

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032564.D
 Acq On : 04 Nov 2022 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 04 23:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75243	51.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.720%			
35) Dibromofluoromethane	5.385	113	59985	51.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.647	98	202115	49.949	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.900%			
62) 4-Bromofluorobenzene	11.079	95	84252	53.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61411	50.499	ug/l	97
3) Chloromethane	1.294	50	50124	48.738	ug/l	96
4) Vinyl Chloride	1.374	62	55919	49.405	ug/l	97
5) Bromomethane	1.618	94	47706	52.742	ug/l	96
6) Chloroethane	1.691	64	51957	68.426	ug/l	100
7) Trichlorofluoromethane	1.886	101	108729	50.698	ug/l	96
8) Diethyl Ether	2.130	74	35580	51.195	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	58558	51.733	ug/l	99
10) Methyl Iodide	2.453	142	70385	55.678	ug/l	99
11) Tert butyl alcohol	2.989	59	43306	203.089	ug/l	100
12) 1,1-Dichloroethene	2.319	96	53053	50.172	ug/l	96
13) Acrolein	2.239	56	63550	298.532	ug/l	100
14) Allyl chloride	2.666	41	87016	51.623	ug/l	98
15) Acrylonitrile	3.062	53	139481	241.021	ug/l	99
16) Acetone	2.386	43	135752	254.944	ug/l	100
17) Carbon Disulfide	2.514	76	123041	48.853	ug/l	98
18) Methyl Acetate	2.703	43	89291	51.567	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	196120	52.770	ug/l	100
20) Methylene Chloride	2.788	84	60862	49.851	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	58044	50.430	ug/l	98
22) Diisopropyl ether	3.757	45	197525	54.177	ug/l	95
23) Vinyl Acetate	3.721	43	780048	264.816	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108831	51.895	ug/l	99
25) 2-Butanone	4.556	43	196969	238.763	ug/l	99
26) 2,2-Dichloropropane	4.477	77	93212	55.914	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	70047	52.650	ug/l	99
28) Bromochloromethane	4.898	49	35467	47.480	ug/l	100
29) Tetrahydrofuran	5.001	42	123641	235.039	ug/l	100
30) Chloroform	5.086	83	124271	54.003	ug/l	99
31) Cyclohexane	5.471	56	90473	50.932	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	111755	54.119	ug/l	99
36) 1,1-Dichloropropene	5.690	75	84908	52.397	ug/l	100
37) Ethyl Acetate	4.708	43	78220	46.372	ug/l	99
38) Carbon Tetrachloride	5.672	117	99349	55.276	ug/l	99
39) Methylcyclohexane	7.379	83	101388	52.881	ug/l	98
40) Benzene	6.038	78	243027	52.997	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45434	52.874	ug/l	98
42) 1,2-Dichloroethane	6.086	62	104099	55.533	ug/l	100
43) Isopropyl Acetate	6.336	43	135106	52.167	ug/l	99
44) Trichloroethene	7.123	130	66856	51.790	ug/l	98
45) 1,2-Dichloropropane	7.428	63	62955	53.481	ug/l	99
46) Dibromomethane	7.580	93	48044	53.218	ug/l	99
47) Bromodichloromethane	7.824	83	95710	55.938	ug/l	99
48) Methyl methacrylate	7.690	41	69175	51.716	ug/l	99
49) 1,4-Dioxane	7.696	88	22070	865.797	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	410403	251.578	ug/l	100
52) Toluene	8.720	92	160596	53.678	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101857	58.346	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105041	56.256	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	67774	53.789	ug/l	99
56) Ethyl methacrylate	9.116	69	99838	55.061	ug/l	99
57) 1,3-Dichloropropane	9.305	76	110005	54.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	236560	270.948	ug/l	100
59) 2-Hexanone	9.427	43	305687	252.540	ug/l	100
60) Dibromochloromethane	9.519	129	77354	56.207	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71376	53.463	ug/l	99
64) Tetrachloroethene	9.275	164	57659	53.446	ug/l	97
65) Chlorobenzene	10.079	112	177182	53.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	68972	55.505	ug/l	99
67) Ethyl Benzene	10.195	91	322160	54.565	ug/l	100
68) m/p-Xylenes	10.299	106	250255	109.155	ug/l	99
69) o-Xylene	10.640	106	123485	55.397	ug/l	99
70) Styrene	10.653	104	207237	55.941	ug/l	99
71) Bromoform	10.799	173	56188	57.190	ug/l #	99
73) Isopropylbenzene	10.963	105	333292	52.136	ug/l	100
74) N-amyl acetate	10.842	43	126431	52.343	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	101730	49.577	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93636m	52.171	ug/l	
77) Bromobenzene	11.195	156	81560	52.040	ug/l	99
78) n-propylbenzene	11.305	91	392590	53.302	ug/l	100
79) 2-Chlorotoluene	11.366	91	231261	52.429	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	292586	53.551	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30222	53.581	ug/l	98
82) 4-Chlorotoluene	11.457	91	275491	53.375	ug/l	100
83) tert-Butylbenzene	11.713	119	285055	52.258	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	290790	53.512	ug/l	100
85) sec-Butylbenzene	11.890	105	355541	54.169	ug/l	100
86) p-Isopropyltoluene	12.012	119	304368	54.650	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	156111	52.805	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	160982	52.488	ug/l	98
89) n-Butylbenzene	12.335	91	270803	55.891	ug/l	100
90) Hexachloroethane	12.536	117	51605	56.728	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	155508	53.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22160	49.254	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	99361	52.276	ug/l	99
94) Hexachlorobutadiene	13.725	225	42613	53.681	ug/l	98
95) Naphthalene	13.774	128	311575	49.196	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	97943	50.692	ug/l	100

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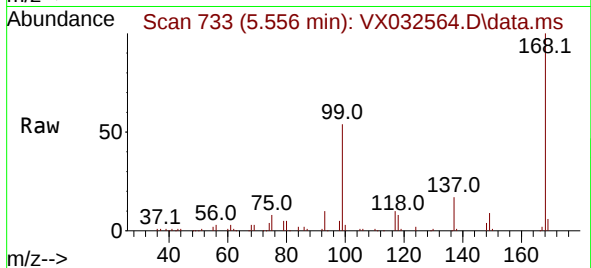
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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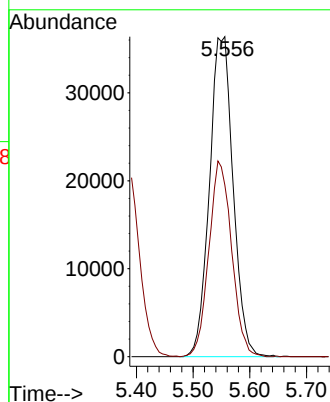
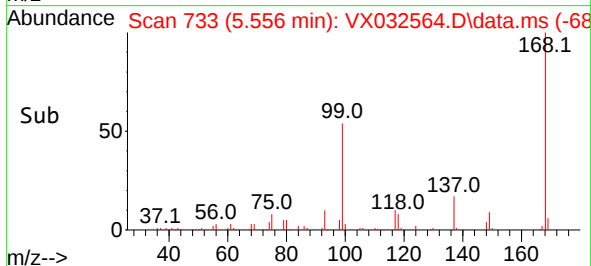
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 105439
Ion Ratio Lower Upper
168 100
99 53.6 46.1 69.1

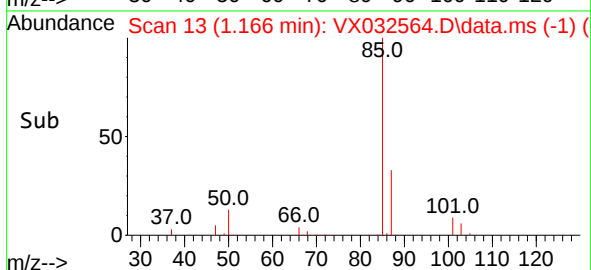
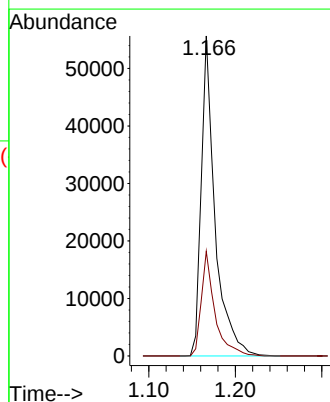
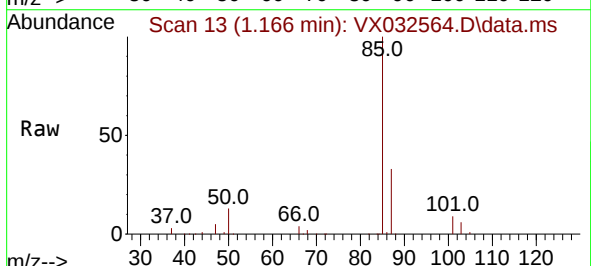
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#2
Dichlorodifluoromethane
Concen: 50.499 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion: 85 Resp: 61411
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.7





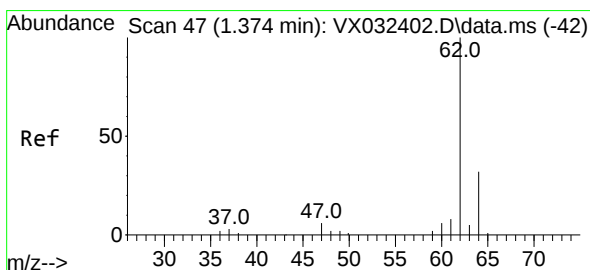
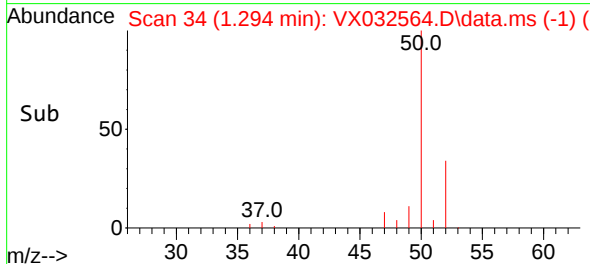
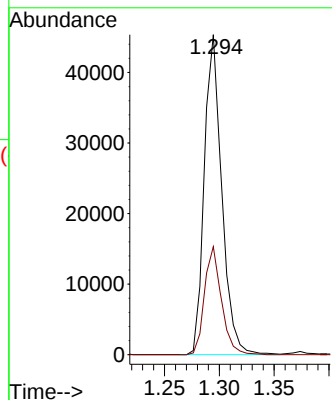
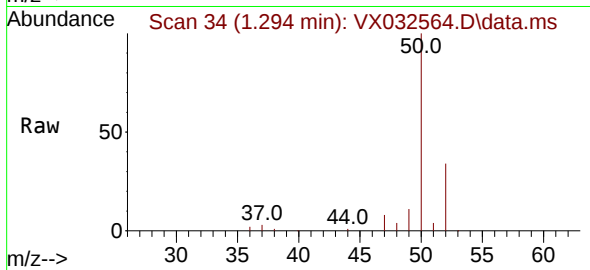
#3
Chloromethane
Concen: 48.738 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 50124
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2

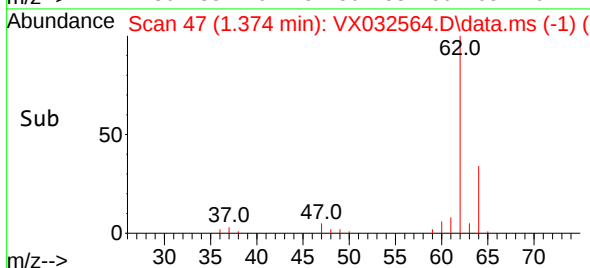
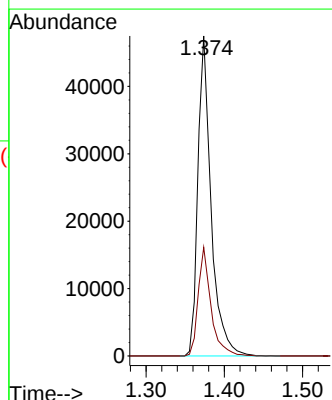
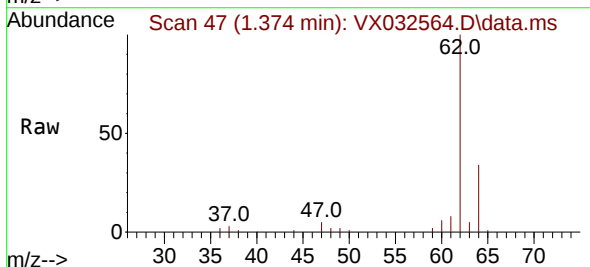
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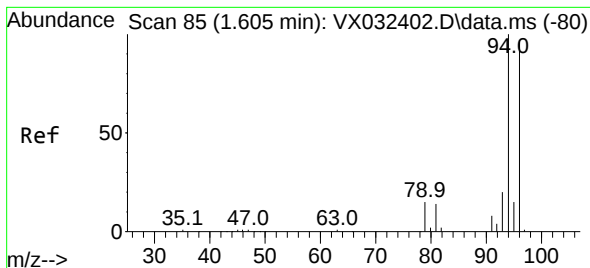
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#4
Vinyl Chloride
Concen: 49.405 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion: 62 Resp: 55919
Ion Ratio Lower Upper
62 100
64 33.9 25.8 38.6





#5

Bromomethane

Concen: 52.742 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 47700

Ion Ratio Lower Upper

94 100

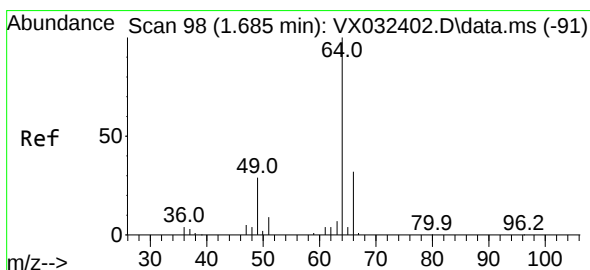
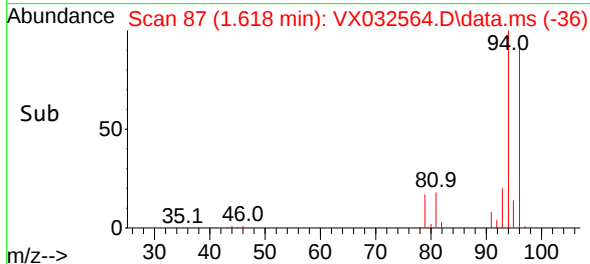
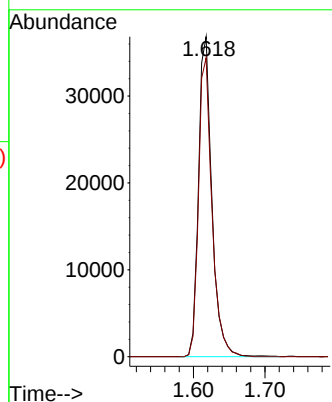
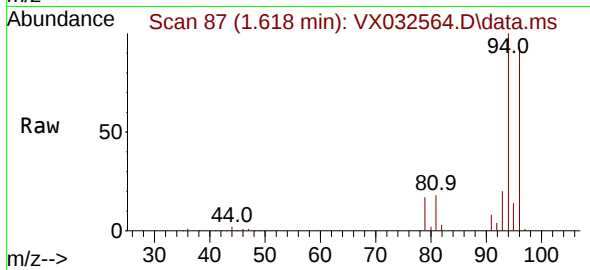
96 93.4 77.6 116.4

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/07/2022



#6

Chloroethane

Concen: 68.426 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX032564.D

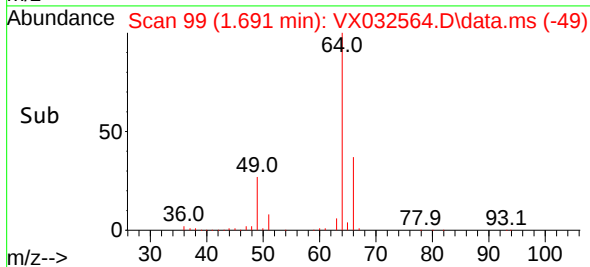
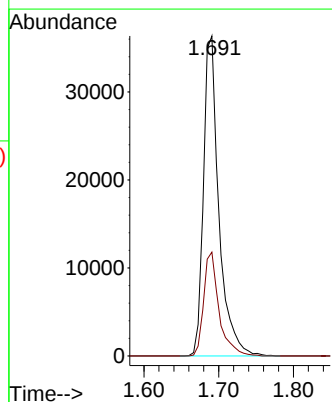
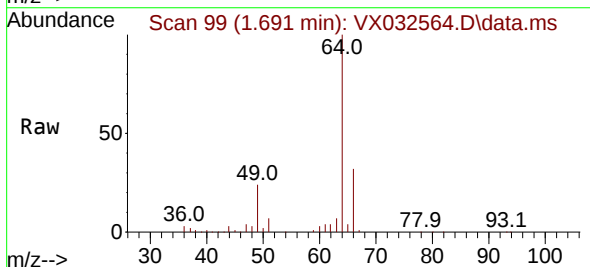
Acq: 04 Nov 2022 10:18

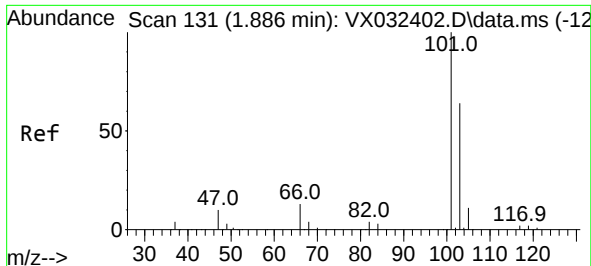
Tgt Ion: 64 Resp: 51957

Ion Ratio Lower Upper

64 100

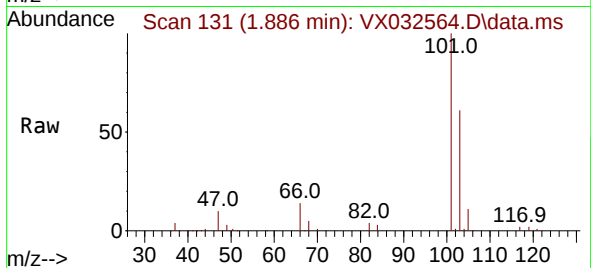
66 32.5 26.0 39.0





#7
Trichlorofluoromethane
Concen: 50.698 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX032564.D
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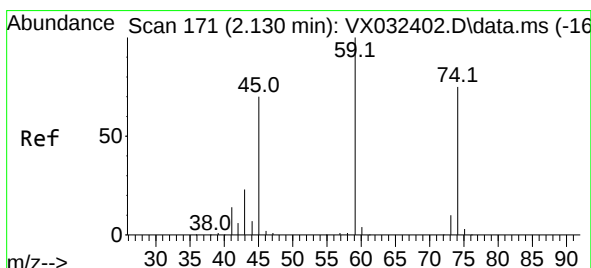
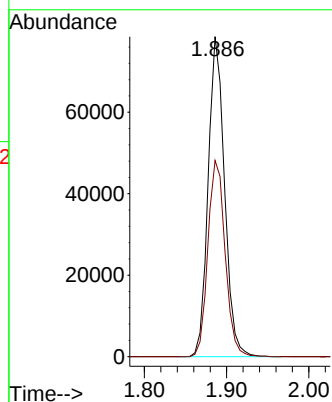
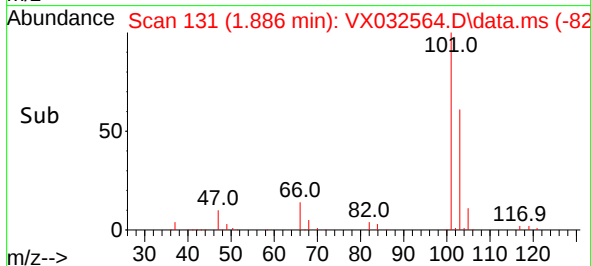
Instrument :
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Tgt Ion:101 Resp: 108729
Ion Ratio Lower Upper
101 100
103 61.3 51.4 77.2

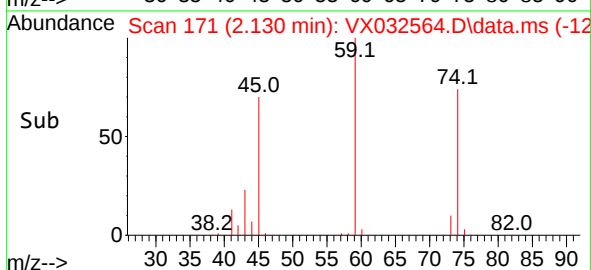
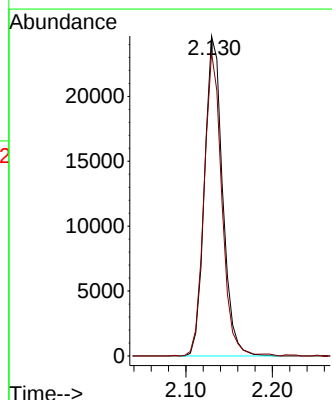
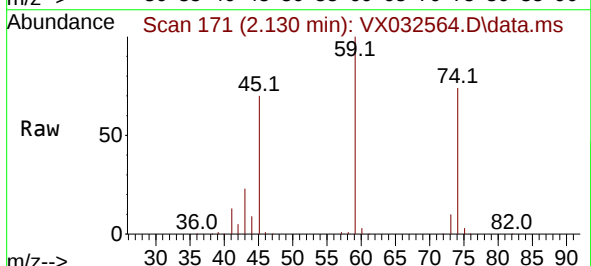
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#8
Diethyl Ether
Concen: 51.195 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion: 74 Resp: 35580
Ion Ratio Lower Upper
74 100
45 93.7 46.6 139.7





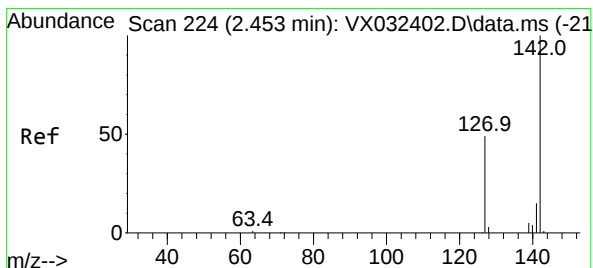
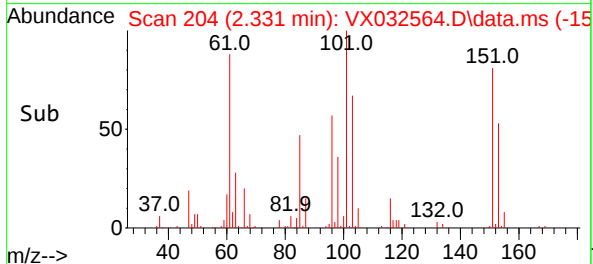
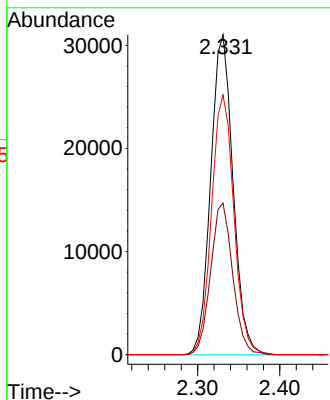
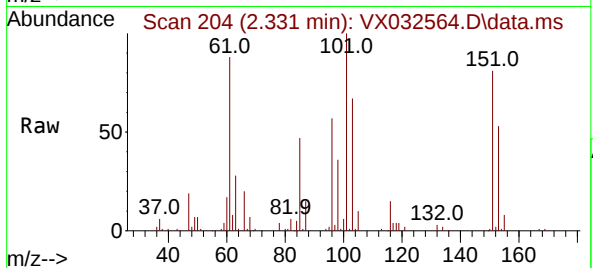
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.733 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 58558
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.4
151 81.3 64.4 96.6

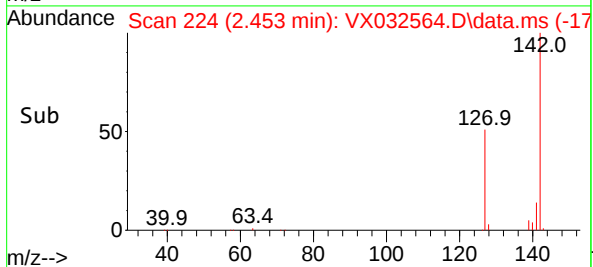
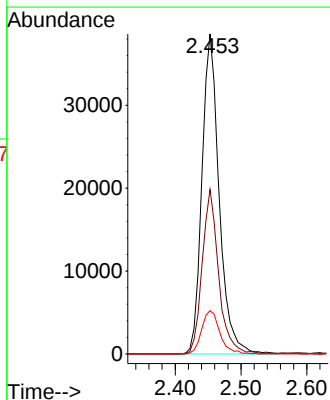
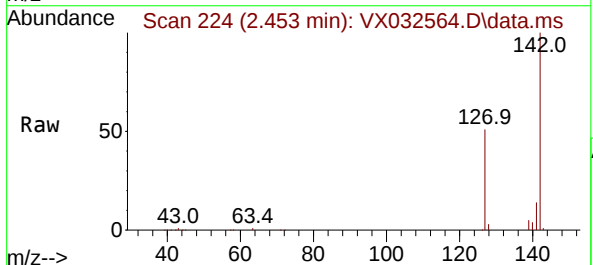
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#10
Methyl Iodide
Concen: 55.678 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion:142 Resp: 70385
Ion Ratio Lower Upper
142 100
127 49.1 38.6 57.8
141 14.3 11.4 17.2





