

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077470.D
 Acq On : 31 Oct 2023 19:53
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 06:11:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	239418	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	433575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	394142	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	178292	52.664	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.320%			
35) Dibromofluoromethane	7.805	113	153959	51.376	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.760%			
50) Toluene-d8	10.269	98	608335	52.263	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.520%			
62) 4-Bromofluorobenzene	12.575	95	199110	50.788	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	91298	47.292	ug/l	95
3) Chloromethane	2.152	50	180070	58.752	ug/l	98
4) Vinyl Chloride	2.287	62	182993	61.227	ug/l	99
5) Bromomethane	2.693	94	105907	67.623	ug/l	97
6) Chloroethane	2.840	64	124970	62.105	ug/l	98
7) Trichlorofluoromethane	3.181	101	213856	51.095	ug/l	99
8) Diethyl Ether	3.593	74	82277	54.687	ug/l	# 49
9) 1,1,2-Trichlorotrifluo...	3.969	101	127333	50.394	ug/l	94
10) Methyl Iodide	4.164	142	162242	50.790	ug/l	91
11) Tert butyl alcohol	5.058	59	59235	220.881	ug/l	97
12) 1,1-Dichloroethene	3.946	96	124684	52.123	ug/l	# 67
13) Acrolein	3.799	56	80573	227.836	ug/l	97
14) Allyl chloride	4.564	41	312928	54.227	ug/l	# 82
15) Acrylonitrile	5.252	53	217972	268.009	ug/l	98
16) Acetone	4.022	43	175264	195.642	ug/l	# 76
17) Carbon Disulfide	4.275	76	380442	51.443	ug/l	99
18) Methyl Acetate	4.564	43	182269	55.779	ug/l	# 76
19) Methyl tert-butyl Ether	5.322	73	391179	52.097	ug/l	92
20) Methylene Chloride	4.805	84	177226	52.757	ug/l	# 64
21) trans-1,2-Dichloroethene	5.316	96	148661	53.362	ug/l	# 67
22) Diisopropyl ether	6.216	45	667063	54.388	ug/l	# 88
23) Vinyl Acetate	6.158	43	1405456m	265.620	ug/l	
24) 1,1-Dichloroethane	6.111	63	341394	53.645	ug/l	93
25) 2-Butanone	7.081	43	291766	244.174	ug/l	# 73
26) 2,2-Dichloropropane	7.081	77	274950	48.752	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	184940	53.583	ug/l	71
28) Bromochloromethane	7.428	49	159753	55.145	ug/l	# 52
29) Tetrahydrofuran	7.440	42	184304	260.064	ug/l	# 70
30) Chloroform	7.599	83	312278	52.554	ug/l	92
31) Cyclohexane	7.875	56	276918	52.324	ug/l	# 75
32) 1,1,1-Trichloroethane	7.793	97	250088	51.083	ug/l	94
36) 1,1-Dichloropropene	8.010	75	231306	52.060	ug/l	92
37) Ethyl Acetate	7.169	43	130666	51.245	ug/l	# 89
38) Carbon Tetrachloride	7.993	117	205312	49.037	ug/l	100
39) Methylcyclohexane	9.275	83	264559	52.186	ug/l	# 80
40) Benzene	8.252	78	676378	53.386	ug/l	99

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 Supervised By :Mahesh Dadoda 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	89934	55.122	ug/l #	68
42) 1,2-Dichloroethane	8.328	62	208405	51.935	ug/l	90
43) Isopropyl Acetate	8.357	43	267835	50.901	ug/l #	79
44) Trichloroethene	9.028	130	155843	50.216	ug/l	88
45) 1,2-Dichloropropane	9.304	63	198456	53.205	ug/l	100
46) Dibromomethane	9.393	93	90101	50.195	ug/l	89
47) Bromodichloromethane	9.587	83	238111	50.186	ug/l	98
48) Methyl methacrylate	9.381	41	130511	51.961	ug/l #	64
49) 1,4-Dioxane	9.387	88	18702	969.608	ug/l #	58
51) 4-Methyl-2-Pentanone	10.157	43	652727	252.019	ug/l #	81
52) Toluene	10.334	92	401653	52.003	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	255022	50.761	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	299438	51.794	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	121344	50.668	ug/l	94
56) Ethyl methacrylate	10.599	69	182930	51.374	ug/l #	63
57) 1,3-Dichloropropane	10.881	76	231840	51.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	501756	281.470	ug/l #	83
59) 2-Hexanone	10.922	43	441263	231.275	ug/l	78
60) Dibromochloromethane	11.075	129	142998	49.657	ug/l	96
61) 1,2-Dibromoethane	11.181	107	114949	50.684	ug/l	99
64) Tetrachloroethene	10.810	164	118898	47.382	ug/l	90
65) Chlorobenzene	11.610	112	408265	49.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	150640	48.277	ug/l	97
67) Ethyl Benzene	11.687	91	795718	50.084	ug/l	93
68) m/p-Xylenes	11.793	106	569673	99.294	ug/l	78
69) o-Xylene	12.122	106	275845	50.196	ug/l	79
70) Styrene	12.134	104	477074	50.322	ug/l #	90
71) Bromoform	12.298	173	80707	46.653	ug/l #	98
73) Isopropylbenzene	12.422	105	720817	49.938	ug/l	94
74) N-amyl acetate	12.234	43	250076	48.913	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	139403	49.269	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	105185m	48.815	ug/l	
77) Bromobenzene	12.698	156	155607	48.977	ug/l	69
78) n-propylbenzene	12.763	91	919939	50.194	ug/l	92
79) 2-Chlorotoluene	12.851	91	516777	49.799	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	595863	49.198	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	53060	47.566	ug/l #	85
82) 4-Chlorotoluene	12.945	91	533368	49.343	ug/l	88
83) tert-Butylbenzene	13.169	119	504216	49.516	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	604936	50.280	ug/l	91
85) sec-Butylbenzene	13.345	105	775005	49.742	ug/l	94
86) p-Isopropyltoluene	13.463	119	636596	50.267	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	307351	49.213	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	306075	49.053	ug/l	96
89) n-Butylbenzene	13.787	91	650872	49.448	ug/l	96
90) Hexachloroethane	14.057	117	123527	47.666	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	269270	49.061	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	22242	46.662	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	178495	47.340	ug/l	98
94) Hexachlorobutadiene	15.204	225	94626	46.526	ug/l	99
95) Naphthalene	15.334	128	352432	48.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	158984	48.848	ug/l	97

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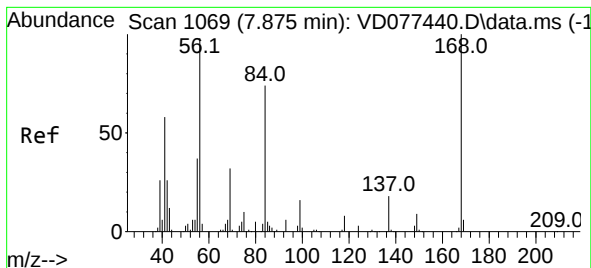
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 06:11:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 239418

Ion Ratio Lower Upper

168 100

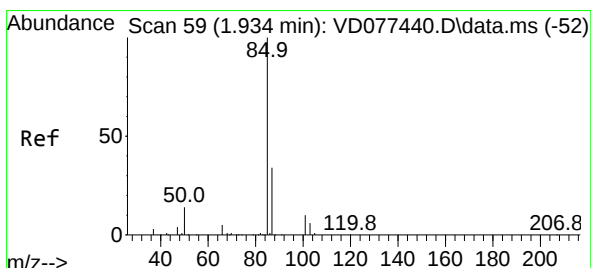
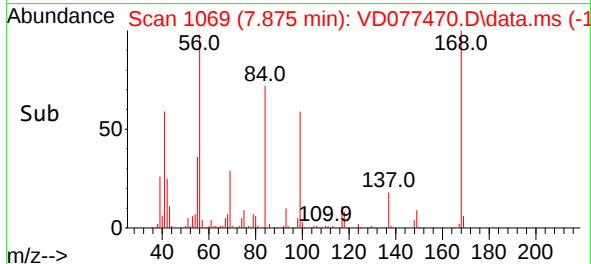
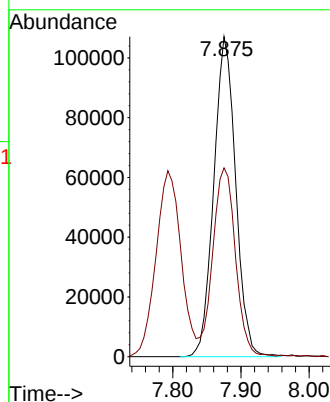
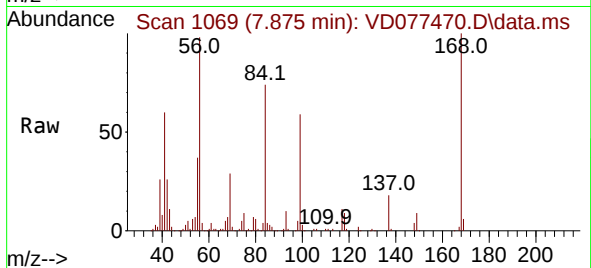
99 58.5 36.7 55.1

Manual Integrations

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Supervised By :Mahesh Dadoda 11/01/2023



#2

Dichlorodifluoromethane

Concen: 47.292 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077470.D

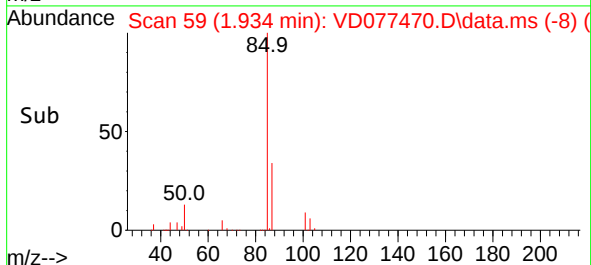
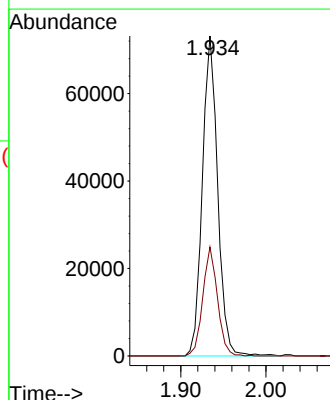
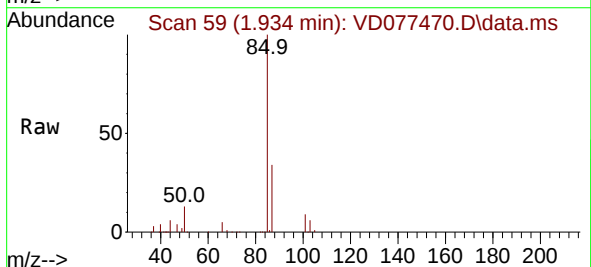
Acq: 31 Oct 2023 19:53

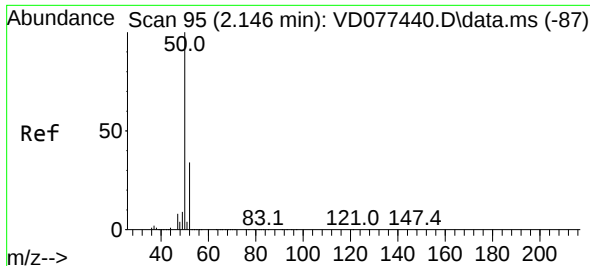
Tgt Ion: 85 Resp: 91298

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.0





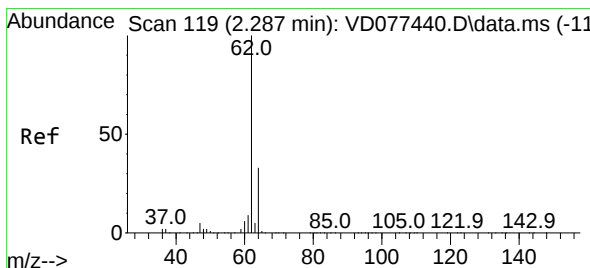
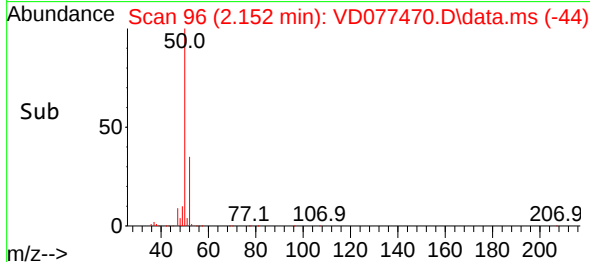
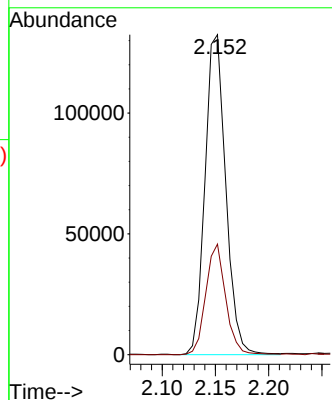
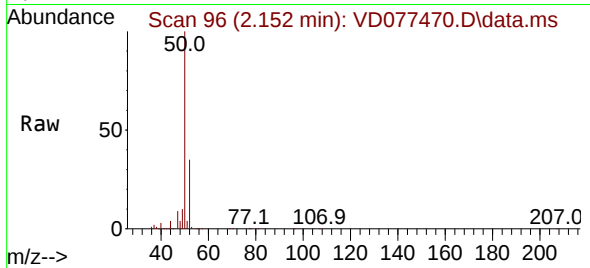
#3
Chloromethane
Concen: 58.752 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 180070
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0

