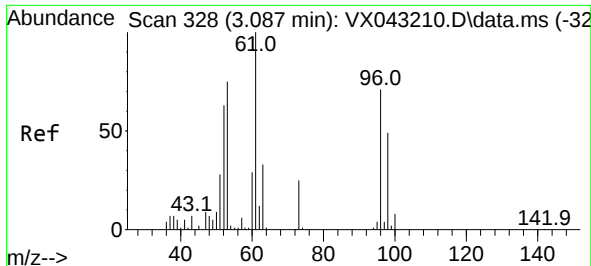
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#20
Methylene Chloride
Concen: 50.986 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

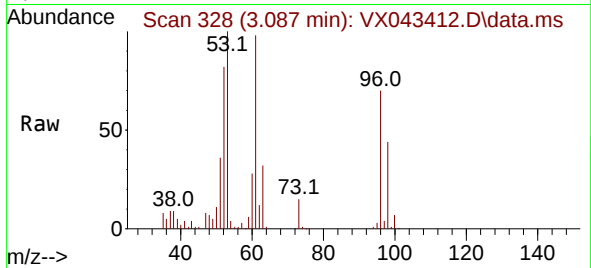
Tgt Ion: 84 Resp: 56767
Ion Ratio Lower Upper
84 100
49 121.8 96.7 145.1
51 40.3 30.4 45.6
86 65.0 54.7 82.1





#21
trans-1,2-Dichloroethene
Concen: 53.759 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

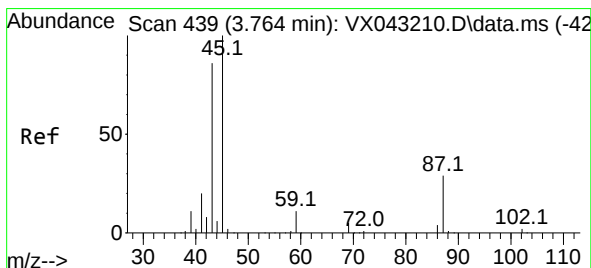
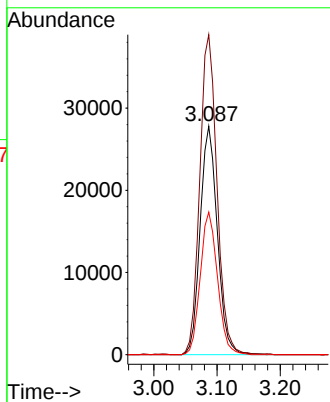
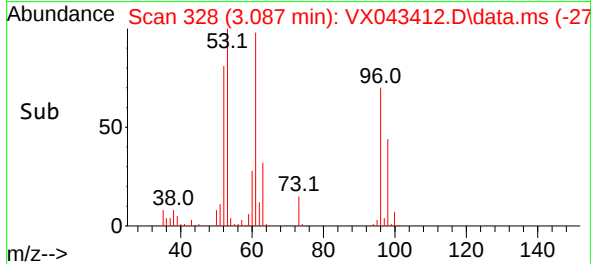
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



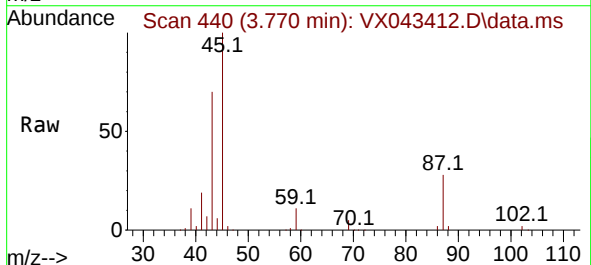
Tgt Ion: 96 Resp: 5263
Ion Ratio Lower Upper
96 100
61 140.1 112.3 168.5
98 62.4 54.6 82.0

Manual Integrations
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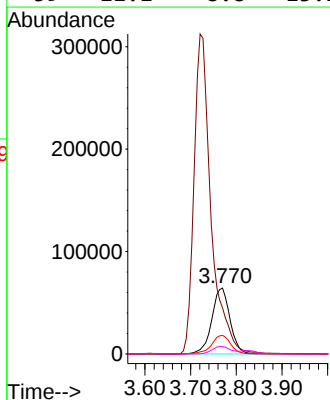
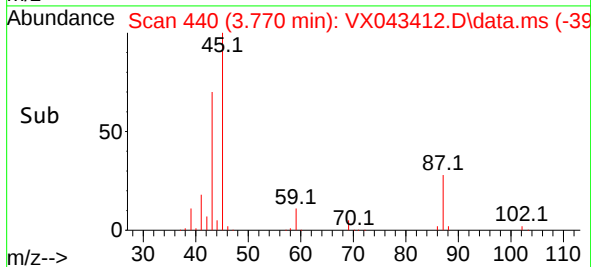
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#22
Diisopropyl ether
Concen: 54.735 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47



Tgt Ion: 45 Resp: 177923
Ion Ratio Lower Upper
45 100
43 70.2 68.5 102.7
87 28.1 23.0 34.4
59 11.1 8.8 13.2





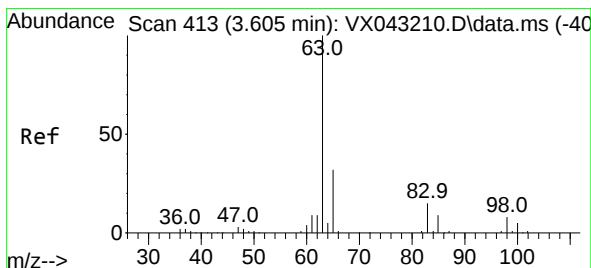
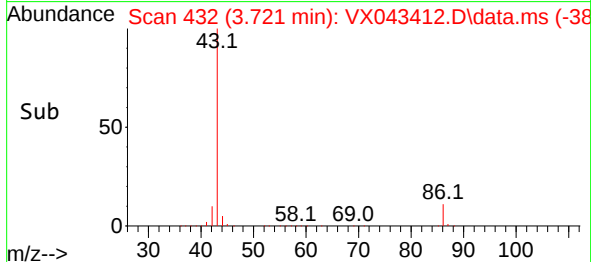
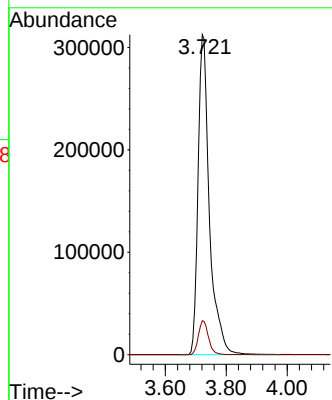
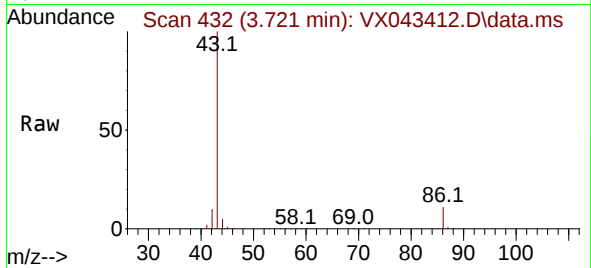
#23
 Vinyl Acetate
 Concen: 217.953 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043412.D
 Acq: 15 Oct 2024 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 809849
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2

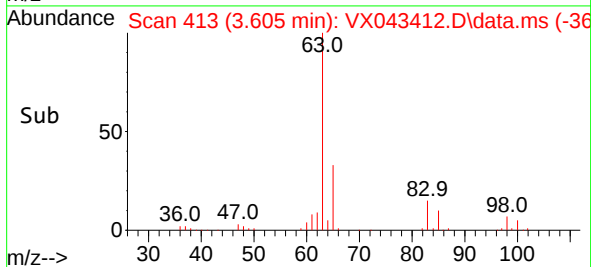
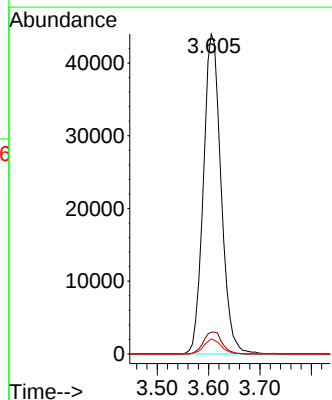
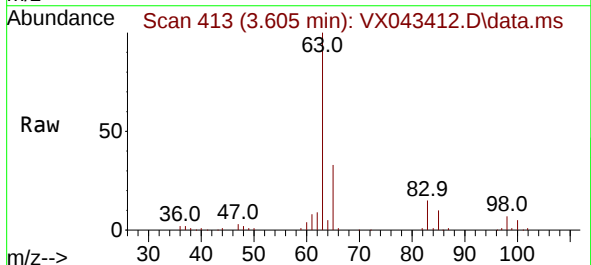
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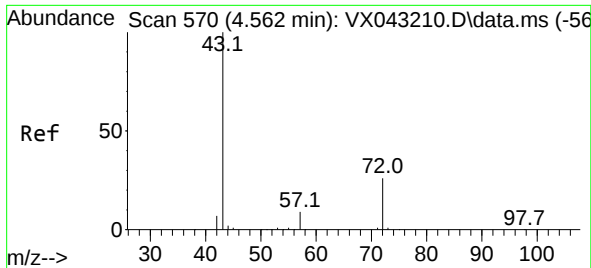
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024



#24
 1,1-Dichloroethane
 Concen: 55.395 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX043412.D
 Acq: 15 Oct 2024 17:47

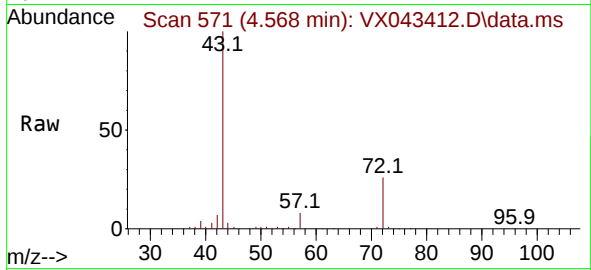
Tgt Ion: 63 Resp: 104903
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 272.862 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

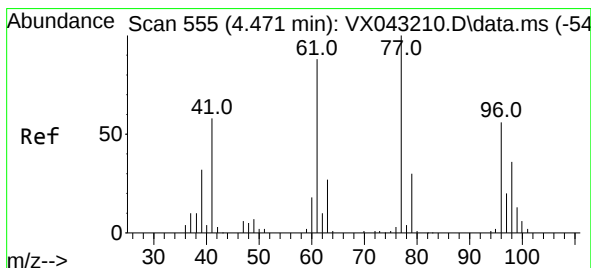
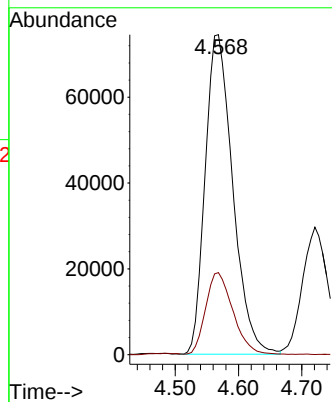
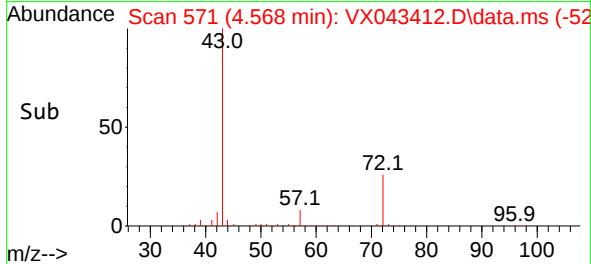
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 225920
Ion Ratio Lower Upper
43 100
72 25.5 20.6 31.0

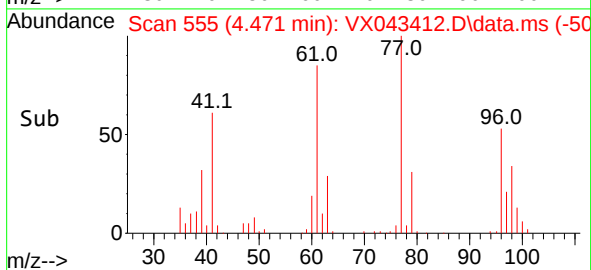
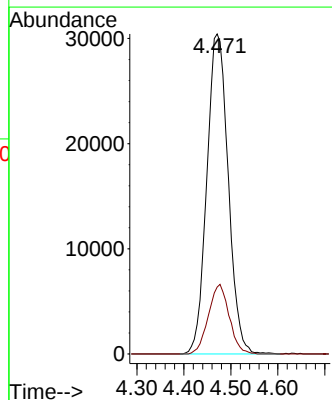
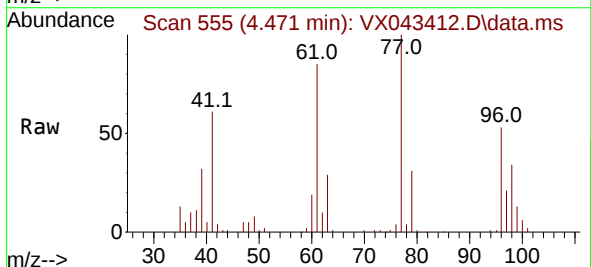
Manual Integrations
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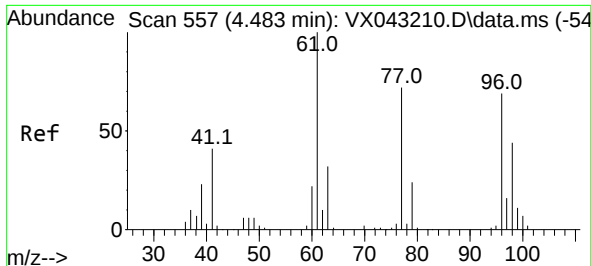
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#26
2,2-Dichloropropane
Concen: 53.386 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion: 77 Resp: 96190
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.735 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 65610

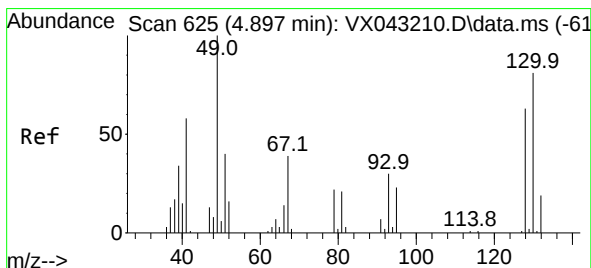
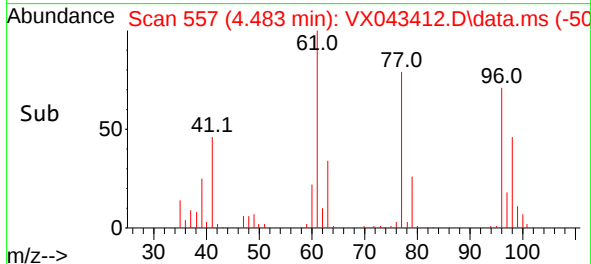
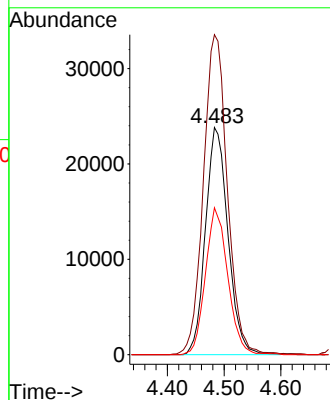
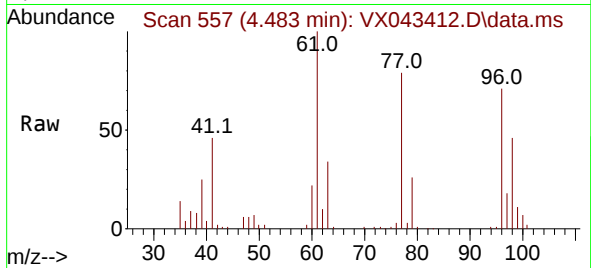
Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	298.2
98	64.3	0.0	128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#28

Bromochloromethane

Concen: 46.850 ug/l

RT: 4.898 min Scan# 625

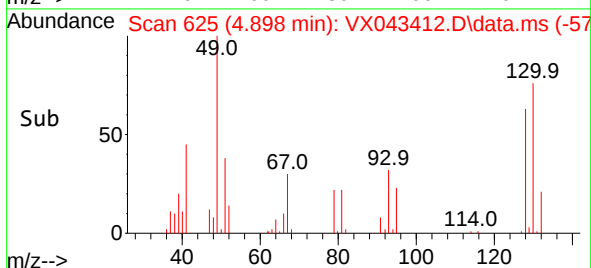
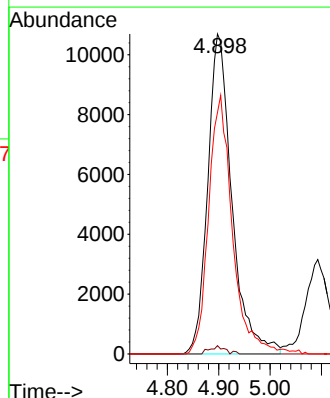
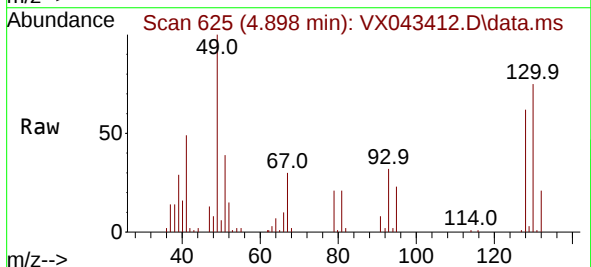
Delta R.T. 0.000 min

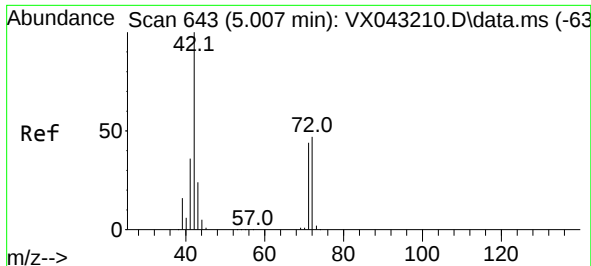
Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Tgt Ion: 49 Resp: 35002

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	79.8	65.5	98.3





#29

Tetrahydrofuran

Concen: 265.370 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 139969

Ion Ratio Lower Upper

42 100

72 46.2 37.7 56.5

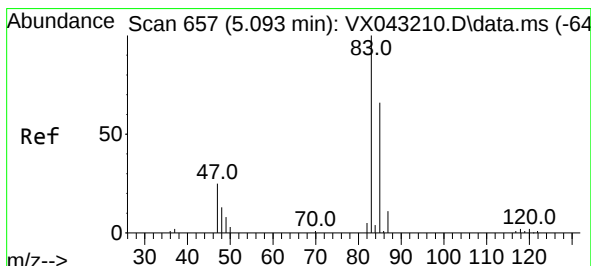
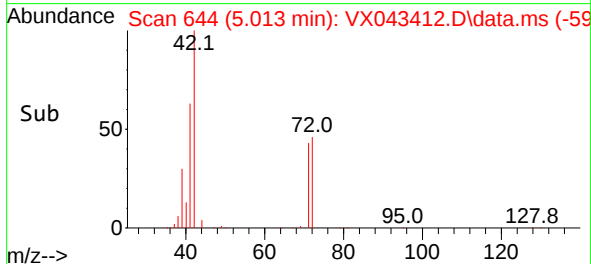
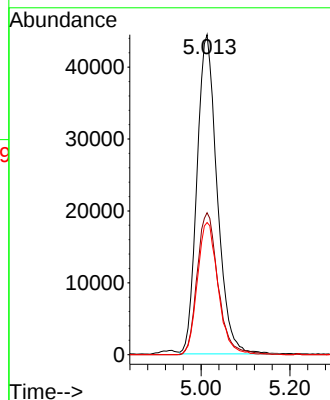
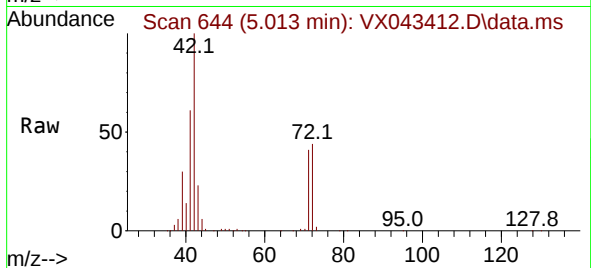
71 42.5 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#30