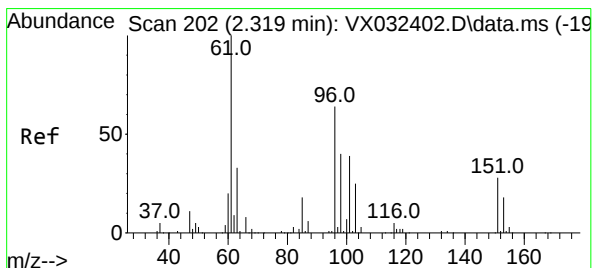
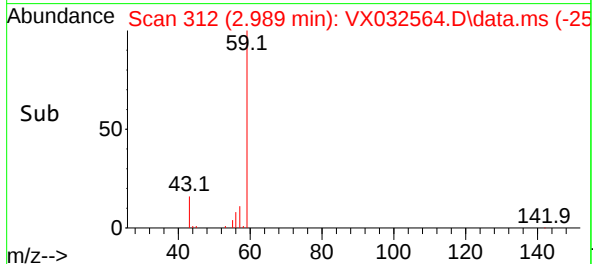
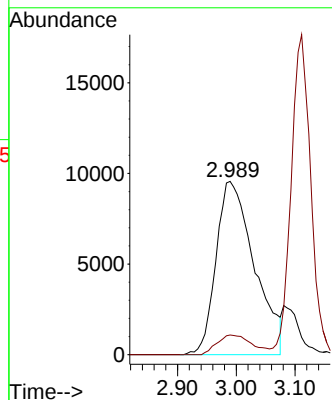
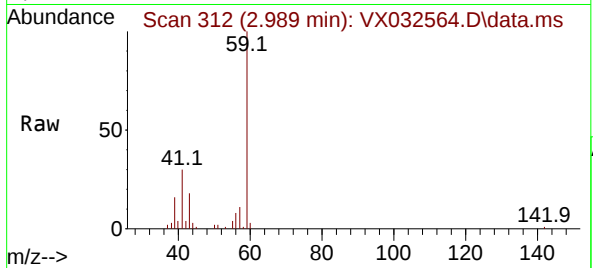
#11
Tert butyl alcohol
Concen: 203.089 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 43300
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

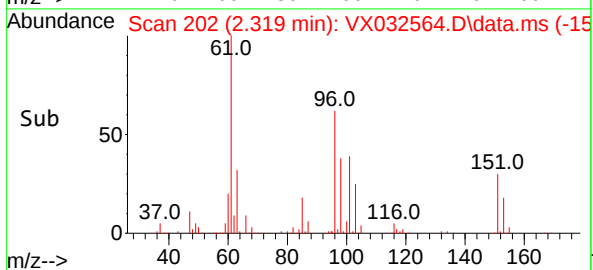
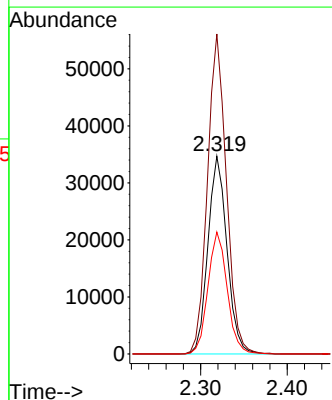
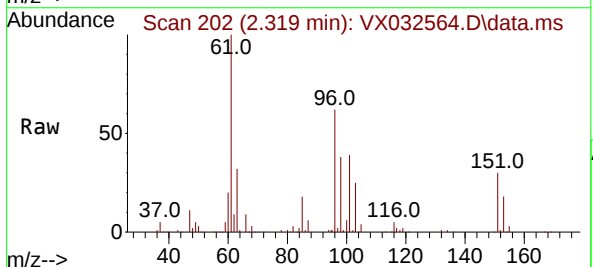
Manual Integrations
APPROVED

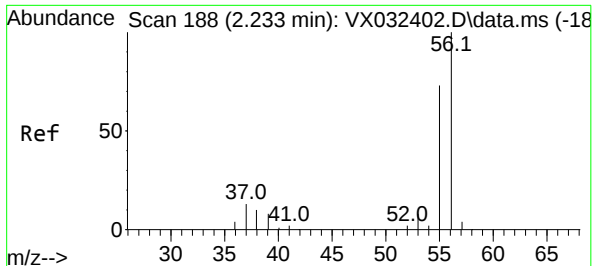
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#12
1,1-Dichloroethene
Concen: 50.172 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

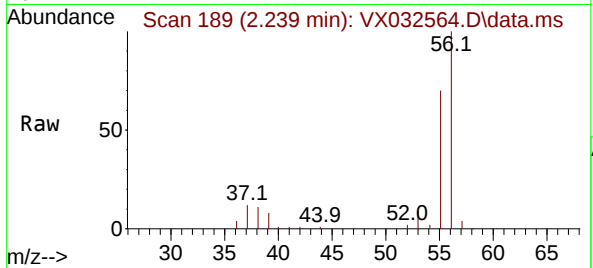
Tgt Ion: 96 Resp: 53053
Ion Ratio Lower Upper
96 100
61 161.8 125.1 187.7
98 61.6 50.6 76.0





#13
Acrolein
Concen: 298.532 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

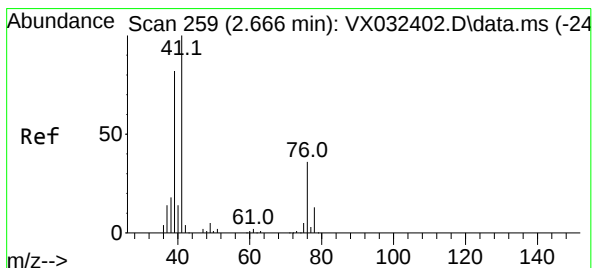
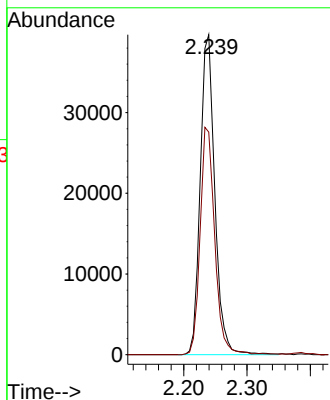
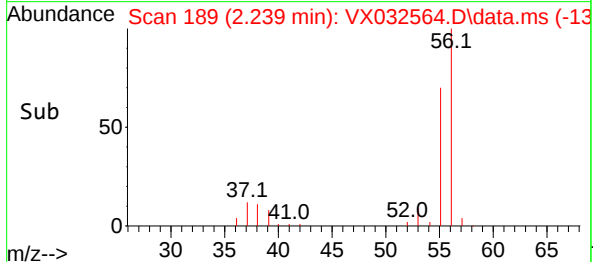
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



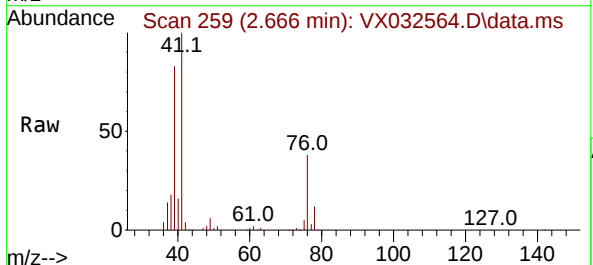
Tgt Ion: 56 Resp: 63550
Ion Ratio Lower Upper
56 100
55 71.3 56.9 85.3

Manual Integrations
APPROVED

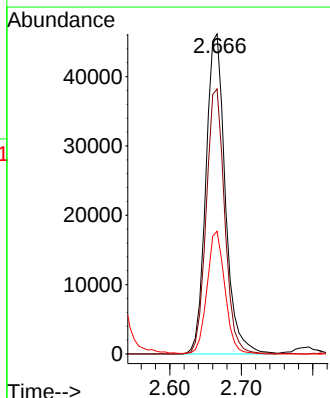
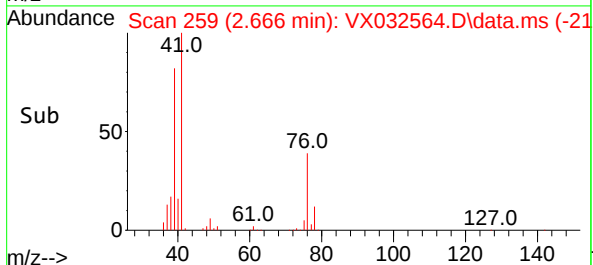
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#14
Allyl chloride
Concen: 51.623 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



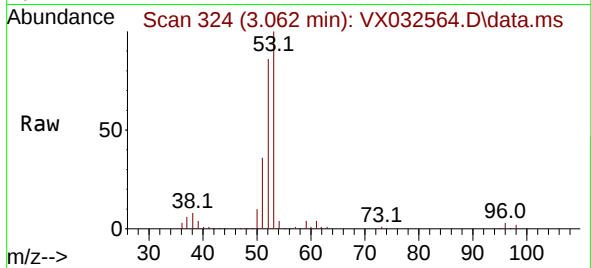
Tgt Ion: 41 Resp: 87016
Ion Ratio Lower Upper
41 100
39 78.5 61.4 92.2
76 35.5 29.2 43.8





#15
Acrylonitrile
Concen: 241.021 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

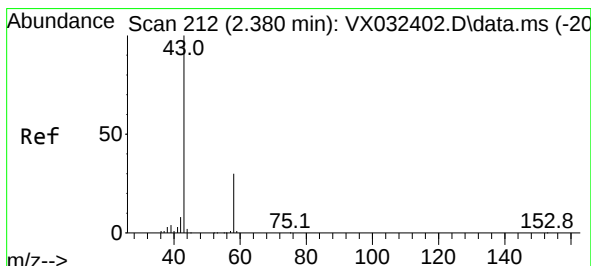
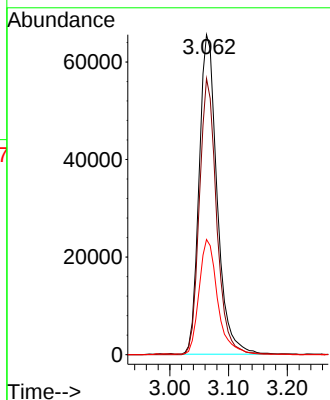
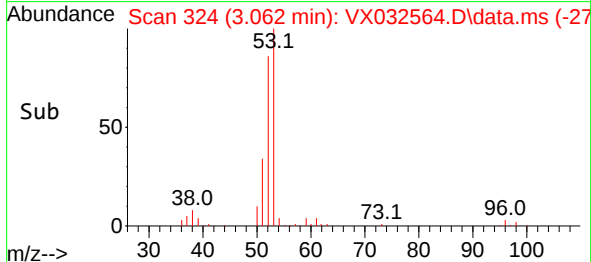
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



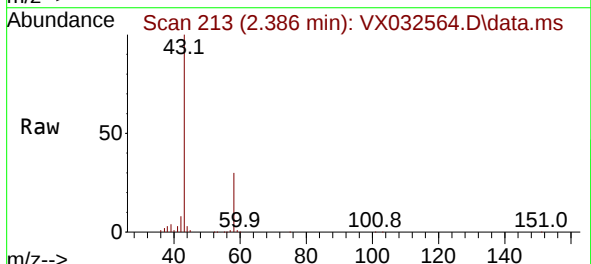
Tgt Ion: 53 Resp: 13948
Ion Ratio Lower Upper
53 100
52 83.0 67.4 101.0
51 37.7 30.3 45.5

Manual Integrations
APPROVED

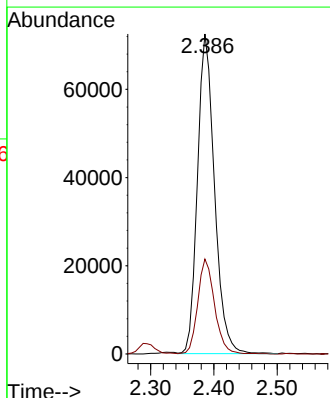
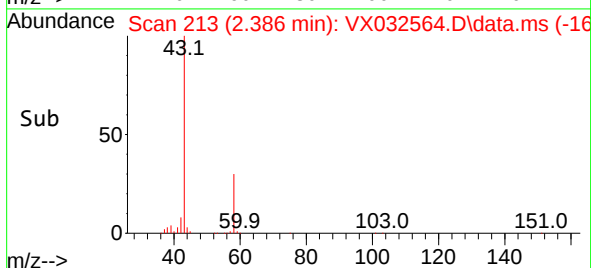
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

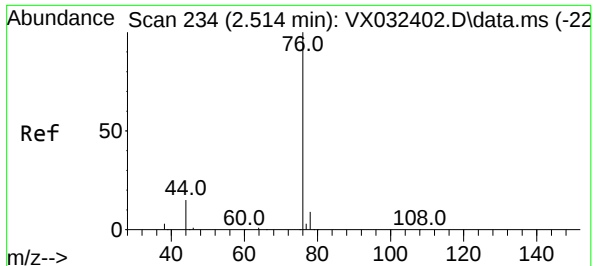


#16
Acetone
Concen: 254.944 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



Tgt Ion: 43 Resp: 135752
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.8





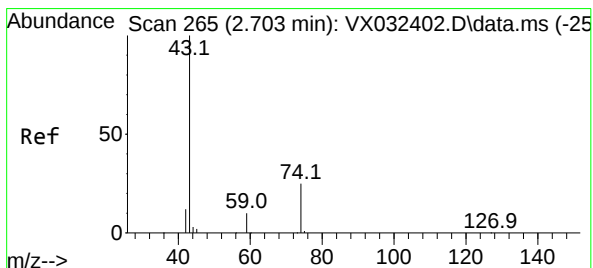
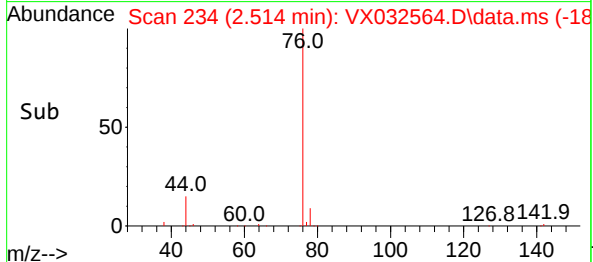
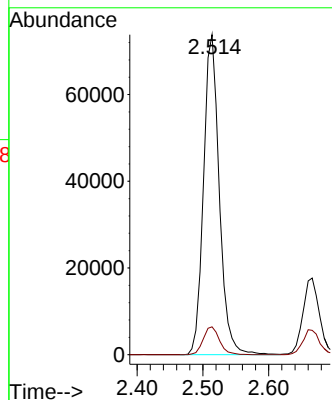
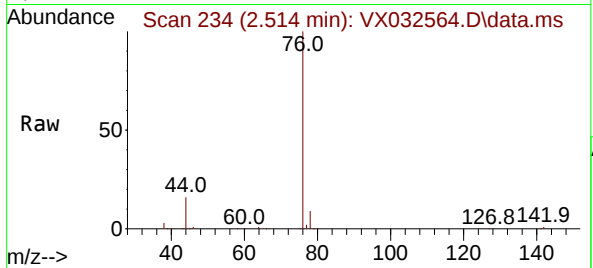
#17
Carbon Disulfide
Concen: 48.853 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12304
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

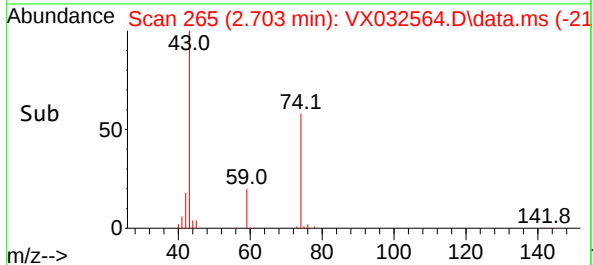
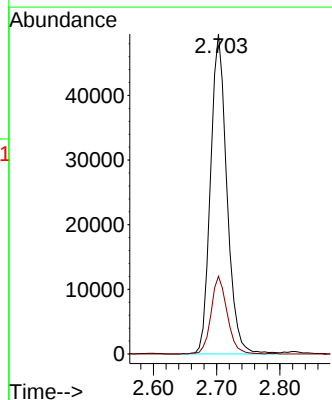
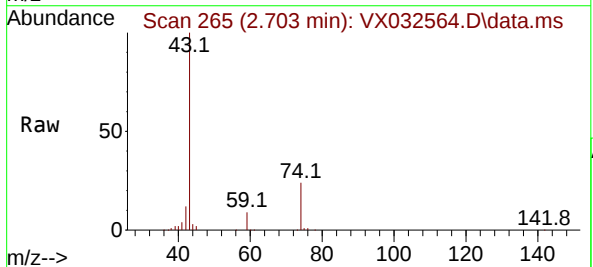
Manual Integrations
APPROVED

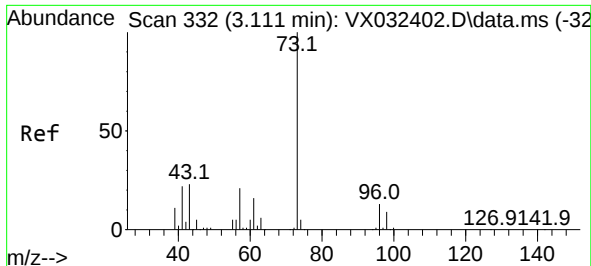
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#18
Methyl Acetate
Concen: 51.567 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion: 43 Resp: 89291
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 52.770 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 196120

Ion Ratio Lower Upper

73 100

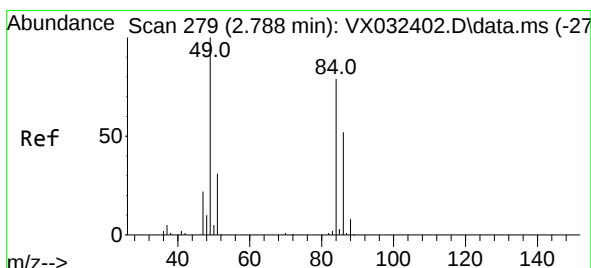
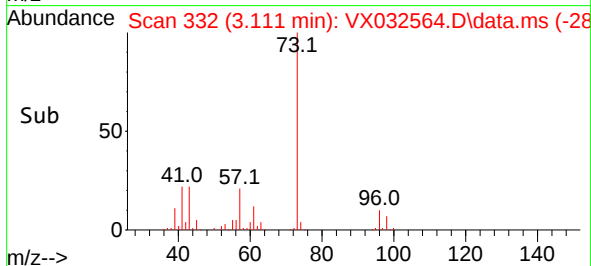
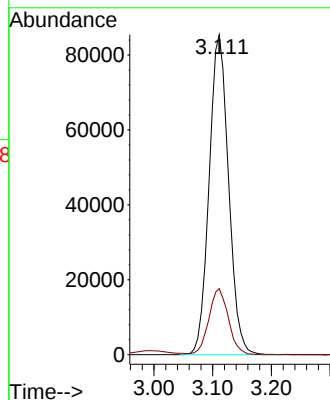
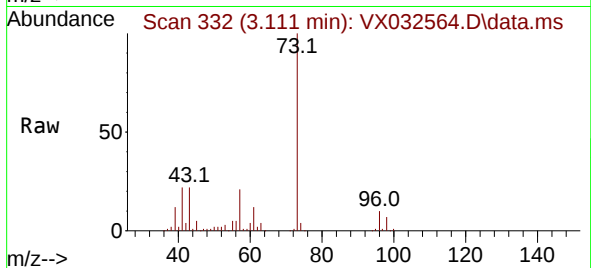
57 20.7 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#20

Methylene Chloride

Concen: 49.851 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Tgt Ion: 84 Resp: 60862

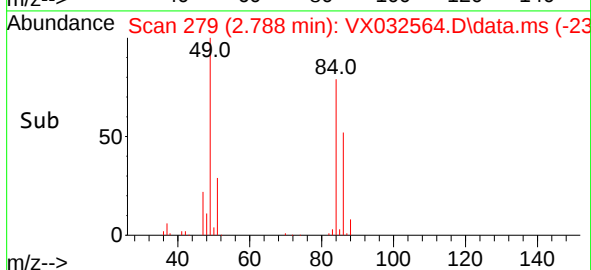
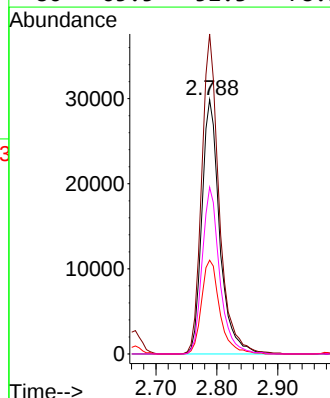
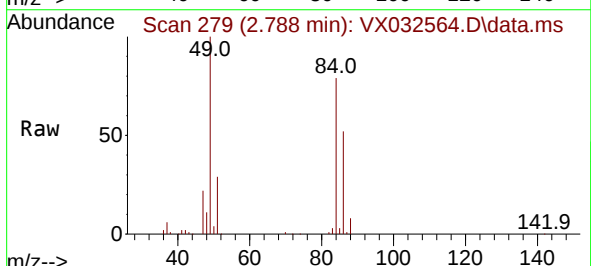
Ion Ratio Lower Upper

84 100

49 125.8 101.0 151.6

51 36.9 31.1 46.7

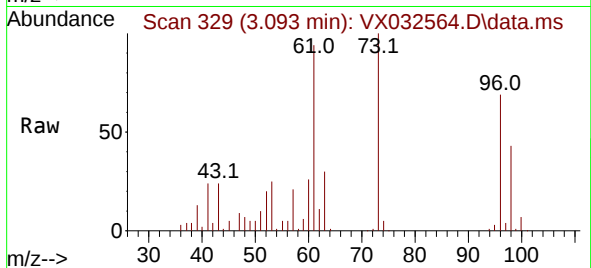
86 65.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.430 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

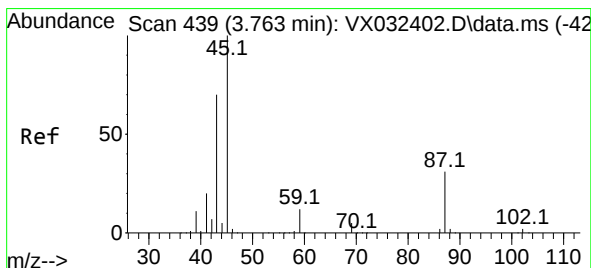
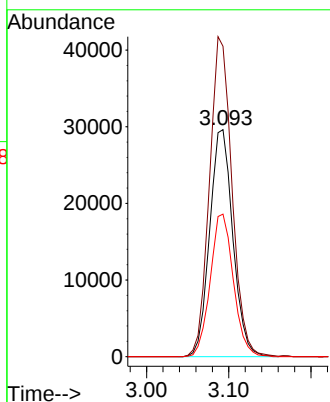
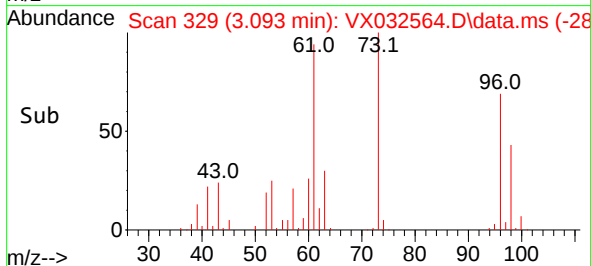
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



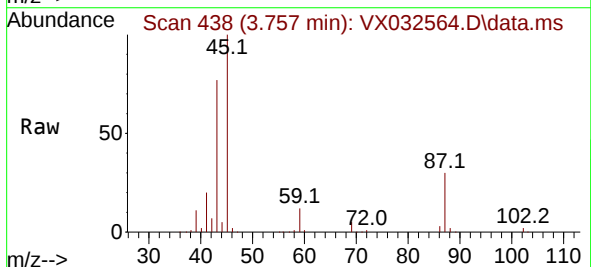
Tgt Ion: 96 Resp: 5804
Ion Ratio Lower Upper
96 100
61 136.7 106.6 160.0
98 62.8 51.0 76.6

Manual Integrations
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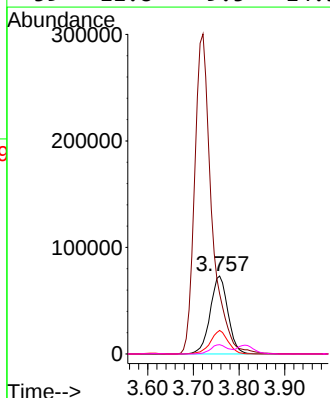
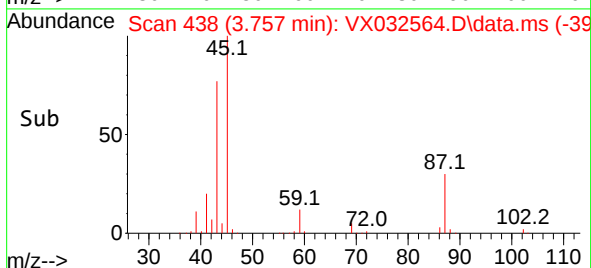
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#22
Diisopropyl ether
Concen: 54.177 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