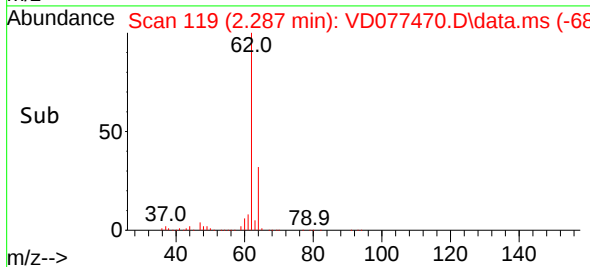
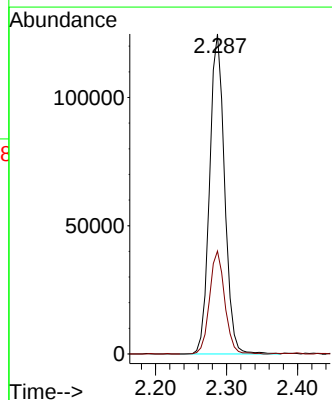
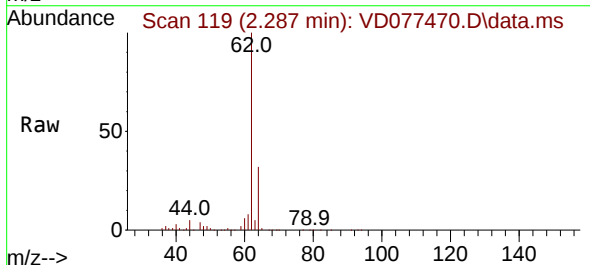
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#4
Vinyl Chloride
Concen: 61.227 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

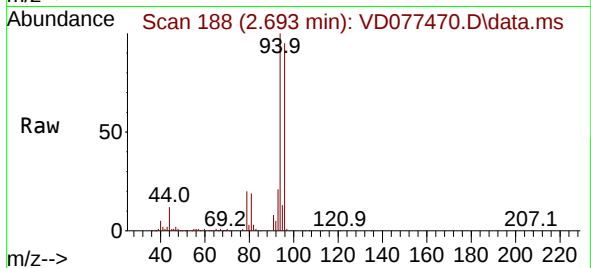
Tgt Ion: 62 Resp: 182993
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5
Bromomethane
Concen: 67.623 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

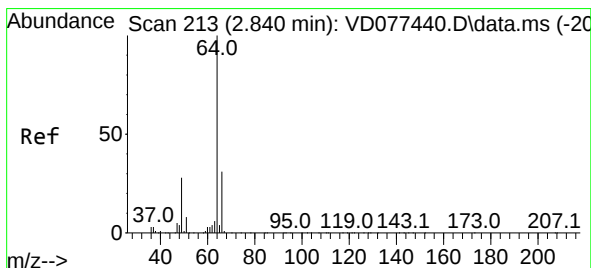
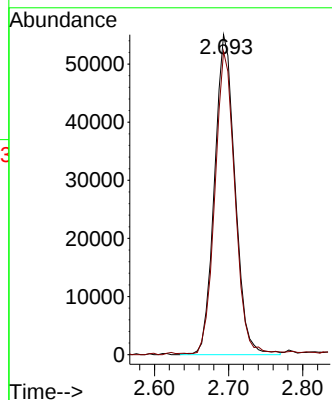
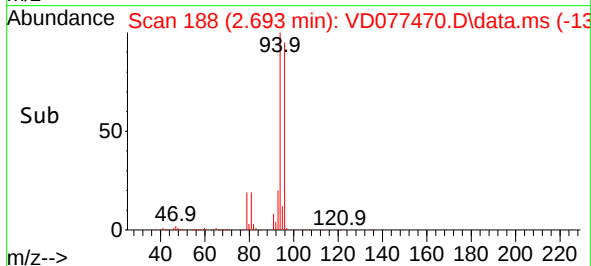
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 10590
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8

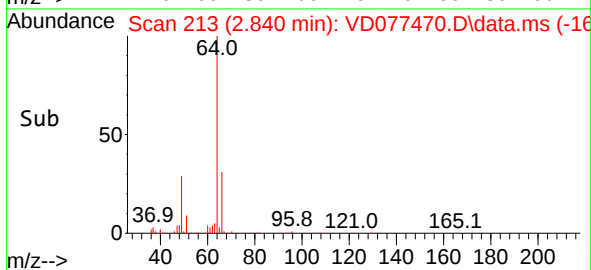
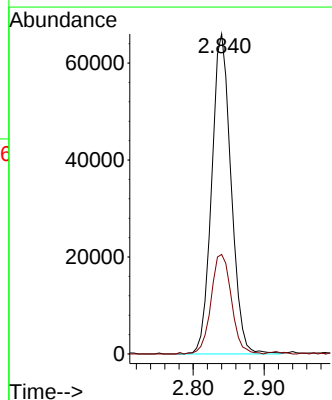
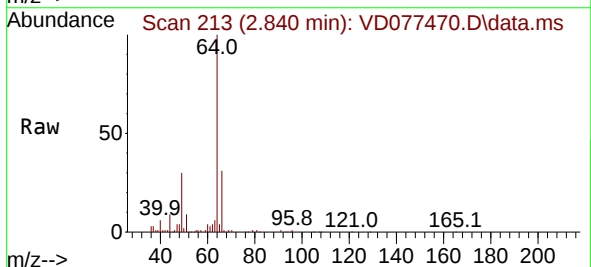
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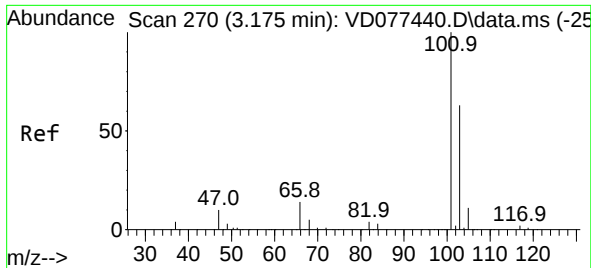
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#6
Chloroethane
Concen: 62.105 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

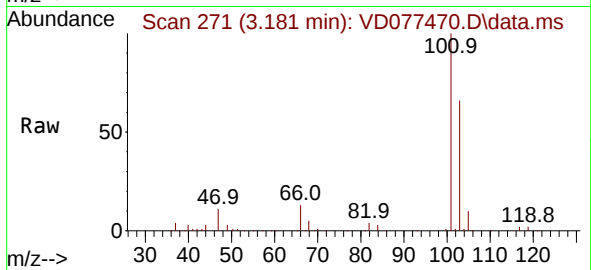
Tgt Ion: 64 Resp: 124970
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3





#7
Trichlorofluoromethane
Concen: 51.095 ug/l
RT: 3.181 min Scan# 21385
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

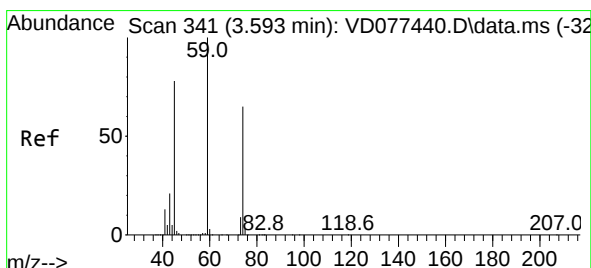
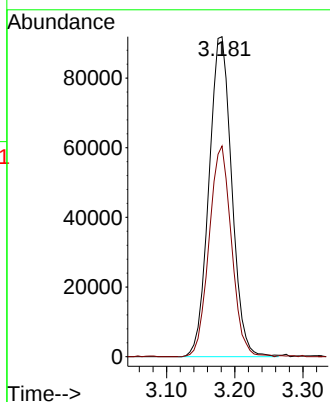
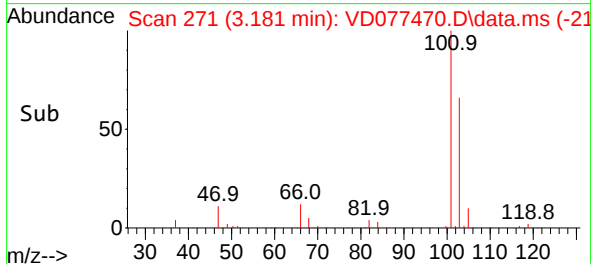
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 21385
Ion Ratio Lower Upper
101 100
103 65.9 52.3 78.5

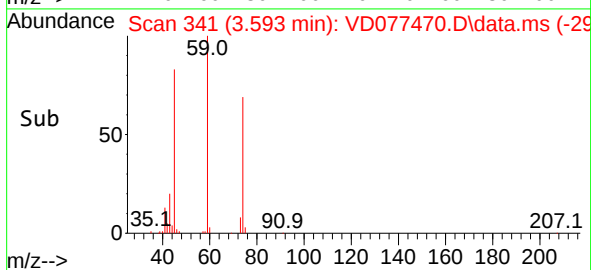
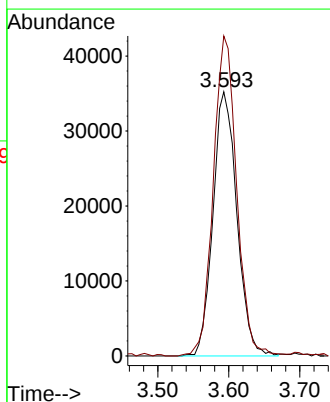
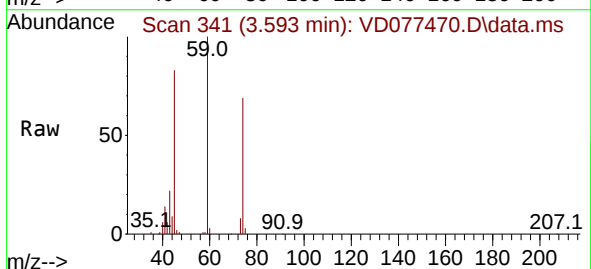
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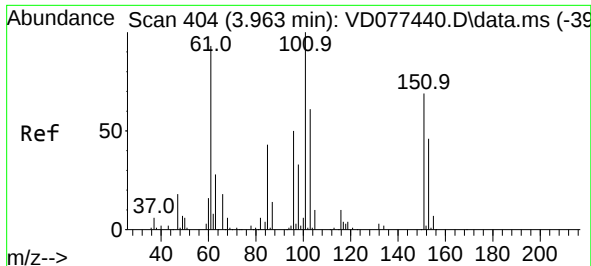
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#8
Diethyl Ether
Concen: 54.687 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 74 Resp: 82277
Ion Ratio Lower Upper
74 100
45 118.7 37.5 112.7#





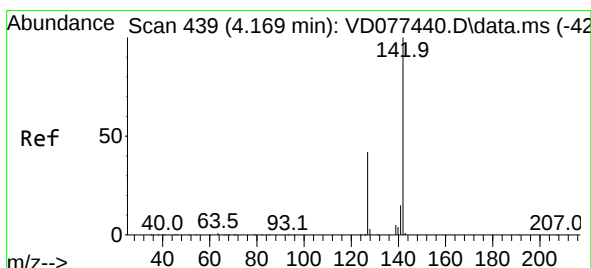
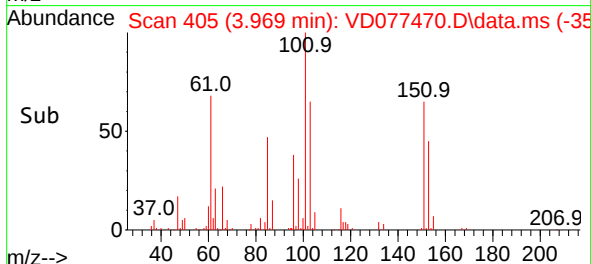
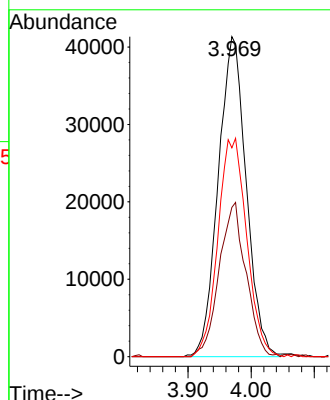
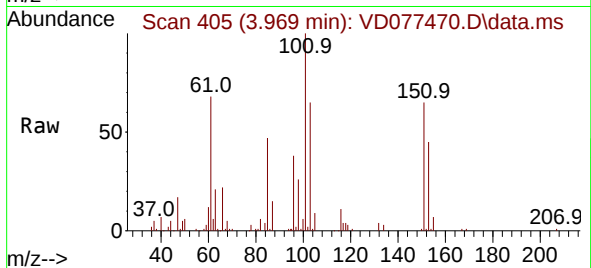
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.394 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12733
Ion Ratio Lower Upper
101 100
85 46.2 33.8 50.6
151 70.2 59.8 89.6

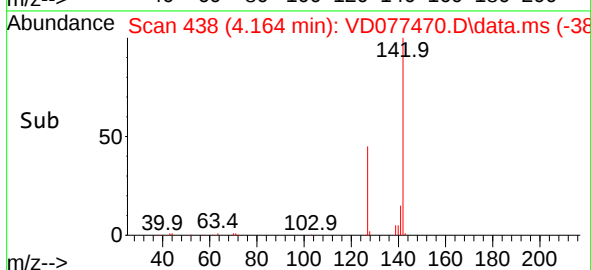
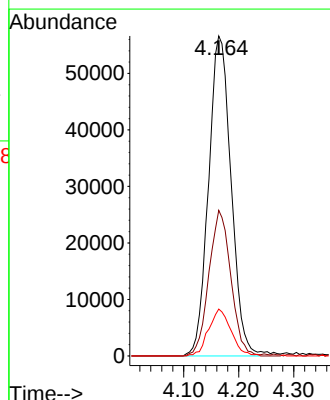
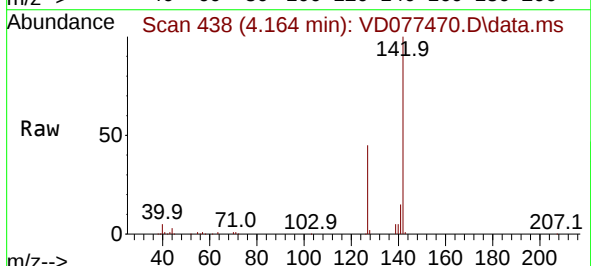
Manual Integrations
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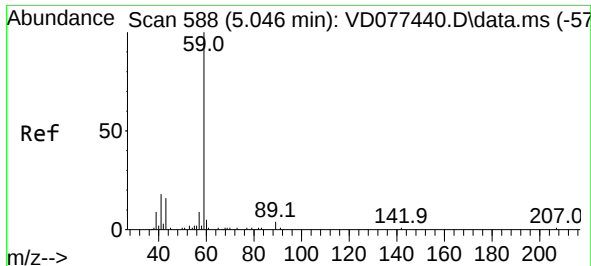
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#10
Methyl Iodide
Concen: 50.790 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion:142 Resp: 162242
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 14.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 220.881 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.012 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5923