Chloroform

Concen: 53.444 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX043412.D

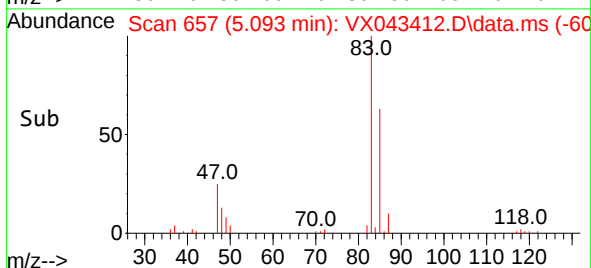
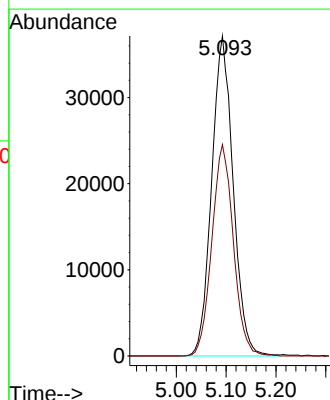
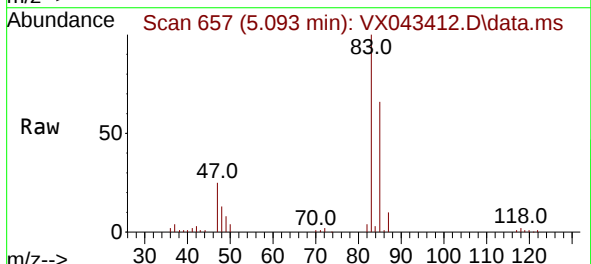
Acq: 15 Oct 2024 17:47

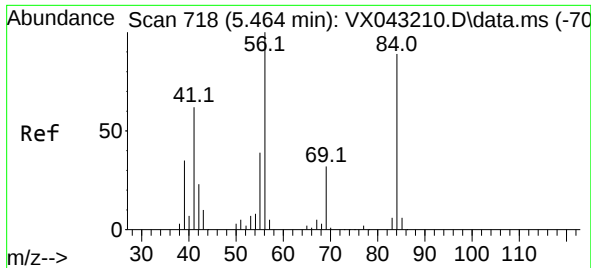
Tgt Ion: 83 Resp: 111144

Ion Ratio Lower Upper

83 100

85 66.0 52.5 78.7





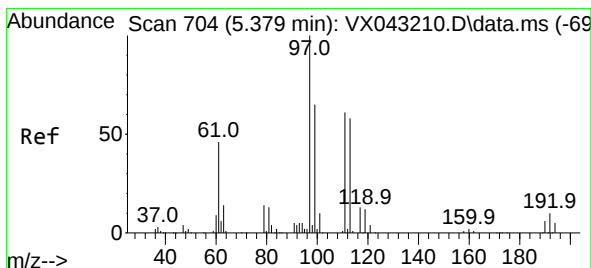
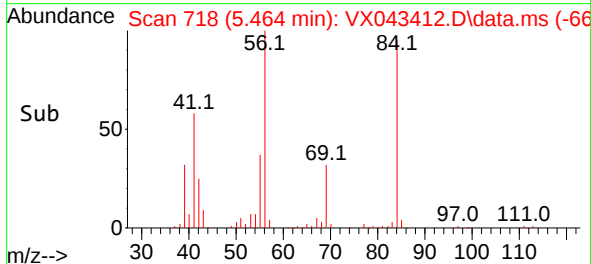
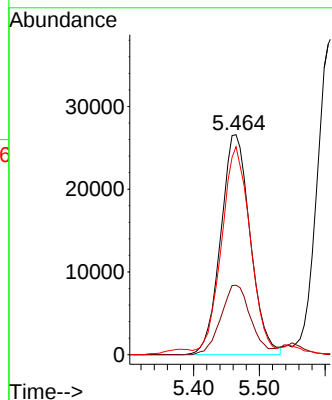
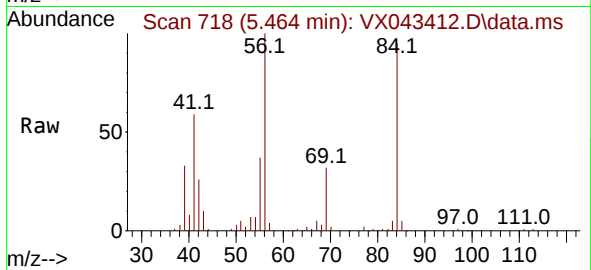
#31
Cyclohexane
Concen: 53.257 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 83094
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.6
84 92.1 71.1 106.7

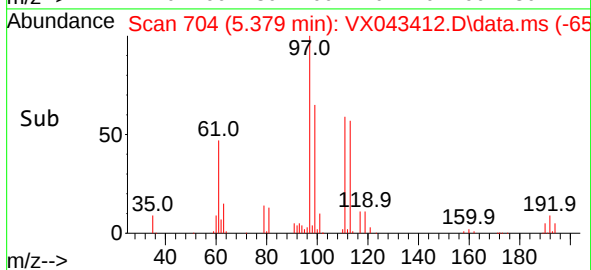
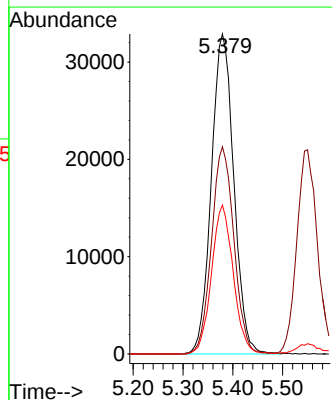
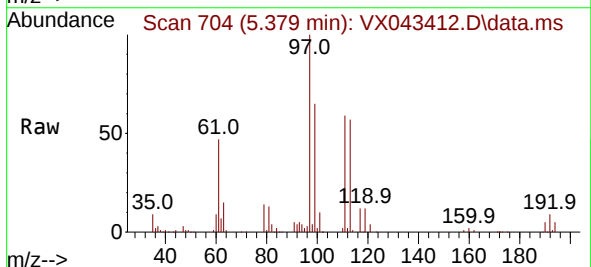
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#32
1,1,1-Trichloroethane
Concen: 53.819 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion: 97 Resp: 102803
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 45.1 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 54.772 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 79199

Ion Ratio Lower Upper

65 100

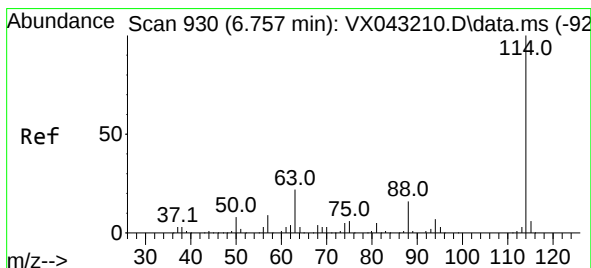
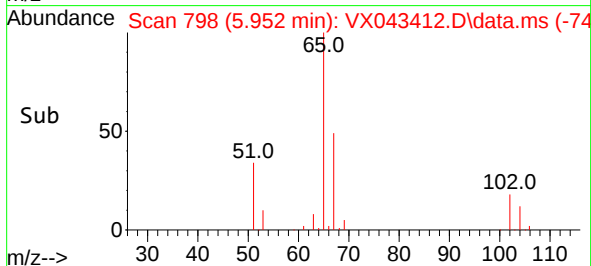
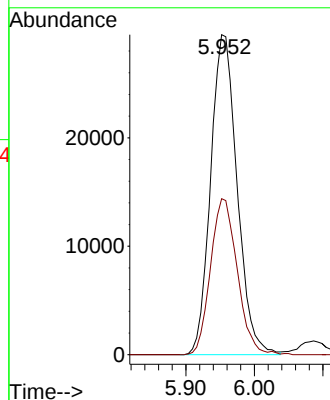
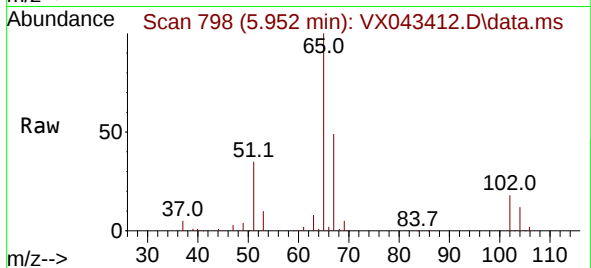
67 49.2 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

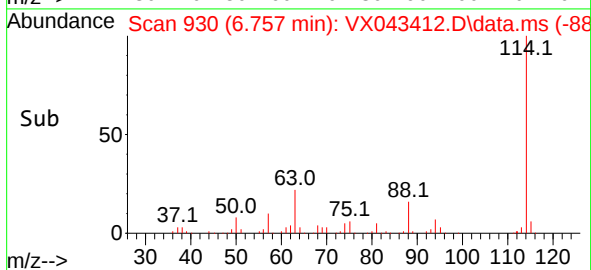
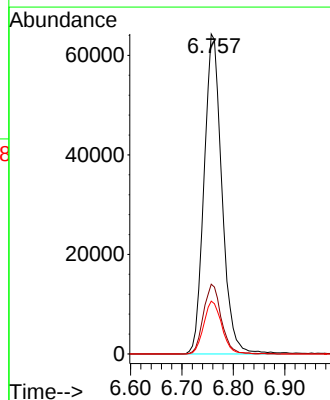
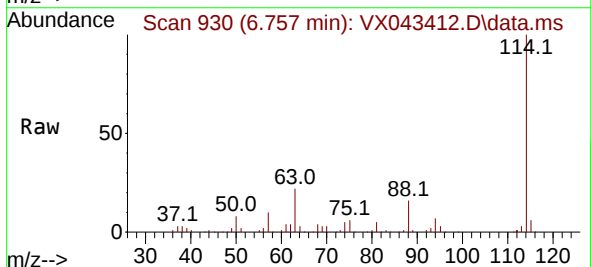
Tgt Ion:114 Resp: 154955

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.009 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043412.D

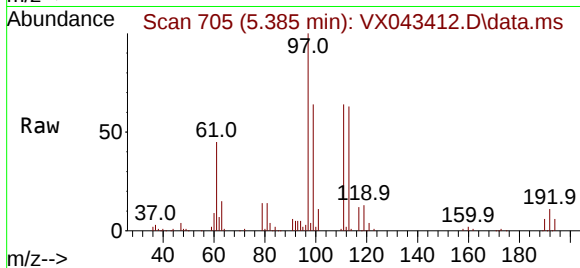
Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



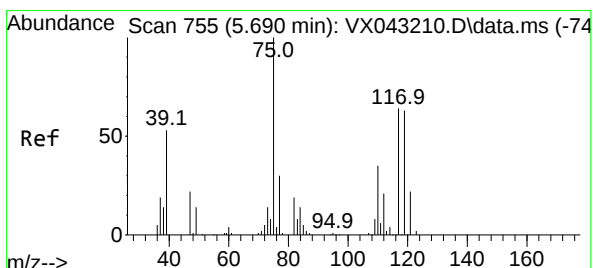
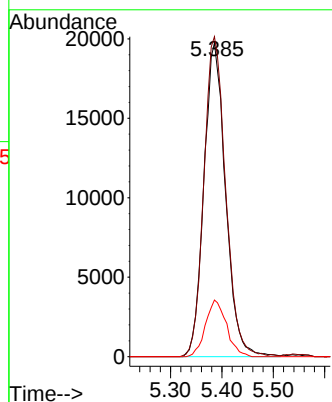
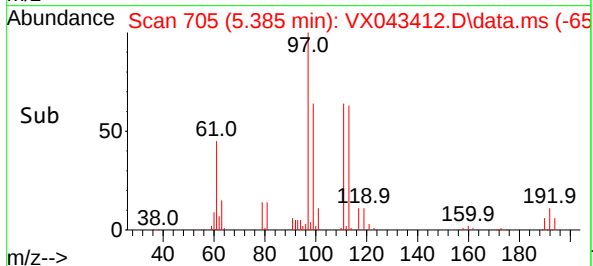
Tgt Ion:	113	Resp:	57710
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.0
192	17.6	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#36

1,1-Dichloropropene

Concen: 53.080 ug/l

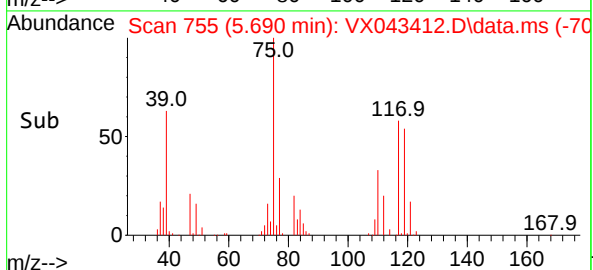
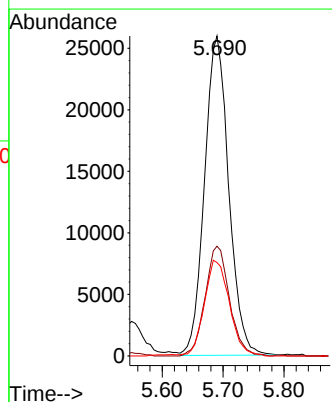
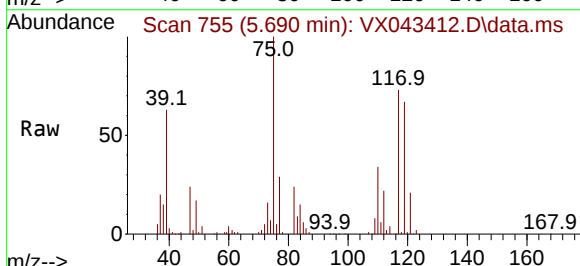
RT: 5.690 min Scan# 755

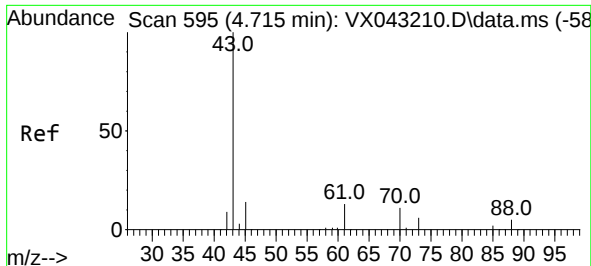
Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

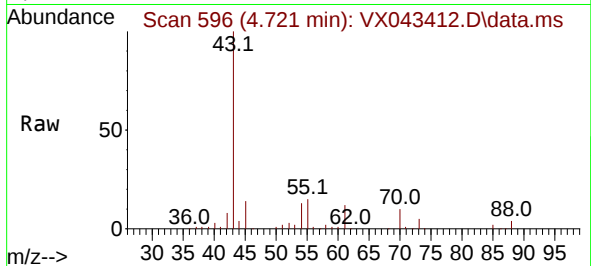
Tgt Ion:	75	Resp:	71660
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.8	53.3
77	31.4	24.9	37.3





#37
Ethyl Acetate
Concen: 53.379 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

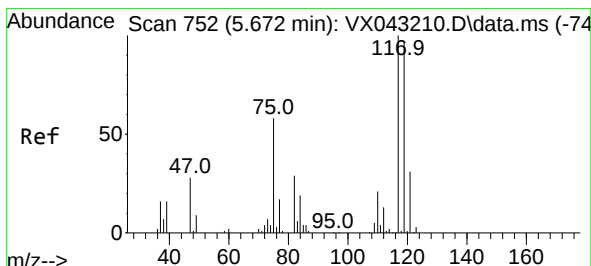
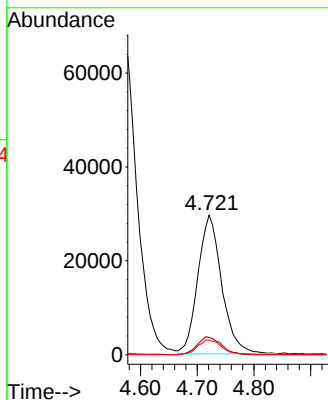
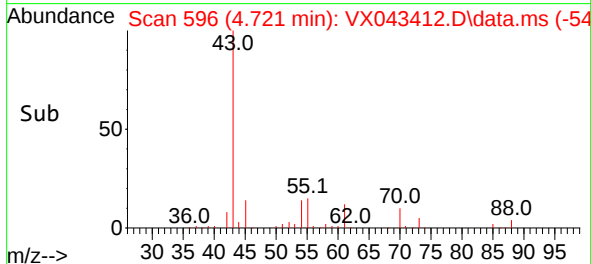
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 86539
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.4
70 10.7 8.9 13.3

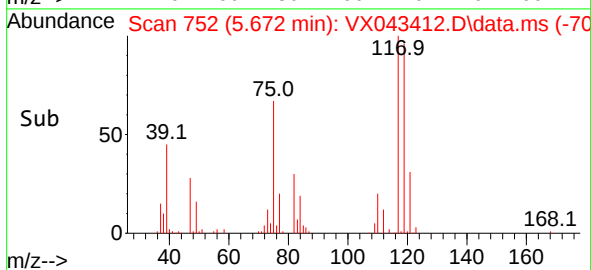
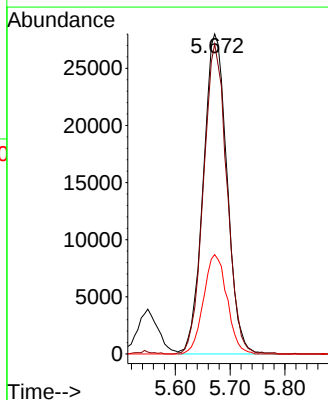
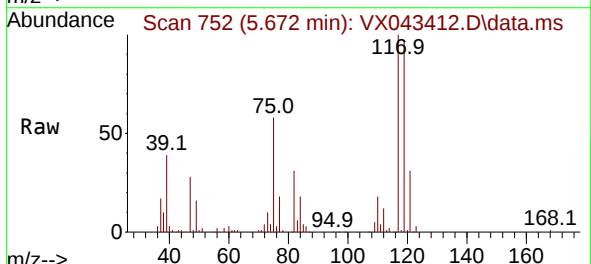
Manual Integrations
APPROVED

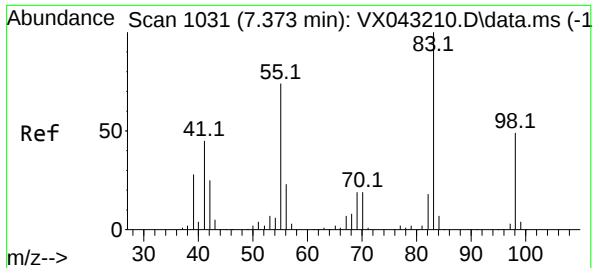
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#38
Carbon Tetrachloride
Concen: 52.693 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion:117 Resp: 84213
Ion Ratio Lower Upper
117 100
119 96.8 77.7 116.5
121 31.1 24.3 36.5





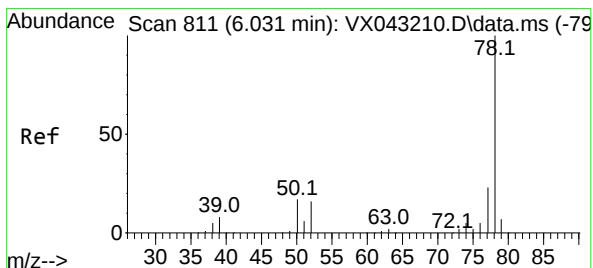
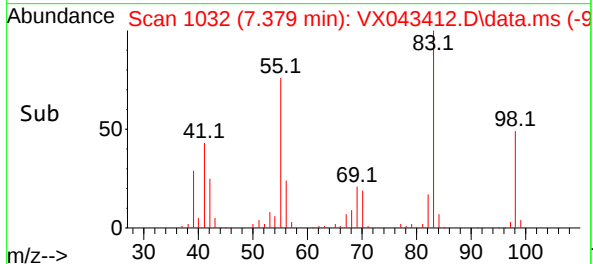
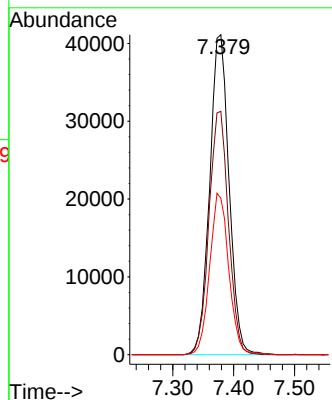
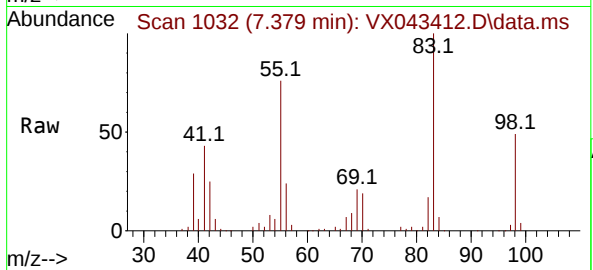
#39
Methylcyclohexane
Concen: 53.523 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90879
Ion Ratio Lower Upper
83 100
55 76.0 59.4 89.2
98 48.9 39.3 58.9