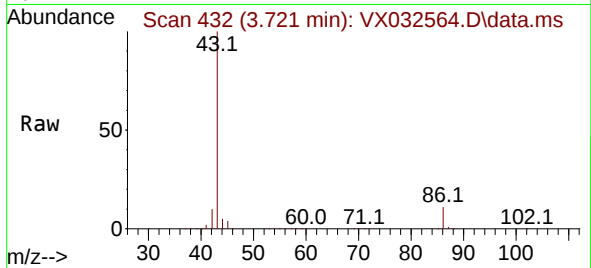
Tgt Ion: 45 Resp: 197525
Ion Ratio Lower Upper
45 100
43 77.0 56.4 84.6
87 30.1 24.4 36.6
59 11.8 9.5 14.3





#23
 Vinyl Acetate
 Concen: 264.816 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032564.D
 Acq: 04 Nov 2022 10:18

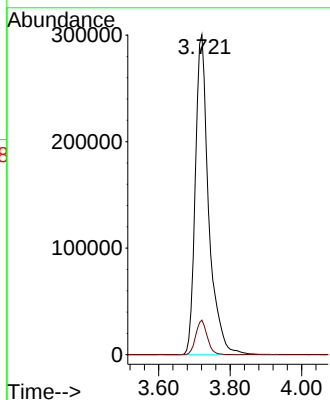
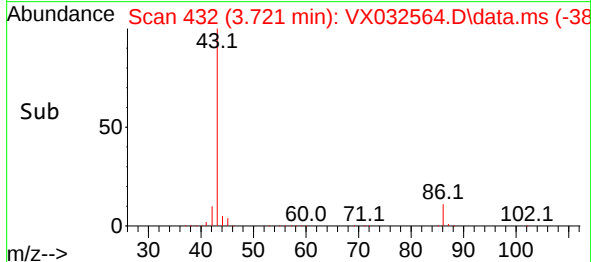
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



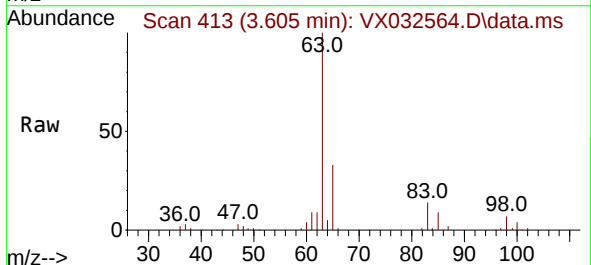
Tgt Ion: 43 Resp: 780048
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

Manual Integrations
 APPROVED

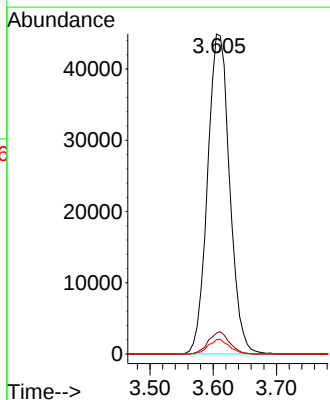
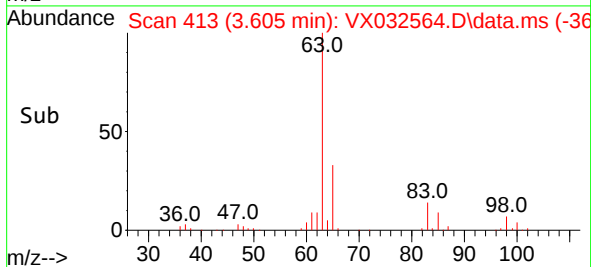
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

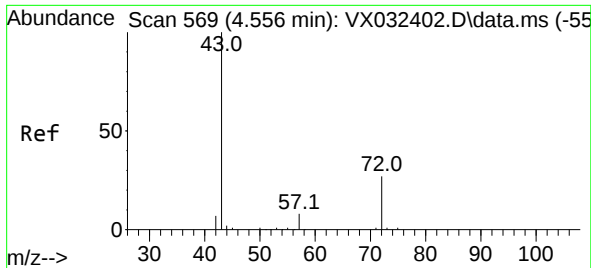


#24
 1,1-Dichloroethane
 Concen: 51.895 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032564.D
 Acq: 04 Nov 2022 10:18



Tgt Ion: 63 Resp: 108831
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.5 2.3 6.8





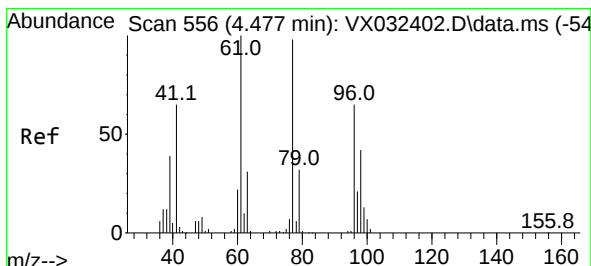
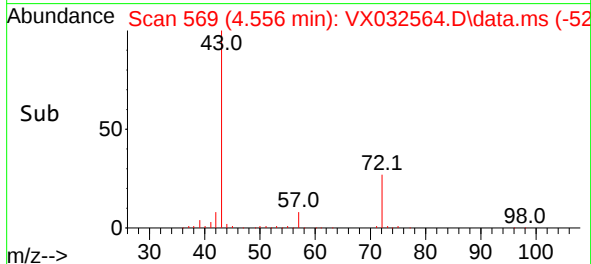
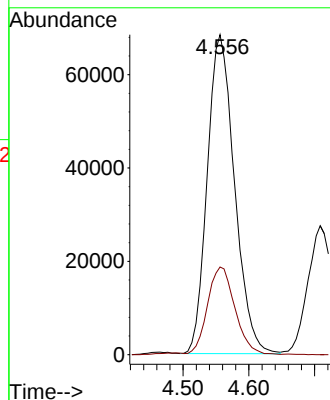
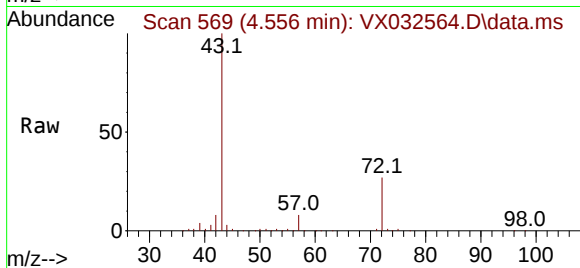
#25
2-Butanone
Concen: 238.763 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19696
Ion Ratio Lower Upper
43 100
72 27.4 22.2 33.2

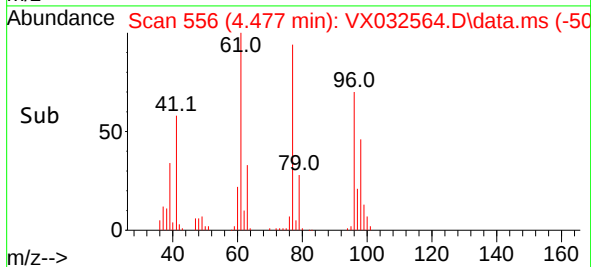
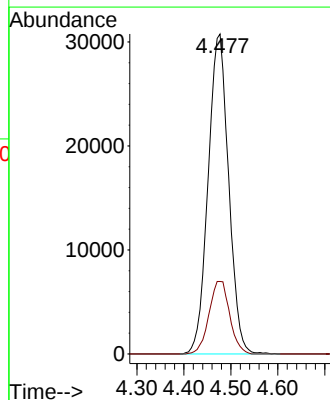
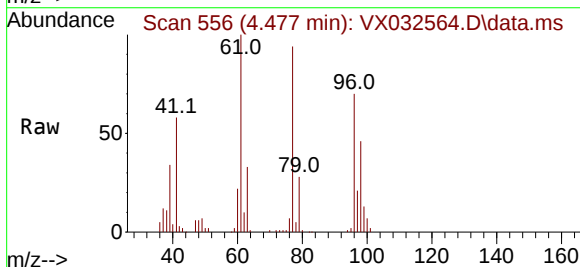
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#26
2,2-Dichloropropane
Concen: 55.914 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion: 77 Resp: 93212
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.650 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7004

Ion Ratio Lower Upper

96 100

61 143.6 0.0 286.0

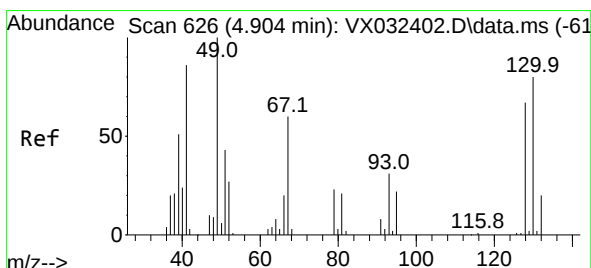
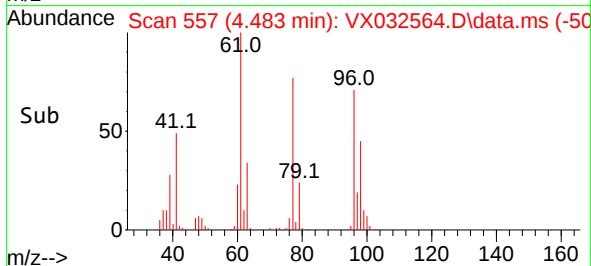
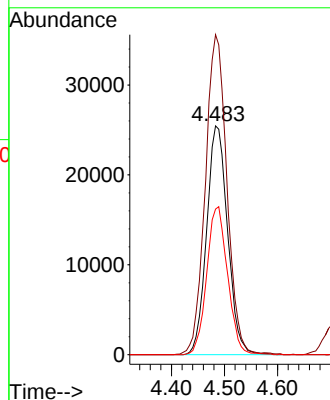
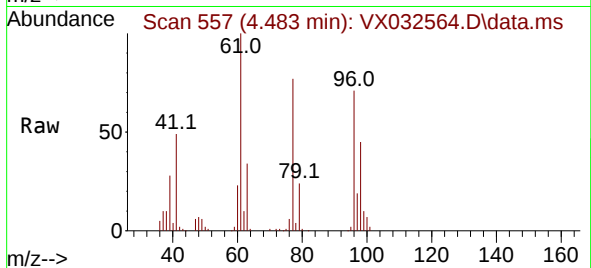
98 64.4 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#28

Bromochloromethane

Concen: 47.480 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

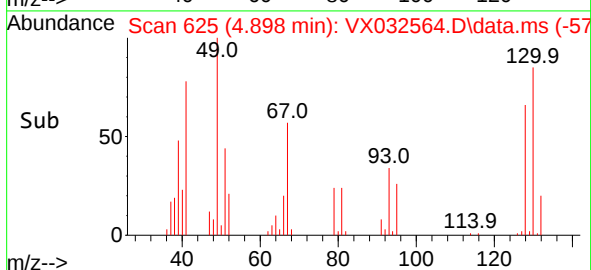
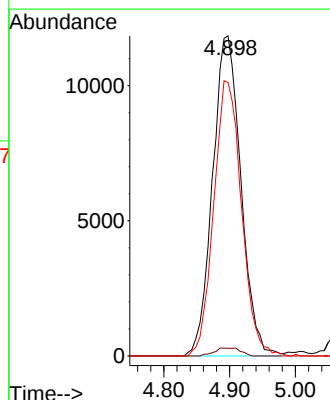
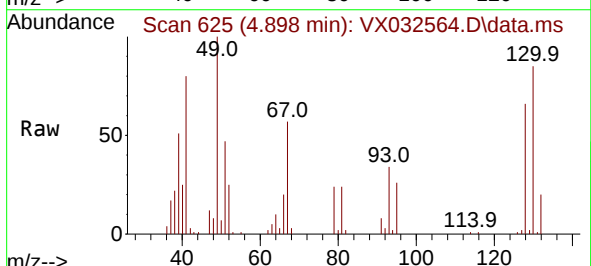
Tgt Ion: 49 Resp: 35467

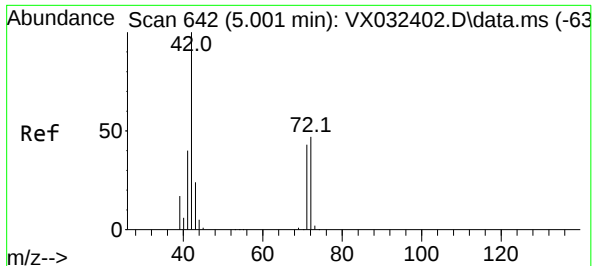
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 84.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 235.039 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 12364

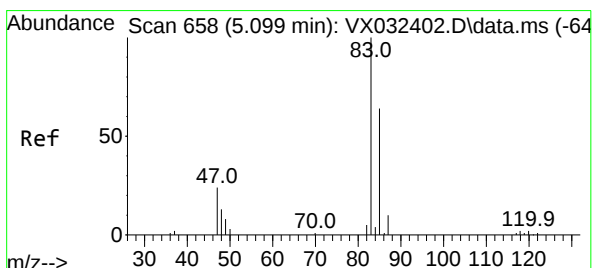
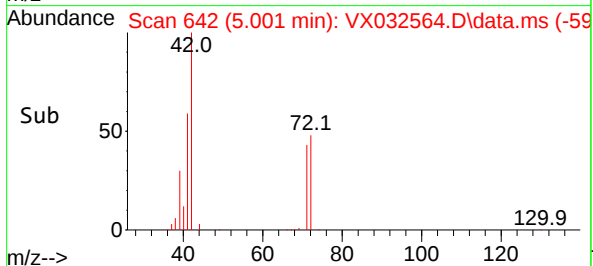
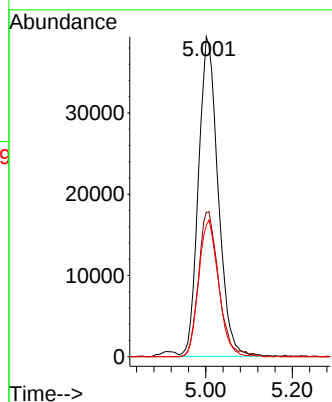
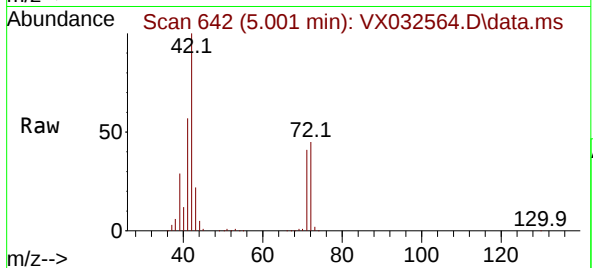
Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.6	56.4
71	43.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#30

Chloroform

Concen: 54.003 ug/l

RT: 5.086 min Scan# 656

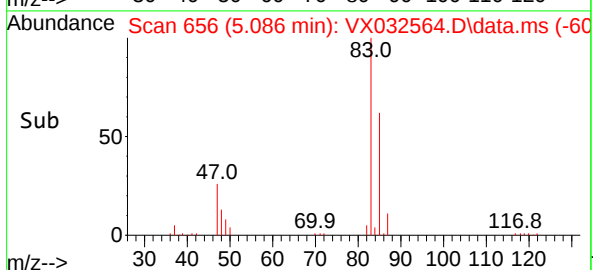
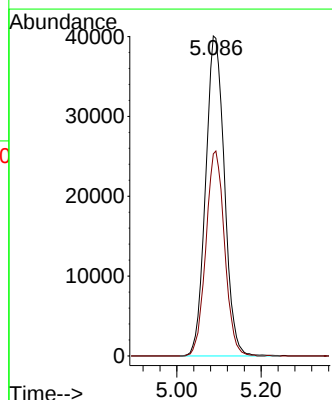
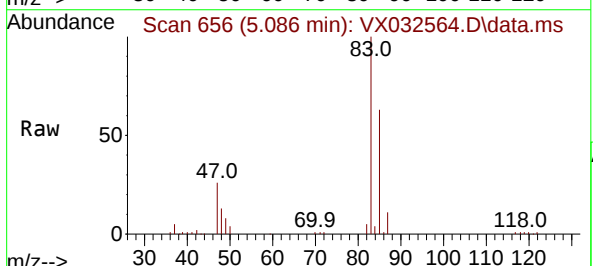
Delta R.T. -0.012 min

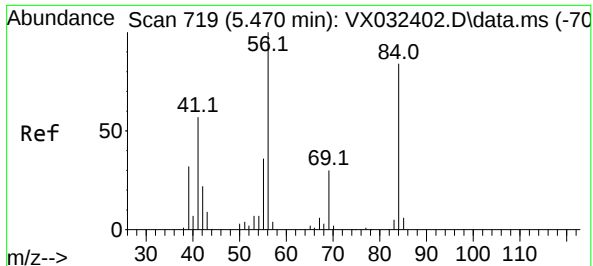
Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Tgt Ion: 83 Resp: 124271

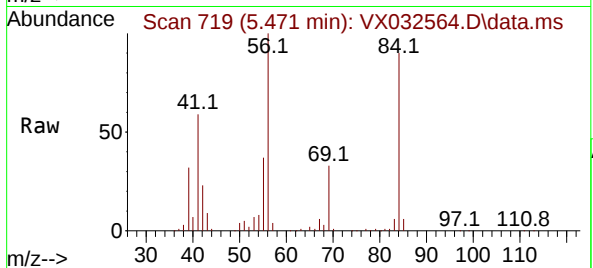
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.1	76.7





#31
Cyclohexane
Concen: 50.932 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

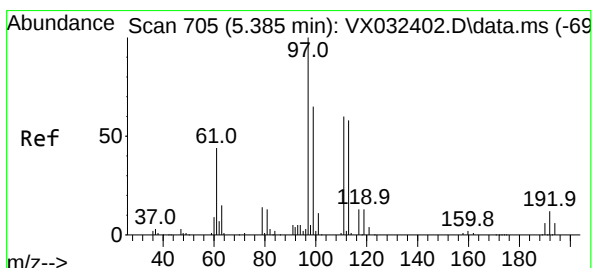
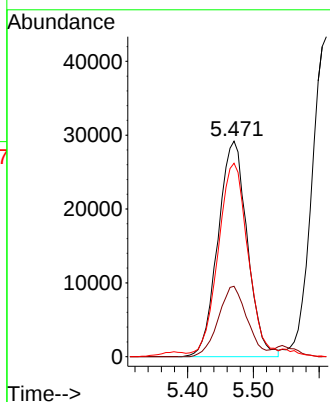
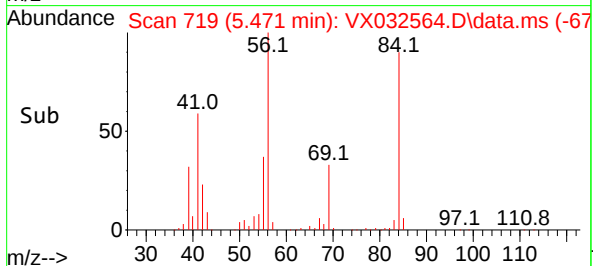
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



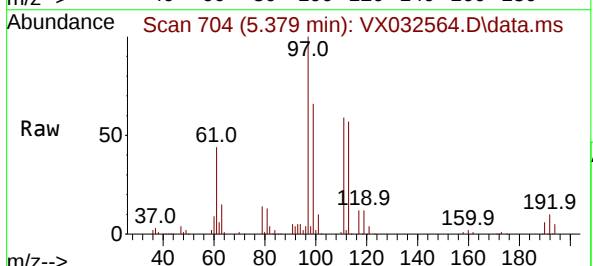
Tgt Ion: 56 Resp: 9047
Ion Ratio Lower Upper
56 100
69 32.7 24.1 36.1
84 87.8 66.9 100.3

Manual Integrations
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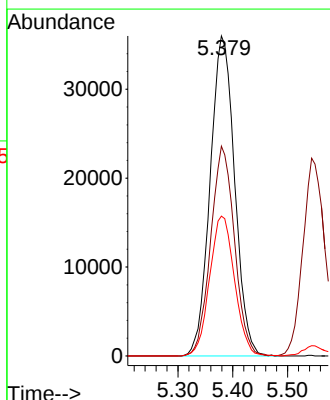
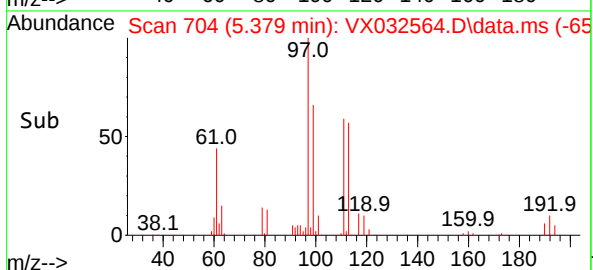
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

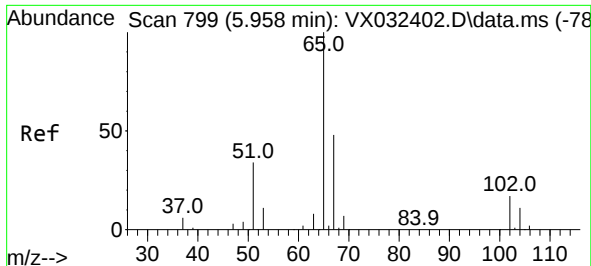


#32
1,1,1-Trichloroethane
Concen: 54.119 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



Tgt Ion: 97 Resp: 111755
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 44.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.359 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7524

Ion Ratio Lower Upper

65 100

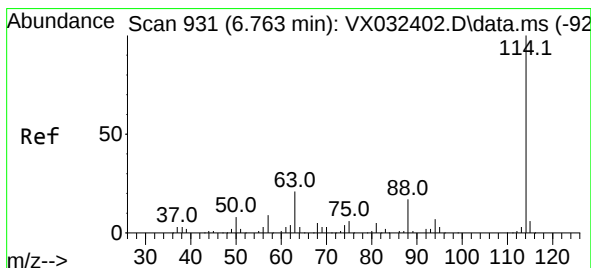
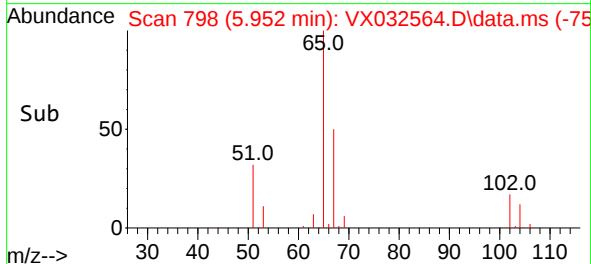
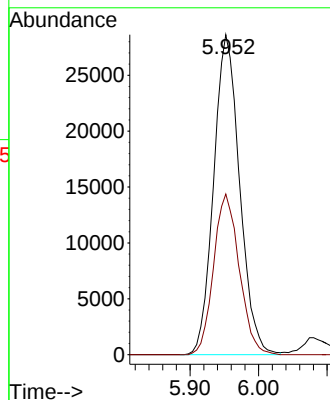
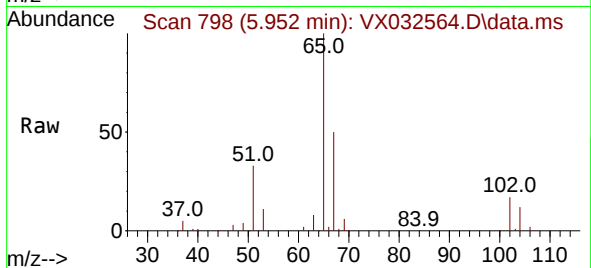
67 49.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

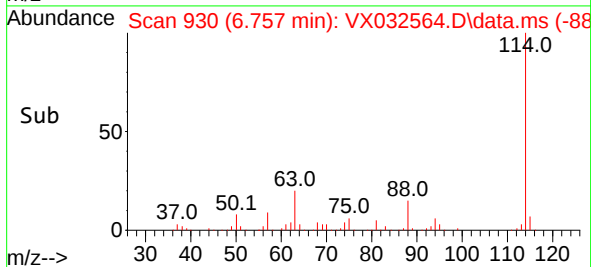
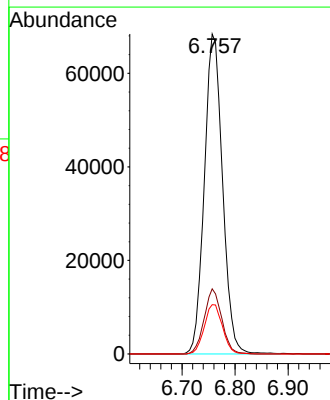
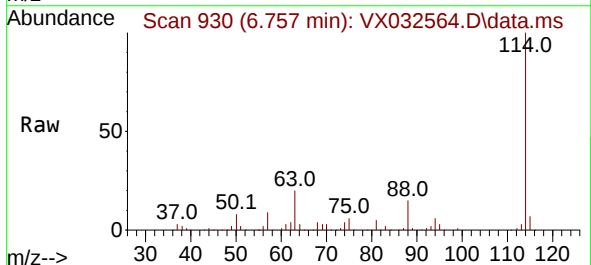
Tgt Ion:114 Resp: 163139