Ion Ratio Lower Upper

59 100

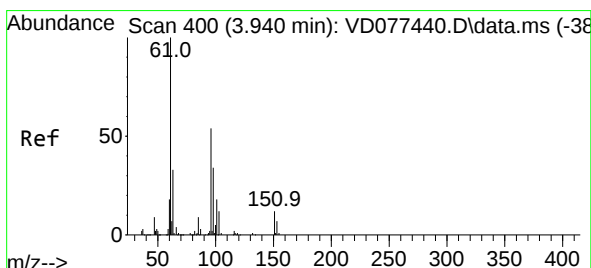
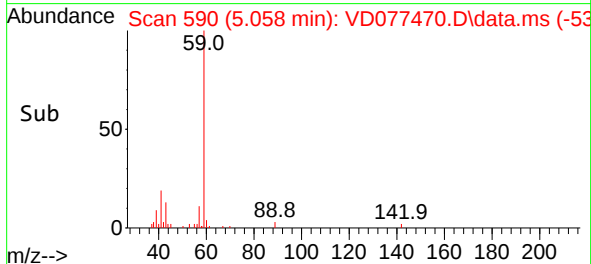
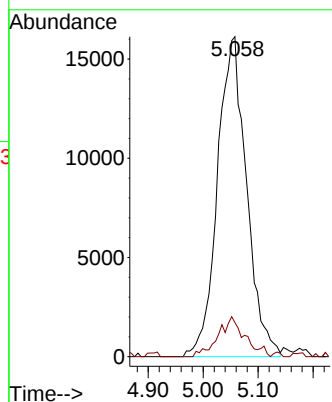
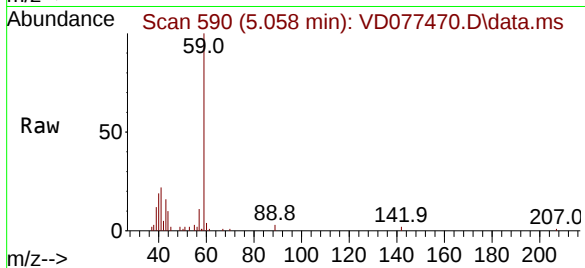
57 10.9 7.8 11.8

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#12

1,1-Dichloroethene

Concen: 52.123 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

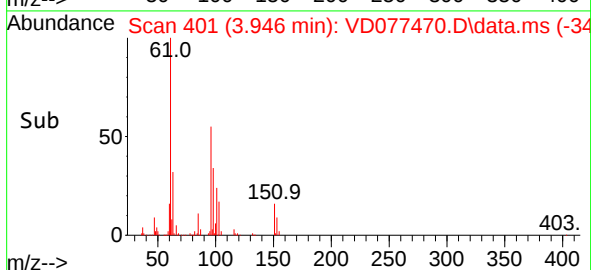
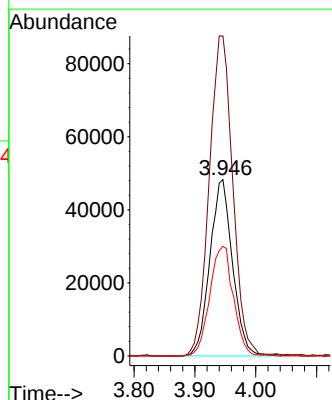
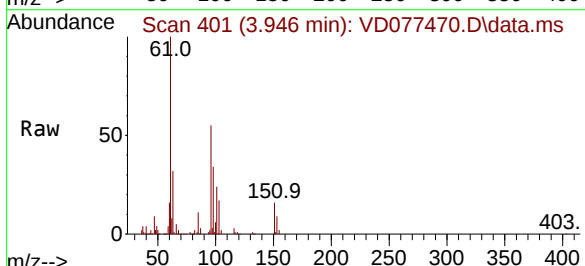
Tgt Ion: 96 Resp: 124684

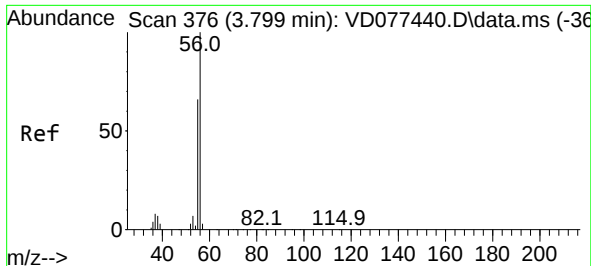
Ion Ratio Lower Upper

96 100

61 181.5 100.6 150.8#

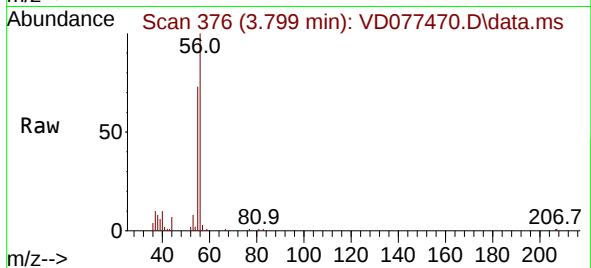
98 62.1 50.2 75.2





#13
Acrolein
Concen: 227.836 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

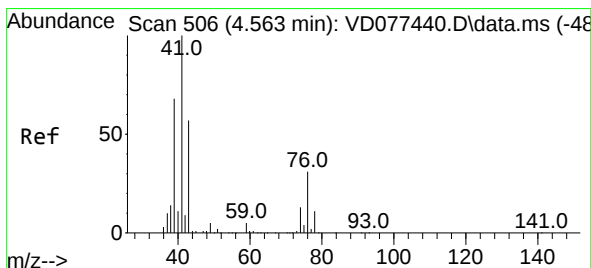
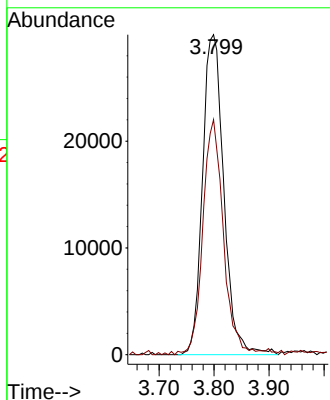
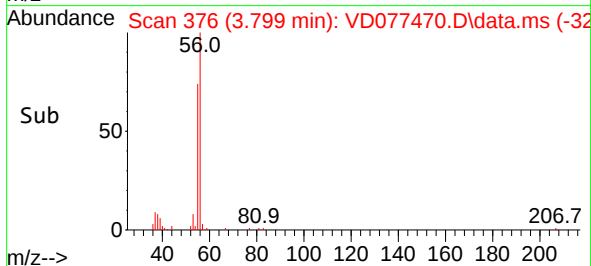
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



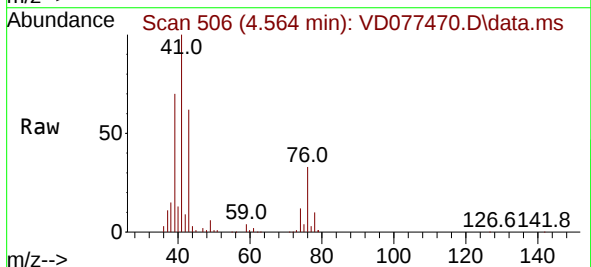
Tgt Ion: 56 Resp: 8057
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7

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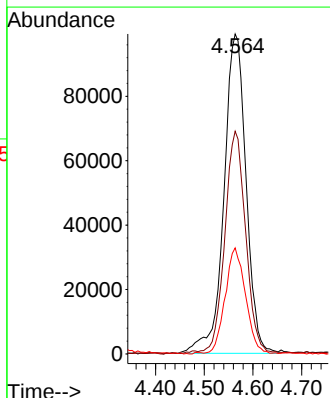
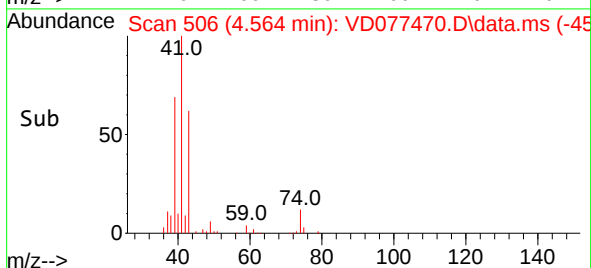
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#14
Allyl chloride
Concen: 54.227 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



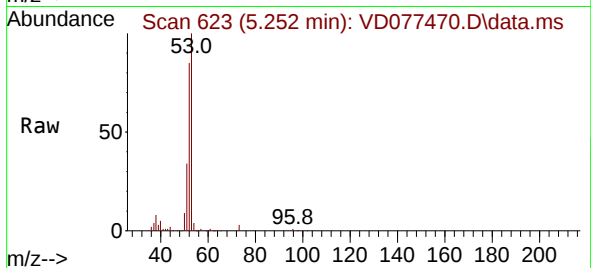
Tgt Ion: 41 Resp: 312928
Ion Ratio Lower Upper
41 100
39 64.8 53.8 80.6
76 30.3 45.8 68.8#





#15
Acrylonitrile
Concen: 268.009 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

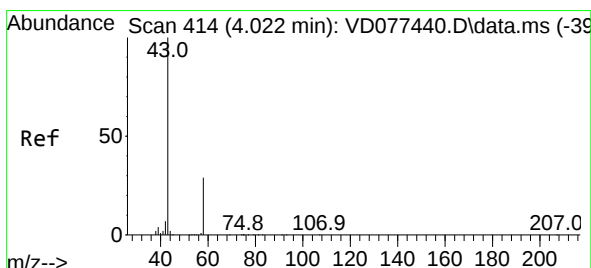
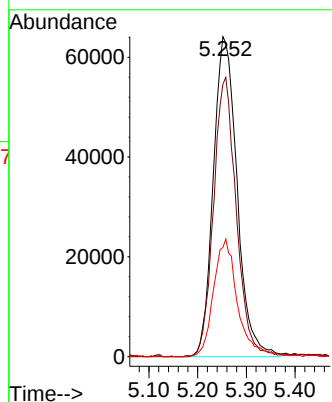
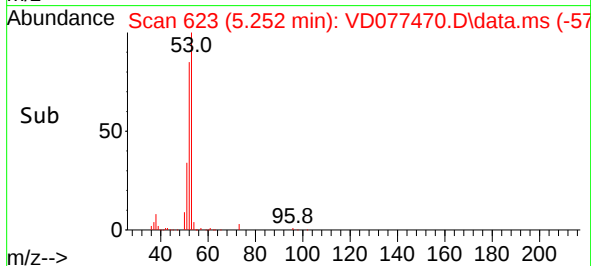
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



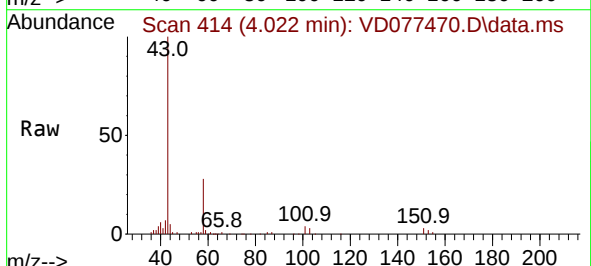
Tgt Ion: 53 Resp: 217972
Ion Ratio Lower Upper
53 100
52 83.3 65.0 97.4
51 36.9 28.3 42.5

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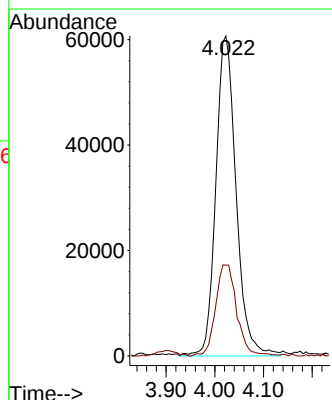
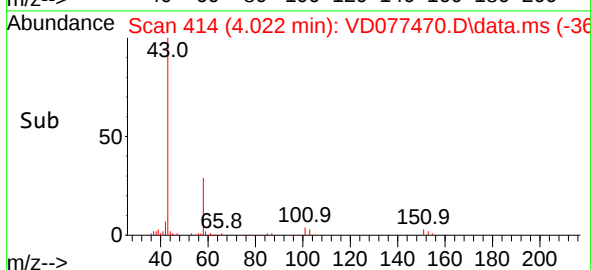
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

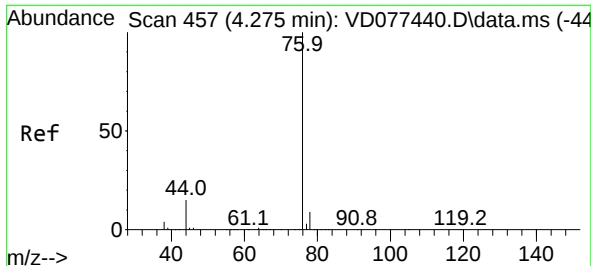


#16
Acetone
Concen: 195.642 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