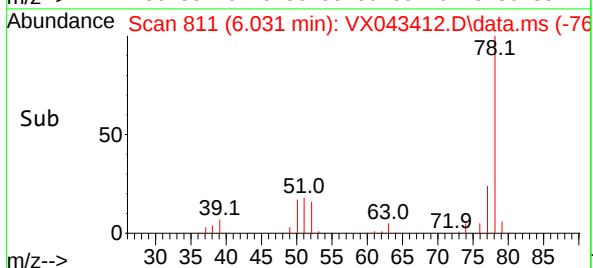
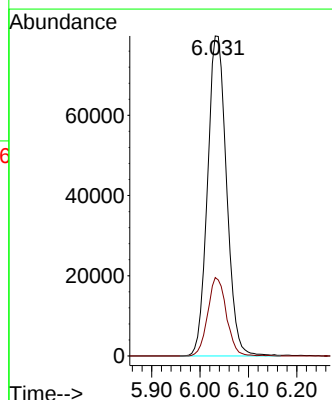
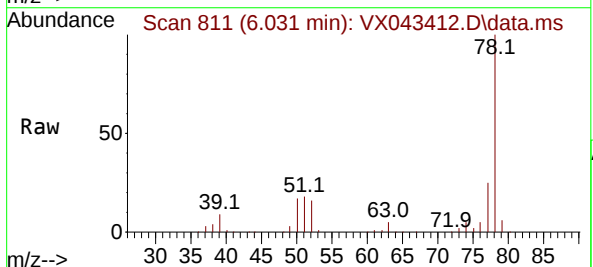
Manual Integrations
APPROVED

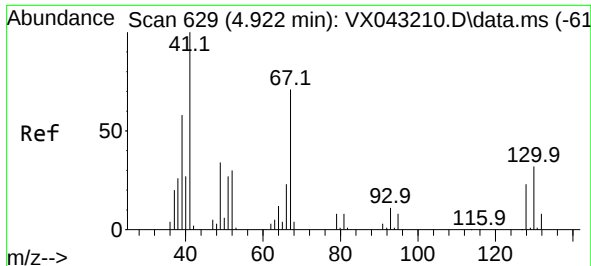
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#40
Benzene
Concen: 53.246 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion: 78 Resp: 217941
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2





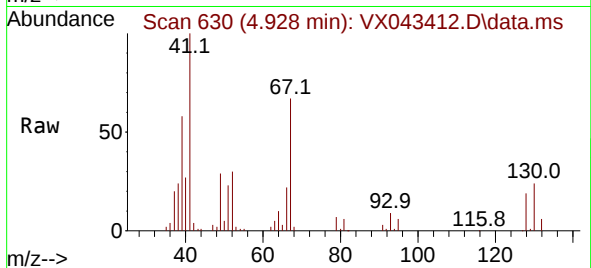
#41
Methacrylonitrile
Concen: 55.253 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



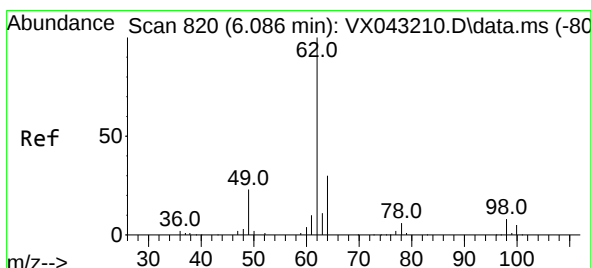
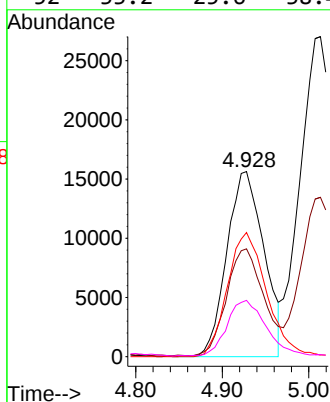
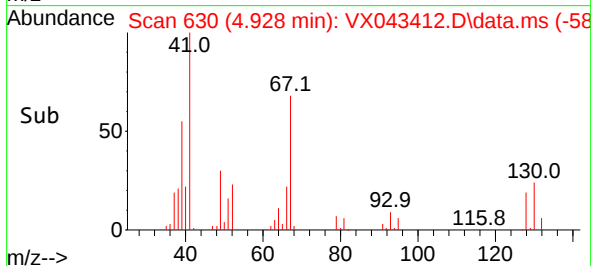
Tgt Ion: 41 Resp: 46629
Ion Ratio Lower Upper
41 100
39 58.9 45.0 67.4
67 71.4 56.0 84.0
52 33.2 25.6 38.4

Manual Integrations

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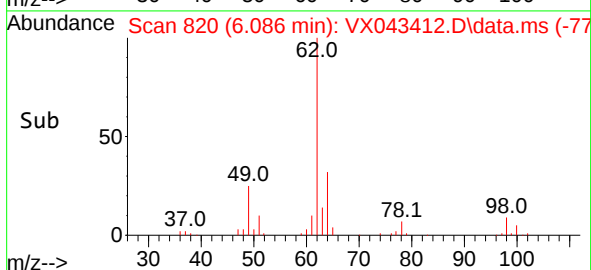
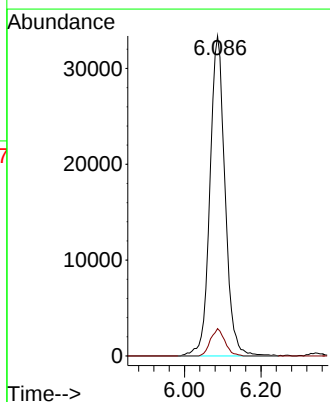
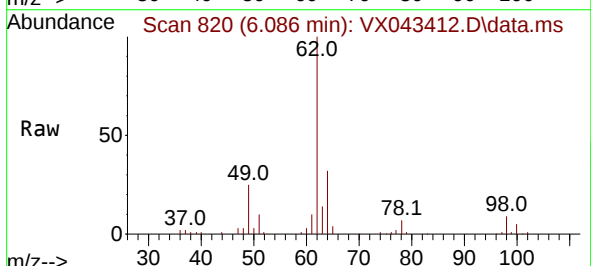
Reviewed By :John Carlone 10/16/2024

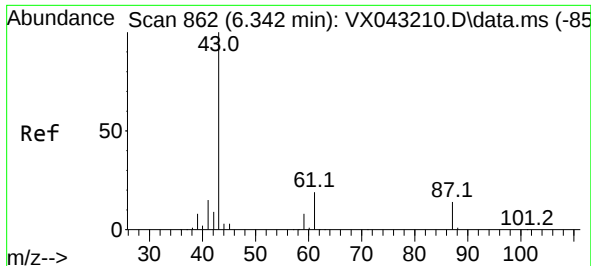
Supervised By :Mahesh Dadoda 10/16/2024



#42
1,2-Dichloroethane
Concen: 54.987 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

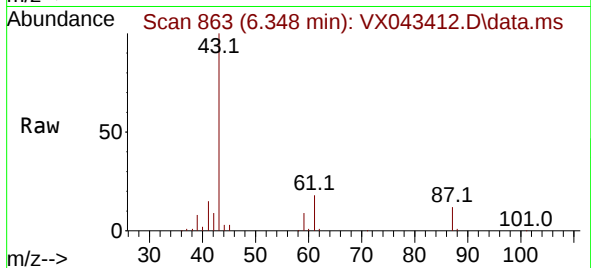
Tgt Ion: 62 Resp: 91715
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.746 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

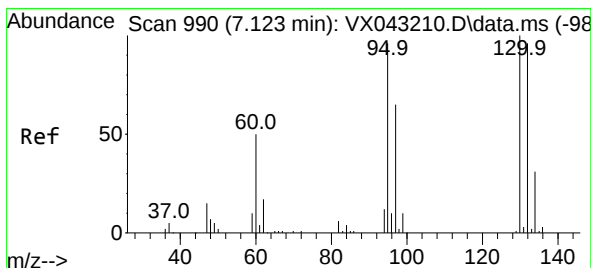
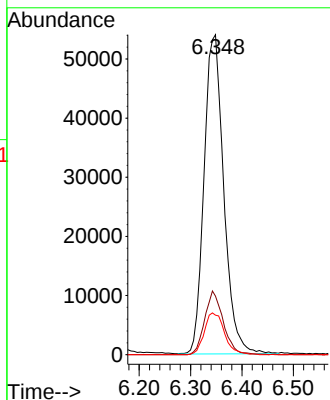
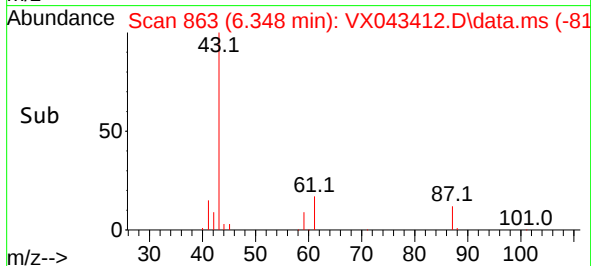
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14392
Ion Ratio Lower Upper
43 100
61 18.8 15.1 22.7
87 13.4 10.8 16.2

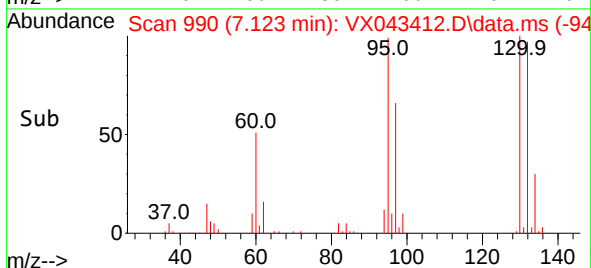
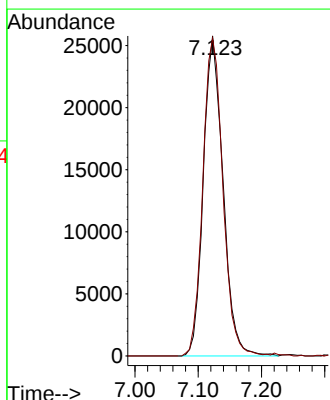
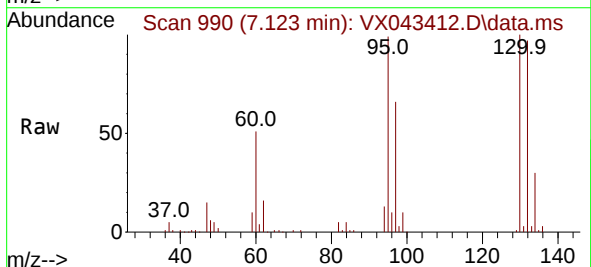
Manual Integrations
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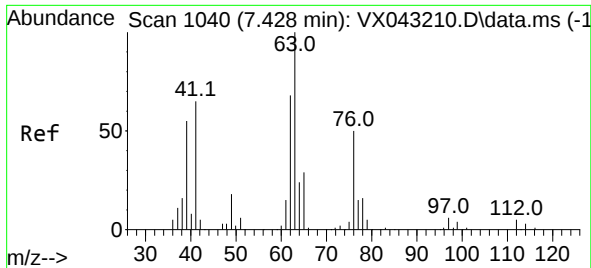
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#44
Trichloroethene
Concen: 51.374 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion:130 Resp: 55774
Ion Ratio Lower Upper
130 100
95 99.3 0.0 192.2





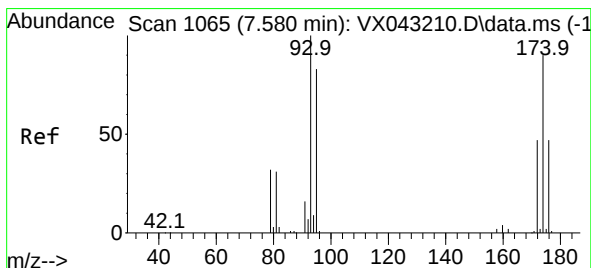
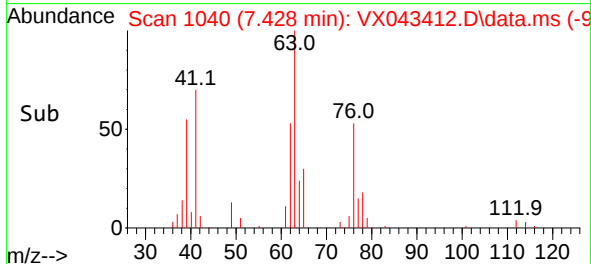
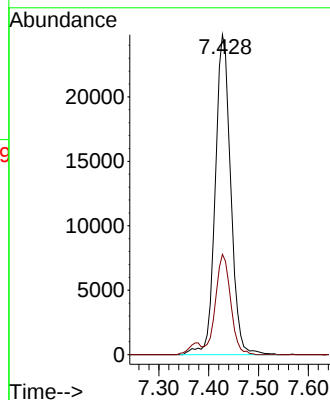
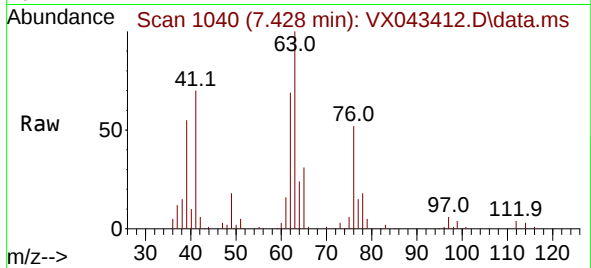
#45
1,2-Dichloropropane
Concen: 53.273 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 53512
Ion Ratio Lower Upper
63 100
65 31.3 23.2 34.8

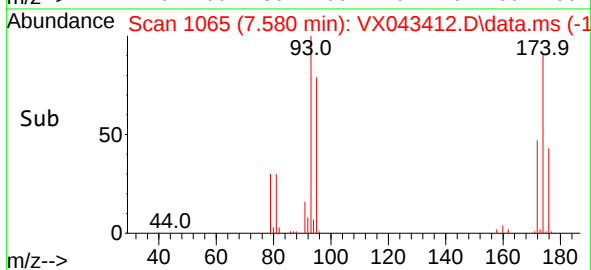
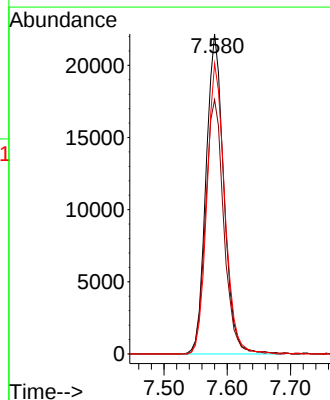
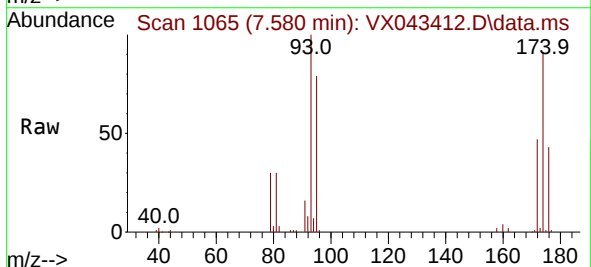
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#46
Dibromomethane
Concen: 53.905 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion: 93 Resp: 43389
Ion Ratio Lower Upper
93 100
95 81.6 65.8 98.8
174 91.0 74.5 111.7





#47
Bromodichloromethane
Concen: 52.122 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

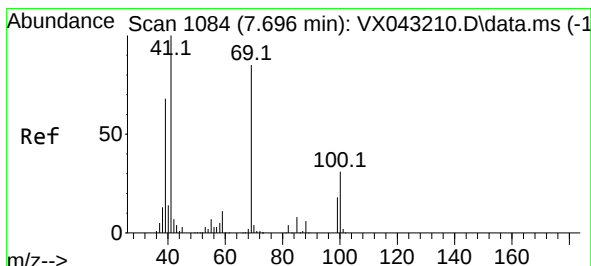
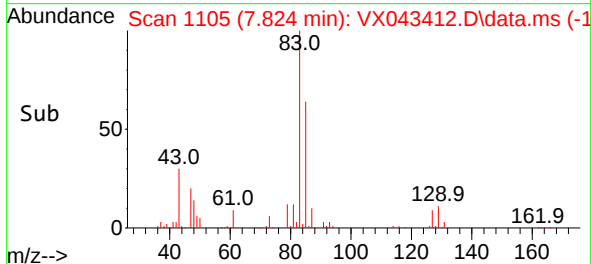
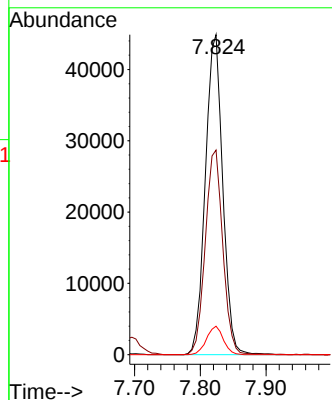
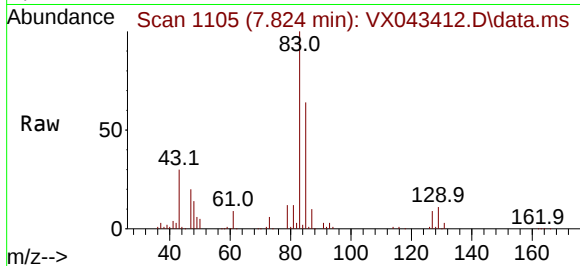
VSTDCCC050EC

Tgt Ion: 83 Resp: 8248
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2
127 8.9 6.2 9.4

Manual Integrations

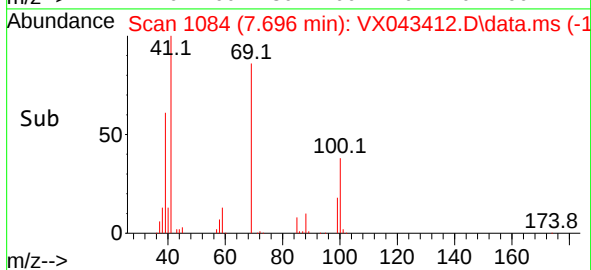
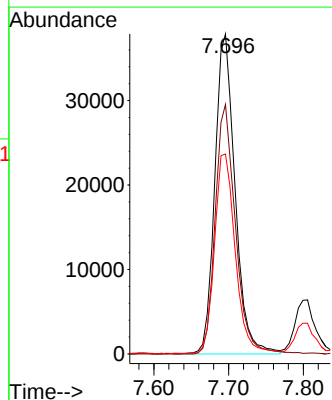
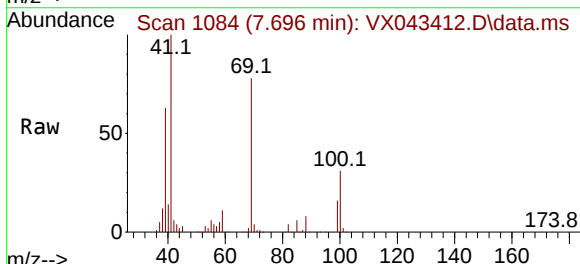
APPROVED

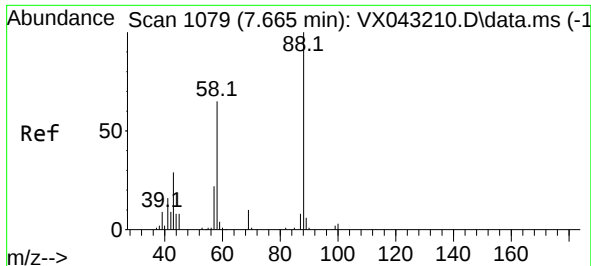
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#48
Methyl methacrylate
Concen: 54.400 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion: 41 Resp: 71475
Ion Ratio Lower Upper
41 100
69 77.8 64.1 96.1
39 64.5 52.8 79.2