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

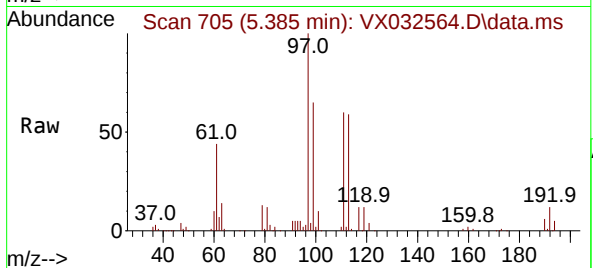
88 15.4 0.0 33.4





#35
Dibromofluoromethane
Concen: 51.547 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

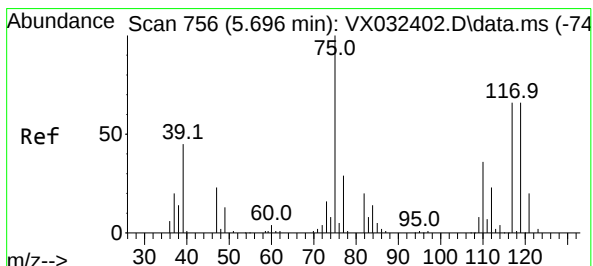
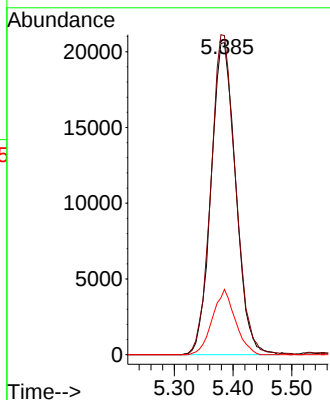
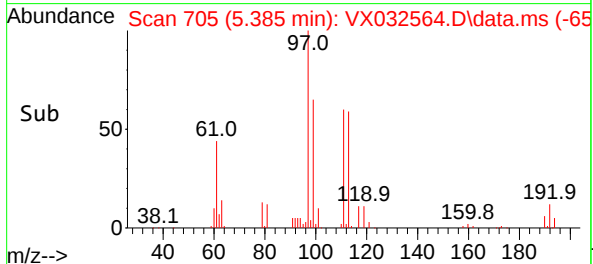
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



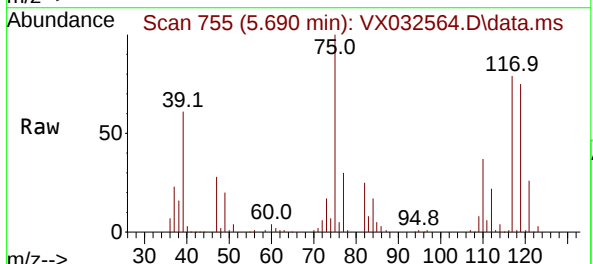
Tgt Ion:113 Resp: 5998
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.4 15.4 23.2

Manual Integrations
APPROVED

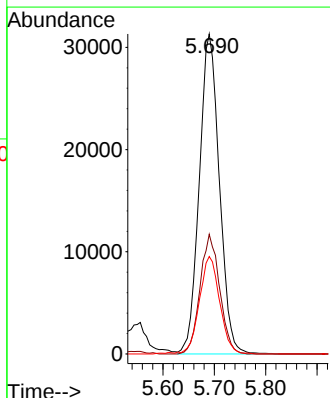
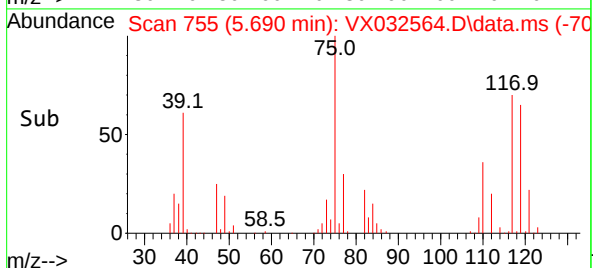
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

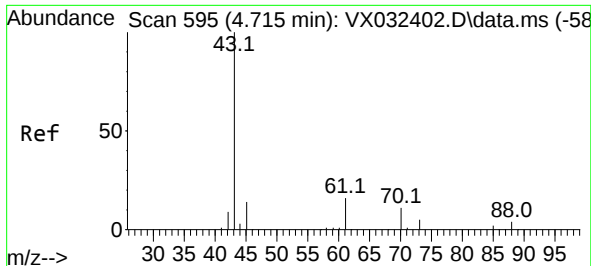


#36
1,1-Dichloropropene
Concen: 52.397 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



Tgt Ion: 75 Resp: 84908
Ion Ratio Lower Upper
75 100
110 36.5 18.4 55.2
77 30.7 24.5 36.7





#37

Ethyl Acetate

Concen: 46.372 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

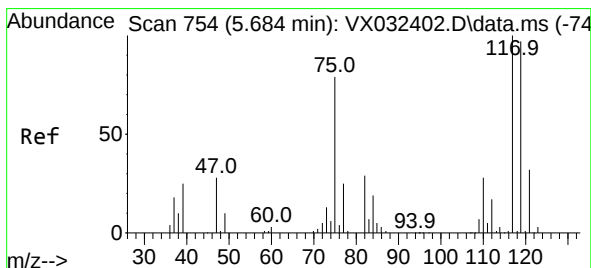
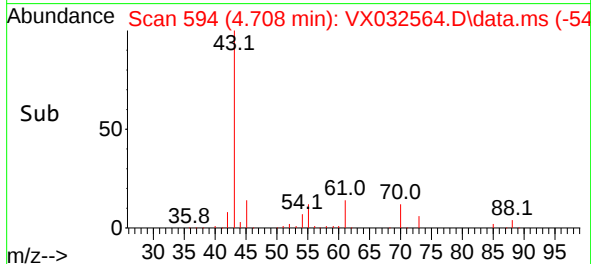
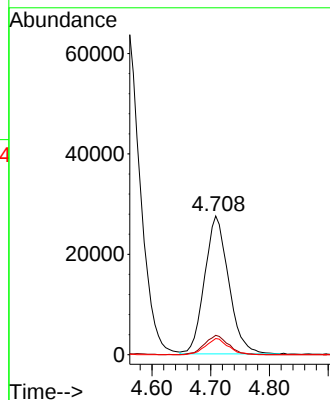
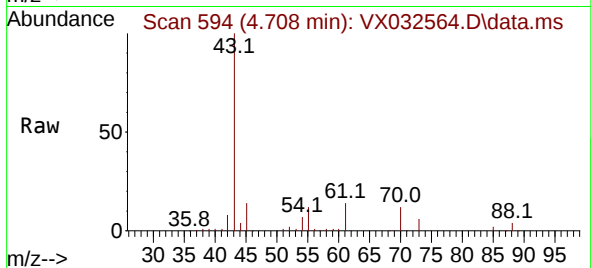
Tgt Ion:	43	Resp:	78220
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	11.0	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#38

Carbon Tetrachloride

Concen: 55.276 ug/l

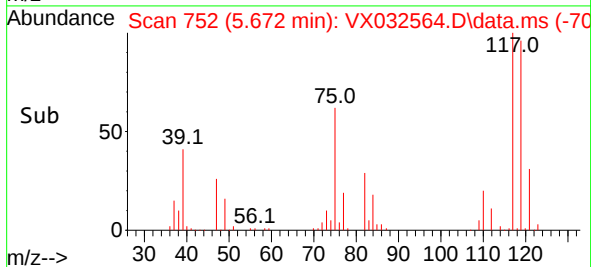
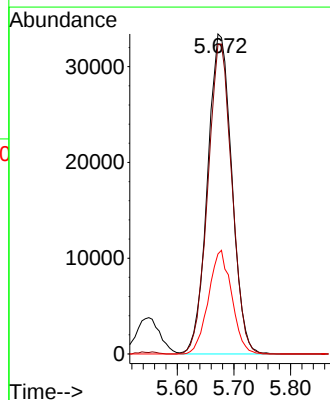
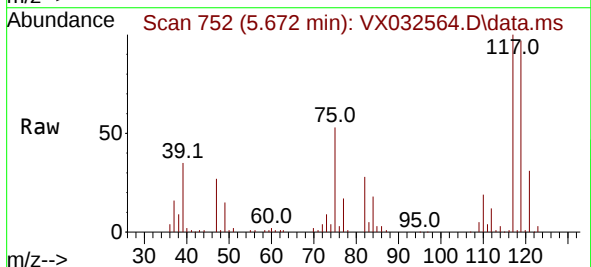
RT: 5.672 min Scan# 752

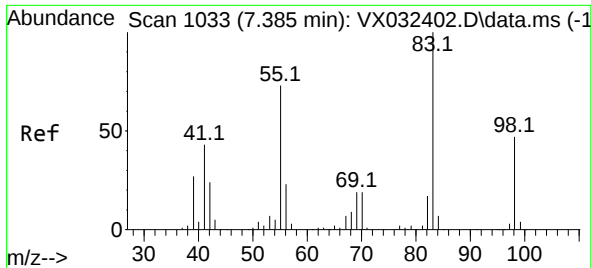
Delta R.T. -0.012 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Tgt Ion:	117	Resp:	99349
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.2	115.8
121	31.2	25.8	38.6





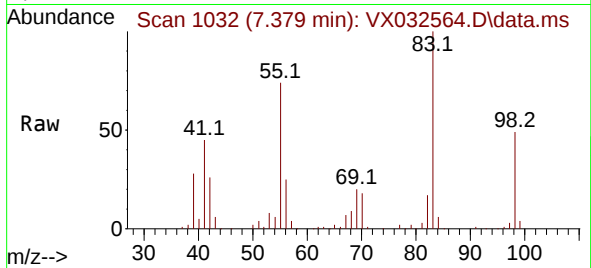
#39
Methylcyclohexane
Concen: 52.881 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



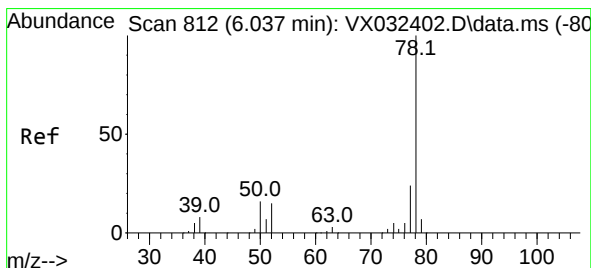
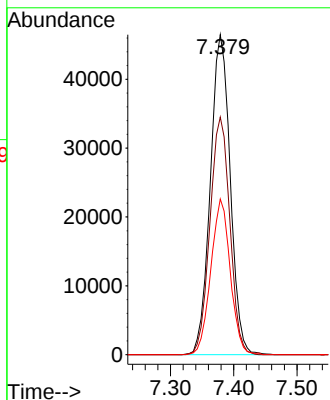
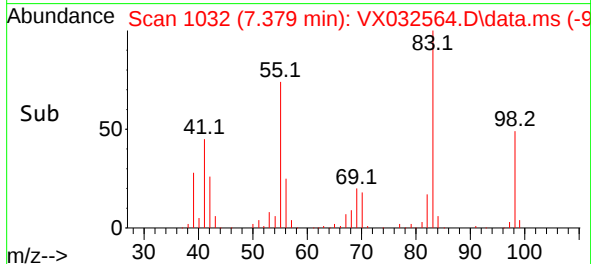
Tgt Ion: 83 Resp: 101388
Ion Ratio Lower Upper
83 100
55 74.2 58.4 87.6
98 48.7 37.2 55.8

Manual Integrations

APPROVED

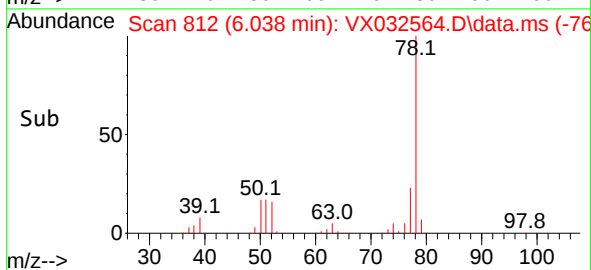
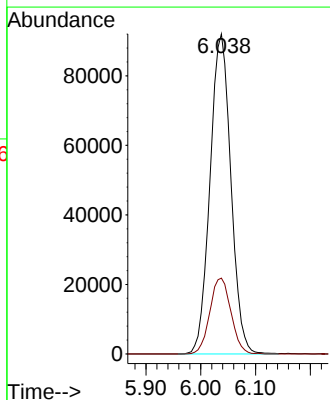
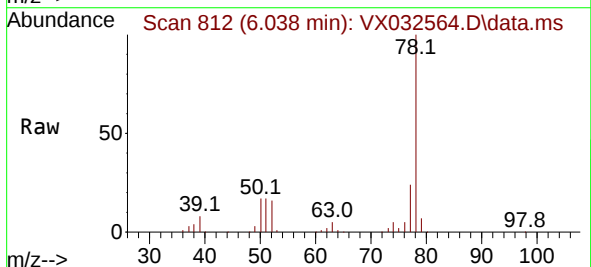
Reviewed By :John Carlone 11/07/2022

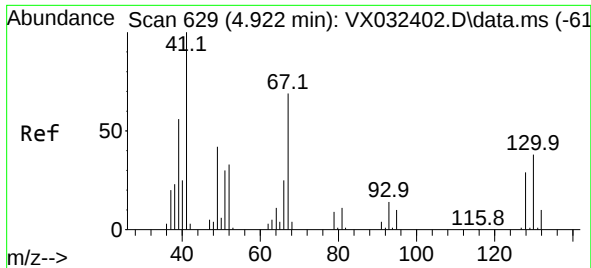
Supervised By :Mahesh Dadoda 11/07/2022



#40
Benzene
Concen: 52.997 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

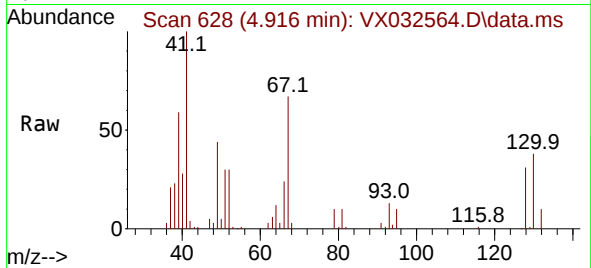
Tgt Ion: 78 Resp: 243027
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 52.874 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

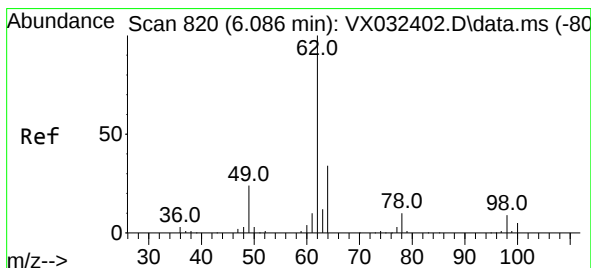
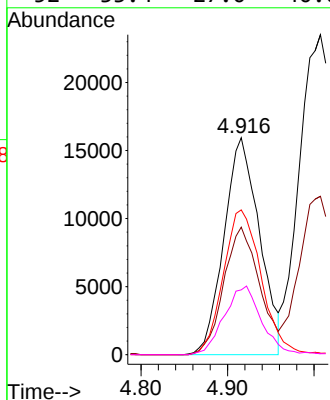
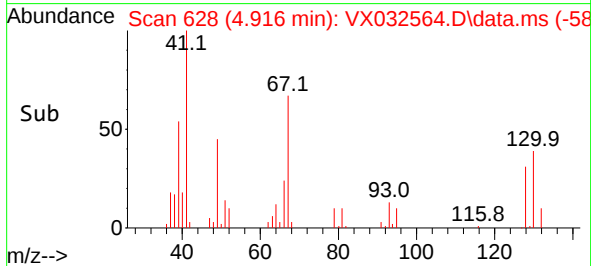
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 45434
Ion Ratio Lower Upper
41 100
39 59.2 47.5 71.3
67 71.7 60.5 90.7
52 33.4 27.0 40.6

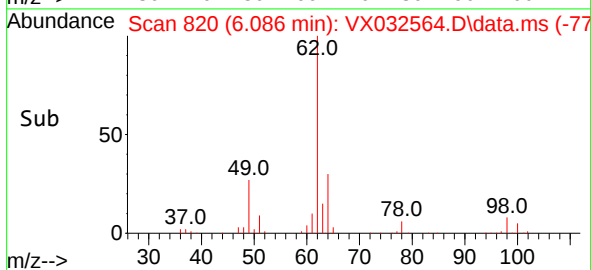
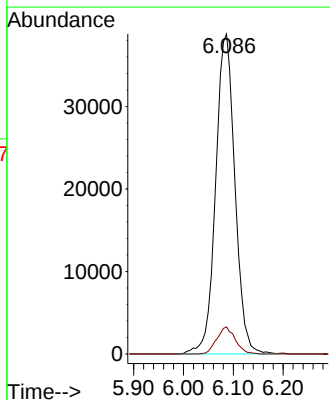
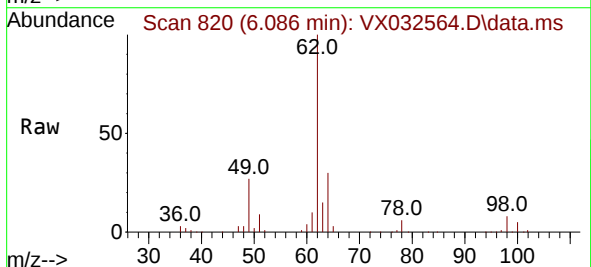
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#42
1,2-Dichloroethane
Concen: 55.533 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

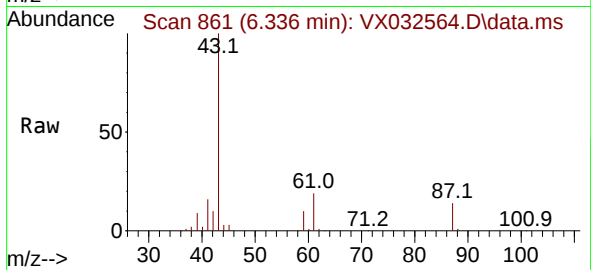
Tgt Ion: 62 Resp: 104099
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.167 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

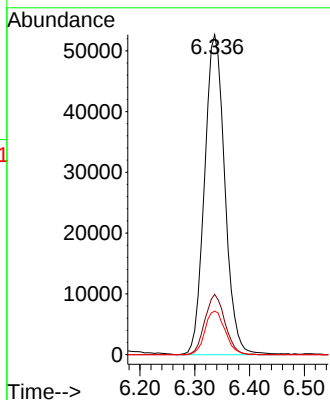
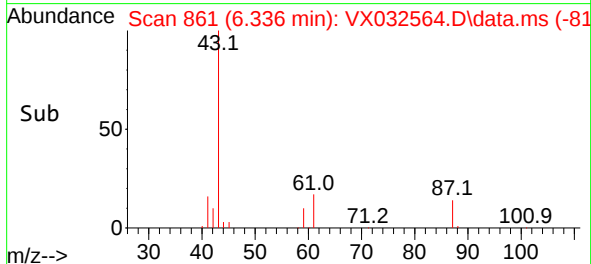
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 135100
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0
87 13.6 10.8 16.2

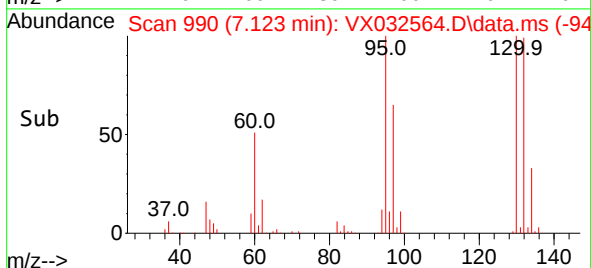
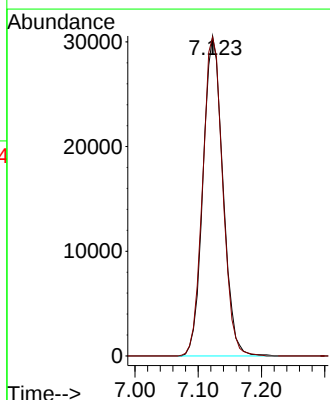
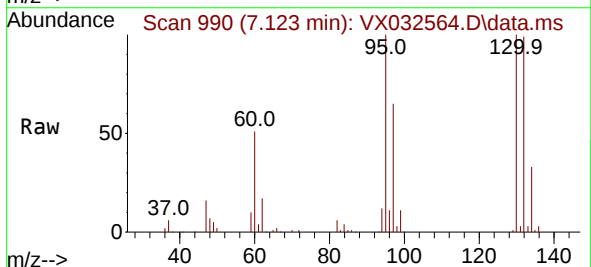
Manual Integrations
APPROVED

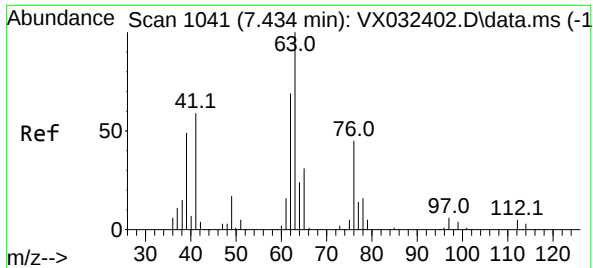
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#44
Trichloroethene
Concen: 51.790 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion:130 Resp: 66856
Ion Ratio Lower Upper
130 100
95 99.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 53.481 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6295

Ion Ratio Lower Upper

63 100

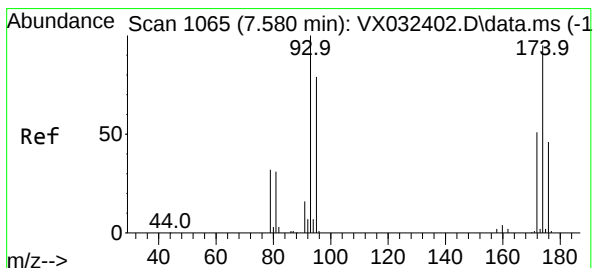
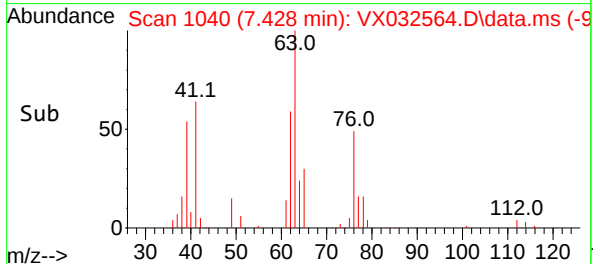
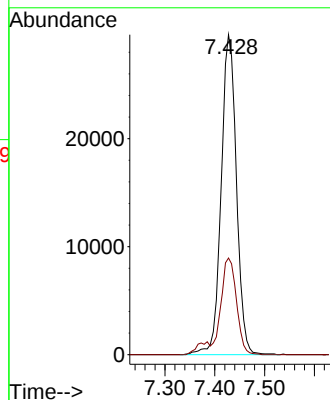
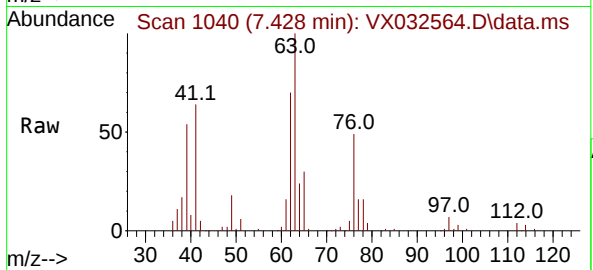
65 30.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#46

Dibromomethane

Concen: 53.218 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

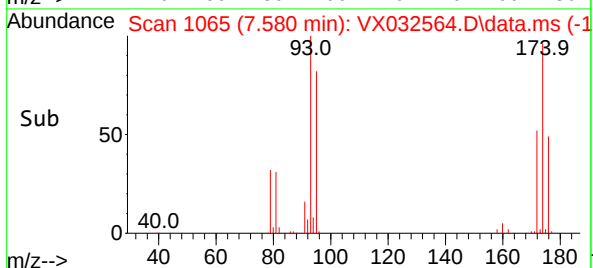
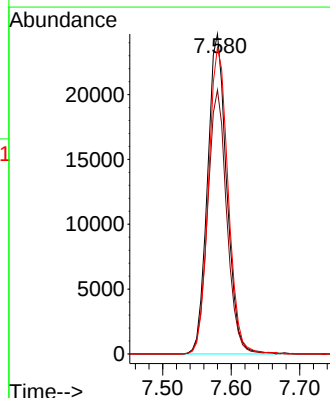
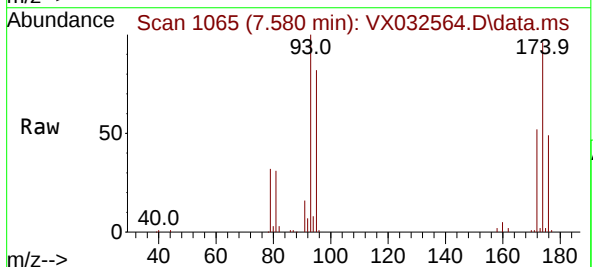
Tgt Ion: 93 Resp: 48044

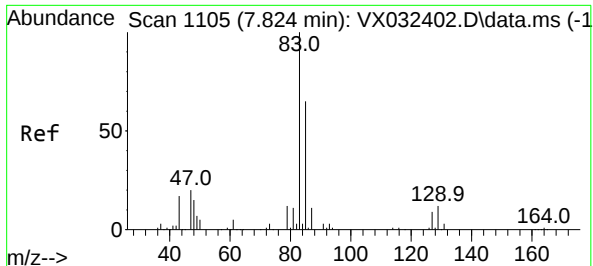
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.8