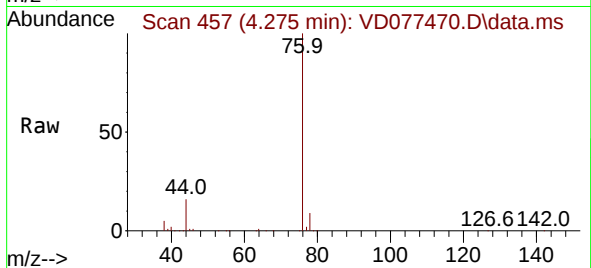
Tgt Ion: 43 Resp: 175264
Ion Ratio Lower Upper
43 100
58 28.1 34.7 52.1#





#17
Carbon Disulfide
Concen: 51.443 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

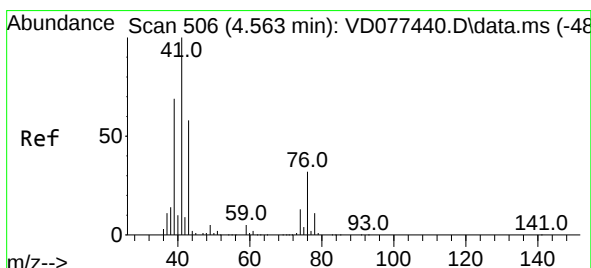
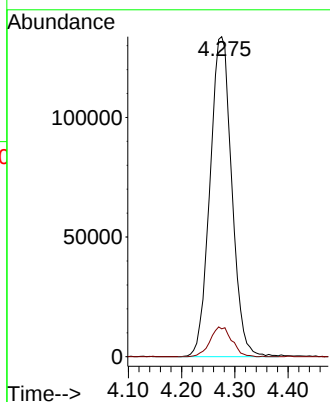
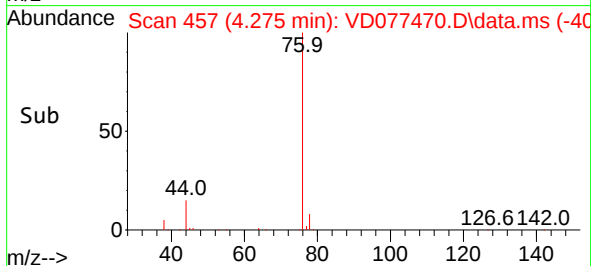
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 38044
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

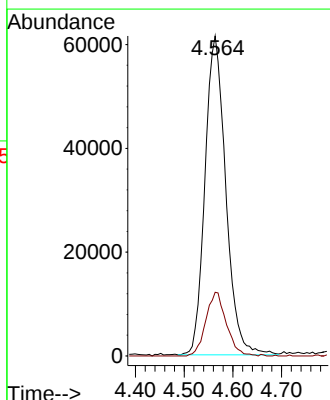
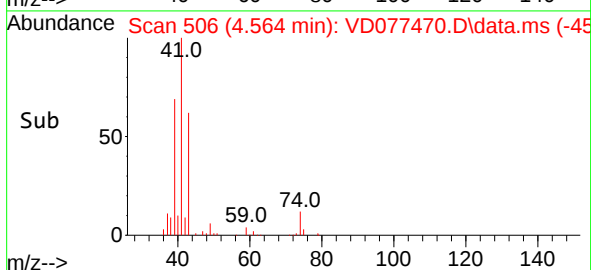
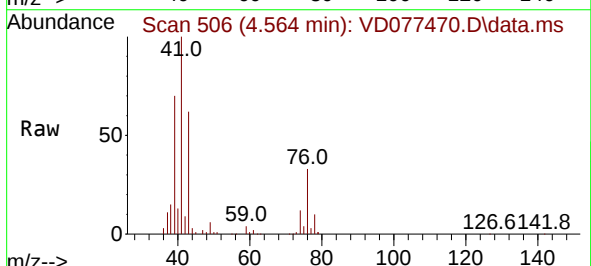
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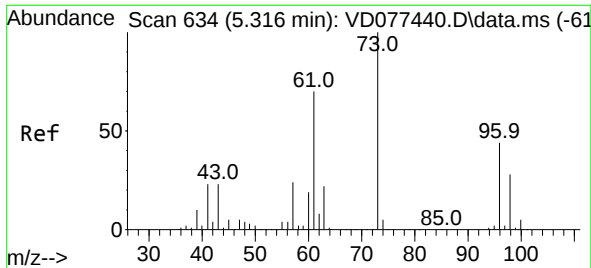
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#18
Methyl Acetate
Concen: 55.779 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 43 Resp: 182269
Ion Ratio Lower Upper
43 100
74 19.6 26.4 39.6#





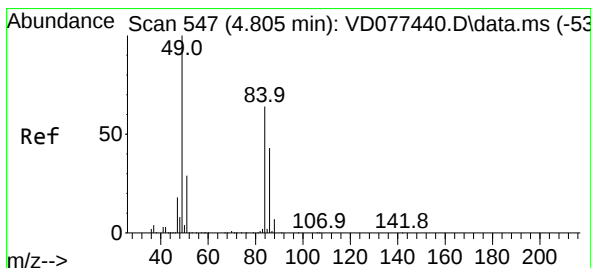
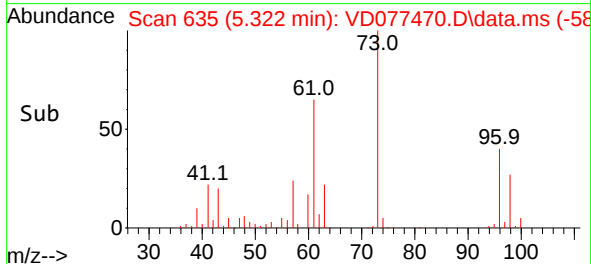
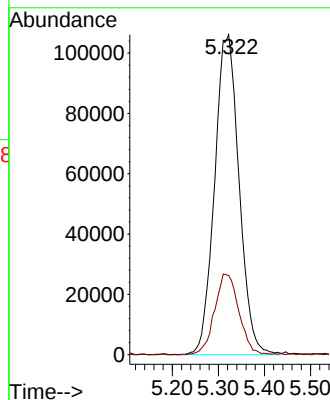
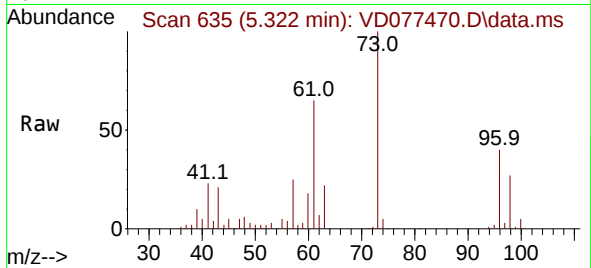
#19
Methyl tert-butyl Ether
Concen: 52.097 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 391179
Ion Ratio Lower Upper
73 100
57 24.7 16.6 25.0

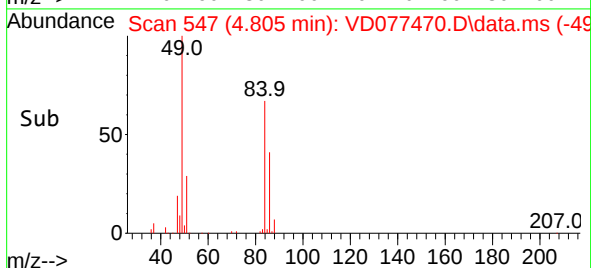
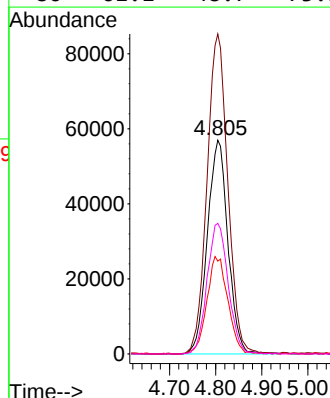
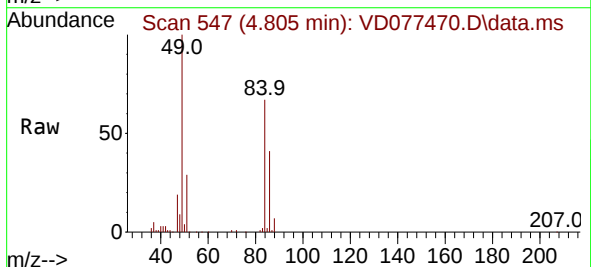
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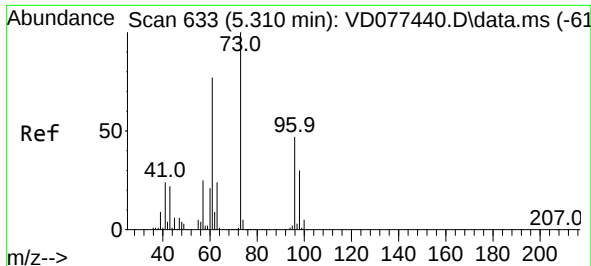
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#20
Methylene Chloride
Concen: 52.757 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

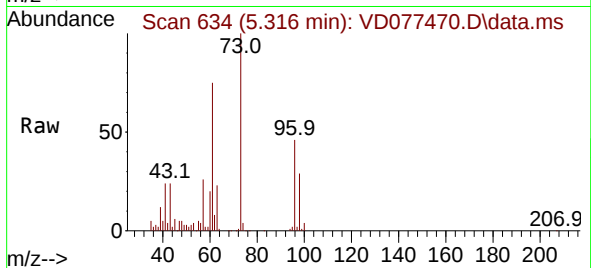
Tgt Ion: 84 Resp: 177226
Ion Ratio Lower Upper
84 100
49 149.6 71.4 107.2#
51 43.4 24.5 36.7#
86 61.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 53.362 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

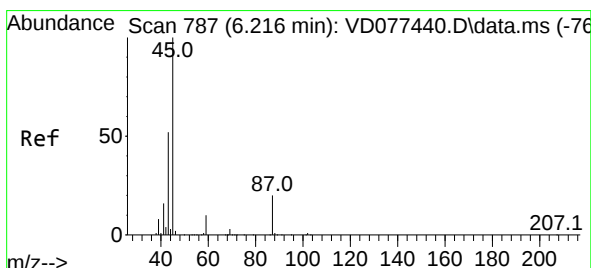
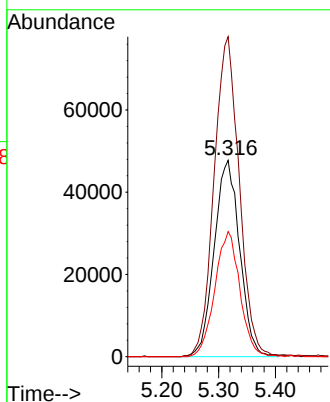
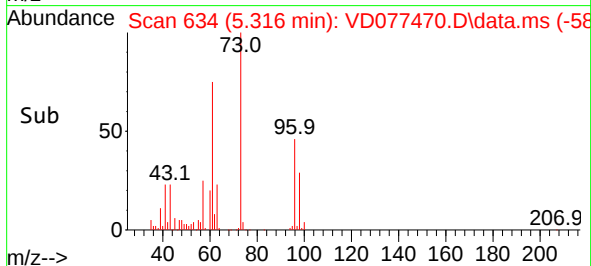
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 14866
Ion Ratio Lower Upper
96 100
61 162.9 89.3 133.9
98 63.7 48.6 73.0

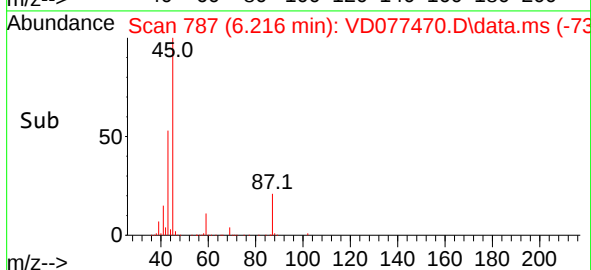
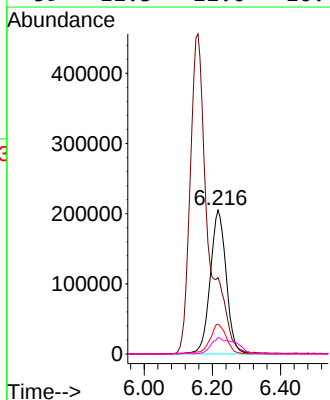
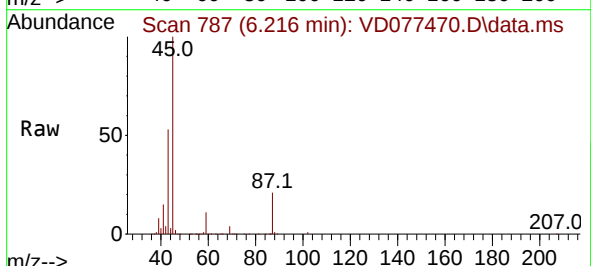
Manual Integrations
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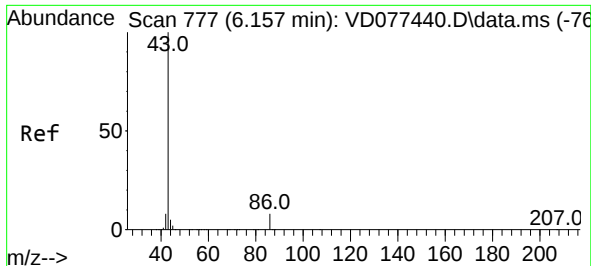
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#22
Diisopropyl ether
Concen: 54.388 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

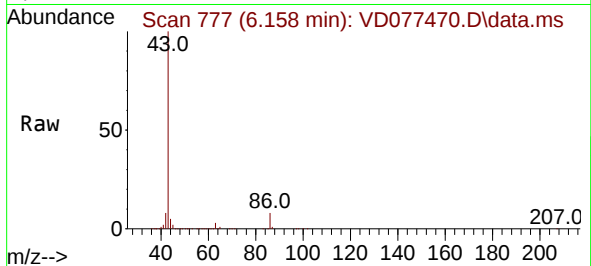
Tgt Ion: 45 Resp: 667063
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 20.7 28.2 42.4
59 11.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 265.620 ug/l m
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