#49

1,4-Dioxane

Concen: 1087.063 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

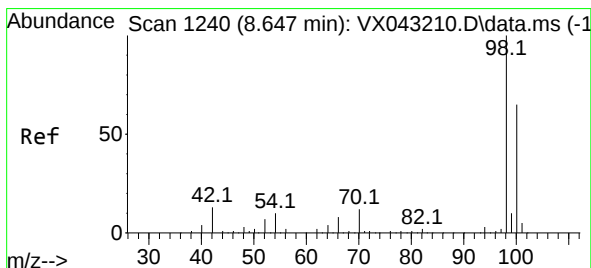
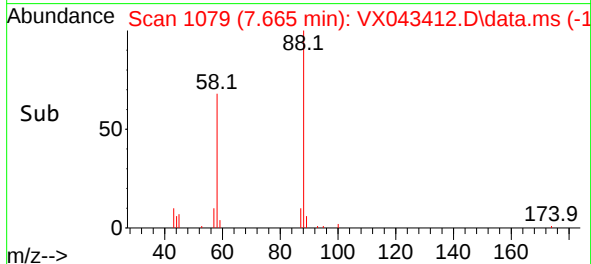
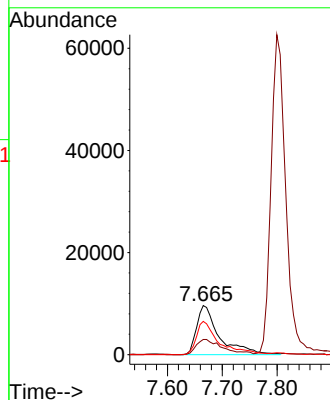
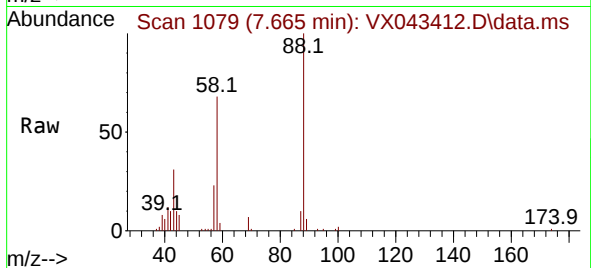
Tgt Ion: 88	Resp: 2776
Ion Ratio	Lower Upper
88 100	
43 36.0	29.5 44.3
58 66.7	55.2 82.8

Manual Integrations

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Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#50

Toluene-d8

Concen: 51.120 ug/l

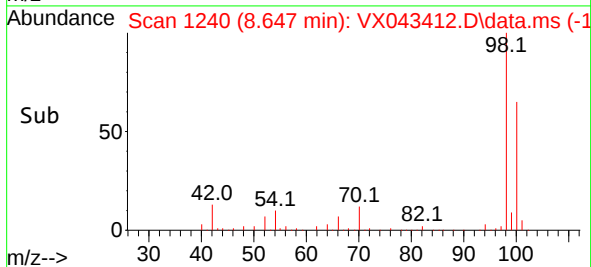
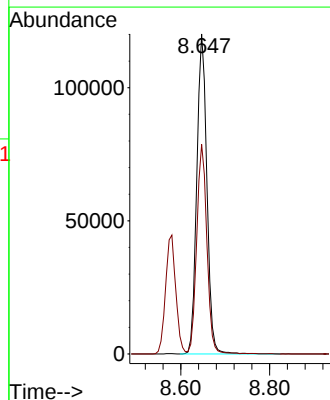
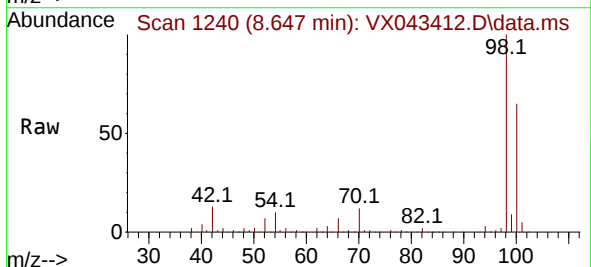
RT: 8.647 min Scan# 1240

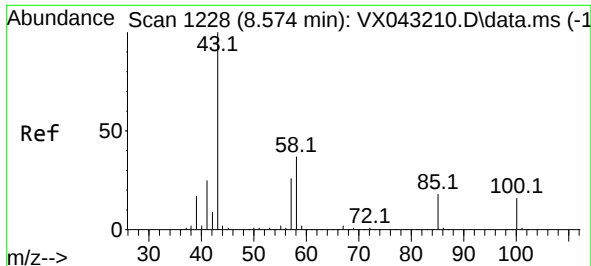
Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Tgt Ion: 98	Resp: 189314
Ion Ratio	Lower Upper
98 100	
100 65.5	52.4 78.6





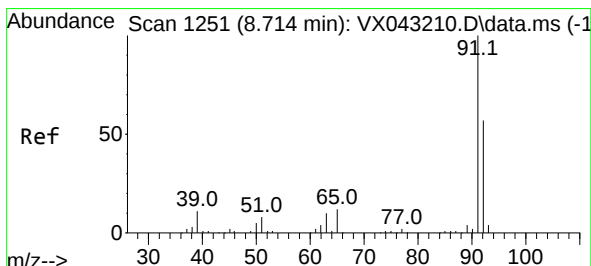
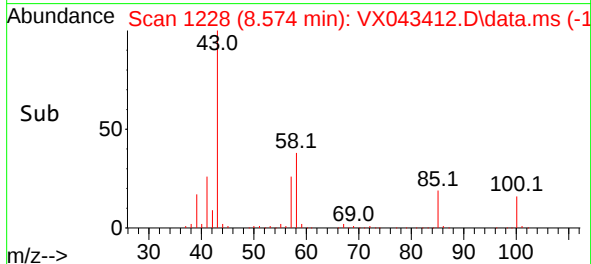
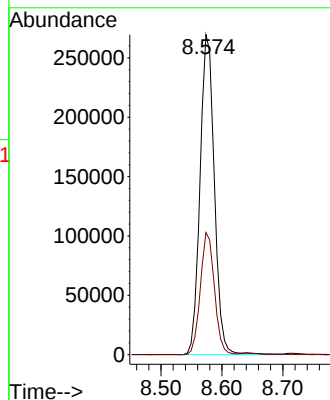
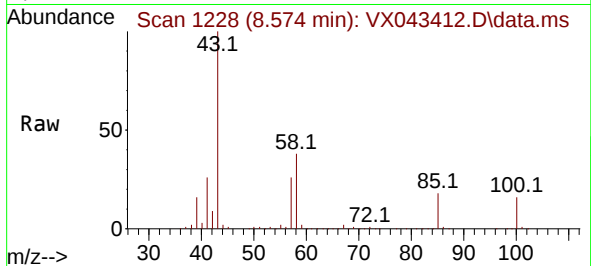
#51
4-Methyl-2-Pentanone
Concen: 271.027 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 440780
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0

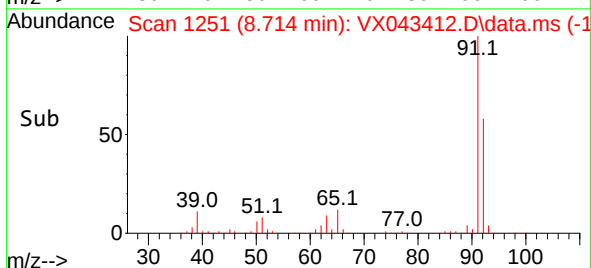
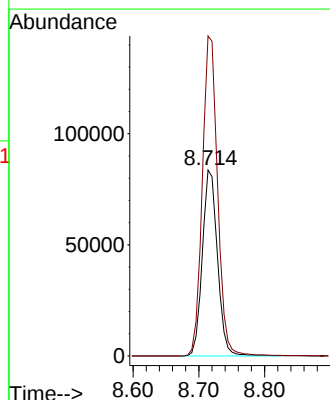
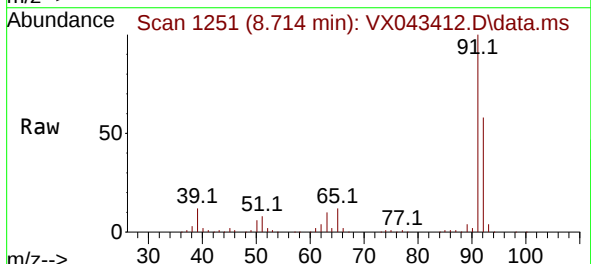
Manual Integrations
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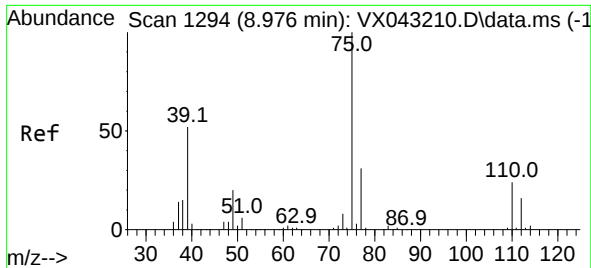
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#52
Toluene
Concen: 52.125 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion: 92 Resp: 133716
Ion Ratio Lower Upper
92 100
91 173.9 137.0 205.4





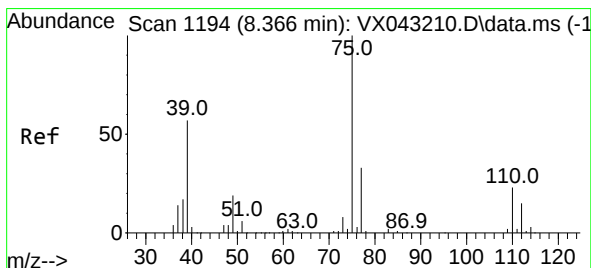
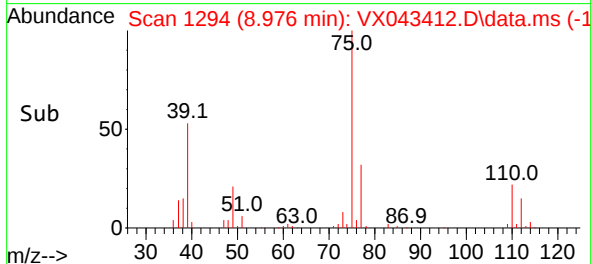
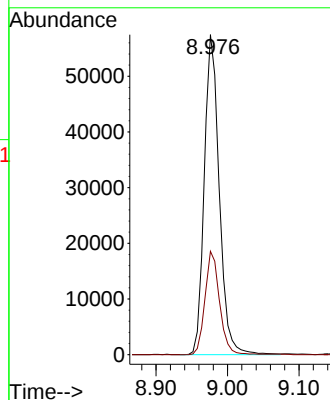
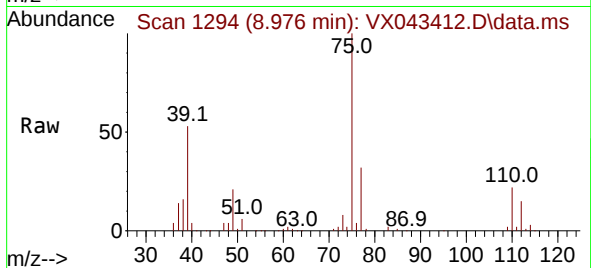
#53
 t-1,3-Dichloropropene
 Concen: 53.265 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX043412.D
 Acq: 15 Oct 2024 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 83759
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7

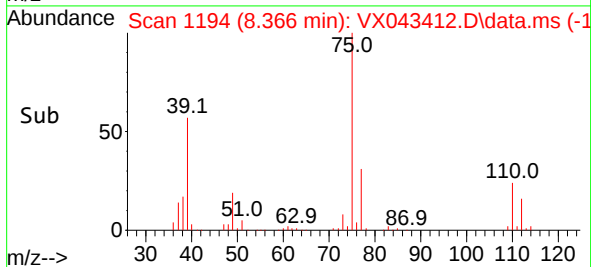
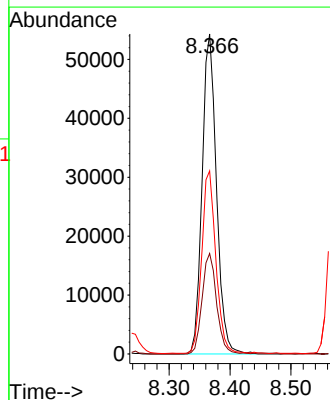
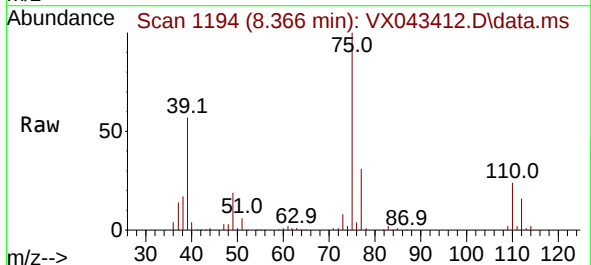
Manual Integrations
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Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024



#54
 cis-1,3-Dichloropropene
 Concen: 52.861 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX043412.D
 Acq: 15 Oct 2024 17:47

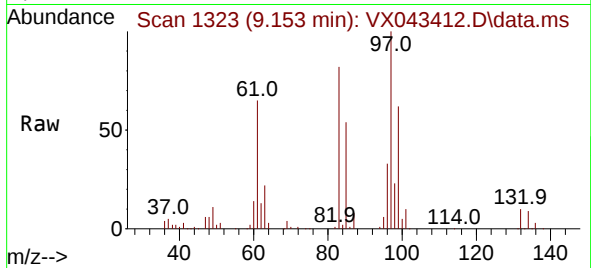
Tgt Ion: 75 Resp: 89154
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.0 39.0
 39 57.0 45.8 68.8





#55
1,1,2-Trichloroethane
Concen: 53.181 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

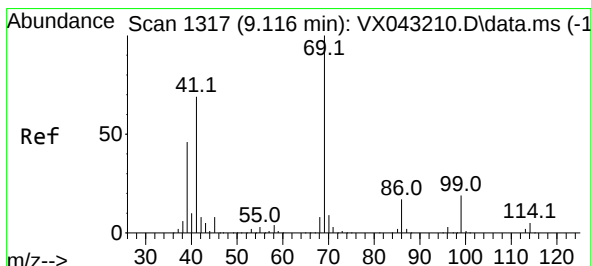
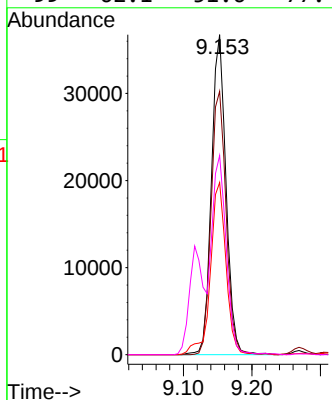
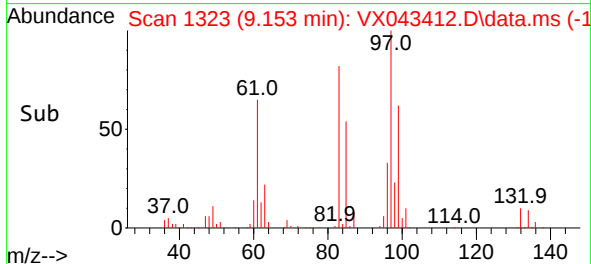
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.3	66.9	100.3
85	53.8	43.9	65.9
99	62.1	51.6	77.4

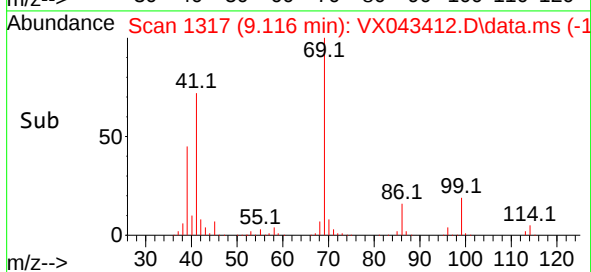
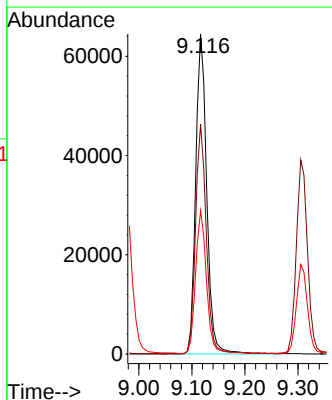
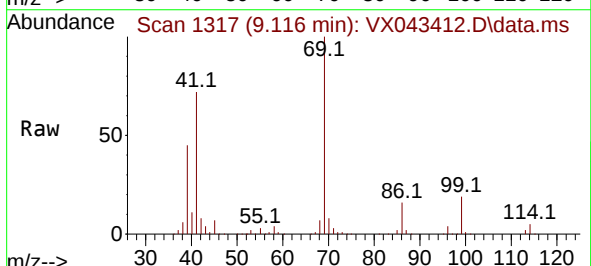
Manual Integrations
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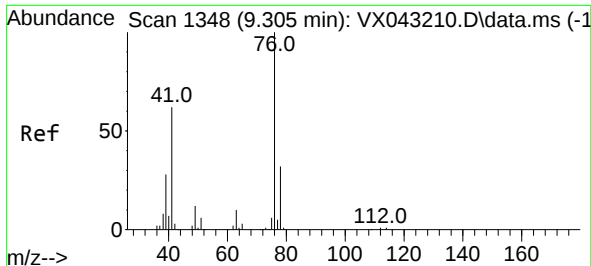
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#56
Ethyl methacrylate
Concen: 55.601 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.1	84.1
39	44.3	36.4	54.6





#57

1,3-Dichloropropane

Concen: 54.089 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 93920

Ion Ratio Lower Upper

76 100

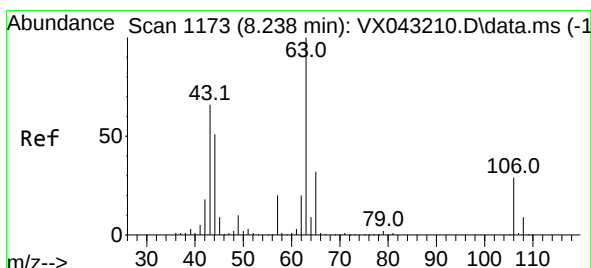
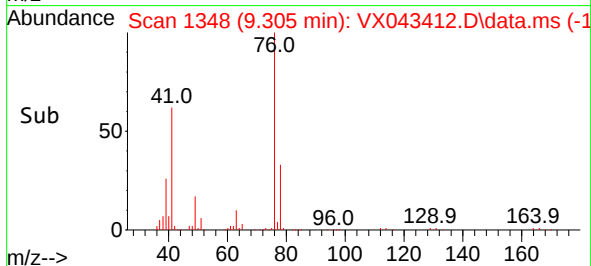
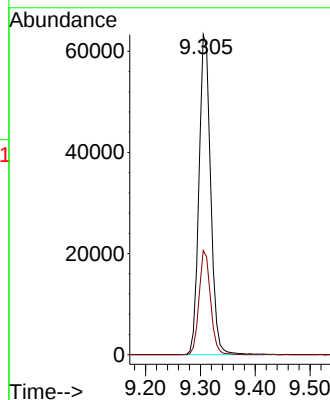
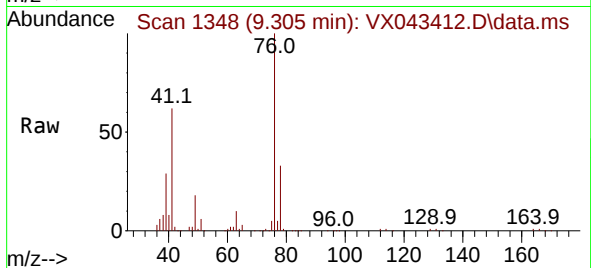
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 279.360 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX043412.D