174 98.1 79.8 119.6





#47
Bromodichloromethane
Concen: 55.938 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

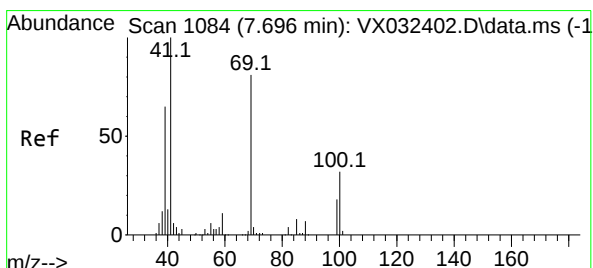
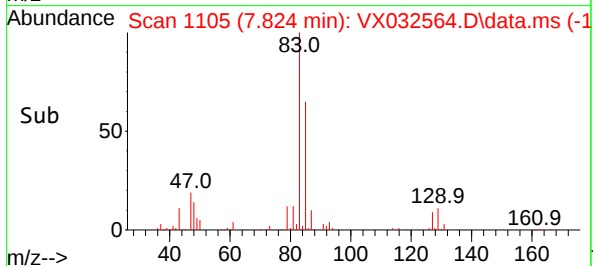
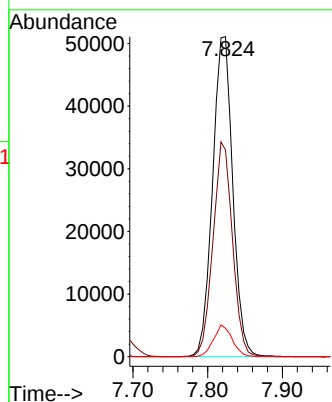
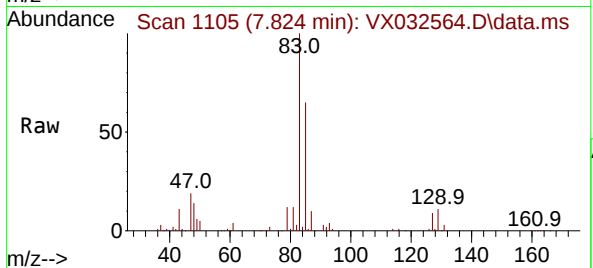
Tgt Ion: 83 Resp: 95710
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4
127 8.9 7.4 11.2

Manual Integrations

APPROVED

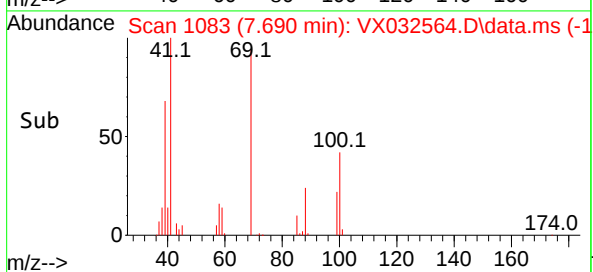
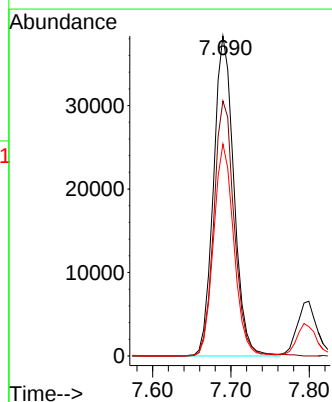
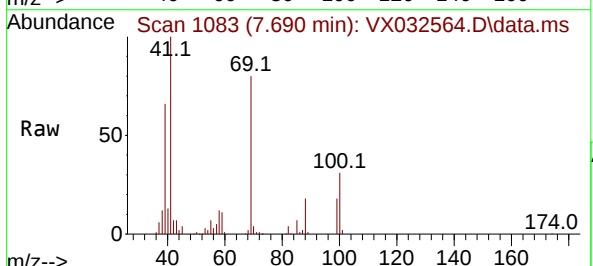
Reviewed By :John Carlone 11/07/2022

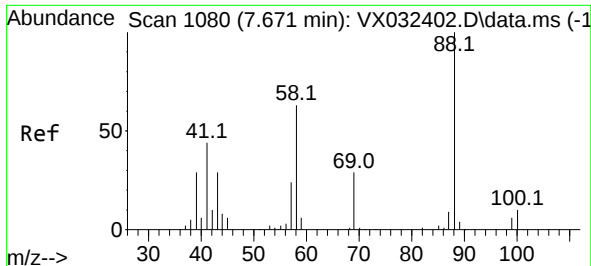
Supervised By :Mahesh Dadoda 11/07/2022



#48
Methyl methacrylate
Concen: 51.716 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion: 41 Resp: 69175
Ion Ratio Lower Upper
41 100
69 80.0 65.1 97.7
39 66.0 51.9 77.9





#49

1,4-Dioxane

Concen: 865.797 ug/l

RT: 7.696 min Scan# 1080

Delta R.T. 0.024 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

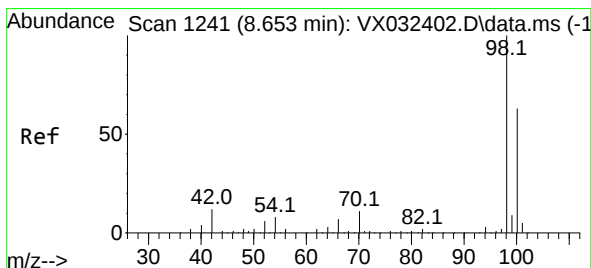
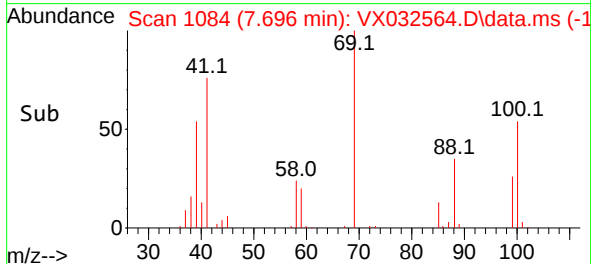
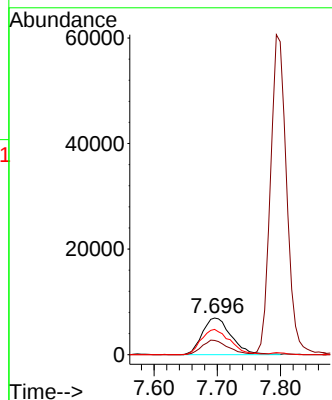
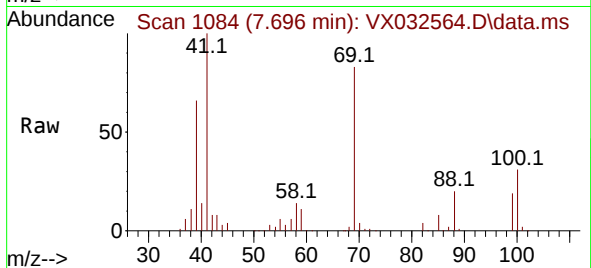
Tgt Ion: 88	Resp: 22070
Ion Ratio	Lower Upper
88 100	
43 36.1	26.6 39.8
58 68.7	51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#50

Toluene-d8

Concen: 49.949 ug/l

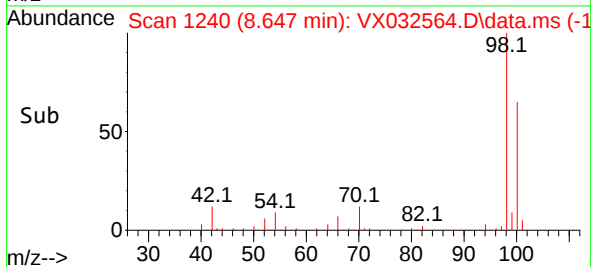
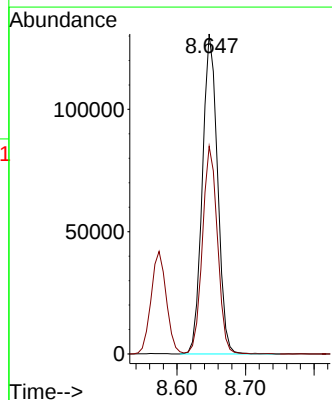
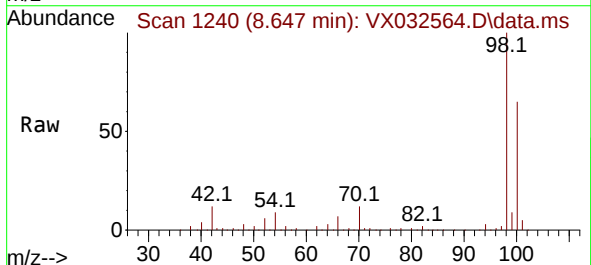
RT: 8.647 min Scan# 1240

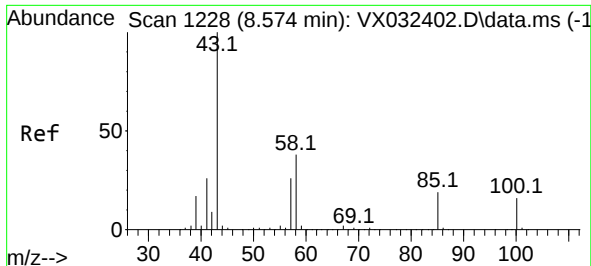
Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Tgt Ion: 98	Resp: 202115
Ion Ratio	Lower Upper
98 100	
100 64.2	50.9 76.3





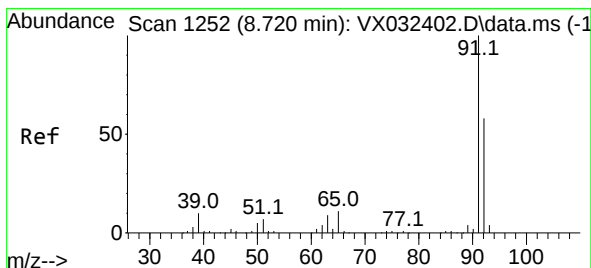
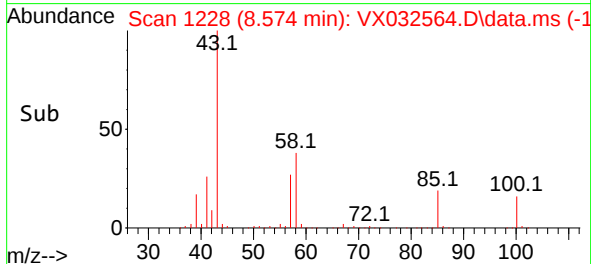
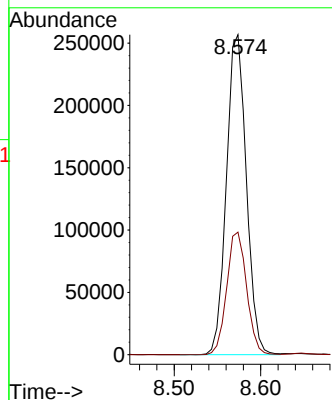
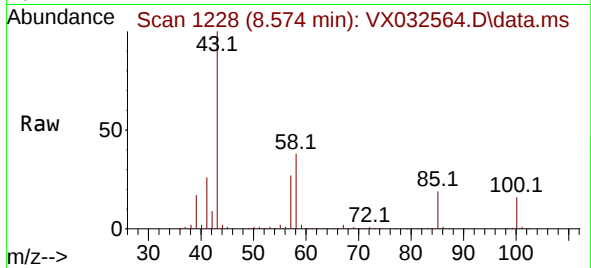
#51
4-Methyl-2-Pentanone
Concen: 251.578 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 41040
Ion Ratio Lower Upper
43 100
58 38.3 30.9 46.3

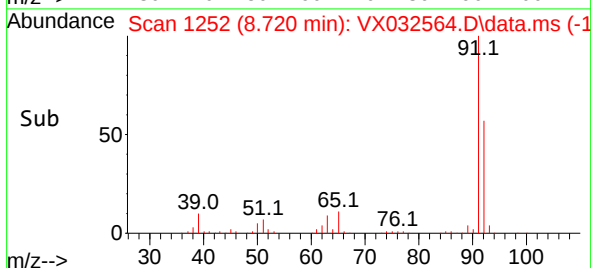
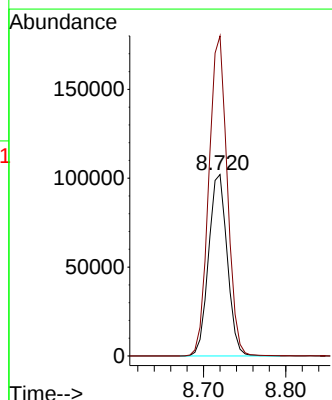
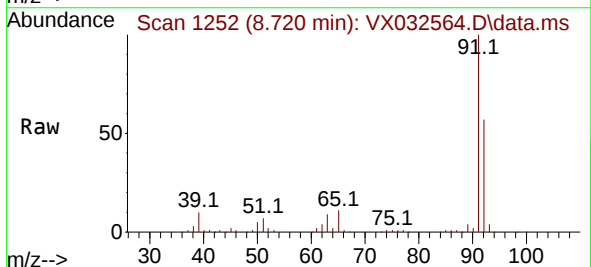
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#52
Toluene
Concen: 53.678 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion: 92 Resp: 160596
Ion Ratio Lower Upper
92 100
91 174.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 58.346 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 10185

Ion Ratio Lower Upper

75 100

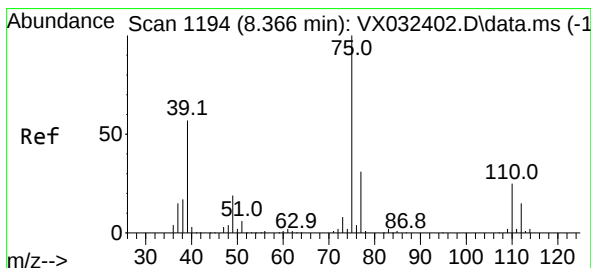
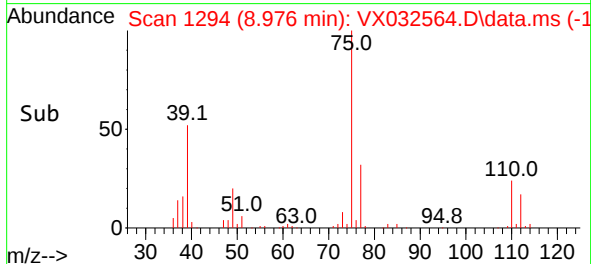
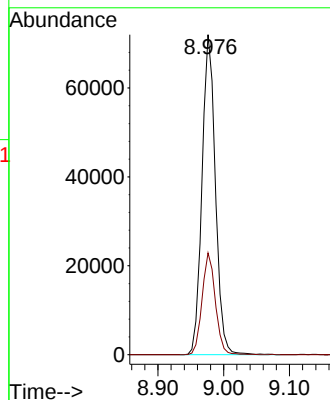
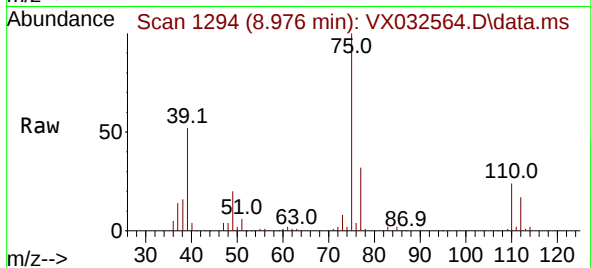
77 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#54

cis-1,3-Dichloropropene

Concen: 56.256 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

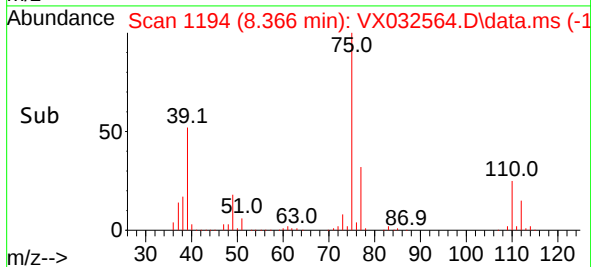
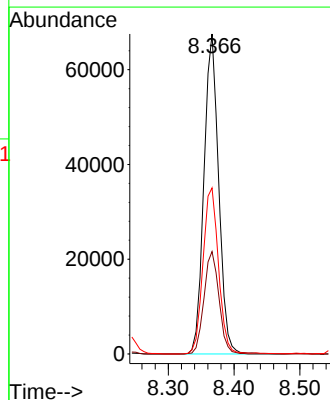
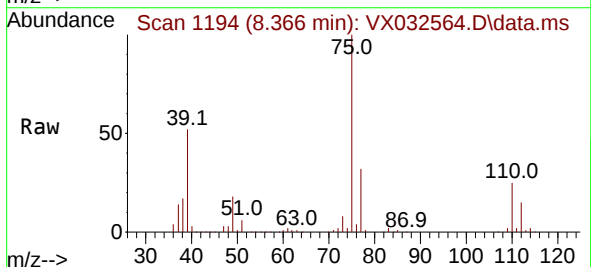
Tgt Ion: 75 Resp: 105041

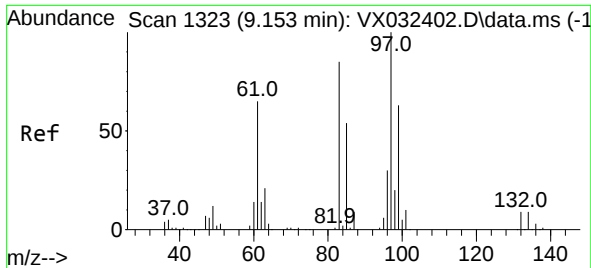
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

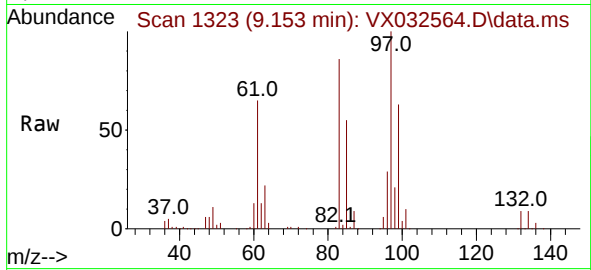
39 51.9 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 53.789 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

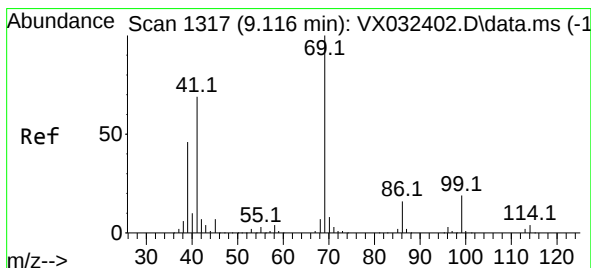
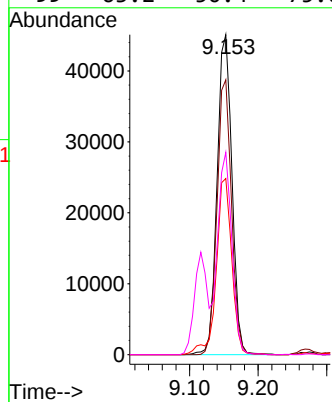
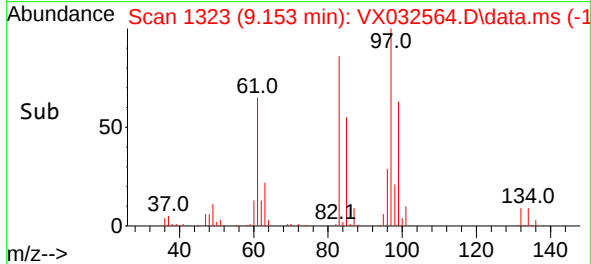


Tgt Ion: 97 Resp: 67774

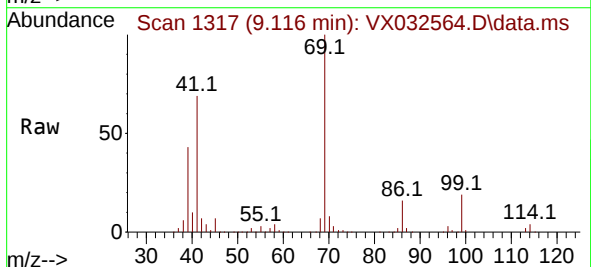
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.1	102.1
85	55.1	43.3	64.9
99	63.2	50.4	75.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

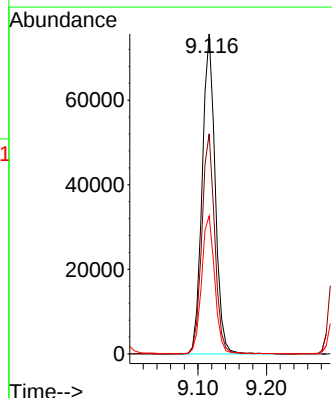
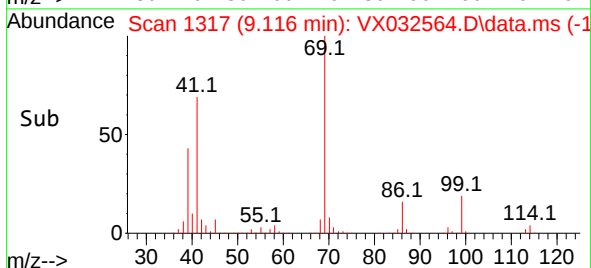


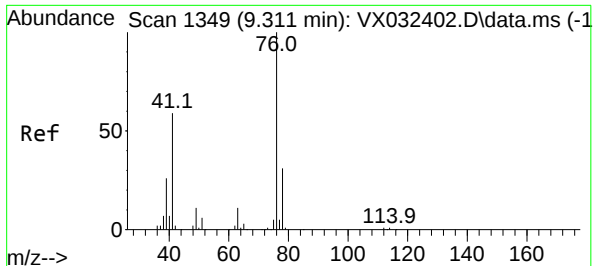
#56
Ethyl methacrylate
Concen: 55.061 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



Tgt Ion: 69 Resp: 99838

Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.3	81.5
39	43.7	35.2	52.8





#57

1,3-Dichloropropane

Concen: 54.063 ug/l

RT: 9.305 min Scan# 11000

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11000

Ion Ratio Lower Upper

76 100

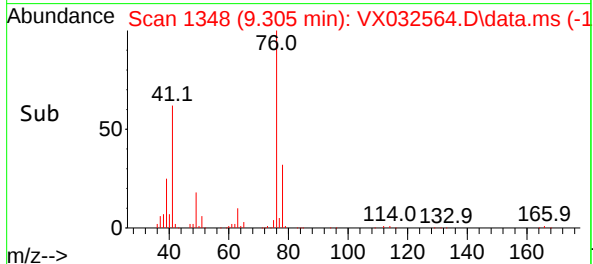
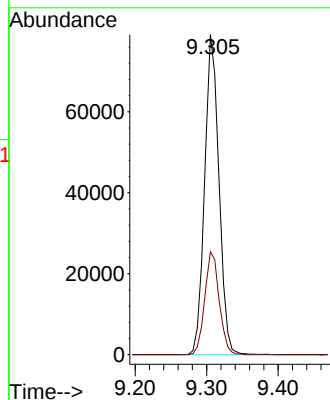
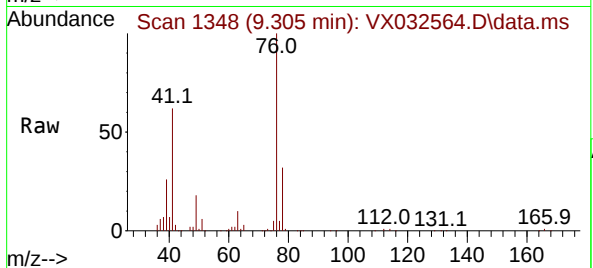
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 270.948 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032564.D

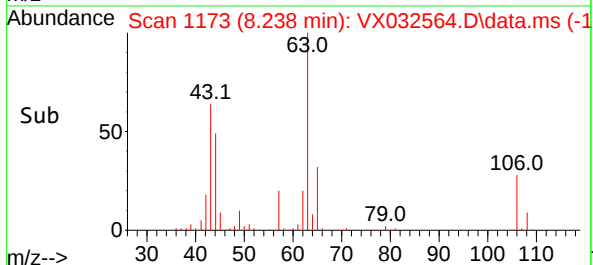
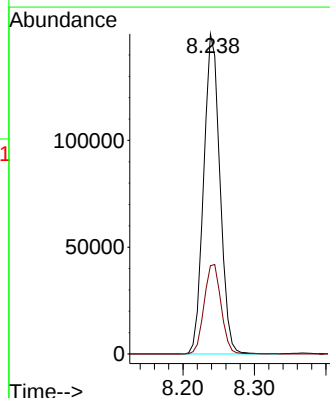
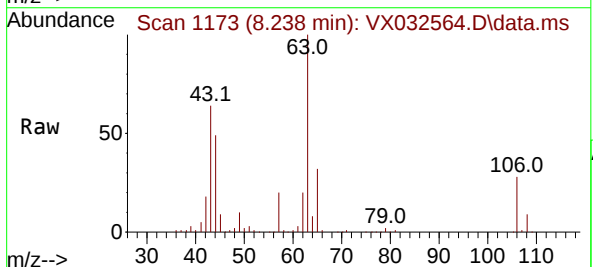
Acq: 04 Nov 2022 10:18