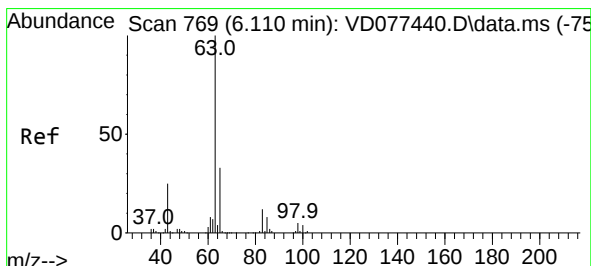
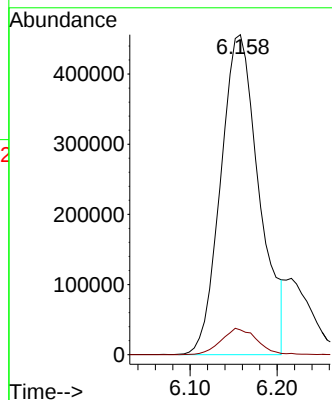
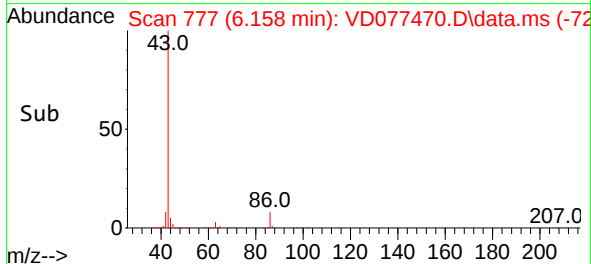
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



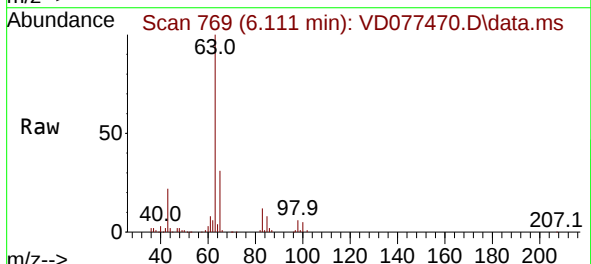
Tgt Ion: 43 Resp: 140545
 Ion Ratio Lower Upper
 43 100
 86 7.8 12.5 18.7

Manual Integrations
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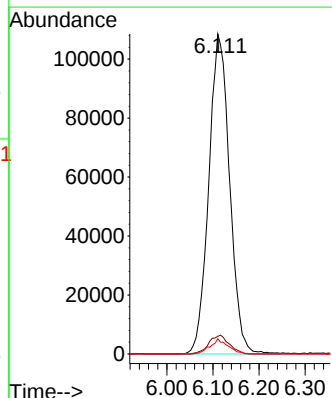
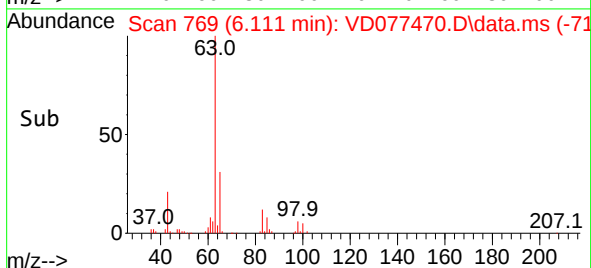
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#24
 1,1-Dichloroethane
 Concen: 53.645 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53



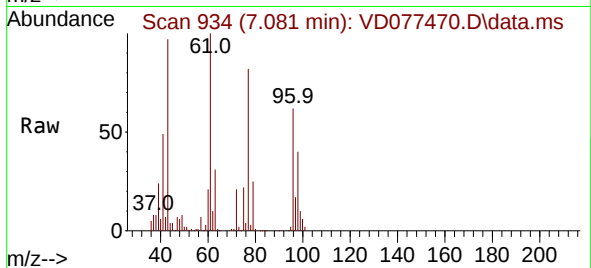
Tgt Ion: 63 Resp: 341394
 Ion Ratio Lower Upper
 63 100
 98 5.5 4.5 13.7
 100 4.8 2.5 7.5





#25
2-Butanone
Concen: 244.174 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

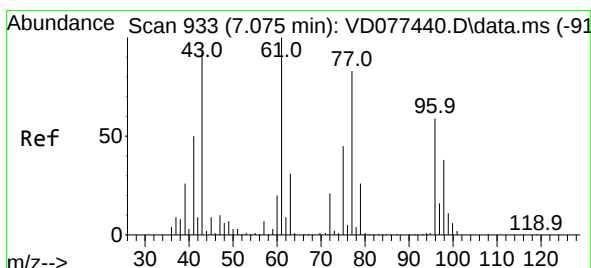
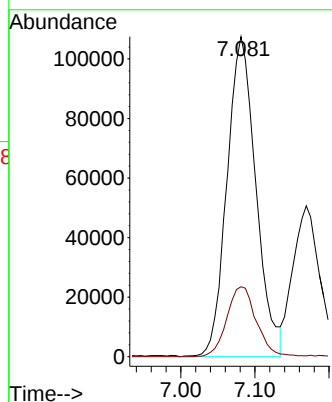
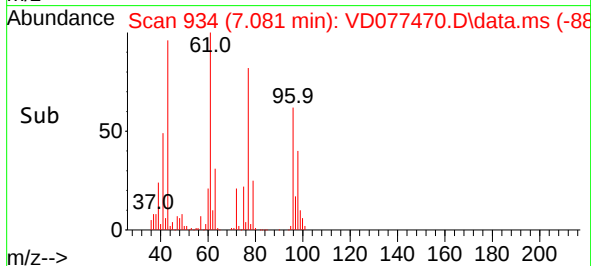
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



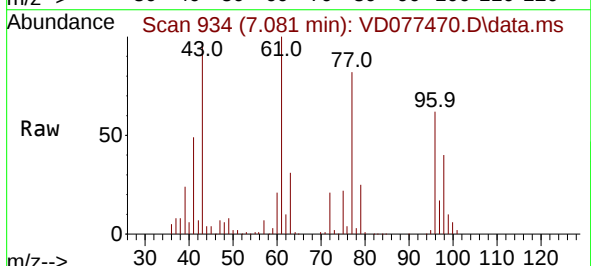
Tgt Ion: 43 Resp: 291760
Ion Ratio Lower Upper
43 100
72 21.8 30.7 46.1

Manual Integrations
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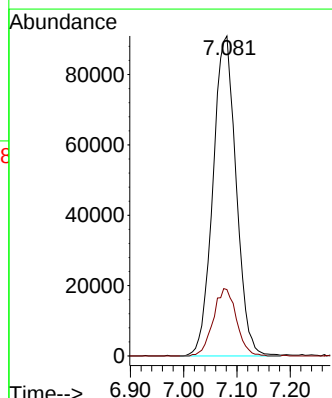
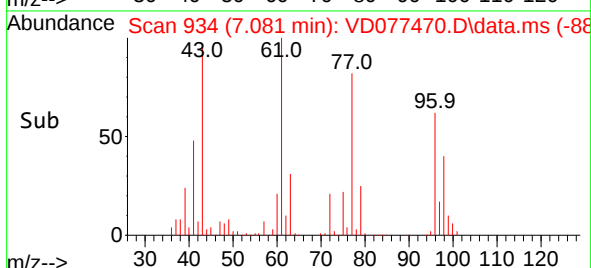
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#26
2,2-Dichloropropane
Concen: 48.752 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



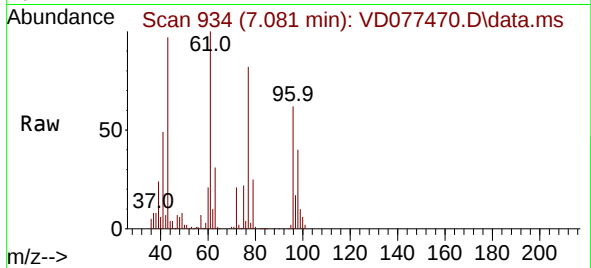
Tgt Ion: 77 Resp: 274950
Ion Ratio Lower Upper
77 100
97 21.0 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.583 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

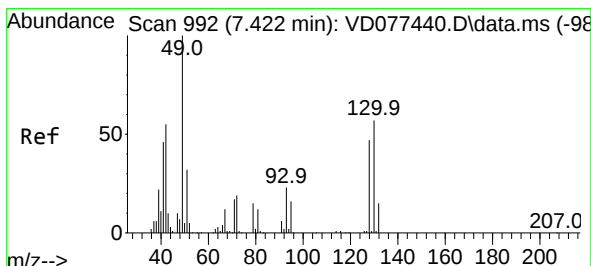
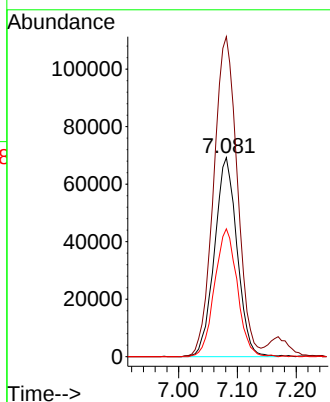
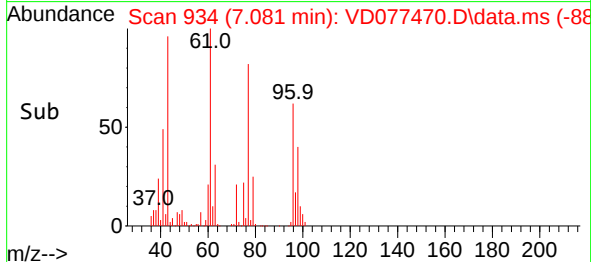
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 184940
 Ion Ratio Lower Upper
 96 100
 61 168.8 0.0 239.2
 98 64.6 0.0 128.6

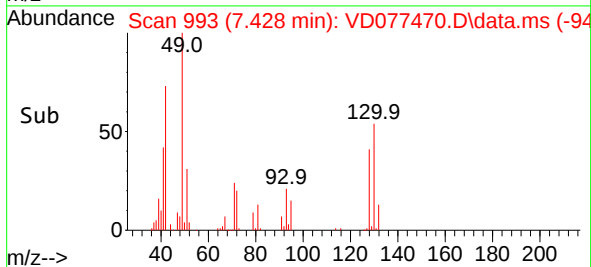
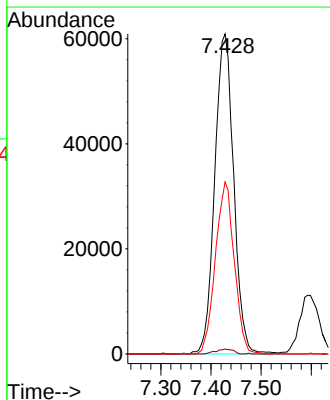
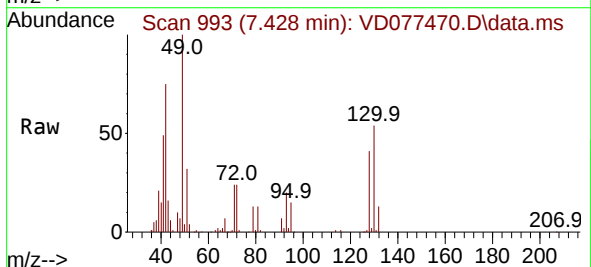
Manual Integrations
 APPROVED

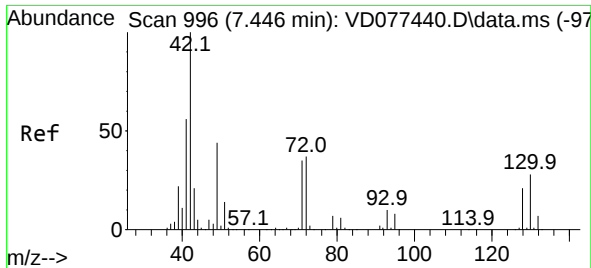
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#28
 Bromochloromethane
 Concen: 55.145 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

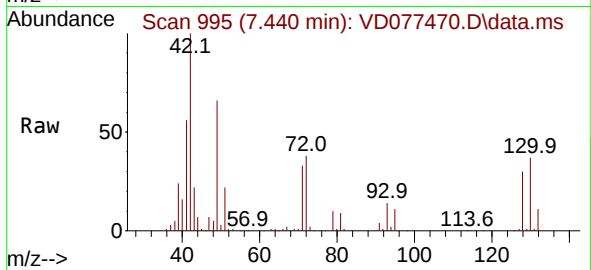
Tgt Ion: 49 Resp: 159753
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 53.4 83.2 124.8#





#29
Tetrahydrofuran
Concen: 260.064 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

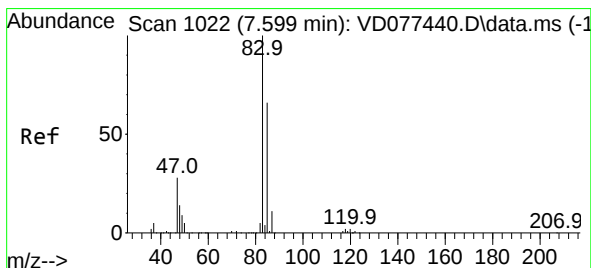
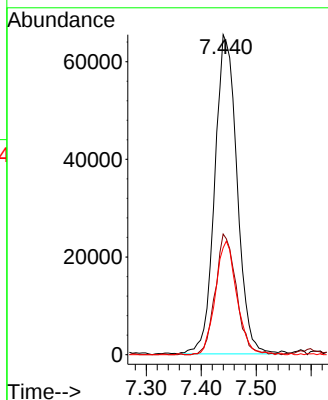
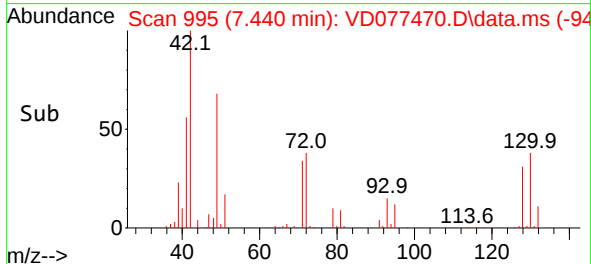
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