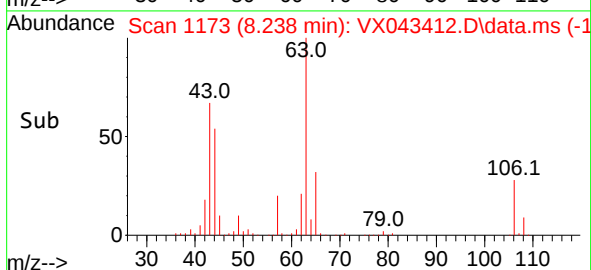
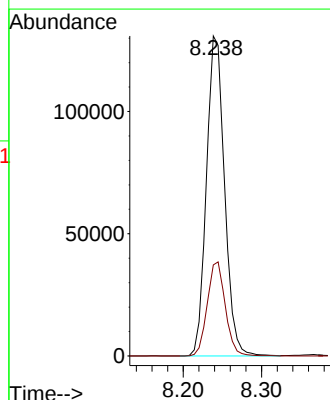
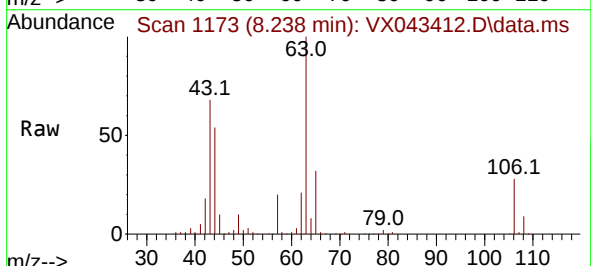
Acq: 15 Oct 2024 17:47

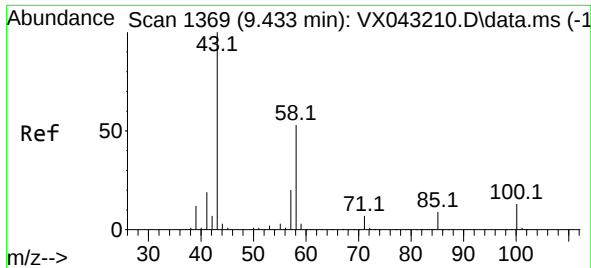
Tgt Ion: 63 Resp: 209885

Ion Ratio Lower Upper

63 100

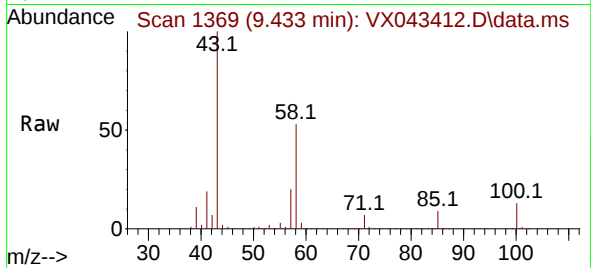
106 29.2 23.7 35.5





#59
2-Hexanone
Concen: 273.671 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

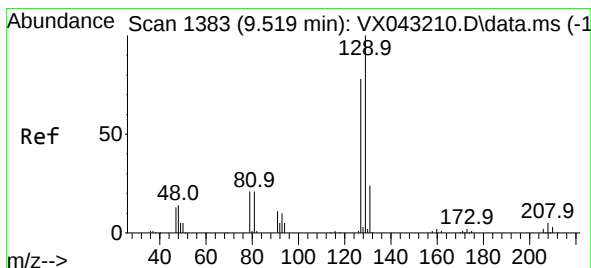
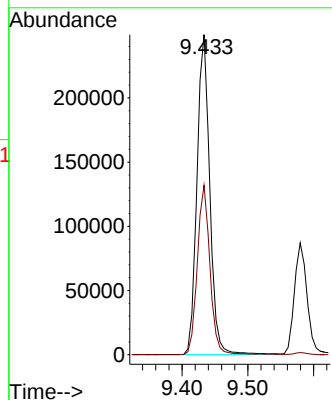
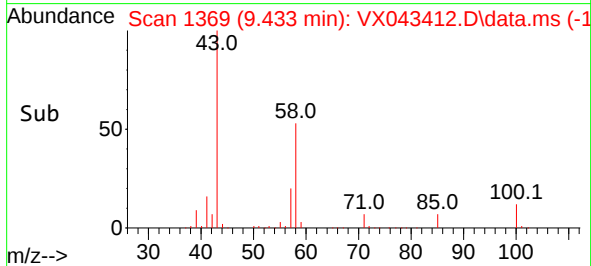
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 336582
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3

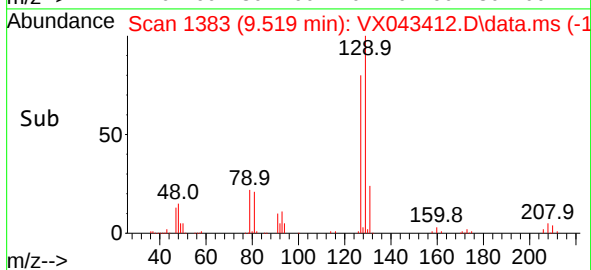
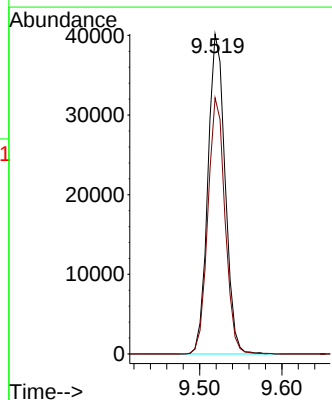
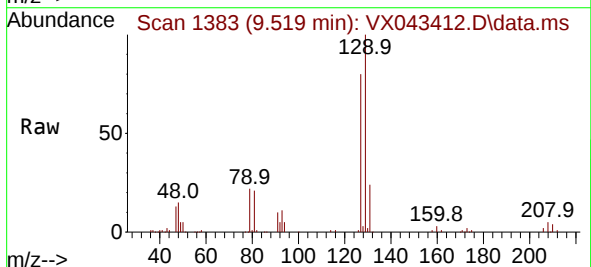
Manual Integrations
APPROVED

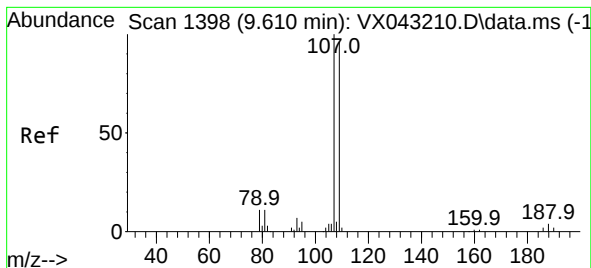
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#60
Dibromochloromethane
Concen: 49.292 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

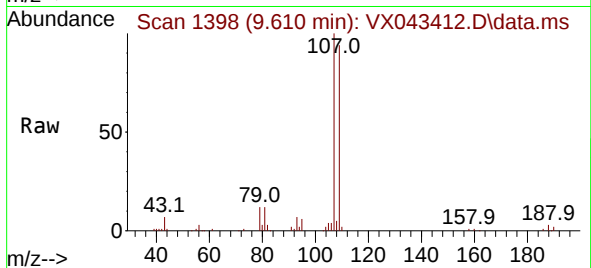
Tgt Ion:129 Resp: 58299
Ion Ratio Lower Upper
129 100
127 79.6 38.3 114.9





#61
1,2-Dibromoethane
Concen: 52.145 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

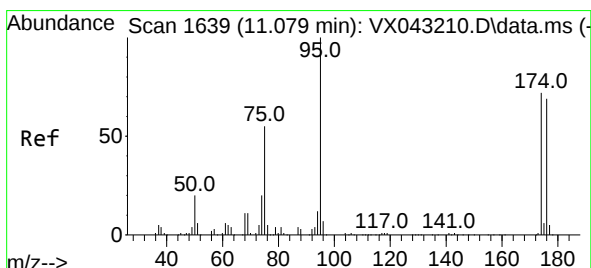
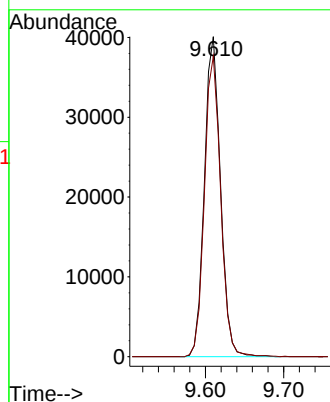
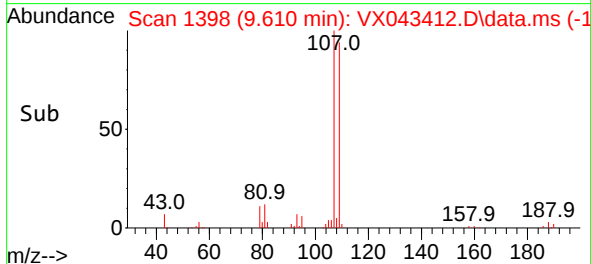
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5711
Ion Ratio Lower Upper
107 100
109 94.9 76.1 114.1

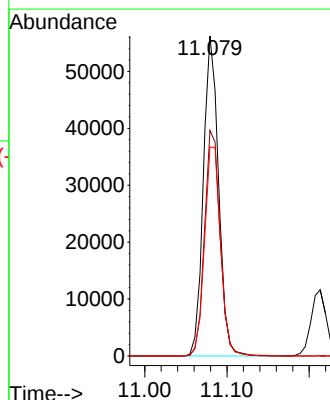
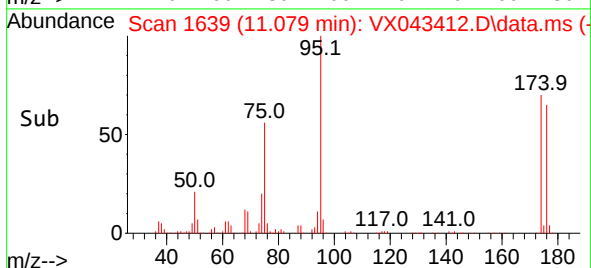
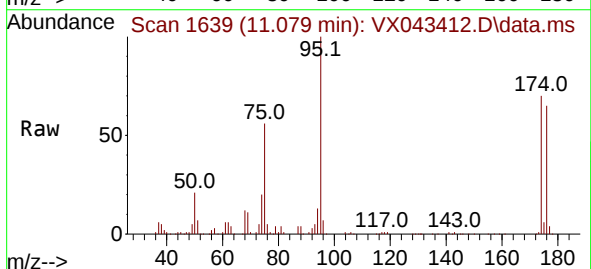
Manual Integrations
APPROVED

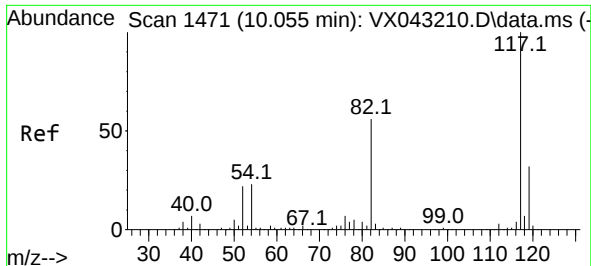
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#62
4-Bromofluorobenzene
Concen: 53.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

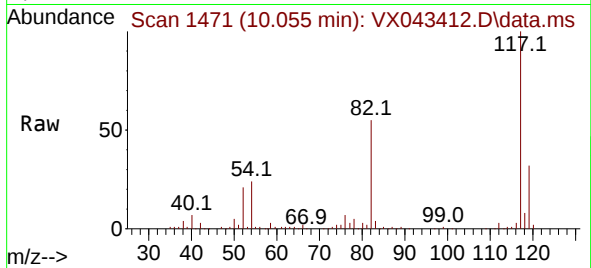
Tgt Ion: 95 Resp: 72134
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.0
176 69.1 0.0 143.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

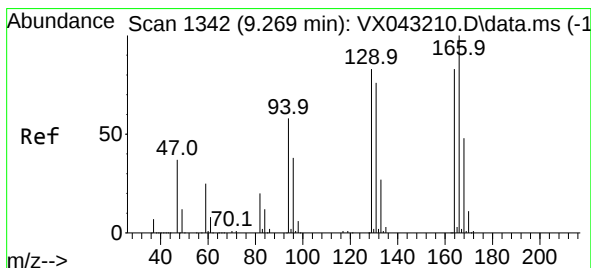
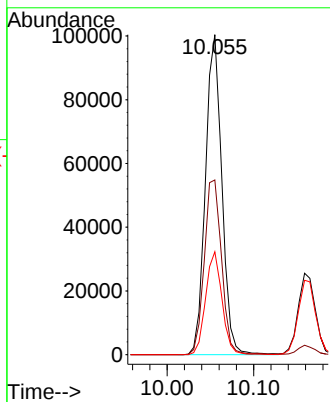
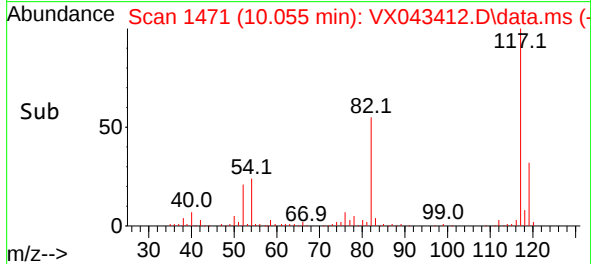
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 13226
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 32.2 25.3 37.9

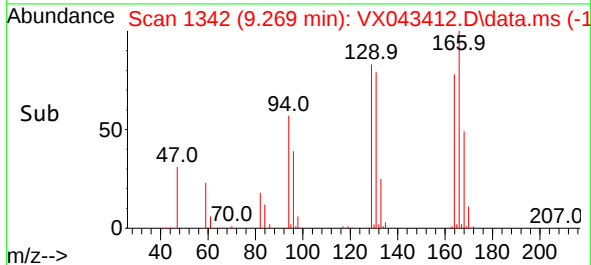
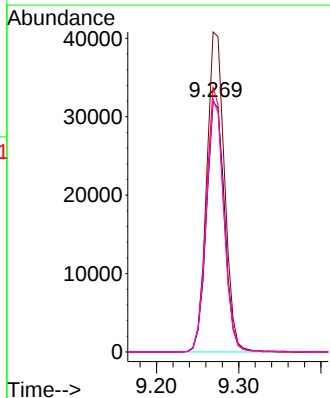
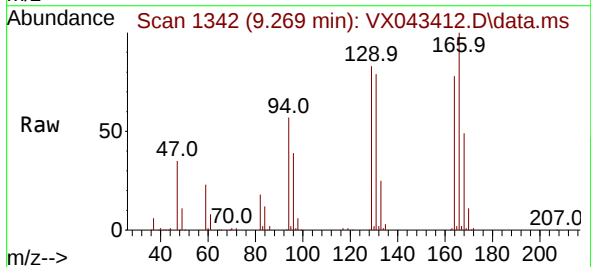
Manual Integrations
APPROVED

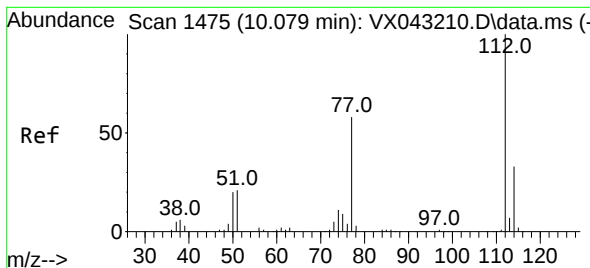
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#64
Tetrachloroethene
Concen: 53.093 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

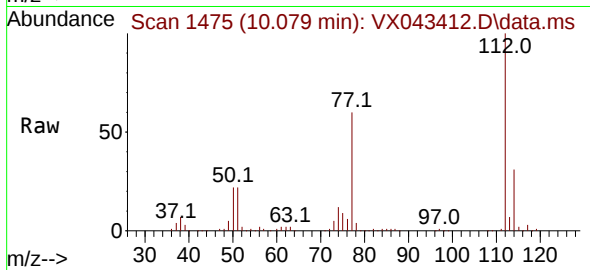
Tgt Ion:164 Resp: 48726
Ion Ratio Lower Upper
164 100
166 127.8 96.0 144.0
129 105.5 79.4 119.0
131 101.0 72.6 109.0





#65
Chlorobenzene
Concen: 51.563 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

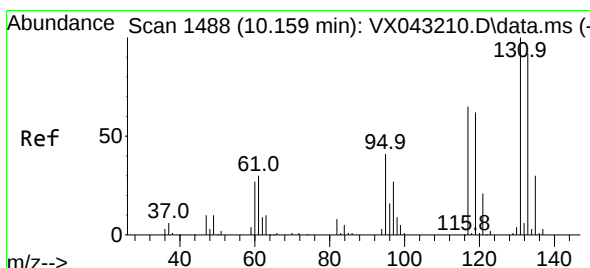
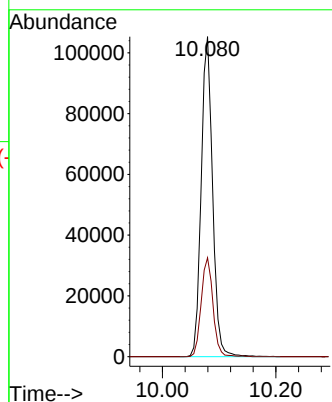
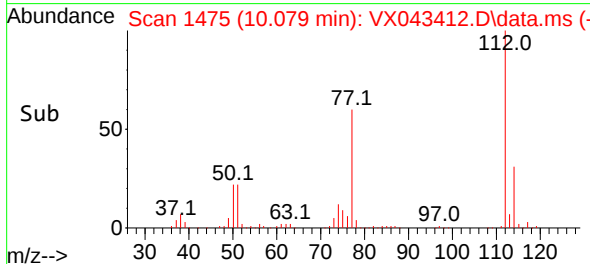
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



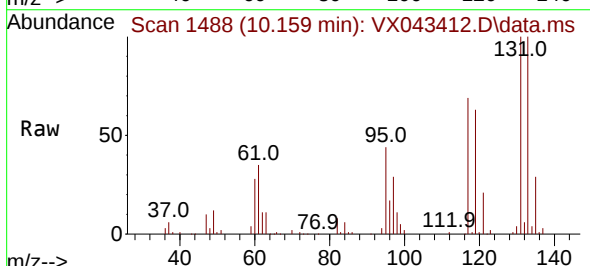
Tgt Ion:112 Resp: 14662
Ion Ratio Lower Upper
112 100
114 30.9 26.4 39.6

Manual Integrations
APPROVED

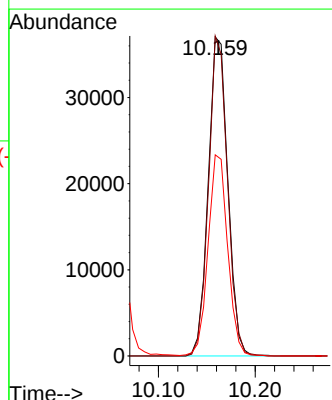
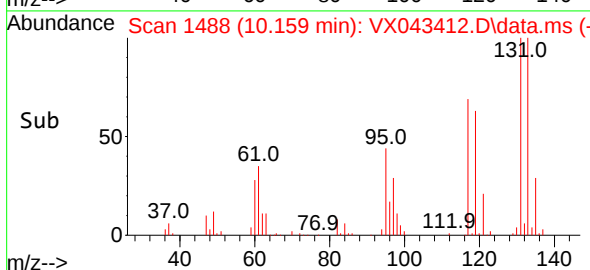
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

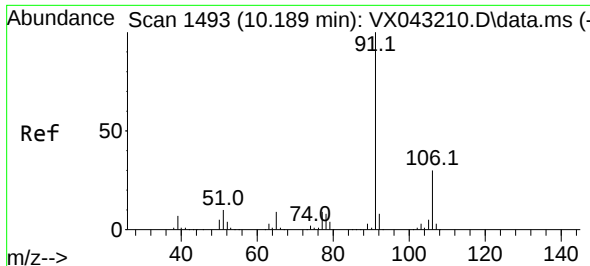


#66
1,1,1,2-Tetrachloroethane
Concen: 51.899 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47



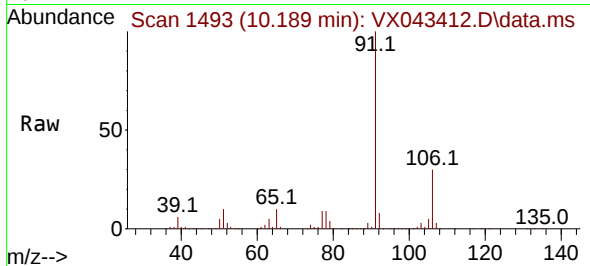
Tgt Ion:131 Resp: 52183
Ion Ratio Lower Upper
131 100
133 96.8 46.9 140.8
119 63.2 31.7 95.1