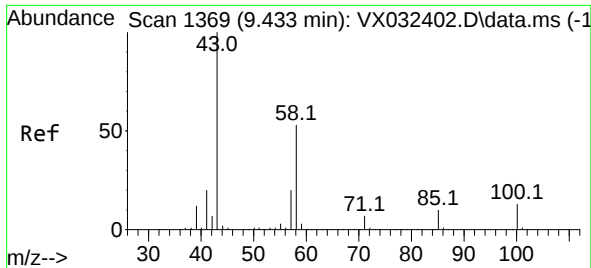
Tgt Ion: 63 Resp: 236560

Ion Ratio Lower Upper

63 100

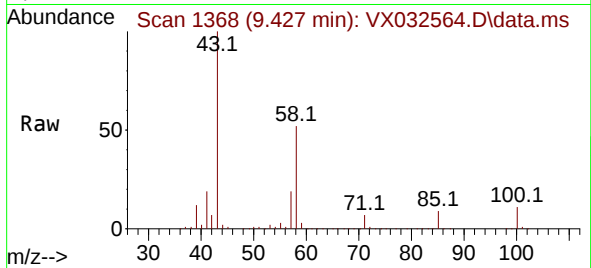
106 29.2 23.3 34.9





#59
2-Hexanone
Concen: 252.540 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

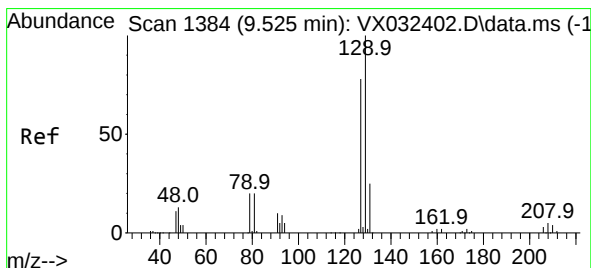
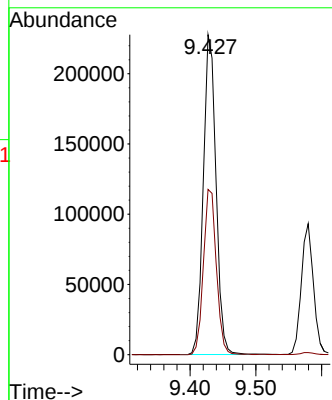
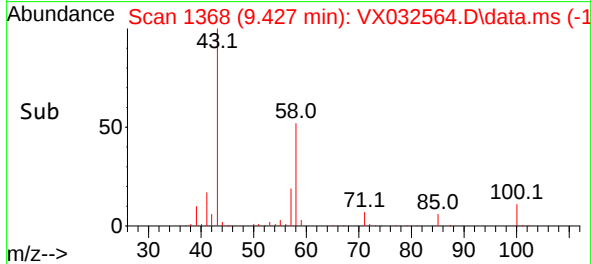
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 30568
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5

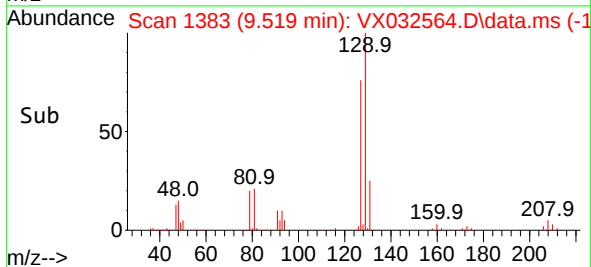
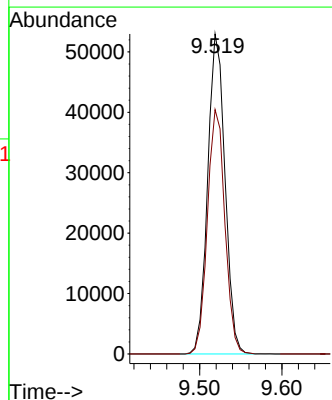
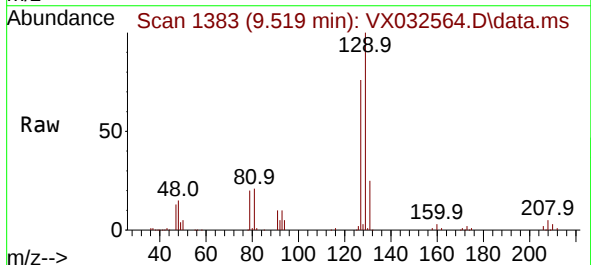
Manual Integrations
APPROVED

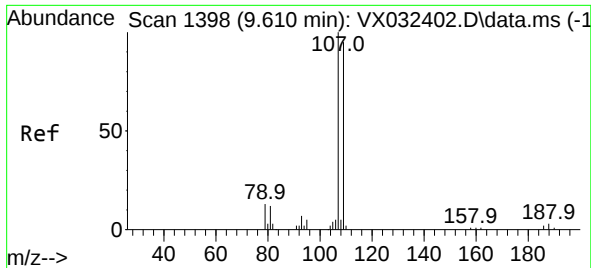
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#60
Dibromochloromethane
Concen: 56.207 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

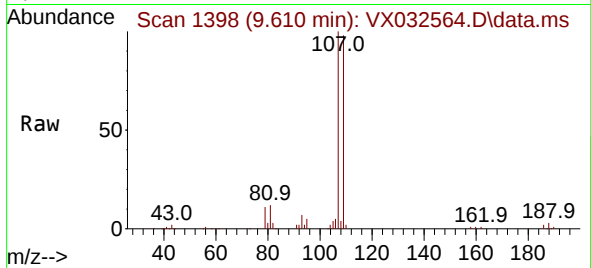
Tgt Ion:129 Resp: 77354
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.463 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

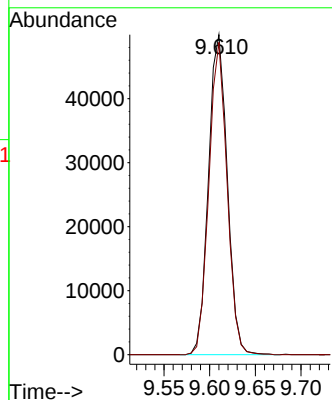
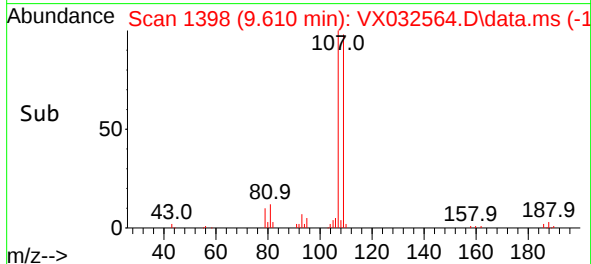
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 71370
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0

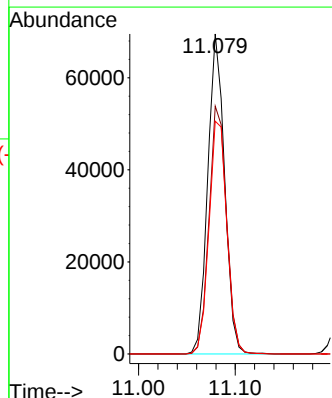
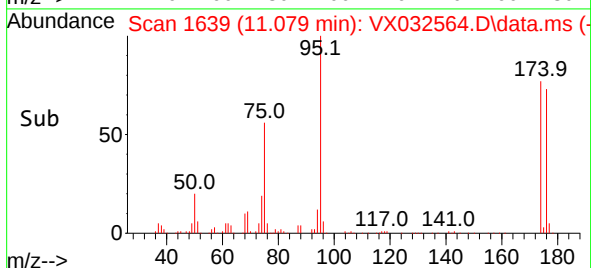
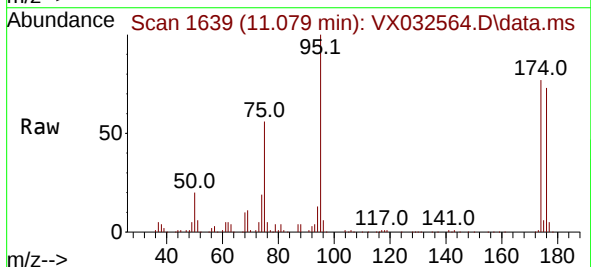
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#62
4-Bromofluorobenzene
Concen: 53.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

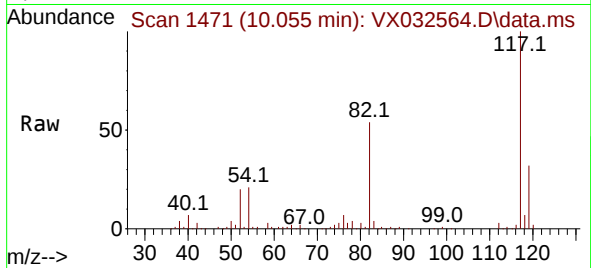
Tgt Ion: 95 Resp: 84252
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.0
176 77.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

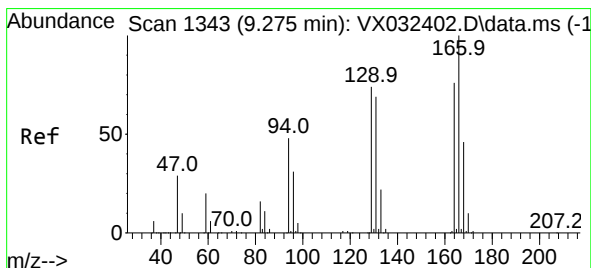
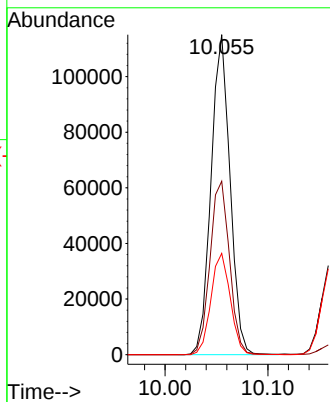
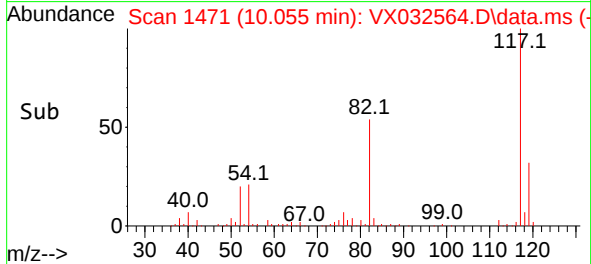
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 147394
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.6 25.7 38.5

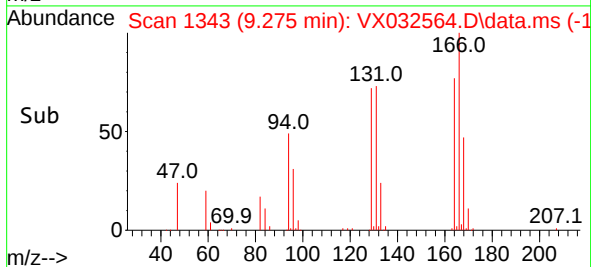
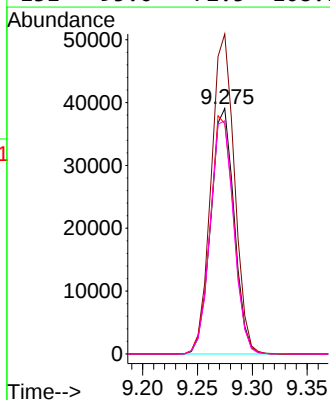
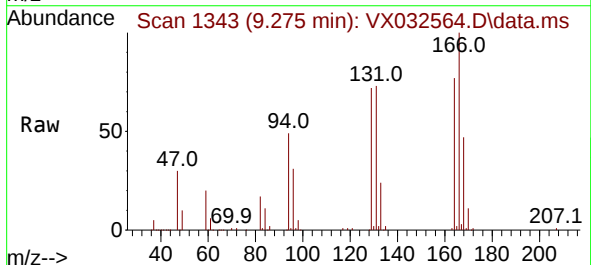
Manual Integrations
APPROVED

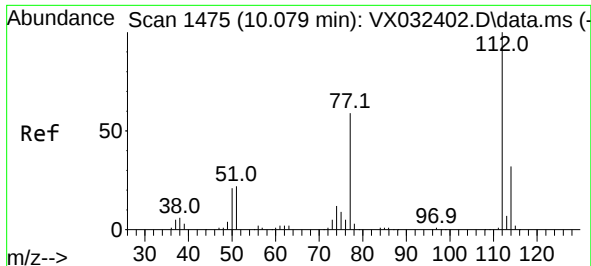
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#64
Tetrachloroethene
Concen: 53.446 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion:164 Resp: 57659
Ion Ratio Lower Upper
164 100
166 130.4 105.4 158.2
129 93.9 78.2 117.2
131 95.0 72.5 108.7





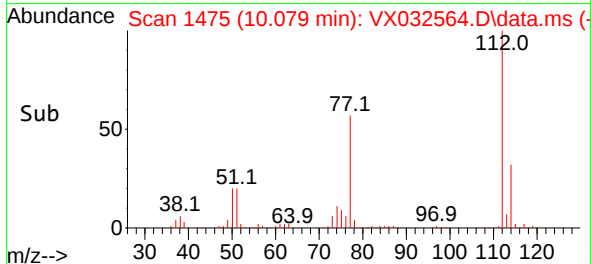
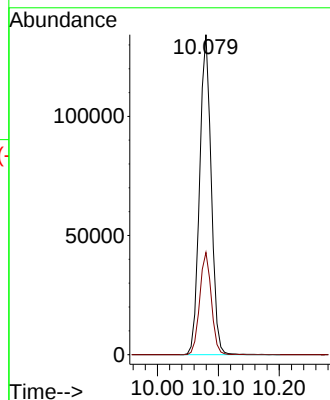
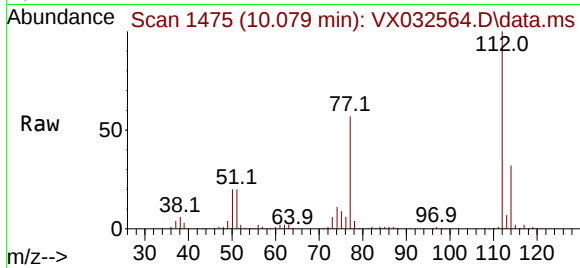
#65
Chlorobenzene
Concen: 53.664 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 17718
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

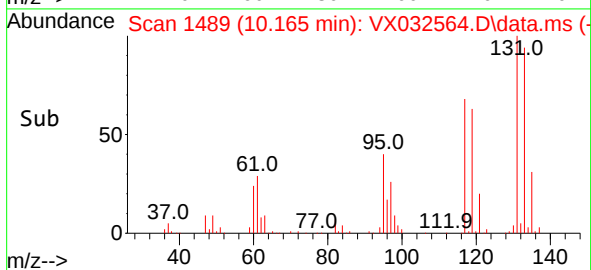
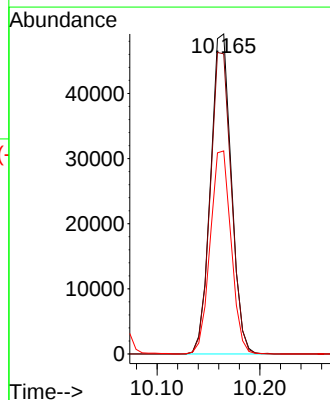
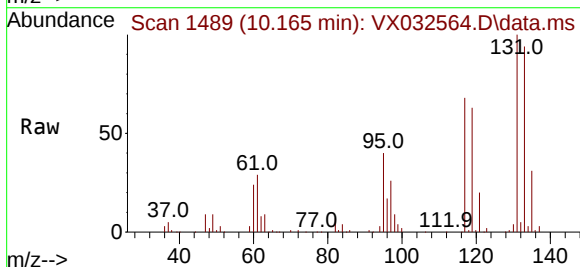
Manual Integrations
APPROVED

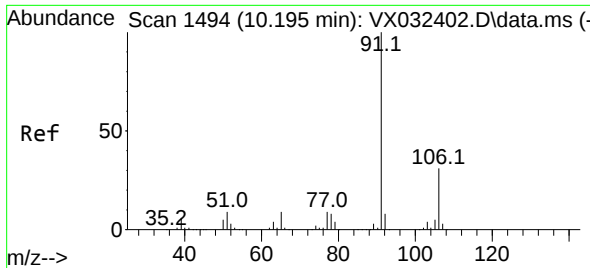
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.505 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

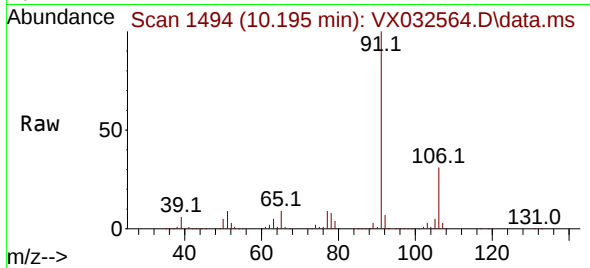
Tgt Ion:131 Resp: 68972
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 63.9 32.4 97.0





#67
Ethyl Benzene
Concen: 54.565 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

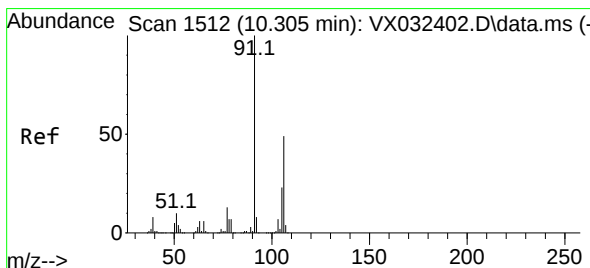
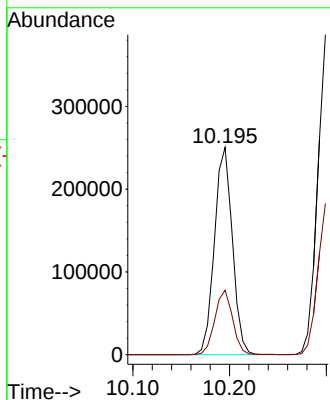
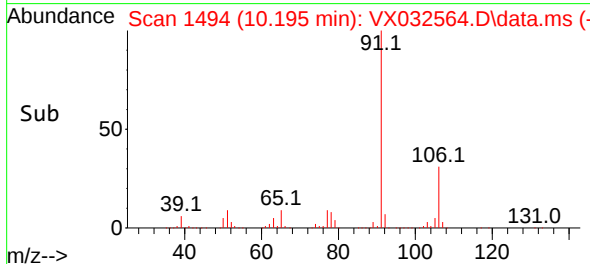
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



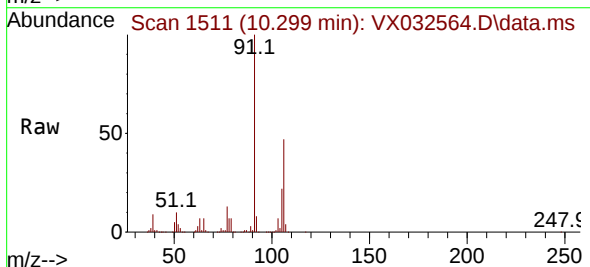
Tgt Ion: 91 Resp: 322160
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

Manual Integrations
APPROVED

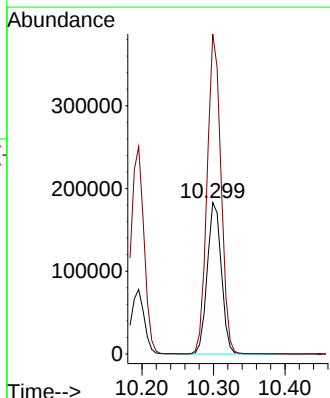
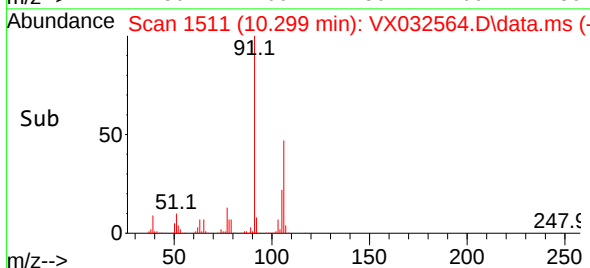
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

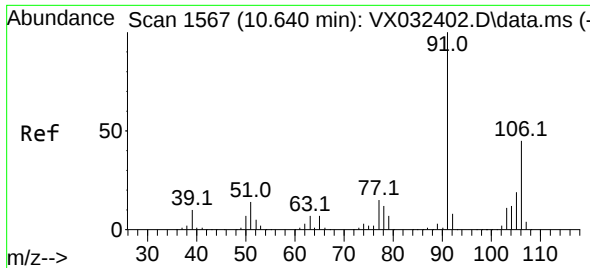


#68
m/p-Xylenes
Concen: 109.155 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



Tgt Ion:106 Resp: 250255
Ion Ratio Lower Upper
106 100
91 207.6 164.5 246.7





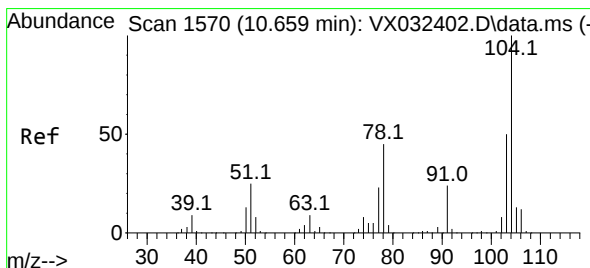
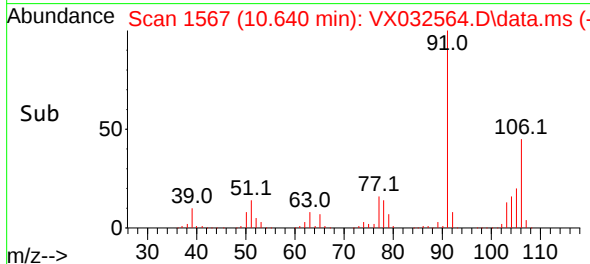
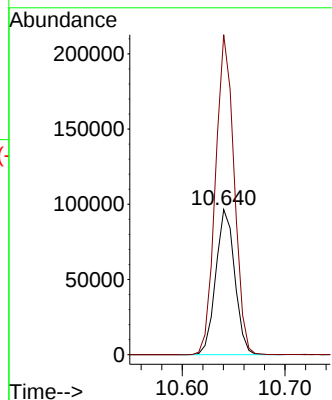
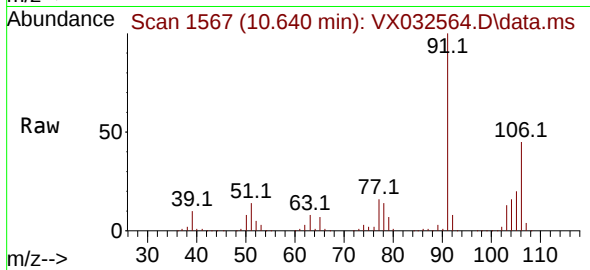
#69
o-Xylene
Concen: 55.397 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 123485
Ion Ratio Lower Upper
106 100
91 217.0 109.2 327.6

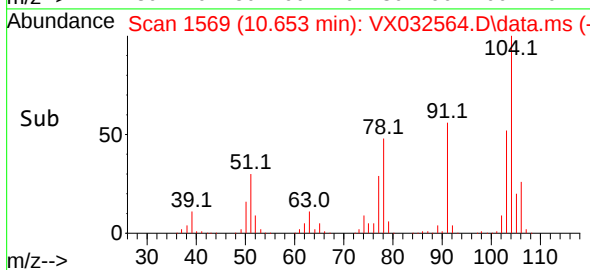
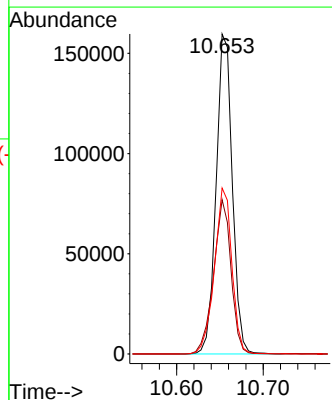
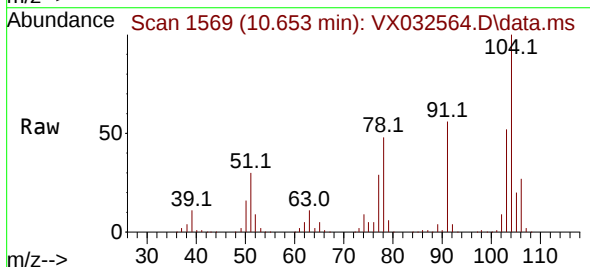
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#70
Styrene
Concen: 55.941 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion:104 Resp: 207237
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 56.0 44.5 66.7