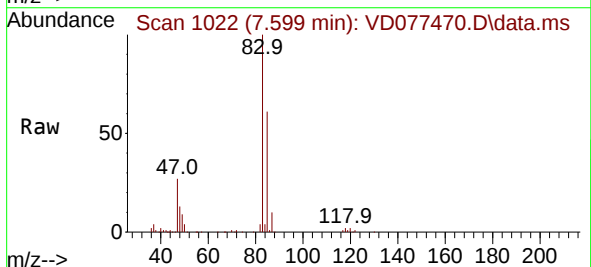
Tgt Ion: 42 Resp: 184304
Ion Ratio Lower Upper
42 100
72 35.8 46.5 69.7
71 34.2 44.5 66.7

Manual Integrations
APPROVED

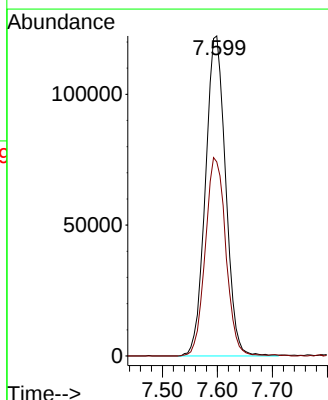
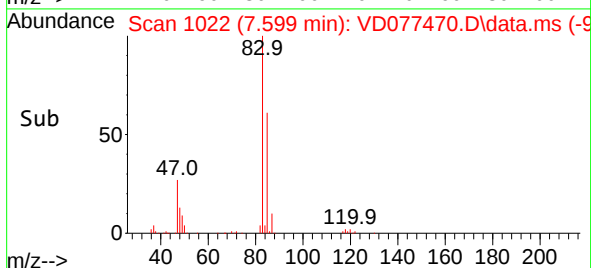
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

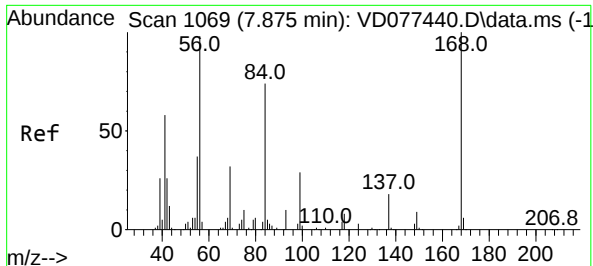


#30
Chloroform
Concen: 52.554 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



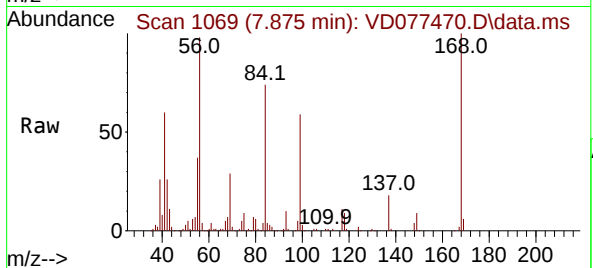
Tgt Ion: 83 Resp: 312278
Ion Ratio Lower Upper
83 100
85 60.7 53.4 80.2





#31
Cyclohexane
Concen: 52.324 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

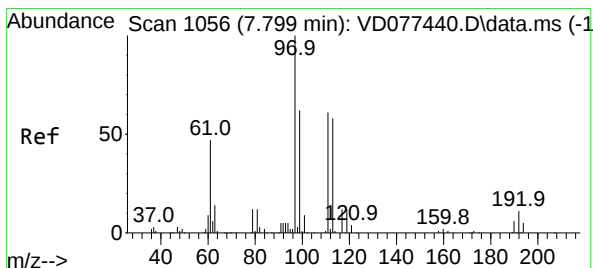
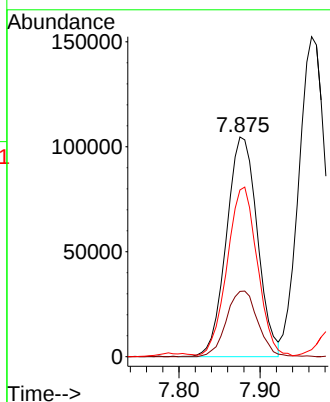
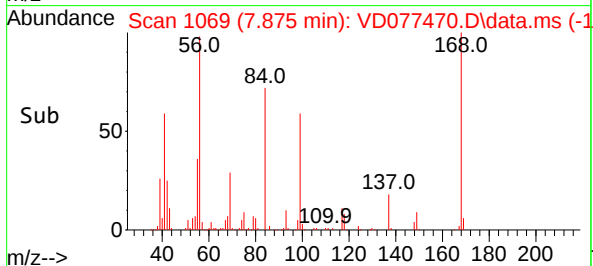
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



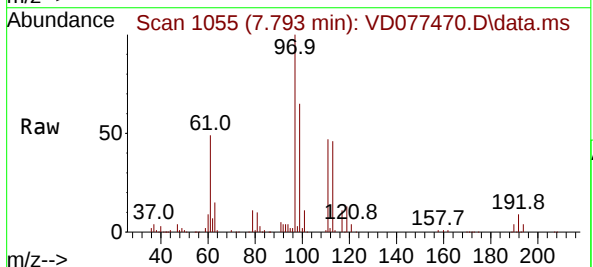
Tgt Ion: 56 Resp: 276918
Ion Ratio Lower Upper
56 100
69 29.7 28.6 43.0
84 74.7 84.8 127.2

Manual Integrations
APPROVED

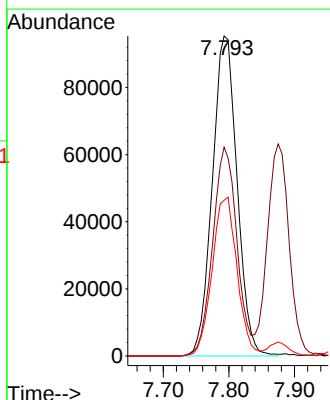
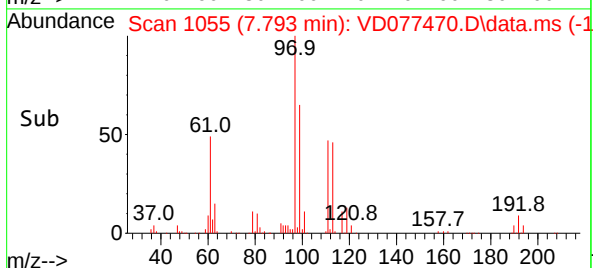
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

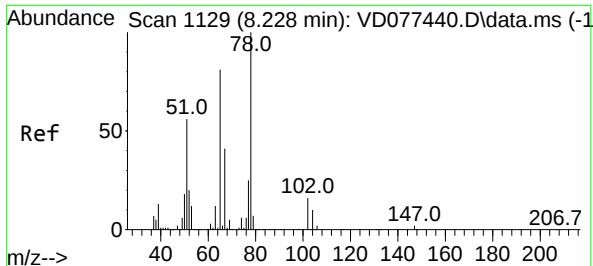


#32
1,1,1-Trichloroethane
Concen: 51.083 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



Tgt Ion: 97 Resp: 250088
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 50.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.664 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 178292

Ion Ratio Lower Upper

65 100

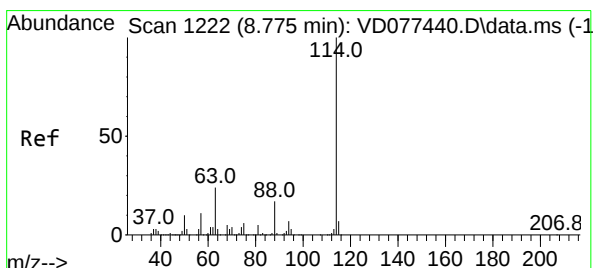
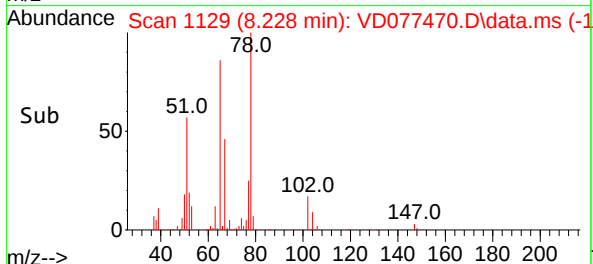
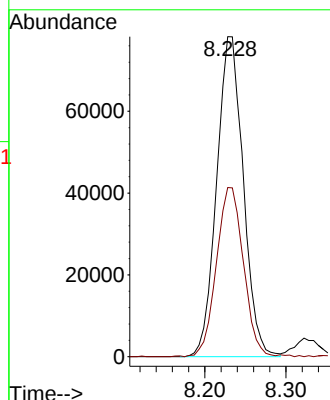
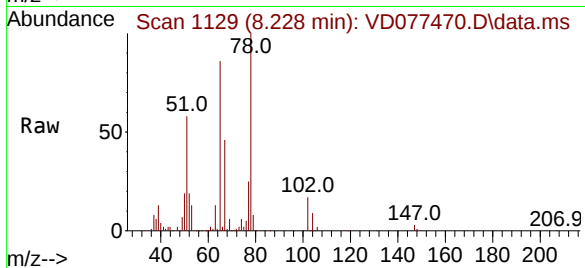
67 53.6 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

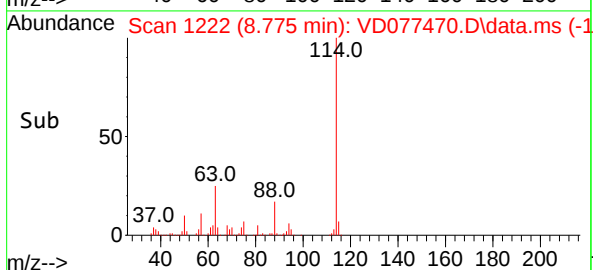
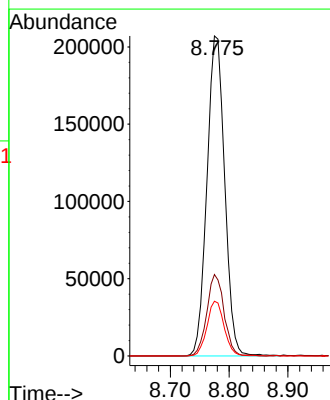
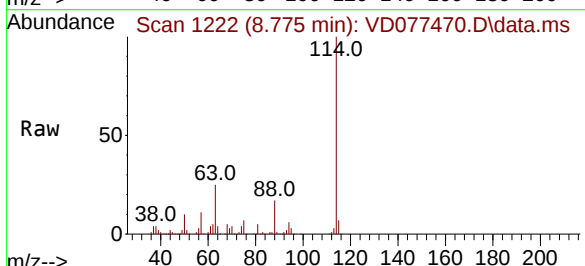
Tgt Ion:114 Resp: 433575

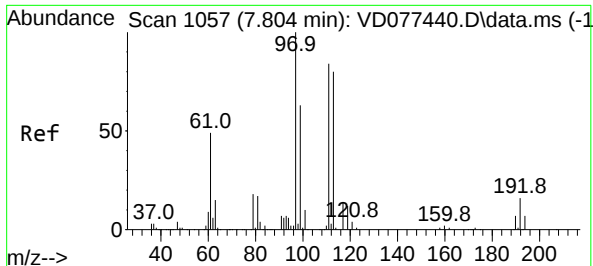
Ion Ratio Lower Upper

114 100

63 25.5 0.0 33.4

88 17.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.376 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 15395

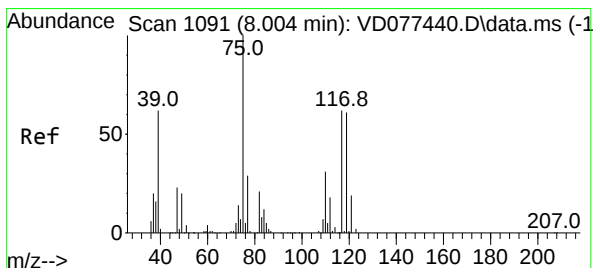
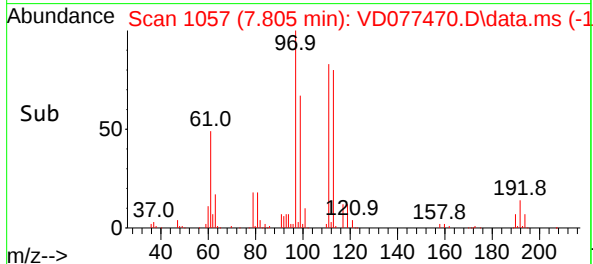
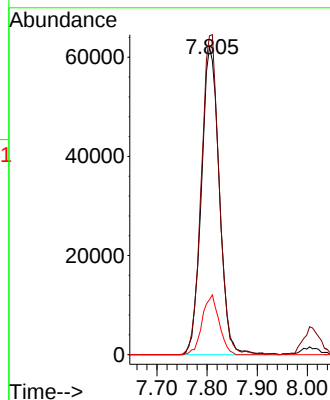
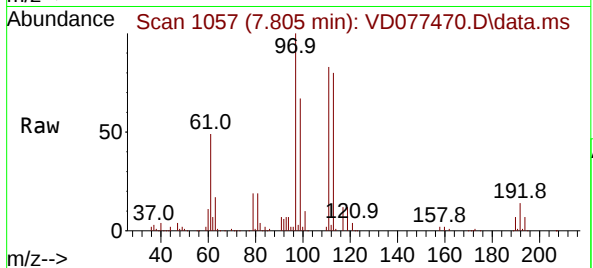
Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.7	127.1
192	18.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#36