#67
Ethyl Benzene
Concen: 52.644 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

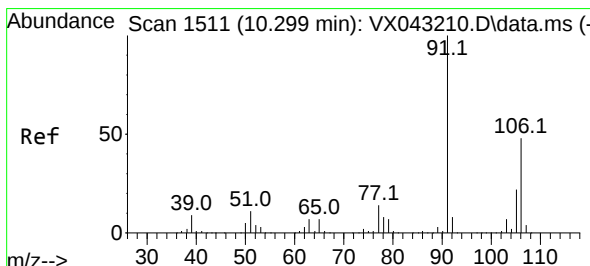
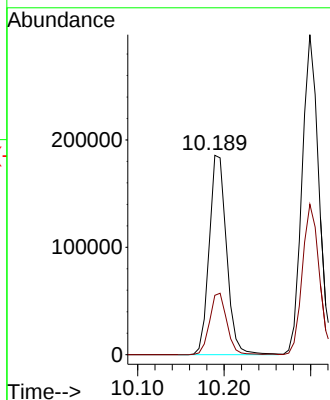
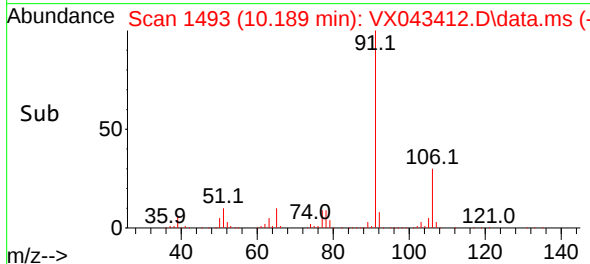
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



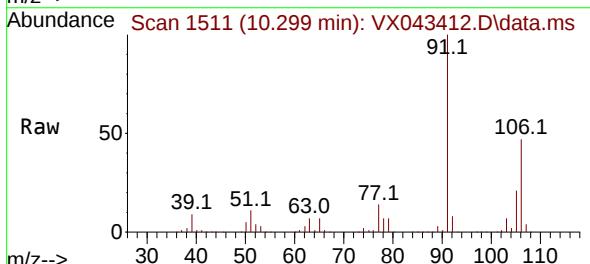
Tgt Ion: 91 Resp: 258740
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9

Manual Integrations
APPROVED

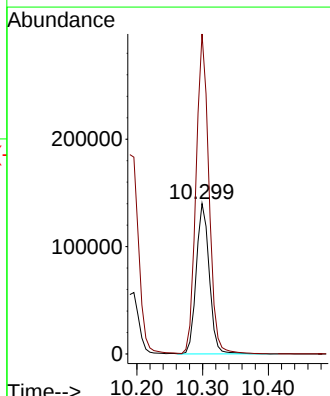
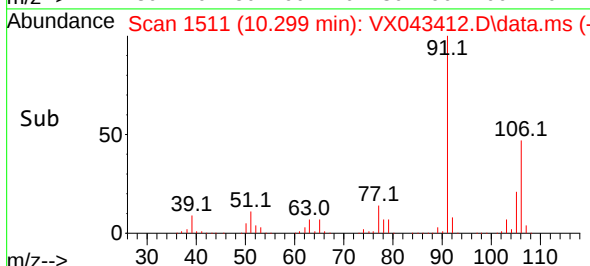
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

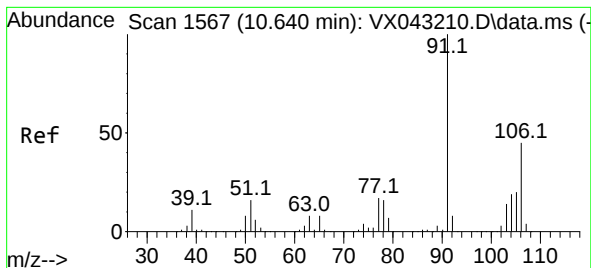


#68
m/p-Xylenes
Concen: 103.501 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47



Tgt Ion:106 Resp: 192242
Ion Ratio Lower Upper
106 100
91 211.0 167.0 250.6





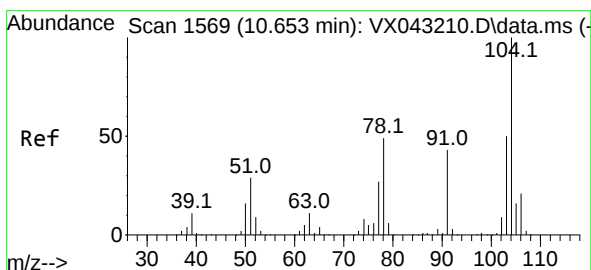
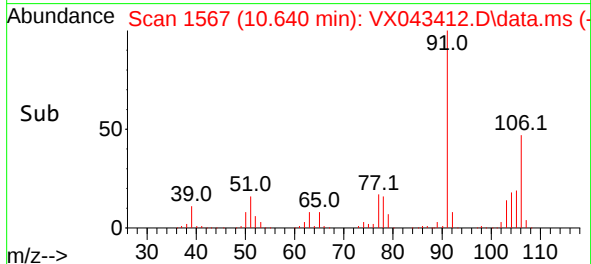
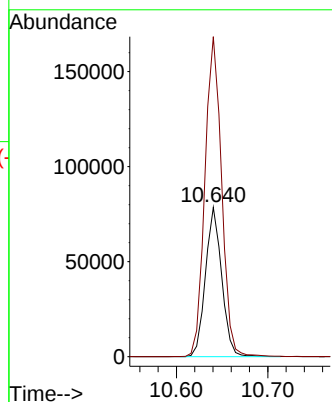
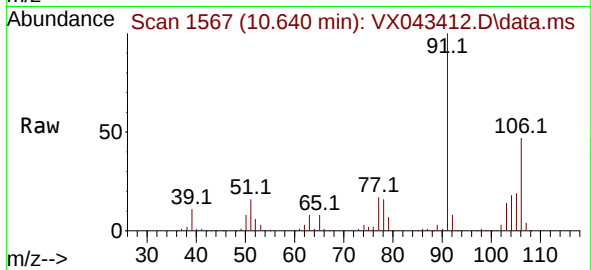
#69
o-Xylene
Concen: 52.425 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 96760
Ion Ratio Lower Upper
106 100
91 220.8 111.6 334.8

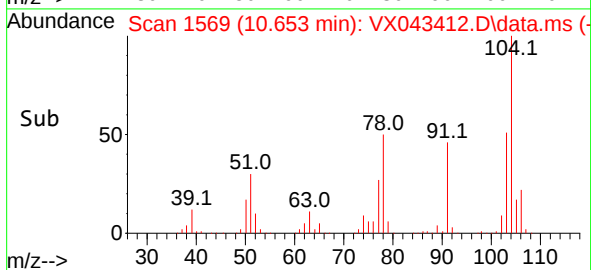
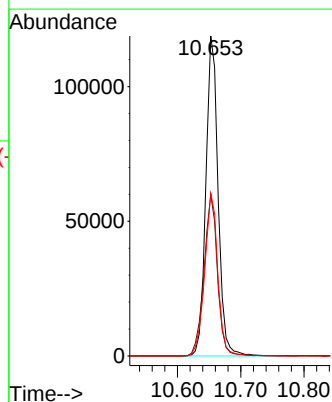
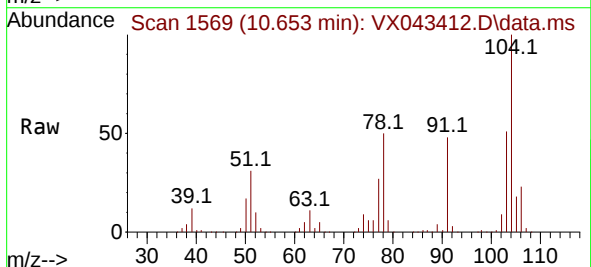
Manual Integrations
APPROVED

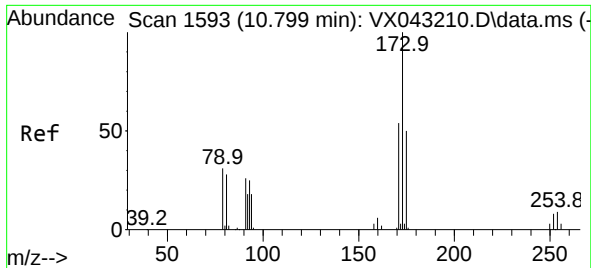
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#70
Styrene
Concen: 53.601 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

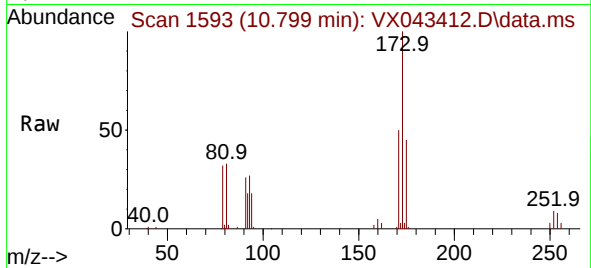
Tgt Ion:104 Resp: 160328
Ion Ratio Lower Upper
104 100
78 55.4 43.5 65.3
103 54.6 43.9 65.9





#71
Bromoform
Concen: 50.254 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

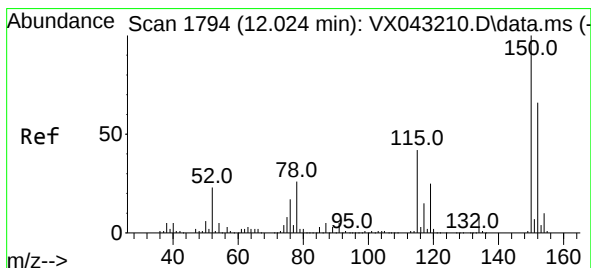
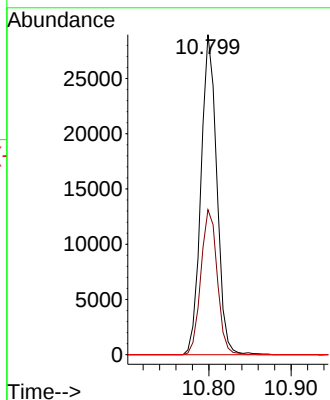
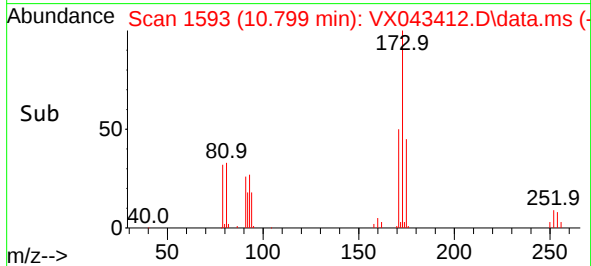
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 3870
Ion Ratio Lower Upper
173 100
175 46.7 24.3 72.9
254 0.0 0.0 0.0

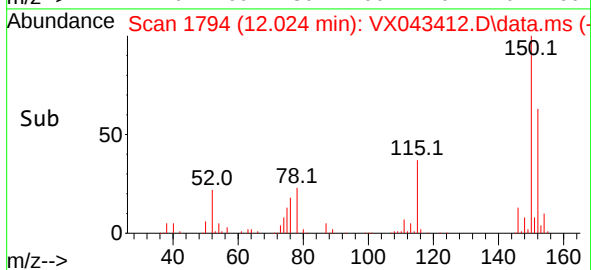
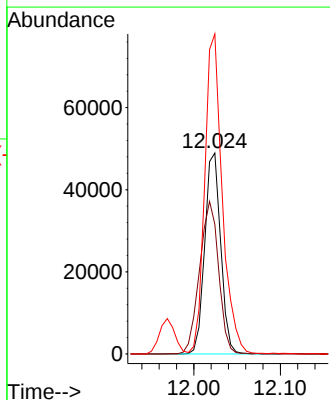
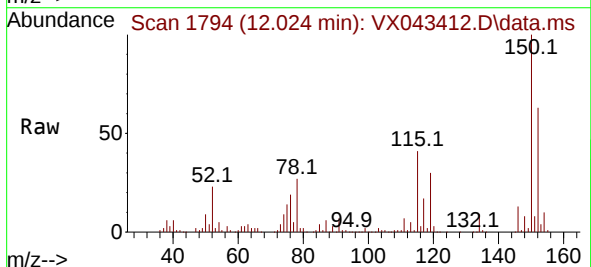
Manual Integrations
APPROVED

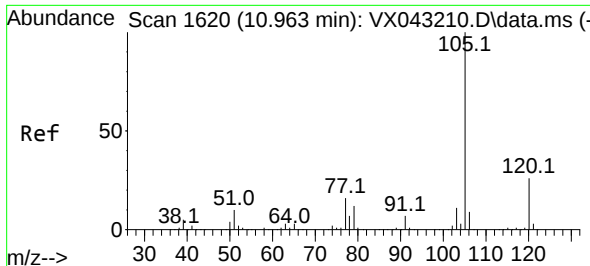
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion:152 Resp: 62544
Ion Ratio Lower Upper
152 100
115 90.8 44.1 132.3
150 174.5 0.0 347.4





#73
Isopropylbenzene
Concen: 51.701 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

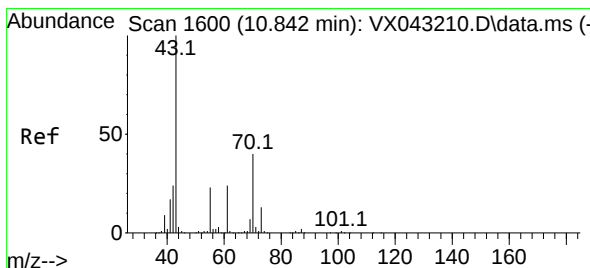
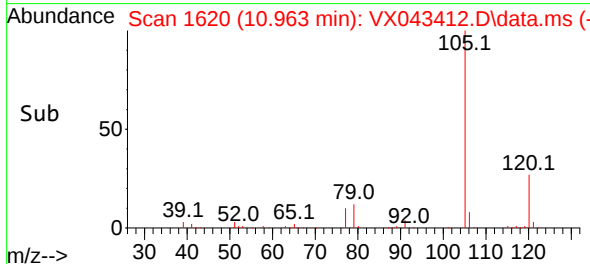
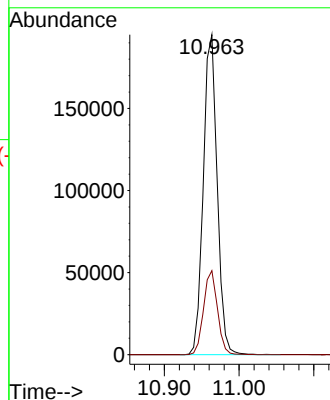
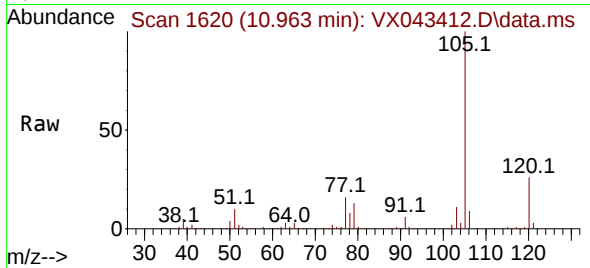
VSTDCCC050EC

Tgt Ion:105 Resp: 25140
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7

Manual Integrations

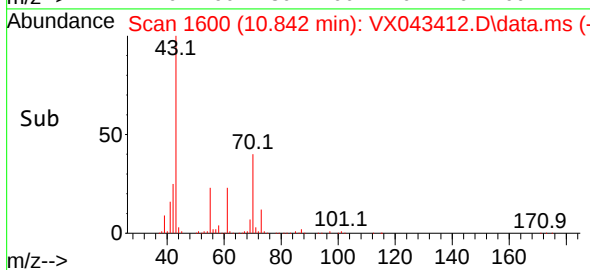
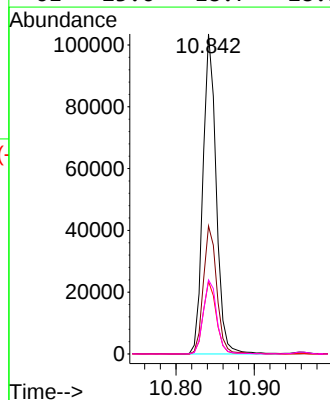
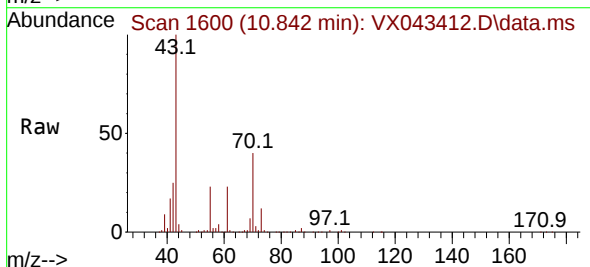
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#74
N-ethyl acetate
Concen: 52.616 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

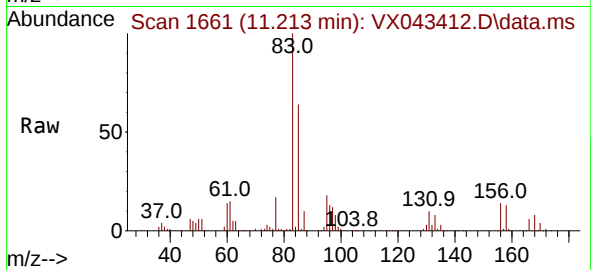
Tgt Ion: 43 Resp: 121456
Ion Ratio Lower Upper
43 100
70 40.6 33.1 49.7
55 22.6 18.6 27.8
61 23.6 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 52.597 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

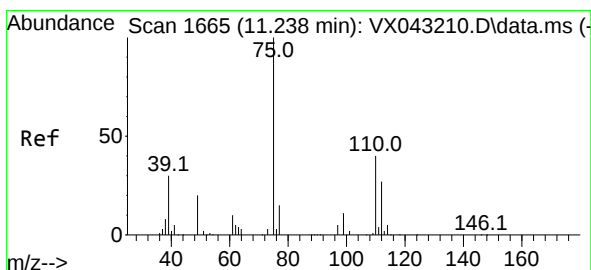
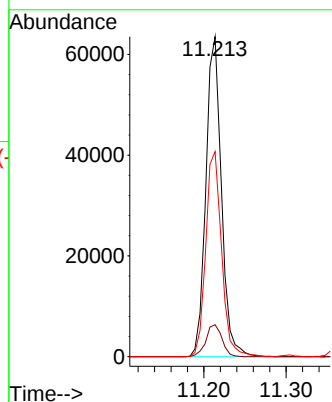
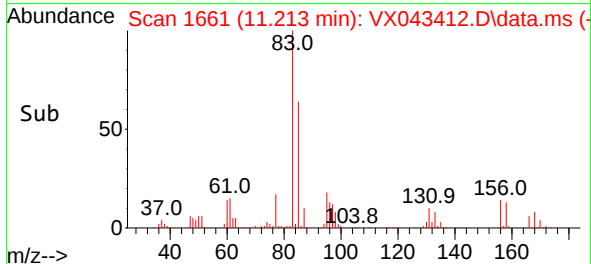
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



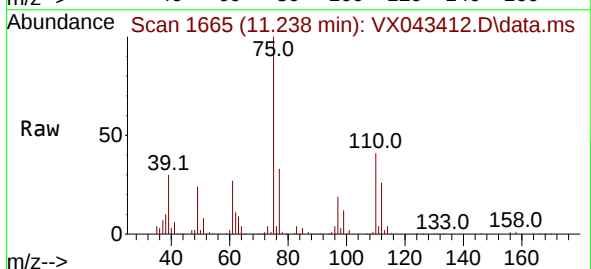
Tgt Ion: 83 Resp: 83319
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 65.3 31.9 95.5