#71

Bromoform

Concen: 57.190 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 5618

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.8

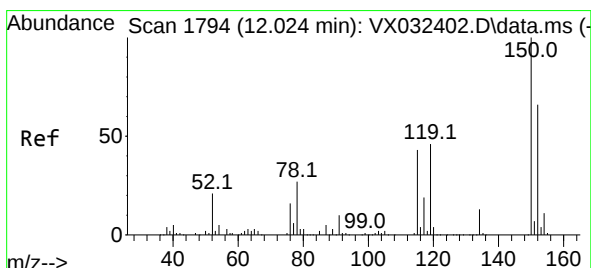
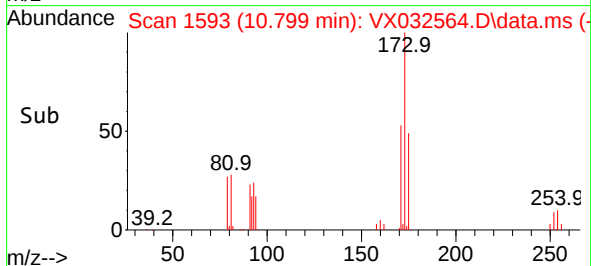
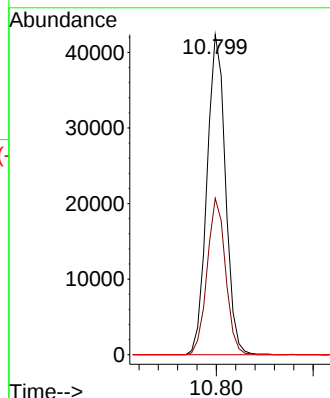
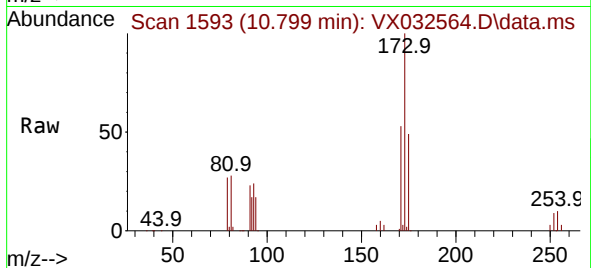
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

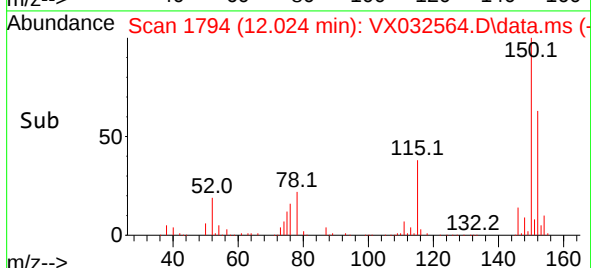
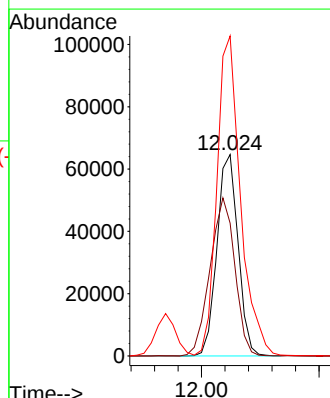
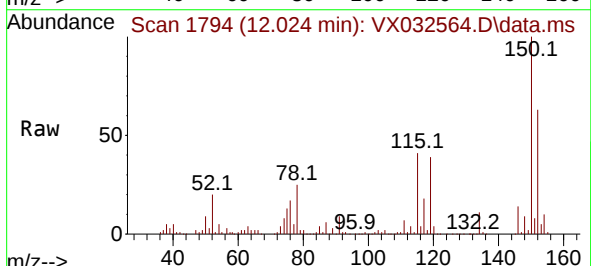
Tgt Ion:152 Resp: 80674

Ion Ratio Lower Upper

152 100

115 92.4 44.0 132.0

150 177.8 0.0 351.8





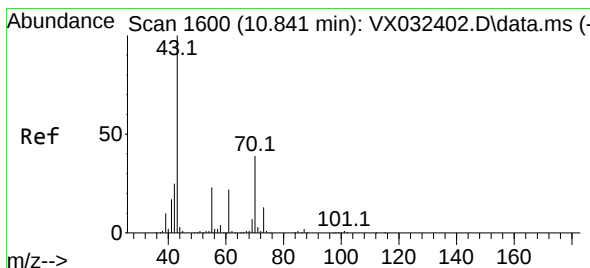
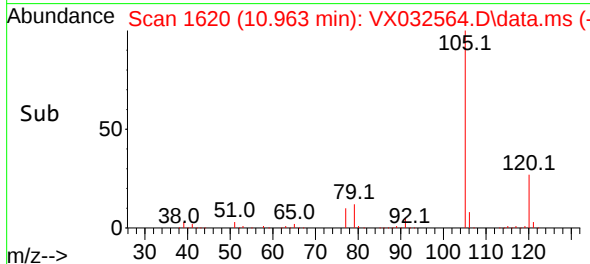
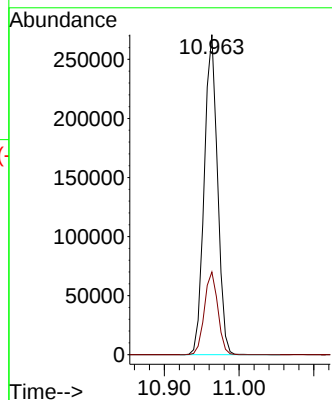
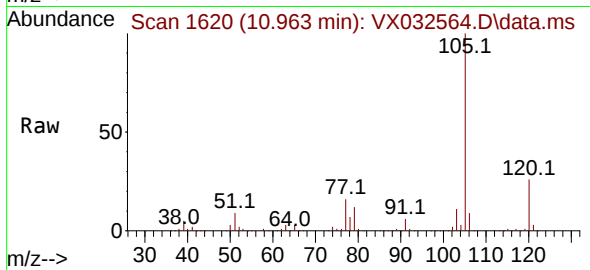
#73
Isopropylbenzene
Concen: 52.136 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 333292
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

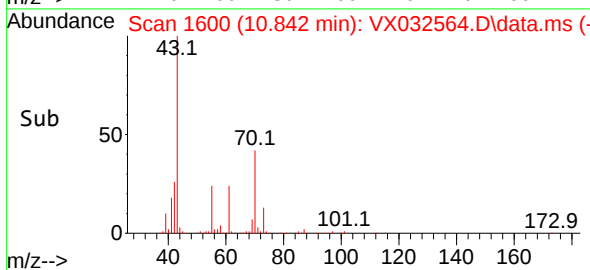
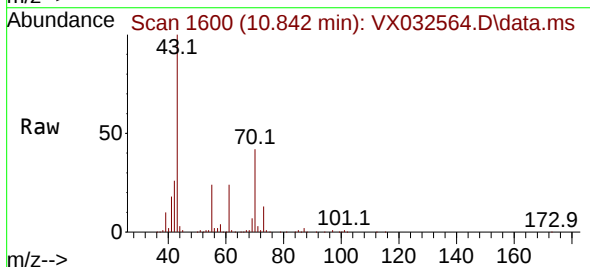
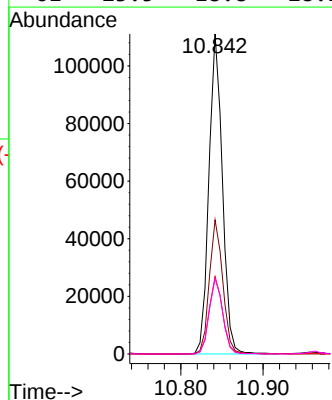
Manual Integrations
APPROVED

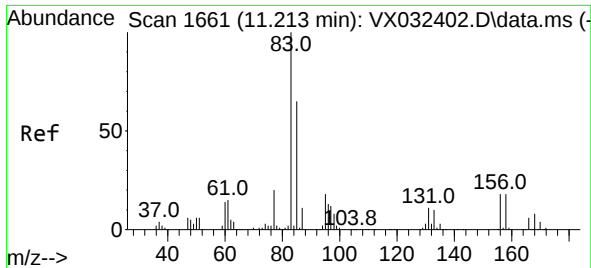
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#74
N-ethyl acetate
Concen: 52.343 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

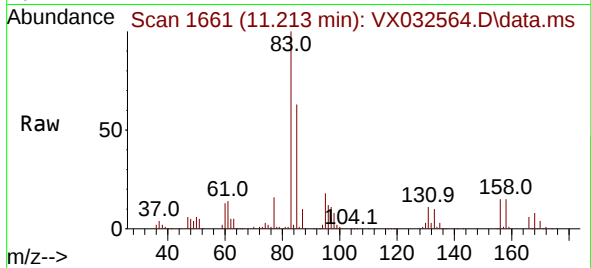
Tgt Ion: 43 Resp: 126431
Ion Ratio Lower Upper
43 100
70 41.8 33.6 50.4
55 24.3 19.4 29.2
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.577 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

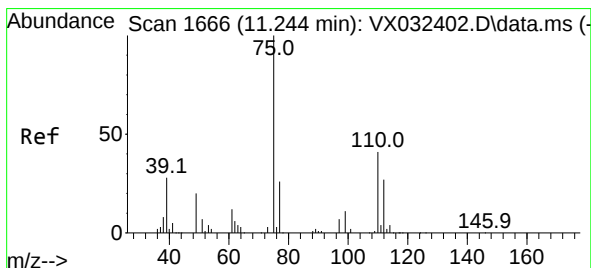
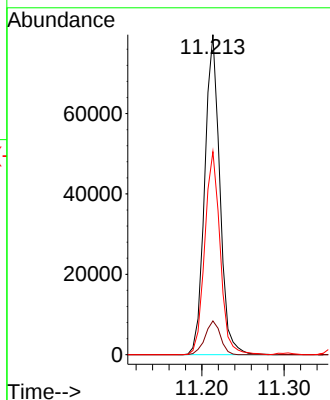
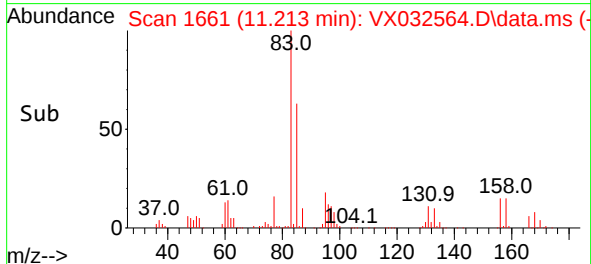
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



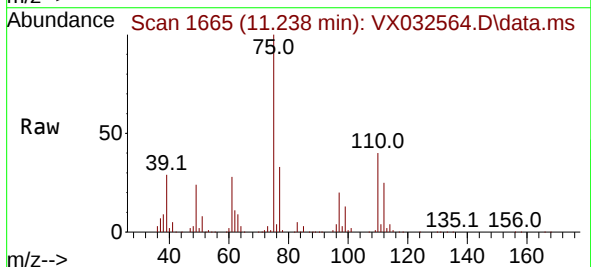
Tgt Ion: 83 Resp: 101730
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.6 31.9 95.9

Manual Integrations
APPROVED

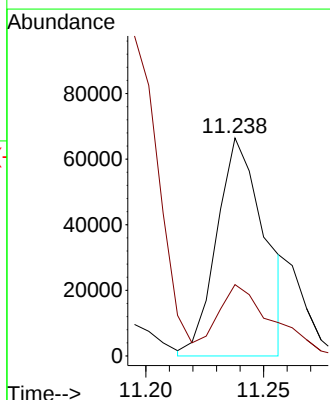
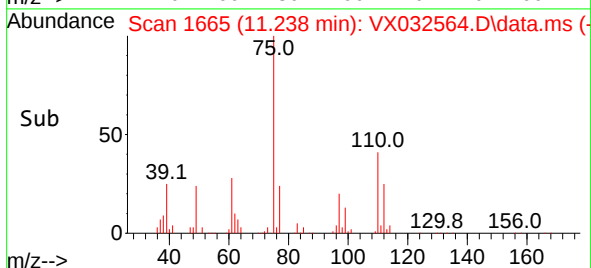
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#76
1,2,3-Trichloropropane
Concen: 52.171 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



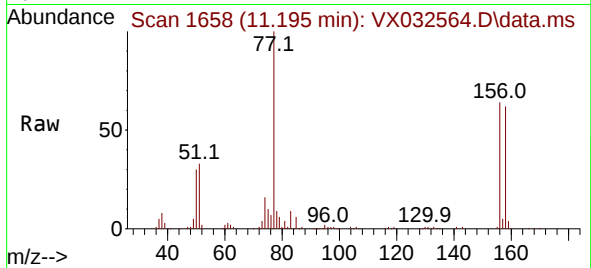
Tgt Ion: 75 Resp: 93636
Ion Ratio Lower Upper
75 100
77 38.3 20.0 60.0





#77
Bromobenzene
Concen: 52.040 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

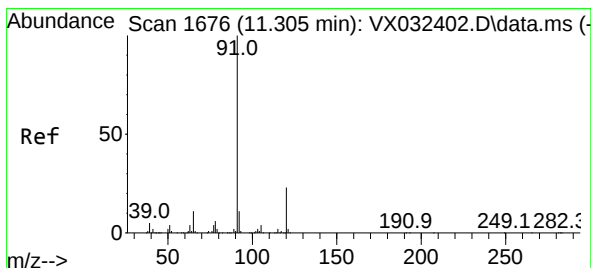
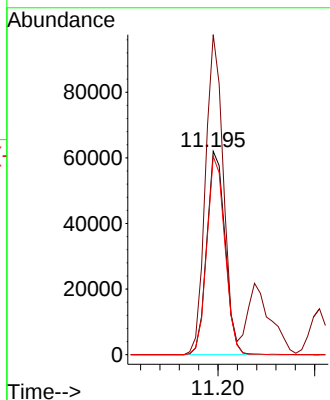
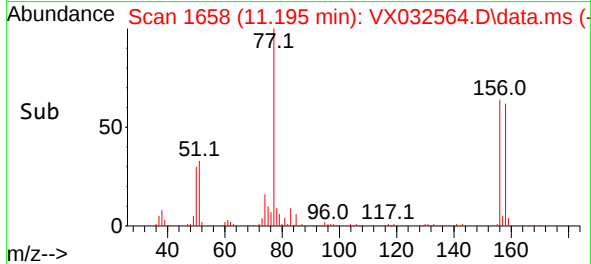
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



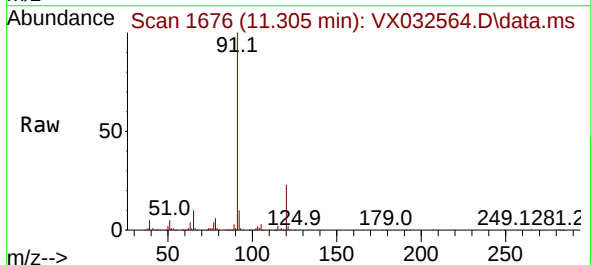
Tgt Ion:156 Resp: 81560
Ion Ratio Lower Upper
156 100
77 153.6 76.1 228.4
158 96.2 48.8 146.3

Manual Integrations
APPROVED

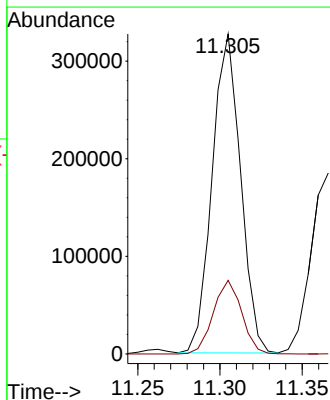
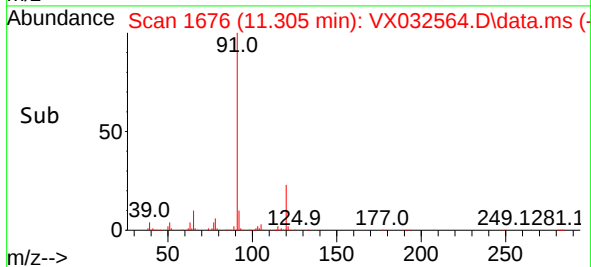
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#78
n-propylbenzene
Concen: 53.302 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



Tgt Ion: 91 Resp: 392590
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





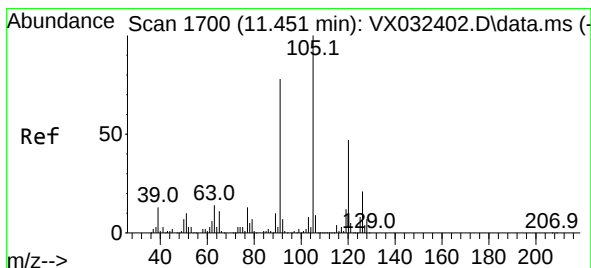
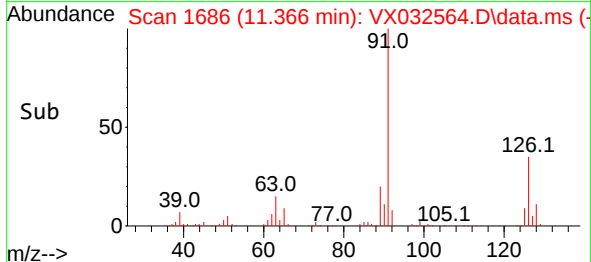
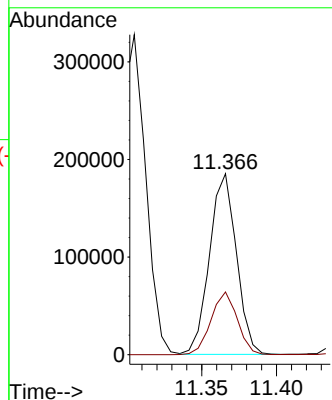
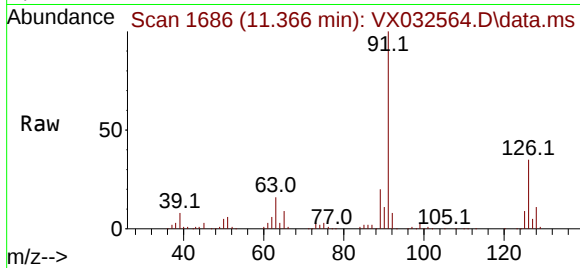
#79
2-Chlorotoluene
Concen: 52.429 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 23126
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2

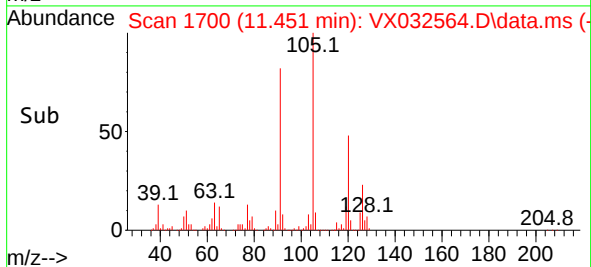
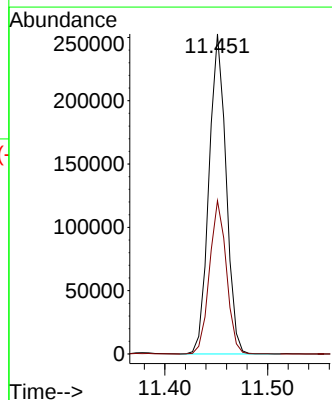
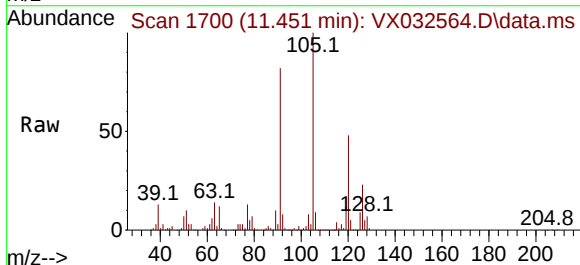
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.551 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Tgt Ion:105 Resp: 292586
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





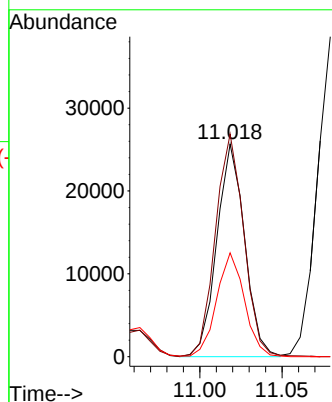
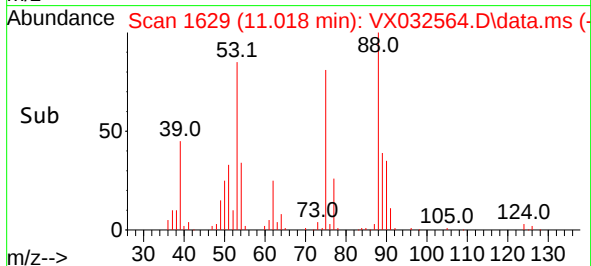
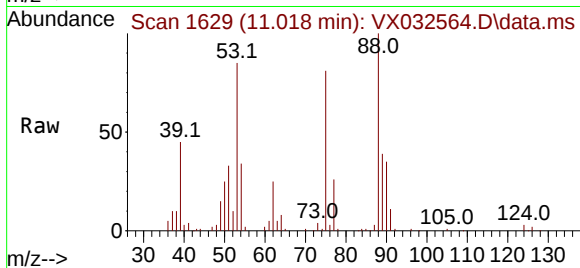
#81
trans-1,4-Dichloro-2-butene
Concen: 53.581 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3022
Ion Ratio Lower Upper
75 100
53 106.7 86.9 130.3
89 48.7 38.3 57.5

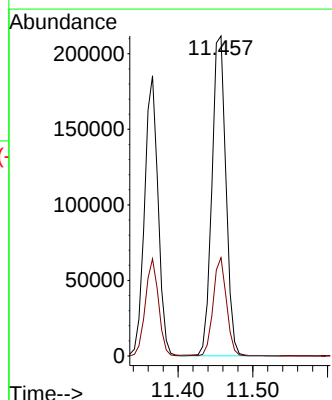
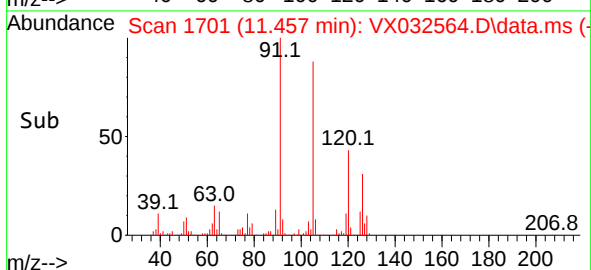
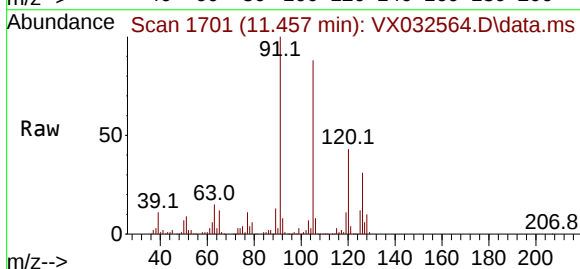
Manual Integrations
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Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#82
4-Chlorotoluene
Concen: 53.375 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

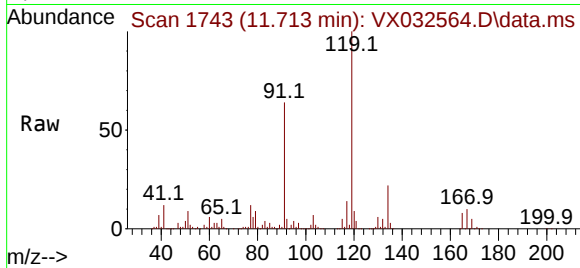
Tgt Ion: 91 Resp: 275491
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.4





#83
tert-Butylbenzene
Concen: 52.258 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

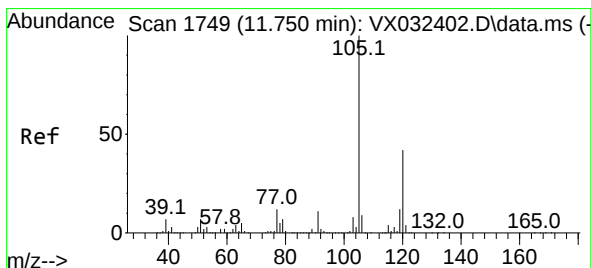
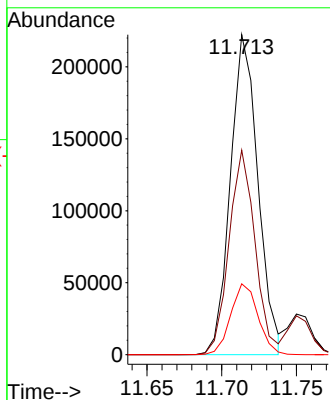
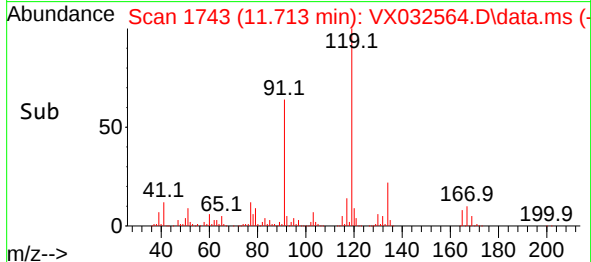
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



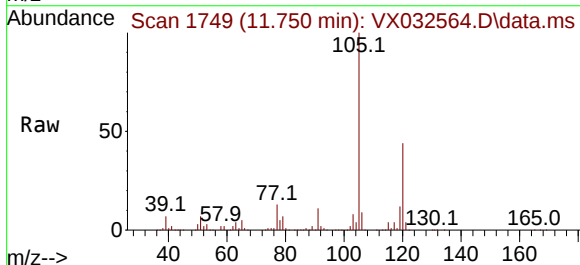
Tgt Ion:119 Resp: 28505
Ion Ratio Lower Upper
119 100
91 60.5 29.4 88.2
134 22.0 11.0 33.0