1,1-Dichloropropene

Concen: 52.060 ug/l

RT: 8.010 min Scan# 1092

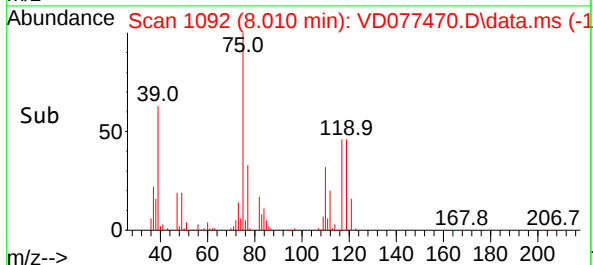
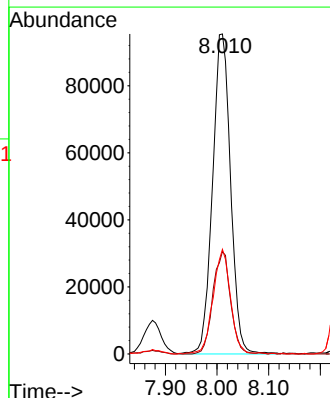
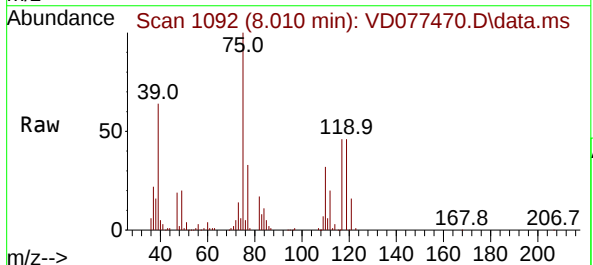
Delta R.T. 0.006 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Tgt Ion: 75 Resp: 231306

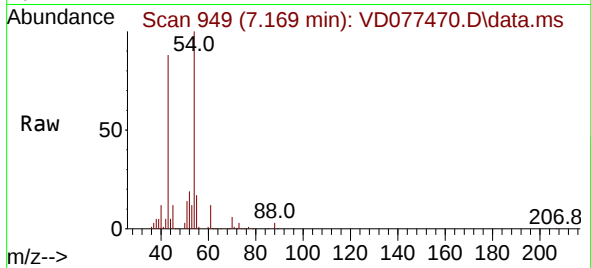
Ion	Ratio	Lower	Upper
75	100		
110	31.2	19.9	59.6
77	31.6	24.7	37.1





#37
Ethyl Acetate
Concen: 51.245 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

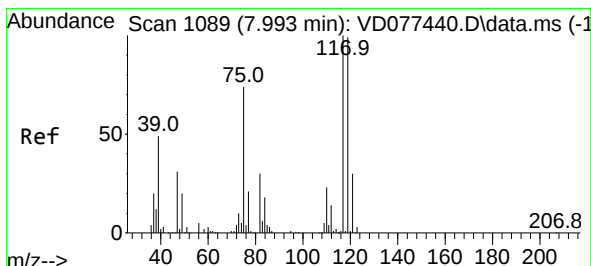
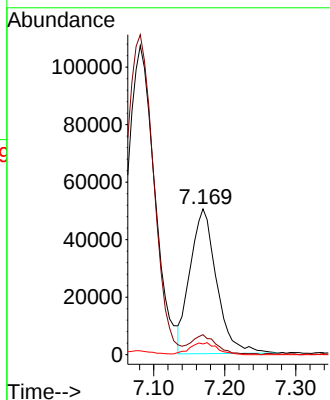
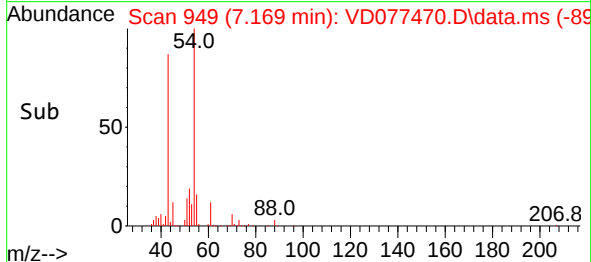
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 130660
Ion Ratio Lower Upper
43 100
61 13.5 14.9 22.3
70 8.5 10.0 15.0

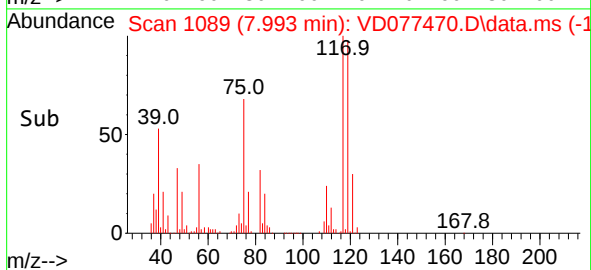
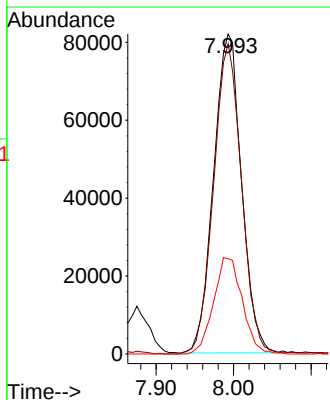
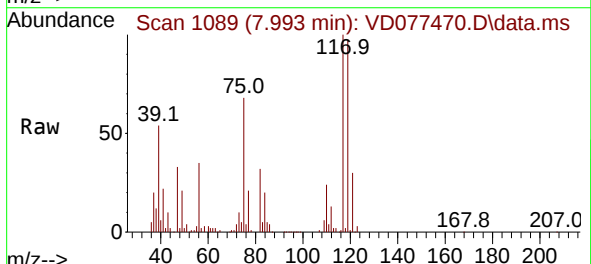
Manual Integrations
APPROVED

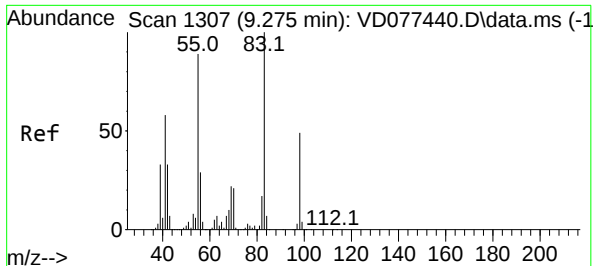
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#38
Carbon Tetrachloride
Concen: 49.037 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion:117 Resp: 205312
Ion Ratio Lower Upper
117 100
119 97.3 78.0 117.0
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 52.186 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

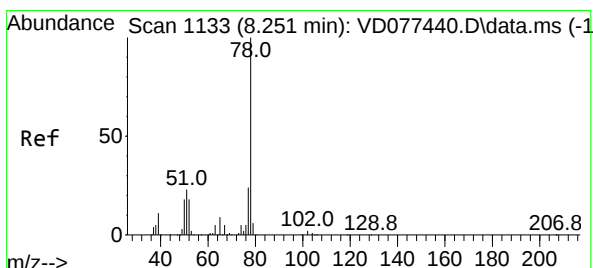
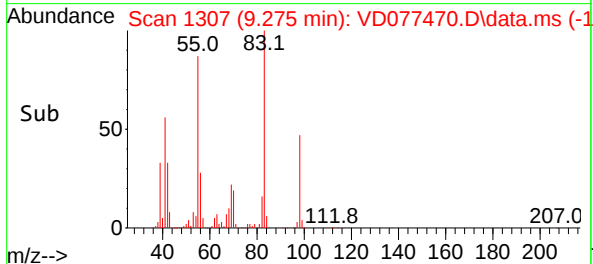
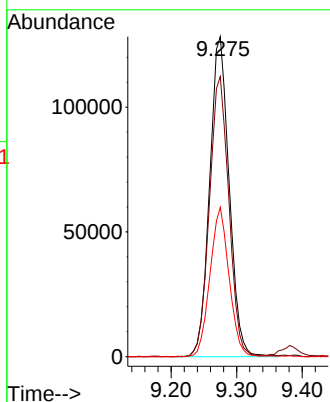
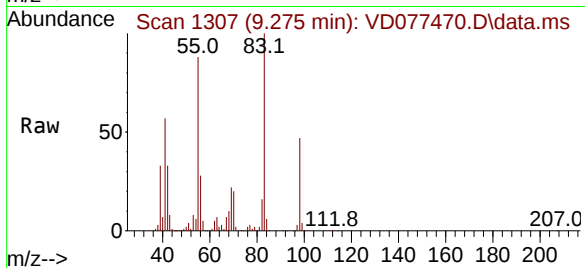
Tgt Ion: 83 Resp: 264559
 Ion Ratio Lower Upper
 83 100
 55 87.4 49.4 74.0
 98 46.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#40

Benzene

Concen: 53.386 ug/l

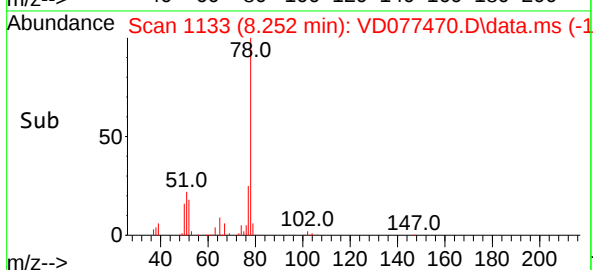
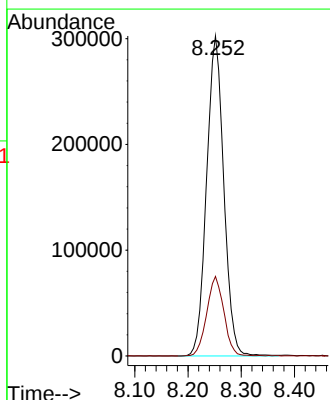
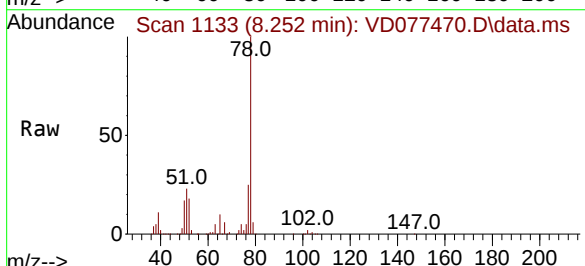
RT: 8.252 min Scan# 1133

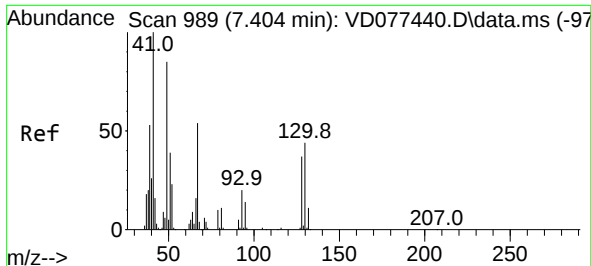
Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

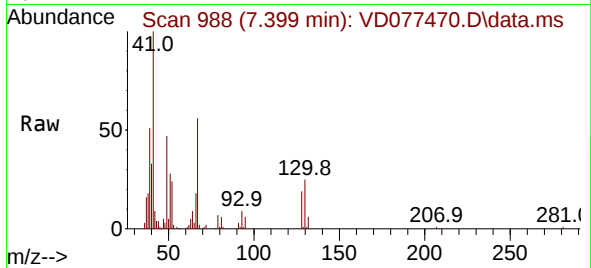
Tgt Ion: 78 Resp: 676378
 Ion Ratio Lower Upper
 78 100
 77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 55.122 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

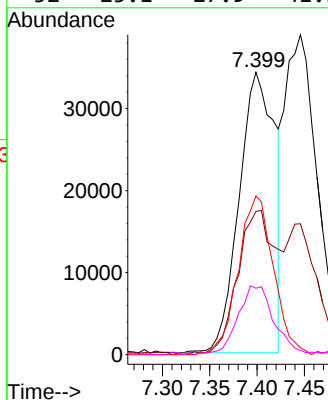
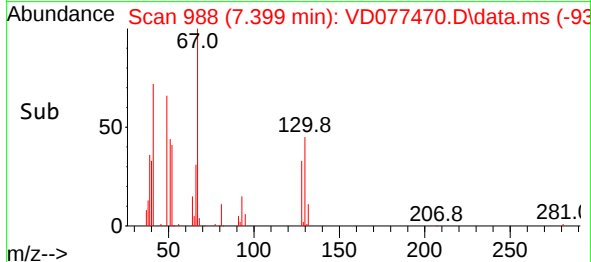
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 89934
Ion Ratio Lower Upper
41 100
39 57.6 34.0 51.0
67 55.6 77.0 115.4
52 25.1 27.9 41.9

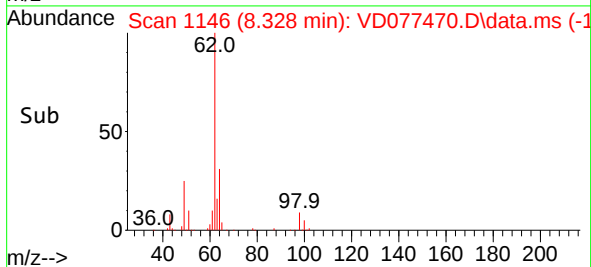
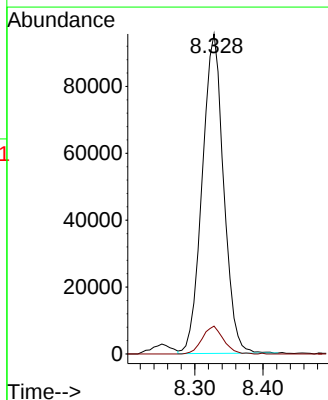
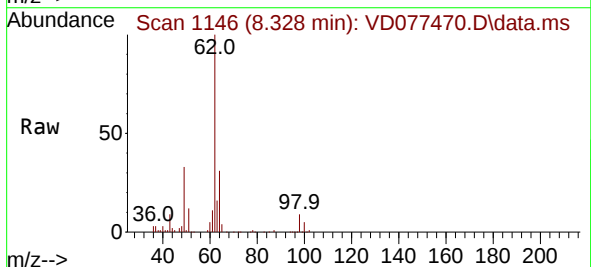
Manual Integrations
APPROVED