Manual Integrations
APPROVED

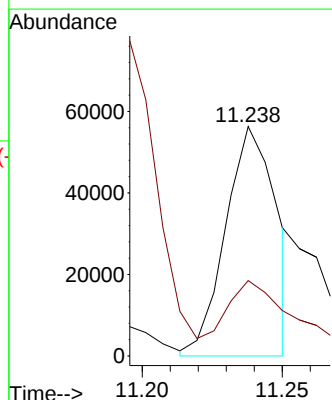
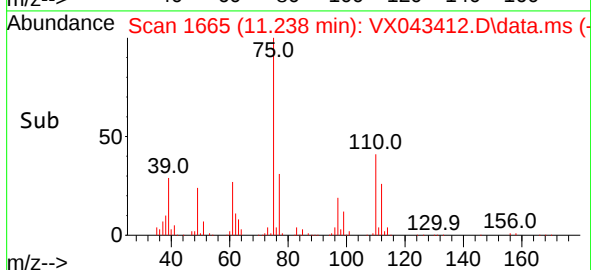
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#76
1,2,3-Trichloropropane
Concen: 51.225 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47



Tgt Ion: 75 Resp: 71064
Ion Ratio Lower Upper
75 100
77 45.2 22.0 66.0





#77

Bromobenzene

Concen: 50.442 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 5969

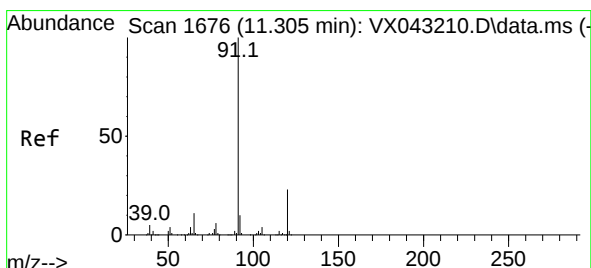
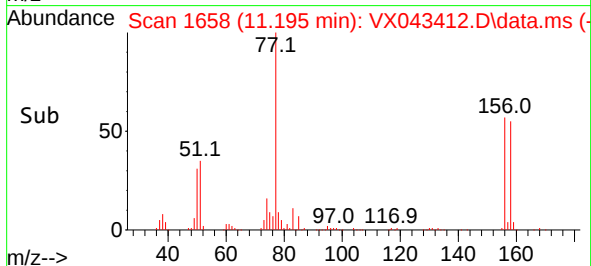
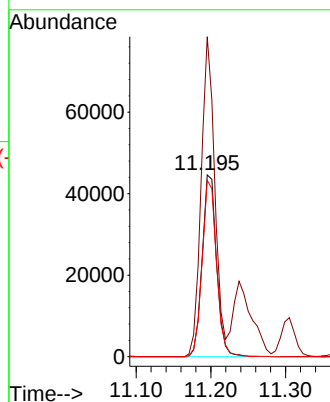
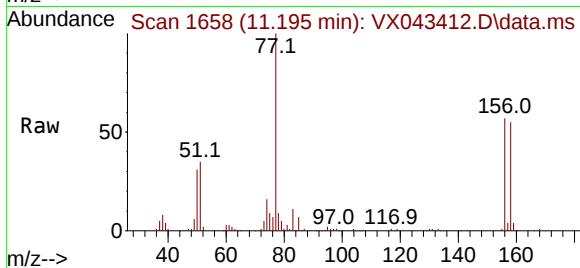
Ion	Ratio	Lower	Upper
156	100		
77	166.0	82.0	245.8
158	96.5	48.1	144.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#78

n-propylbenzene

Concen: 52.610 ug/l

RT: 11.305 min Scan# 1676

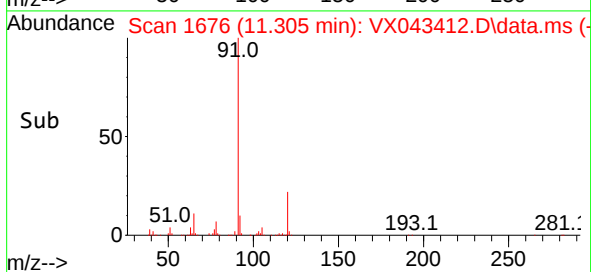
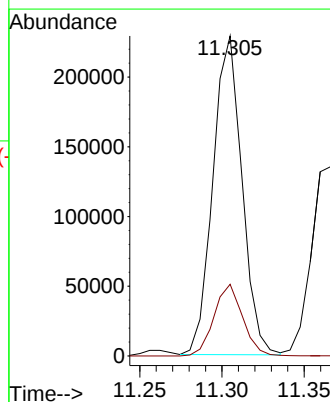
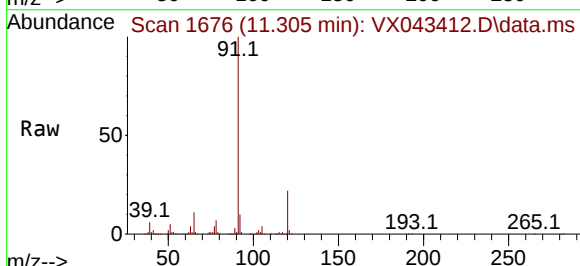
Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Tgt Ion: 91 Resp: 280839

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1





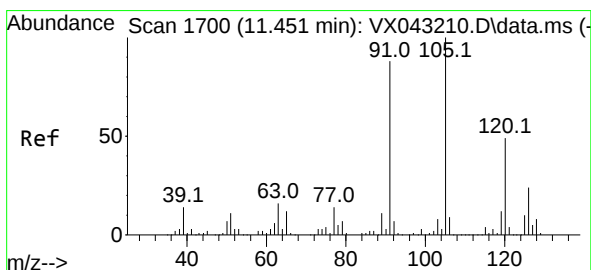
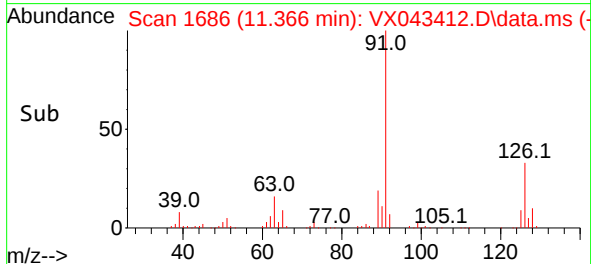
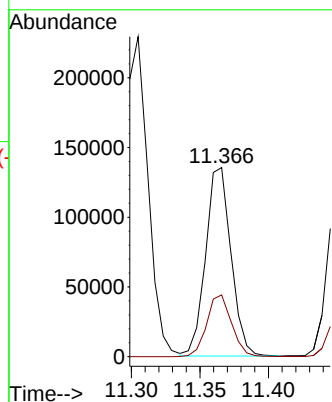
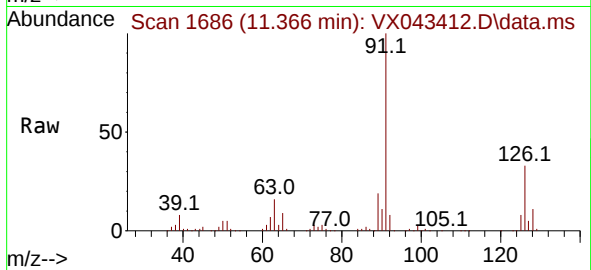
#79
2-Chlorotoluene
Concen: 50.775 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 17425
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7

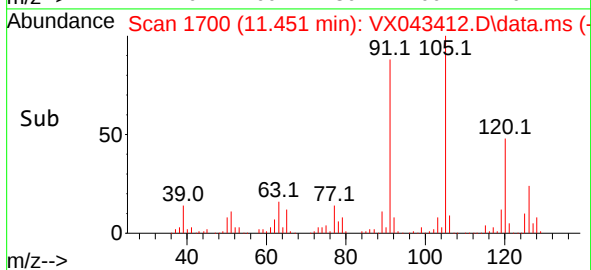
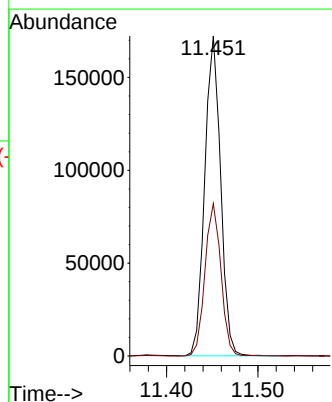
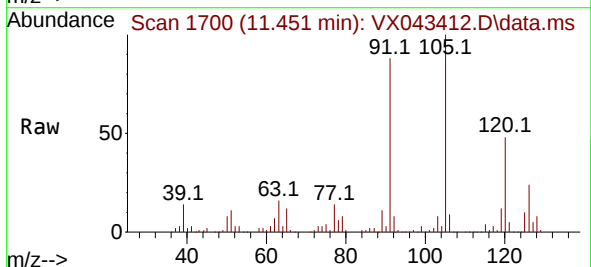
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.593 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

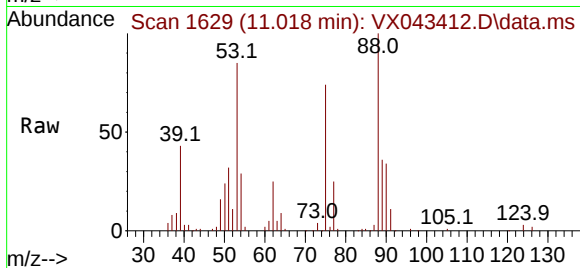
Tgt Ion:105 Resp: 206950
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.868 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

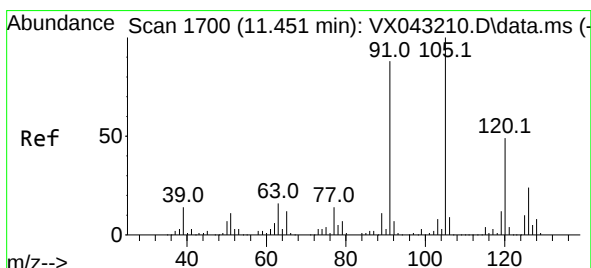
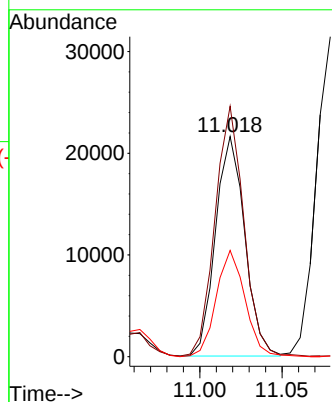
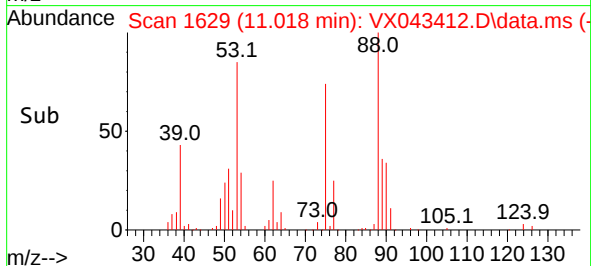
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



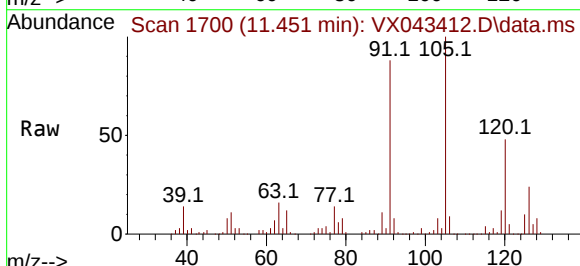
Tgt Ion: 75 Resp: 26694
Ion Ratio Lower Upper
75 100
53 111.9 83.9 125.9
89 47.8 38.6 58.0

Manual Integrations
APPROVED

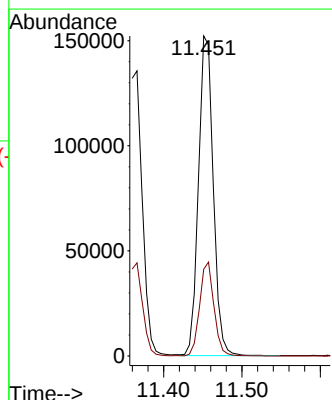
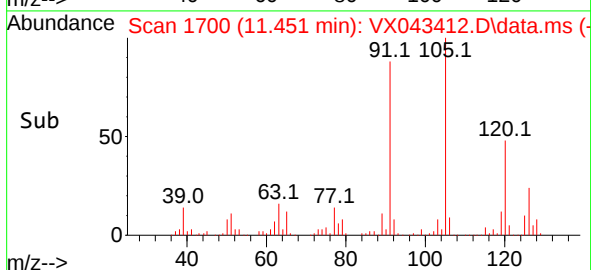
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#82
4-Chlorotoluene
Concen: 51.263 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47



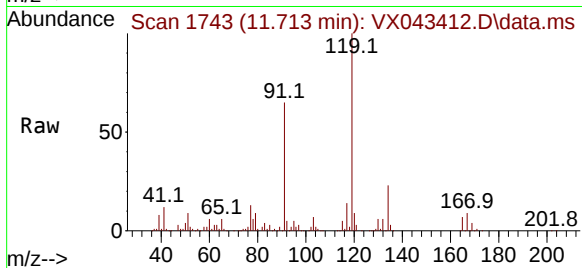
Tgt Ion: 91 Resp: 200411
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.3





#83
tert-Butylbenzene
Concen: 50.728 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

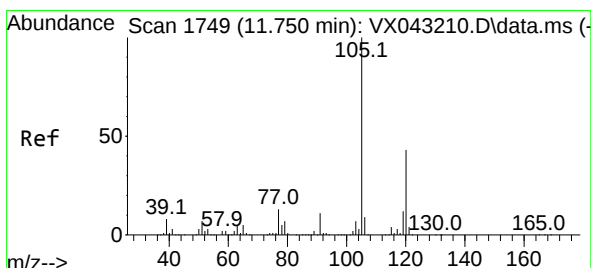
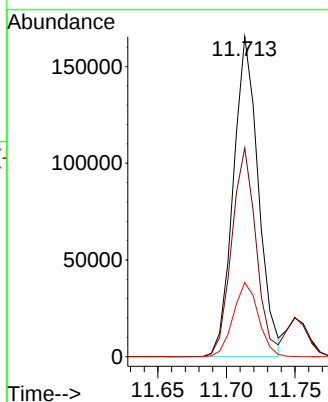
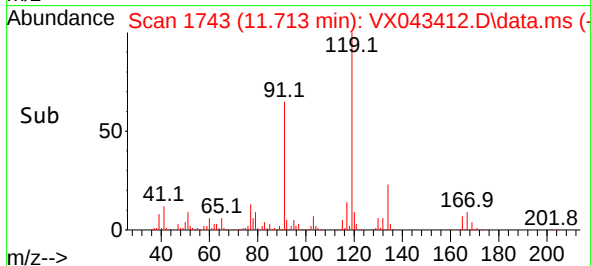
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



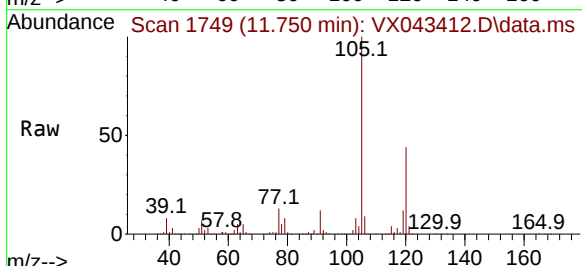
Tgt Ion:119 Resp: 209633
Ion Ratio Lower Upper
119 100
91 64.0 31.0 93.0
134 23.3 11.5 34.4

Manual Integrations
APPROVED

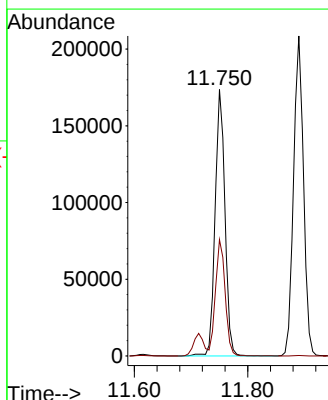
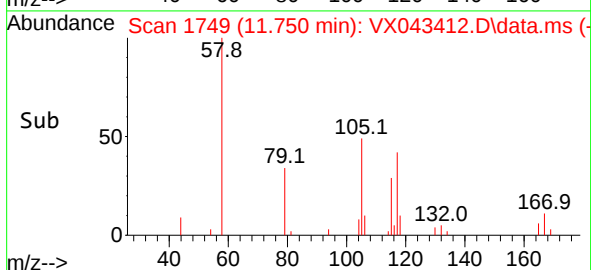
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.757 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47



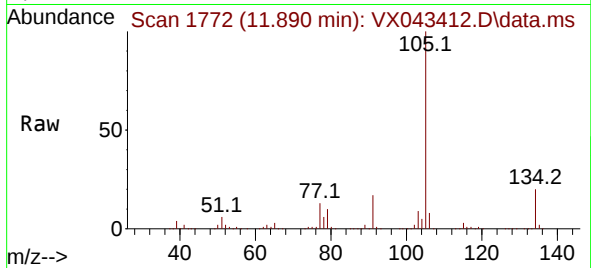
Tgt Ion:105 Resp: 208886
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.843 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX043412.D
 Acq: 15 Oct 2024 17:47

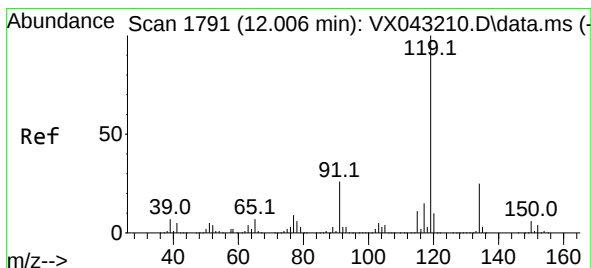
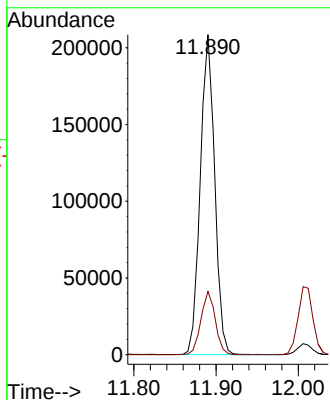
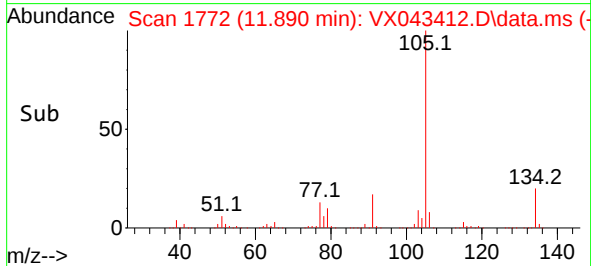
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



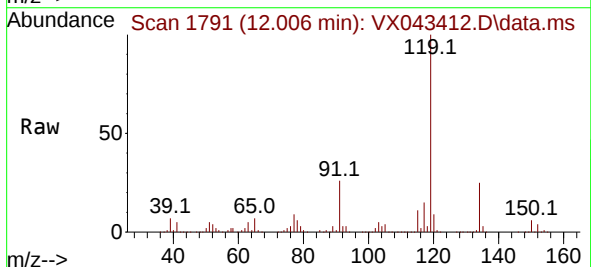
Tgt Ion:105 Resp: 25397
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

Manual Integrations
 APPROVED

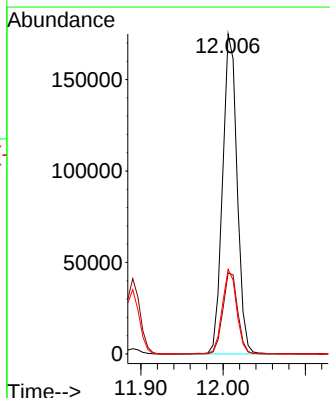
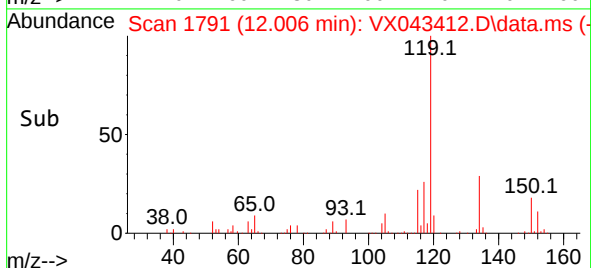
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024



#86
 p-Isopropyltoluene
 Concen: 52.598 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX043412.D
 Acq: 15 Oct 2024 17:47



Tgt Ion:119 Resp: 214976
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 26.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.374 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 10709