Manual Integrations
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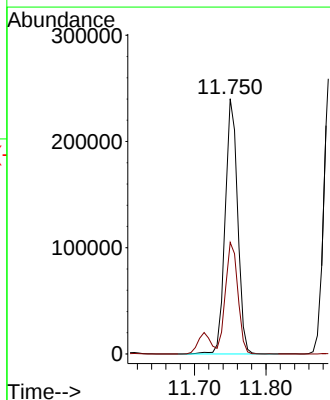
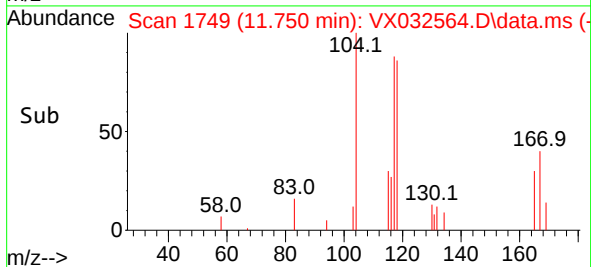
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

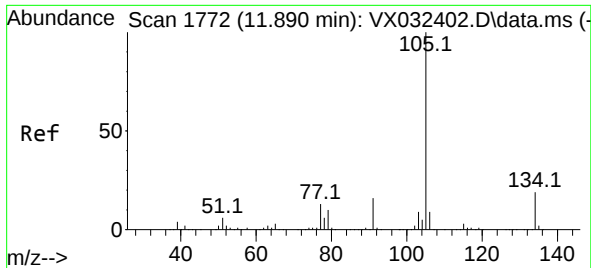


#84
1,2,4-Trimethylbenzene
Concen: 53.512 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



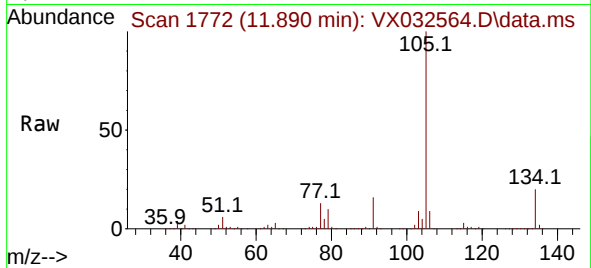
Tgt Ion:105 Resp: 290790
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 54.169 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032564.D
 Acq: 04 Nov 2022 10:18

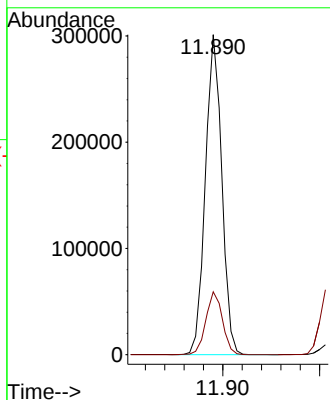
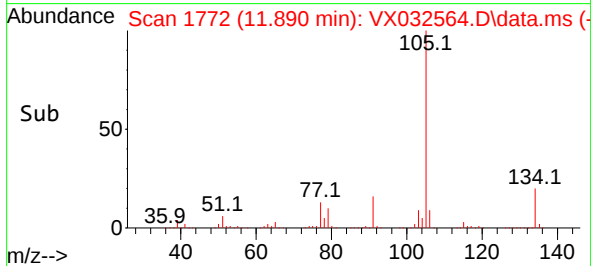
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 35554
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

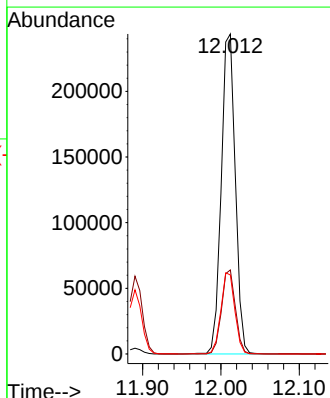
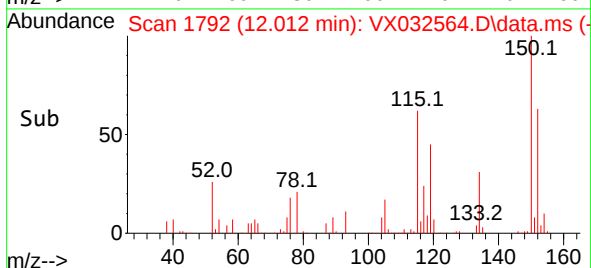
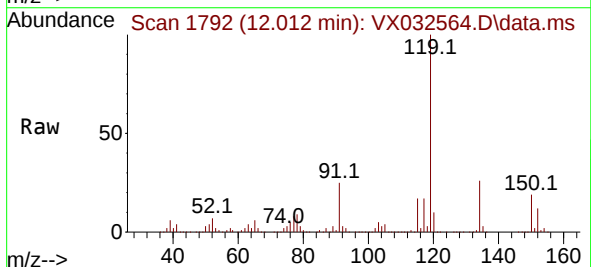
Manual Integrations
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Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022



#86
 p-Isopropyltoluene
 Concen: 54.650 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032564.D
 Acq: 04 Nov 2022 10:18

Tgt Ion:119 Resp: 304368
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 25.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 52.805 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 15611

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

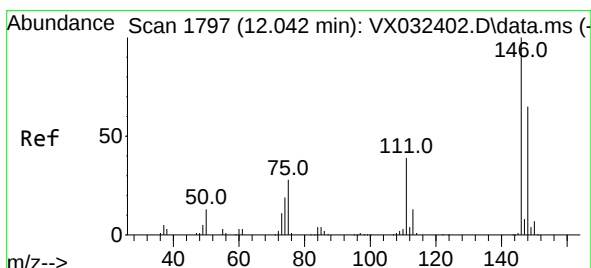
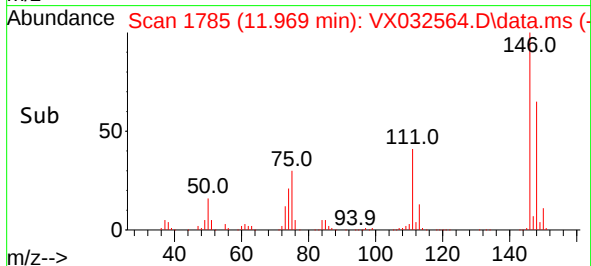
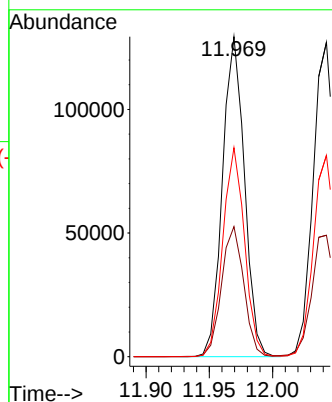
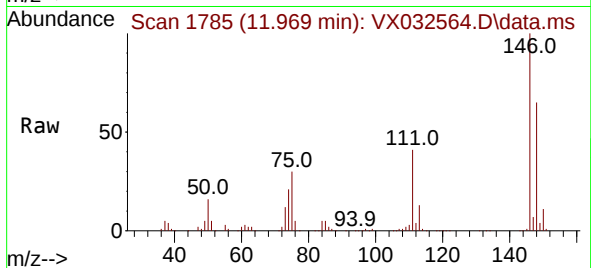
148 64.5 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#88

1,4-Dichlorobenzene

Concen: 52.488 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

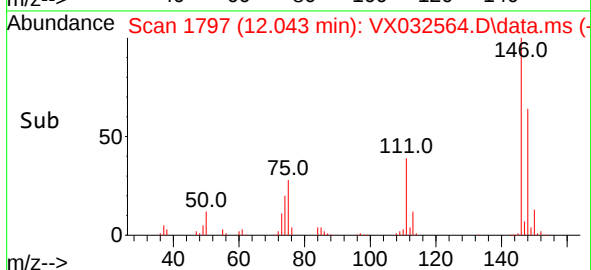
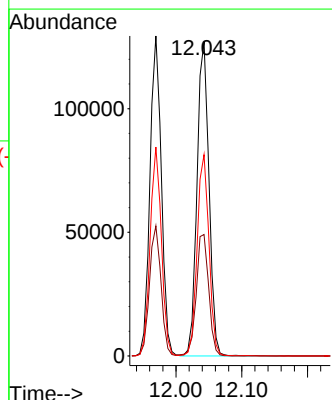
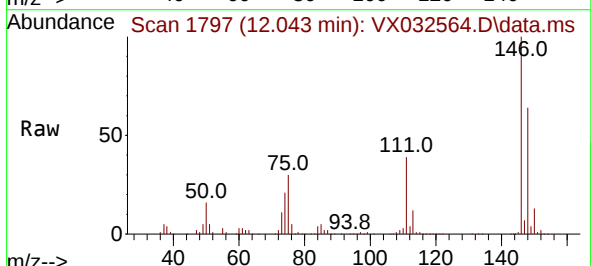
Tgt Ion:146 Resp: 160982

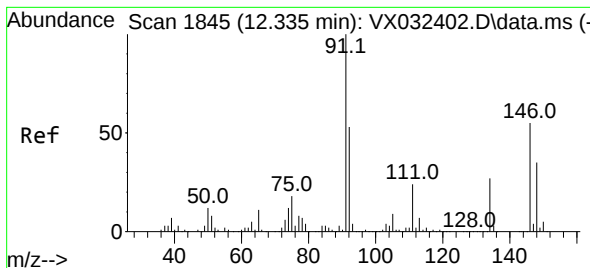
Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

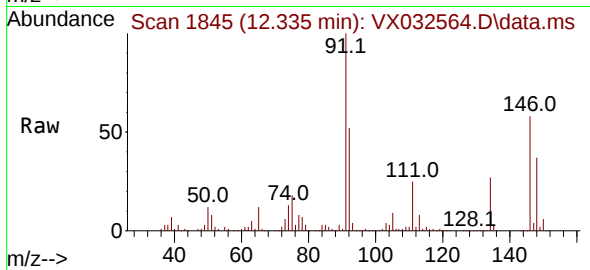
148 63.0 32.2 96.6





#89
n-Butylbenzene
Concen: 55.891 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

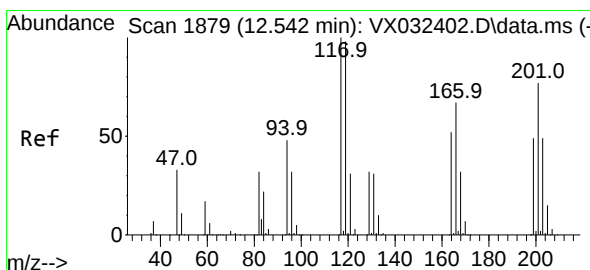
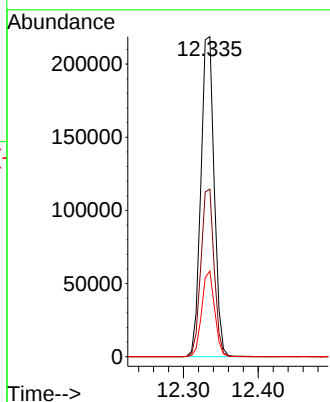
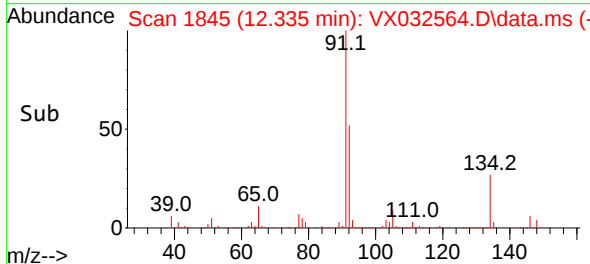
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 27080
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.6
134 25.9 12.9 38.6

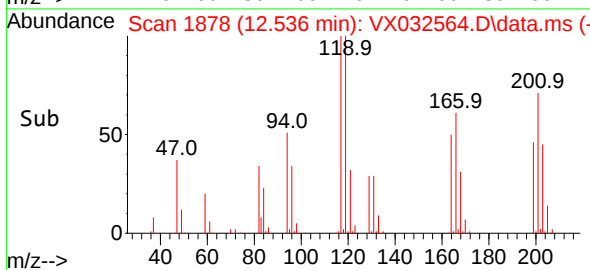
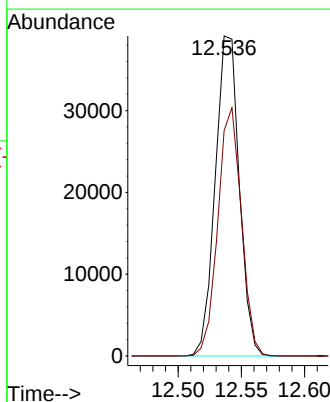
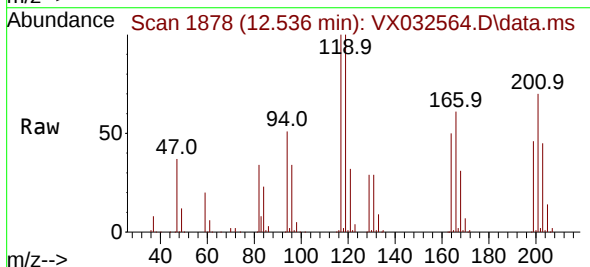
Manual Integrations
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Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#90
Hexachloroethane
Concen: 56.728 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

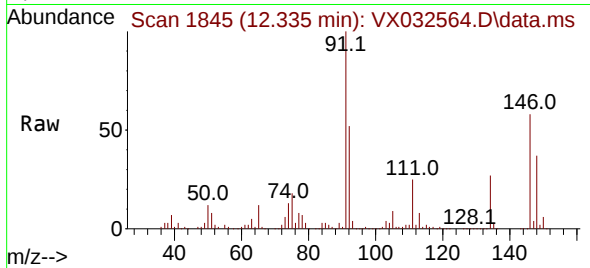
Tgt Ion:117 Resp: 51605
Ion Ratio Lower Upper
117 100
201 76.1 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 53.346 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

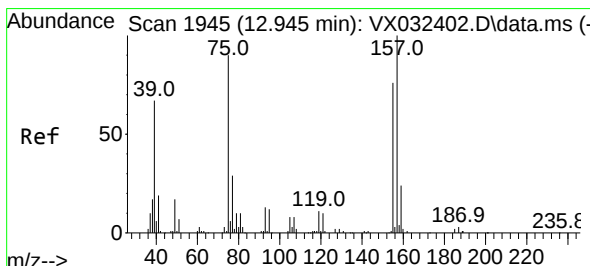
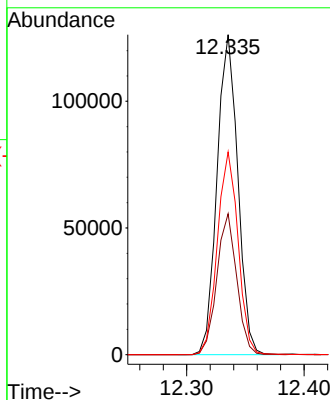
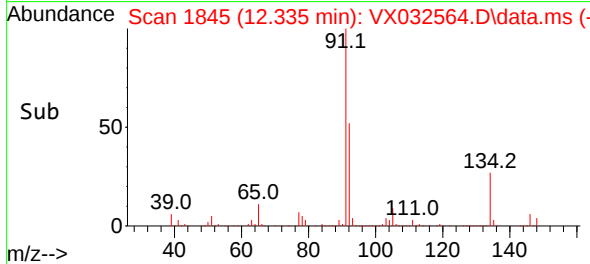
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



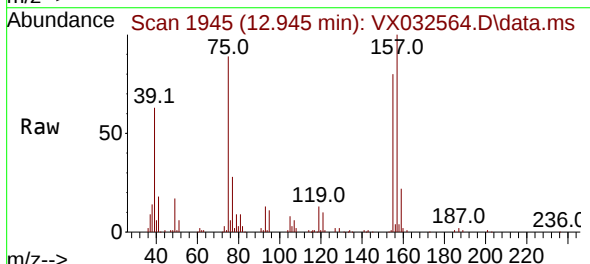
Tgt Ion:146 Resp: 155508
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 63.2 32.0 96.2

Manual Integrations
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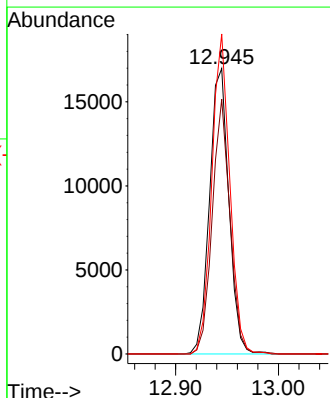
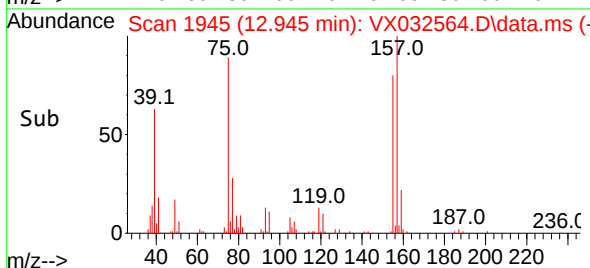
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

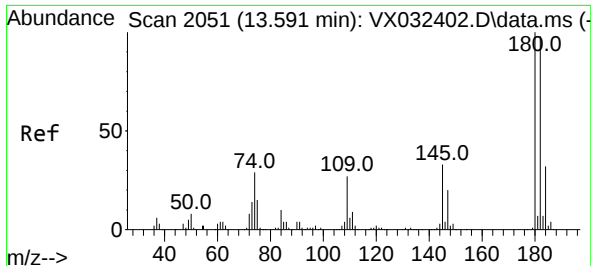


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.254 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



Tgt Ion: 75 Resp: 22160
Ion Ratio Lower Upper
75 100
155 82.0 41.6 124.8
157 104.3 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 52.276 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 9936

Ion Ratio Lower Upper

180 100

182 95.3 48.4 145.0

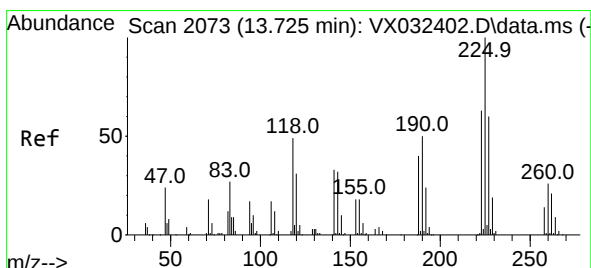
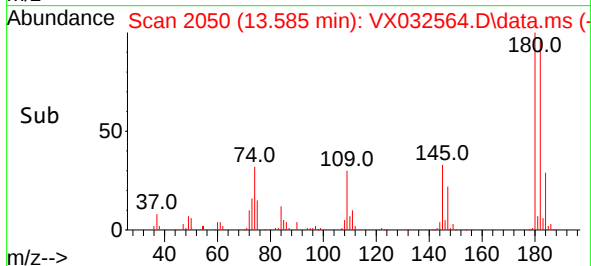
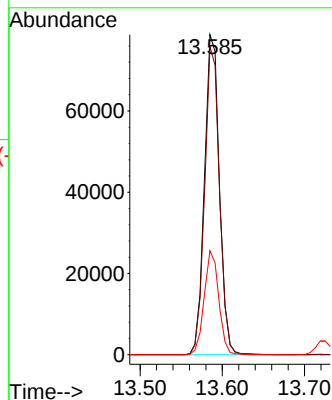
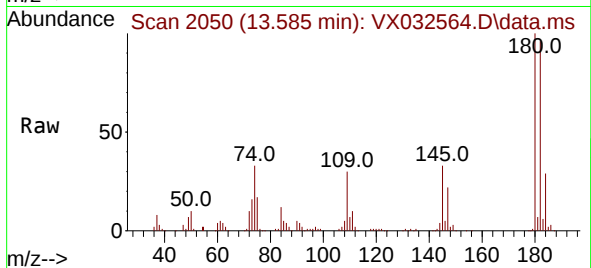
145 31.7 16.2 48.5

Manual Integrations

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Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#94

Hexachlorobutadiene

Concen: 53.681 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX032564.D

Acq: 04 Nov 2022 10:18

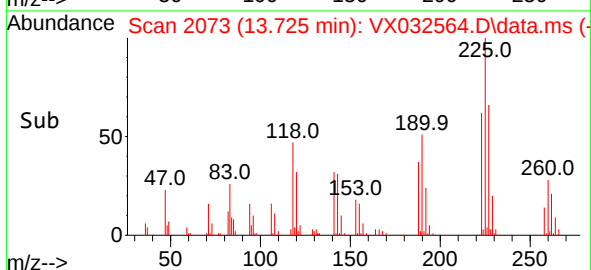
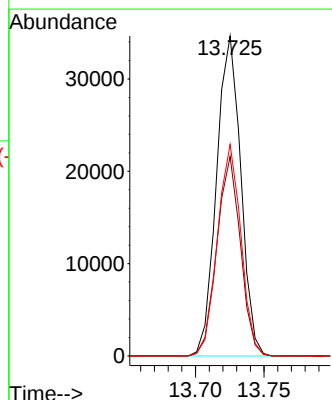
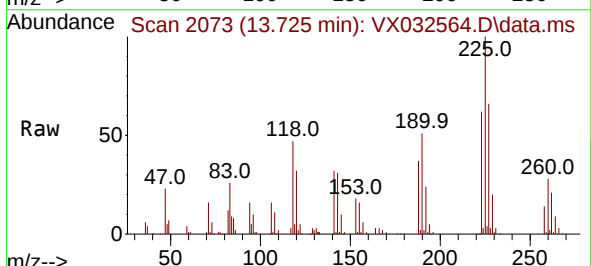
Tgt Ion:225 Resp: 42613

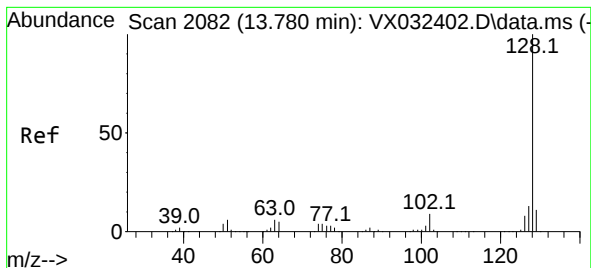
Ion Ratio Lower Upper

225 100

223 60.5 31.9 95.9

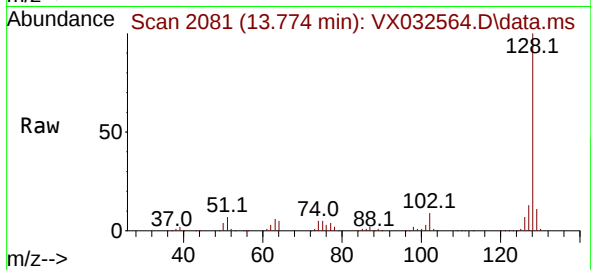
227 63.9 31.9 95.5





#95
Naphthalene
Concen: 49.196 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18

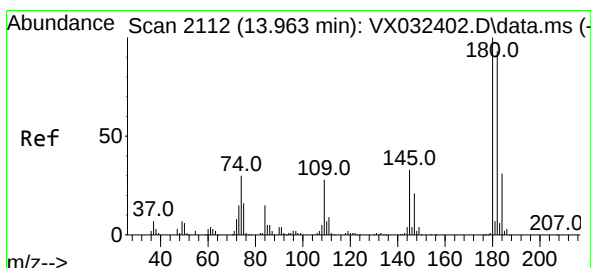
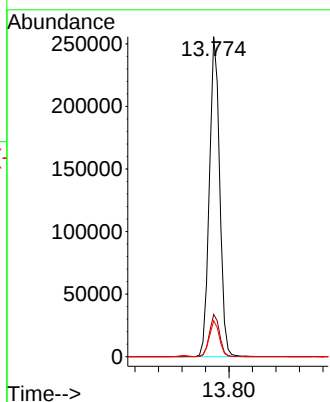
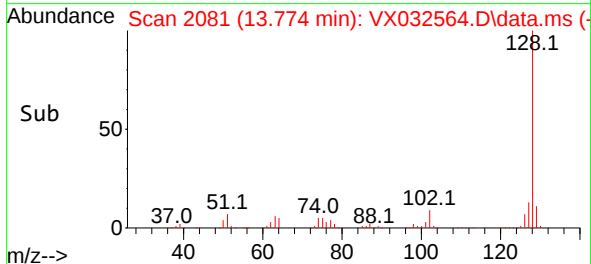
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



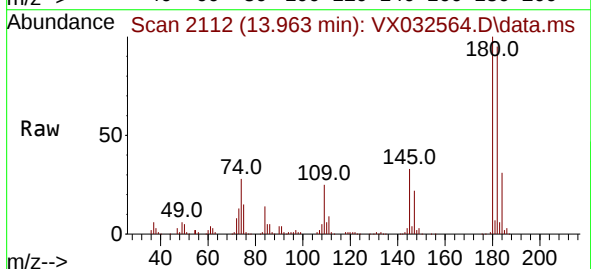
Tgt Ion:128 Resp: 311579
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.692 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032564.D
Acq: 04 Nov 2022 10:18



Tgt Ion:180 Resp: 97943
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 33.8 16.9 50.6