Ion Ratio Lower Upper

146 100

111 42.5 21.8 65.3

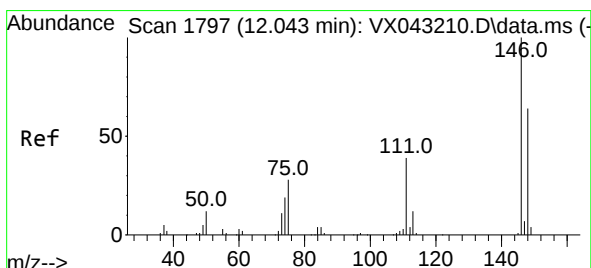
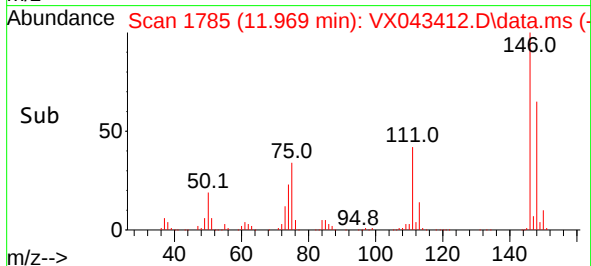
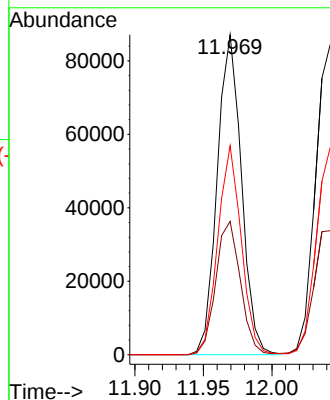
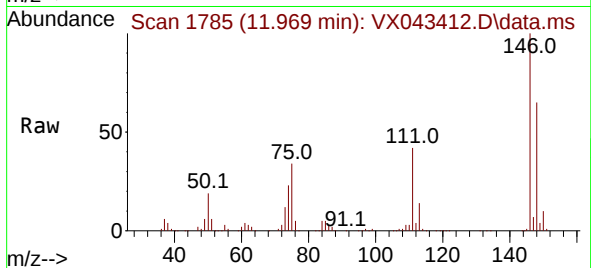
148 63.6 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#88

1,4-Dichlorobenzene

Concen: 48.978 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

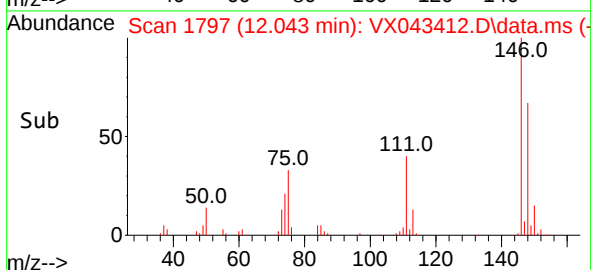
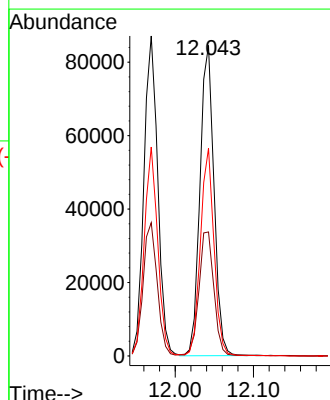
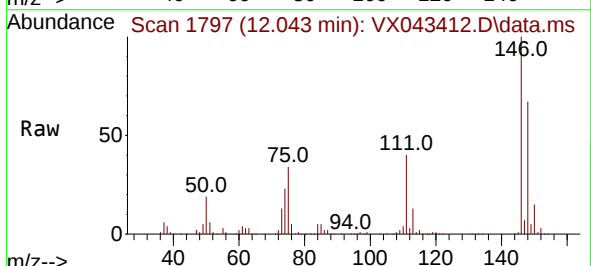
Tgt Ion:146 Resp: 105259

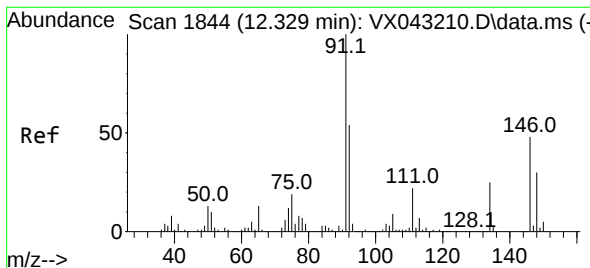
Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.5

148 64.7 32.4 97.0





#89

n-Butylbenzene

Concen: 53.899 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 184429

Ion Ratio Lower Upper

91 100

92 53.6 27.0 81.0

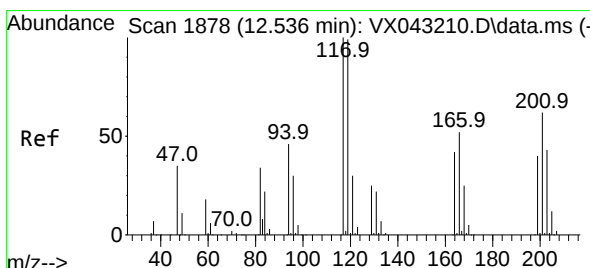
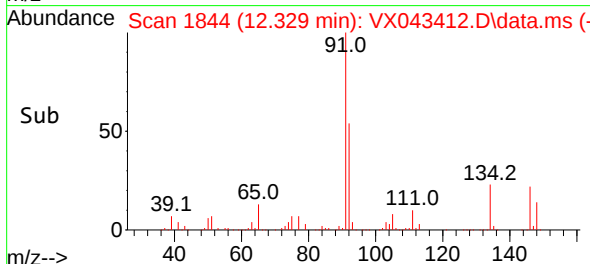
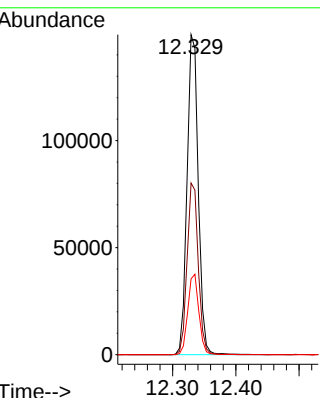
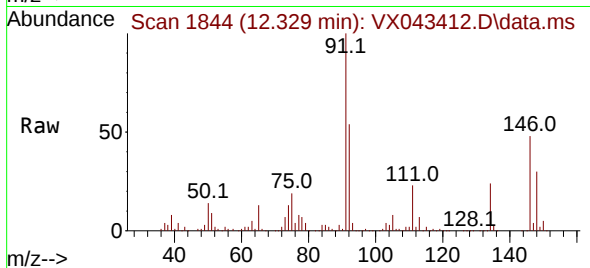
134 24.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#90

Hexachloroethane

Concen: 49.127 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043412.D

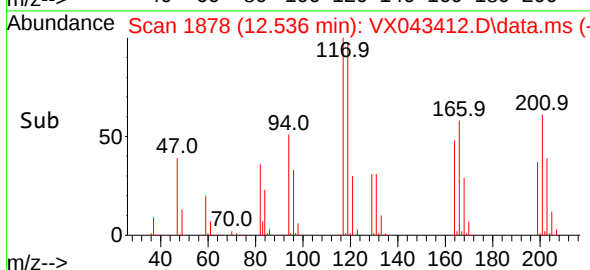
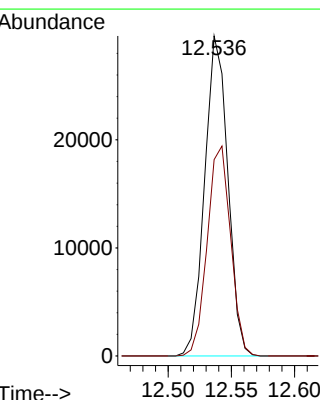
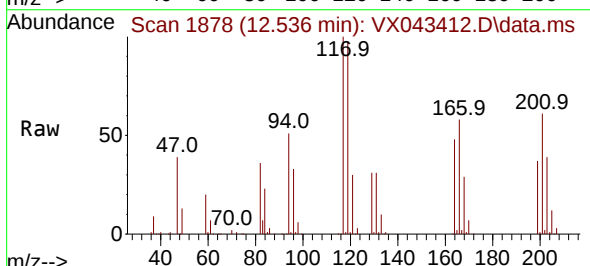
Acq: 15 Oct 2024 17:47

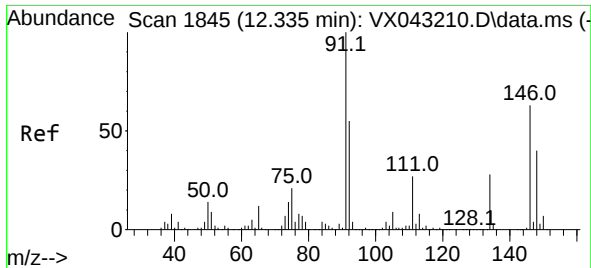
Tgt Ion:117 Resp: 37657

Ion Ratio Lower Upper

117 100

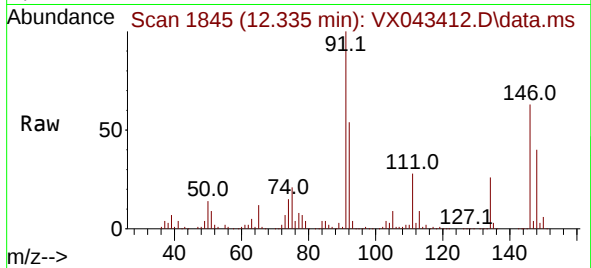
201 66.3 34.0 101.8





#91
1,2-Dichlorobenzene
Concen: 51.211 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

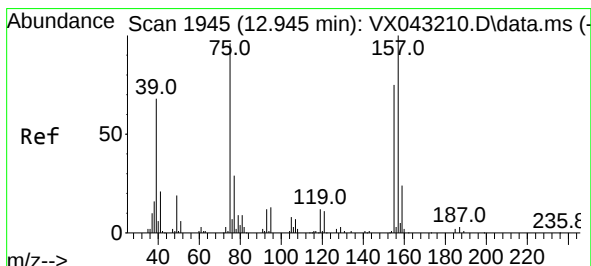
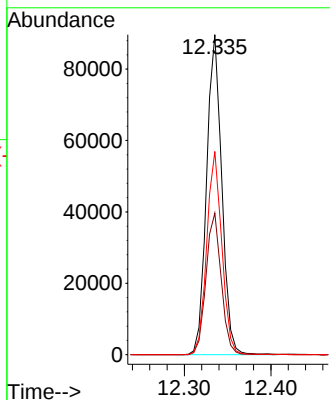
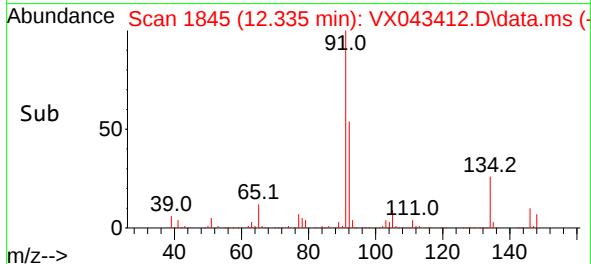
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



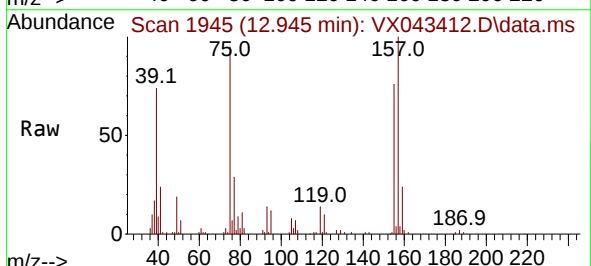
Tgt Ion:146 Resp: 109172
Ion Ratio Lower Upper
146 100
111 44.3 21.9 65.5
148 63.0 31.9 95.5

Manual Integrations
APPROVED

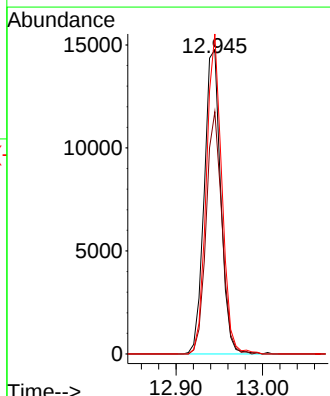
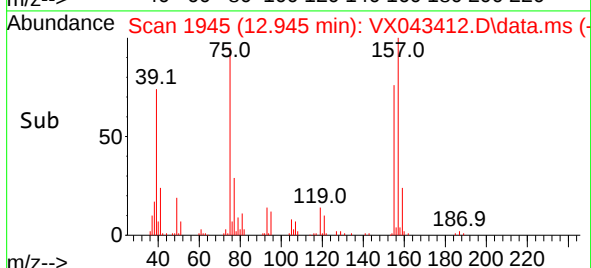
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

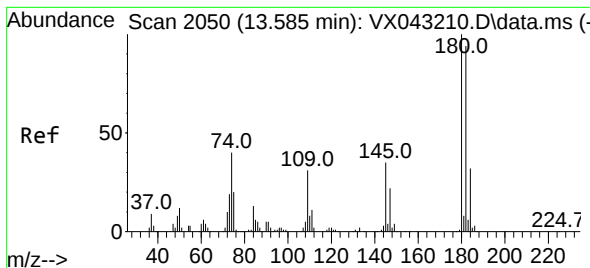


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.432 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47



Tgt Ion: 75 Resp: 19505
Ion Ratio Lower Upper
75 100
155 76.3 38.8 116.4
157 98.8 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 52.562 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

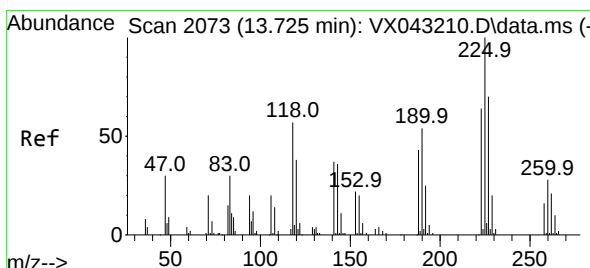
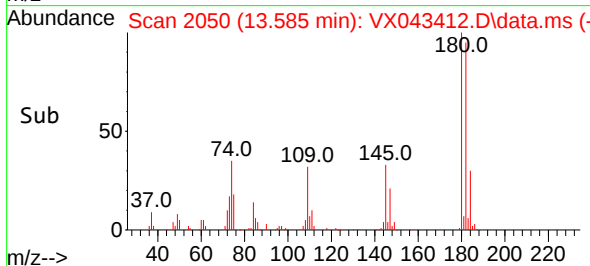
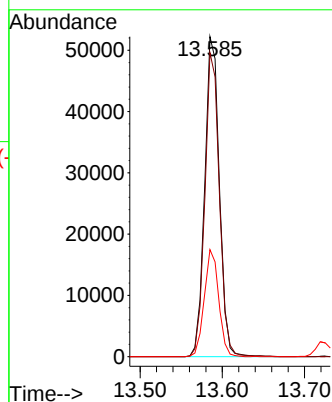
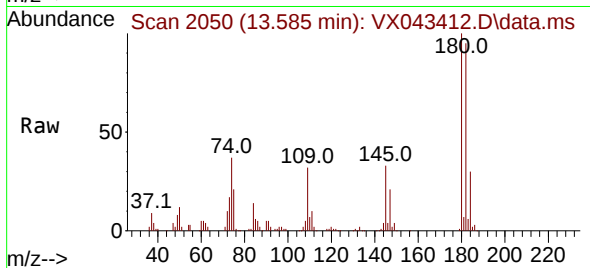
Tgt Ion:180	Resp:	64598
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.1 141.3
145	33.0	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#94

Hexachlorobutadiene

Concen: 53.682 ug/l

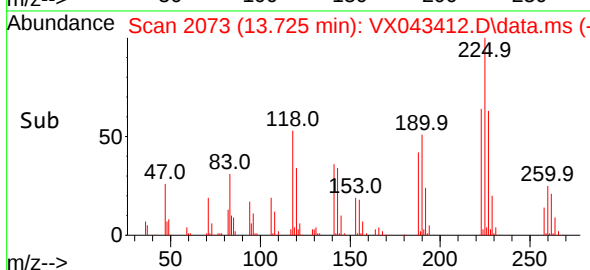
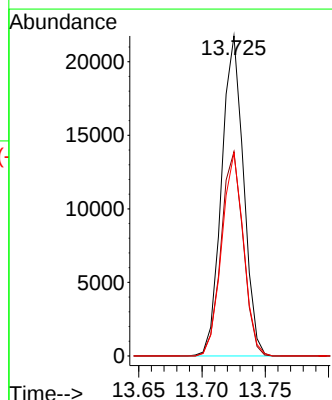
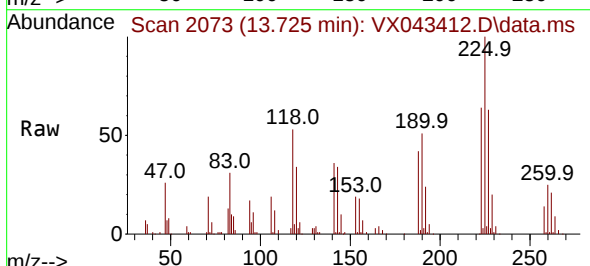
RT: 13.725 min Scan# 2073

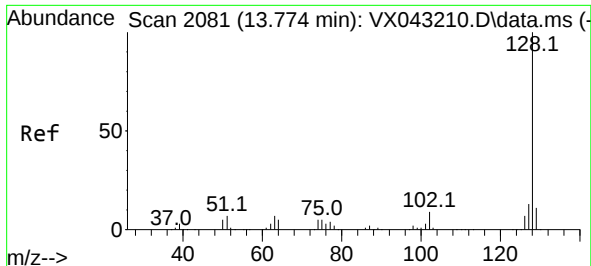
Delta R.T. 0.000 min

Lab File: VX043412.D

Acq: 15 Oct 2024 17:47

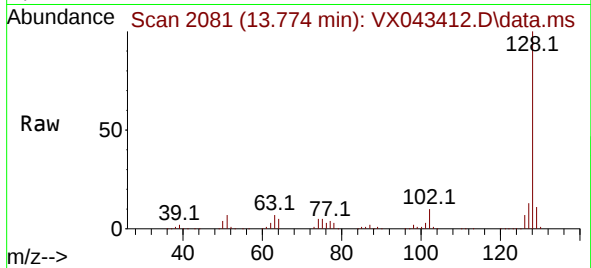
Tgt Ion:225	Resp:	26154
Ion Ratio	Lower	Upper
225	100	
223	64.2	30.8 92.4
227	63.0	32.2 96.6





#95
Naphthalene
Concen: 51.465 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

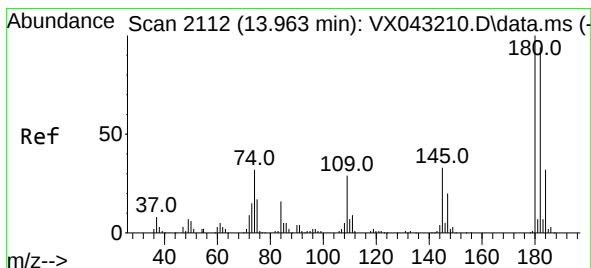
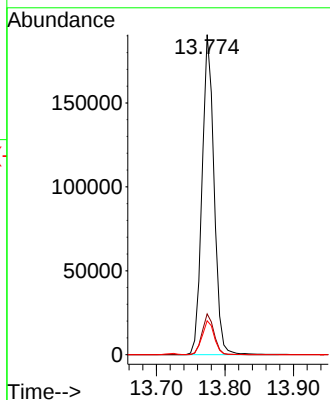
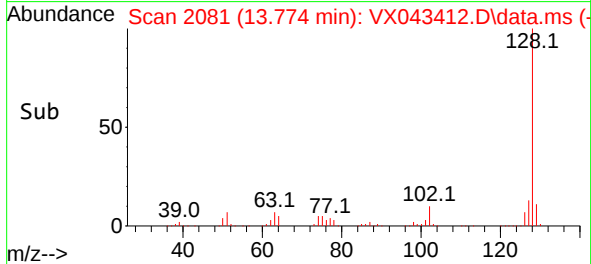
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 232518
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.988 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043412.D
Acq: 15 Oct 2024 17:47

Tgt Ion:180 Resp: 65922
Ion Ratio Lower Upper
180 100
182 94.2 46.5 139.3
145 35.4 17.2 51.6