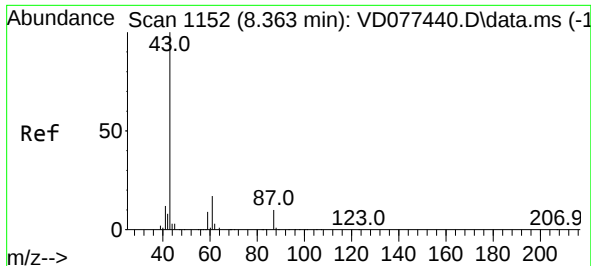
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#42
1,2-Dichloroethane
Concen: 51.935 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

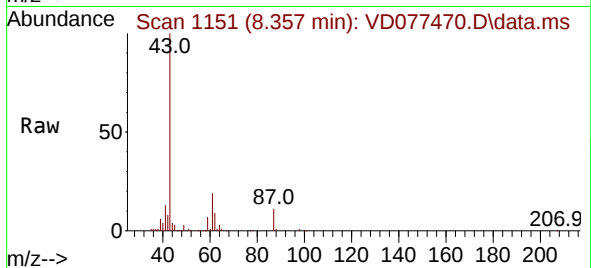
Tgt Ion: 62 Resp: 208405
Ion Ratio Lower Upper
62 100
98 8.6 0.0 25.4





#43
Isopropyl Acetate
Concen: 50.901 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

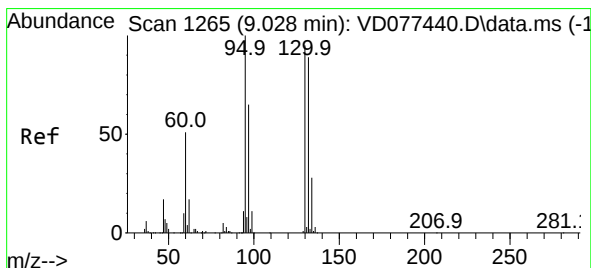
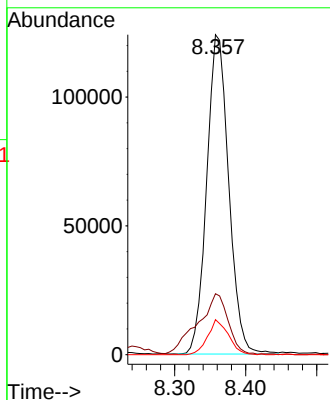
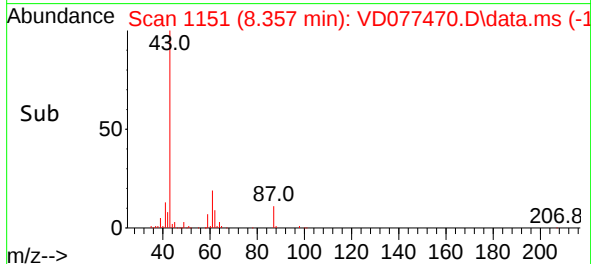
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26783
Ion Ratio Lower Upper
43 100
61 25.8 31.4 47.0
87 10.3 14.9 22.3

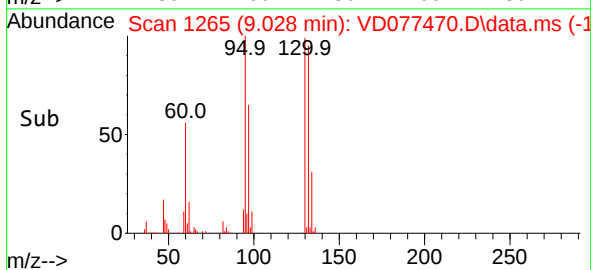
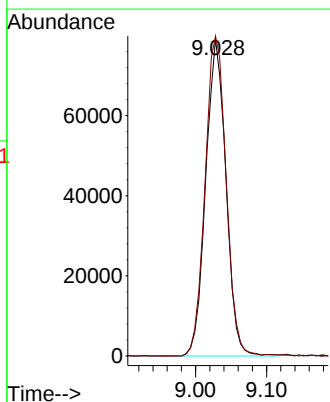
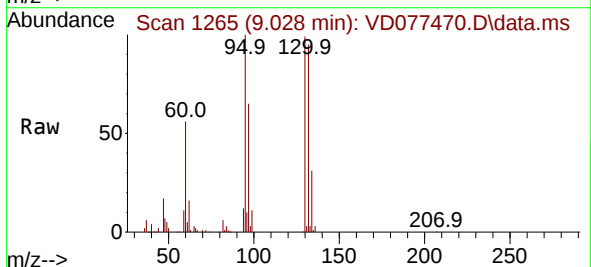
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#44
Trichloroethene
Concen: 50.216 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion:130 Resp: 155843
Ion Ratio Lower Upper
130 100
95 101.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.205 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 198450

Ion Ratio Lower Upper

63 100

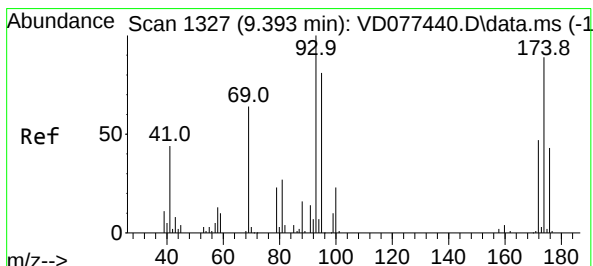
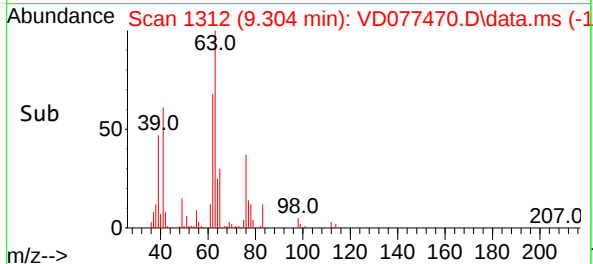
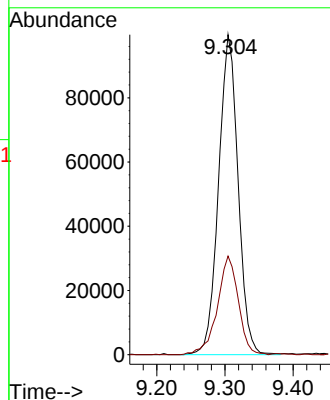
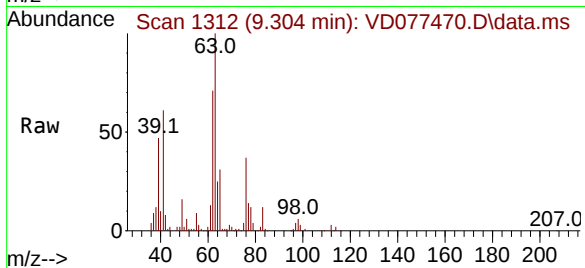
65 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#46

Dibromomethane

Concen: 50.195 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

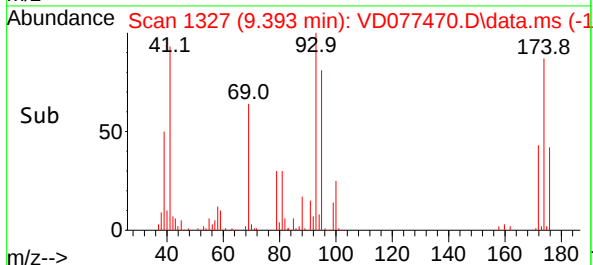
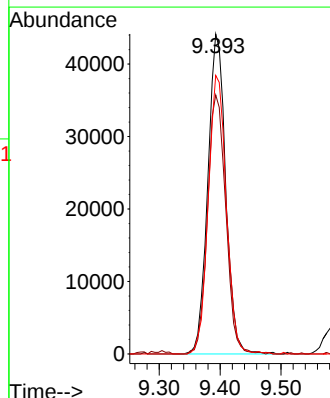
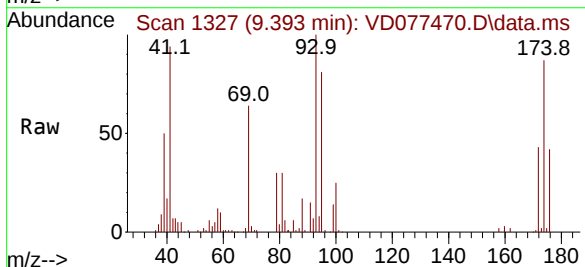
Tgt Ion: 93 Resp: 90101

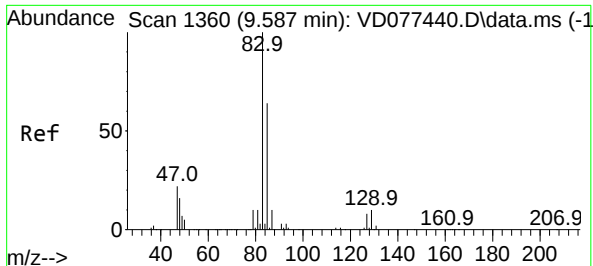
Ion Ratio Lower Upper

93 100

95 82.6 67.7 101.5

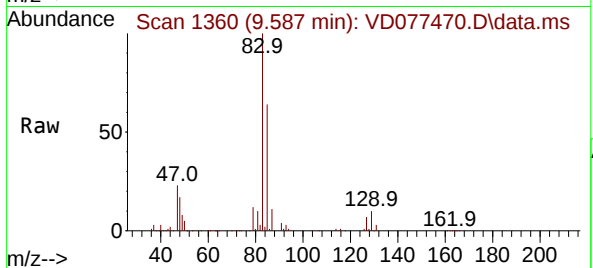
174 87.7 85.4 128.2





#47
Bromodichloromethane
Concen: 50.186 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

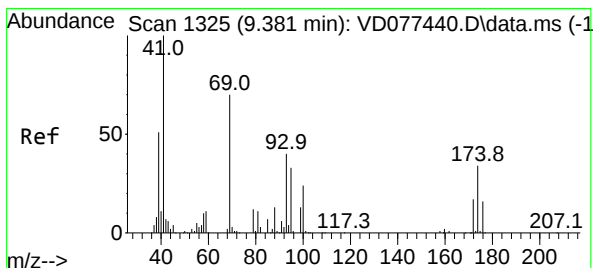
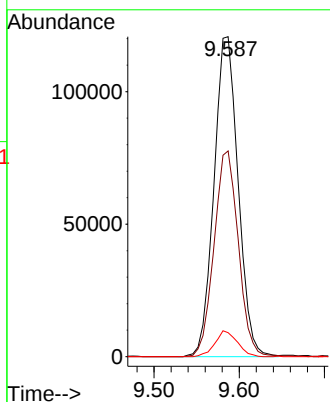
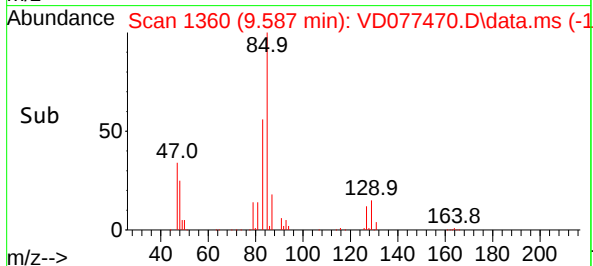
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



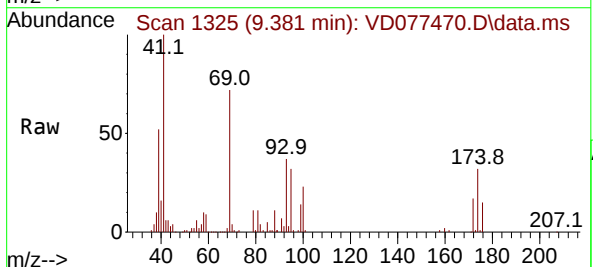
Tgt Ion: 83 Resp: 23811
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 7.5 6.3 9.5

Manual Integrations
APPROVED

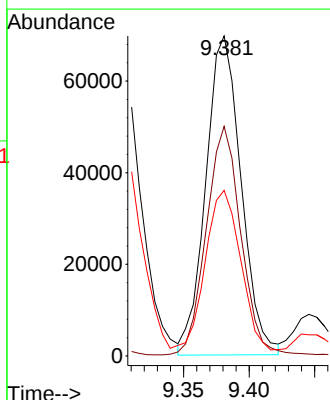
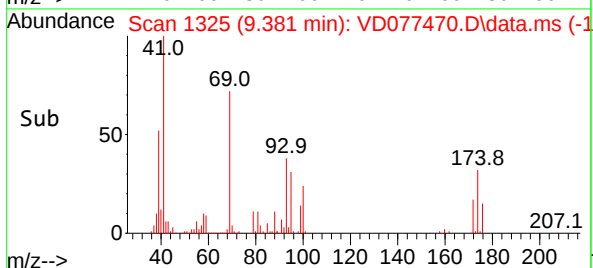
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

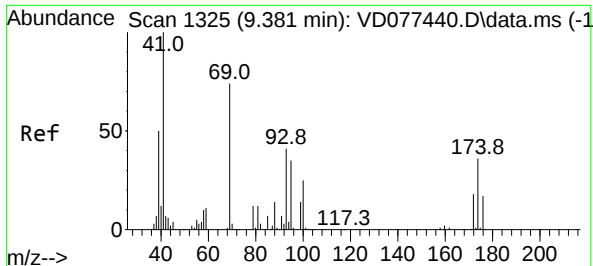


#48
Methyl methacrylate
Concen: 51.961 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



Tgt Ion: 41 Resp: 130511
Ion Ratio Lower Upper
41 100
69 70.7 102.2 153.2#
39 49.7 41.4 62.2





#49

1,4-Dioxane

Concen: 969.608 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

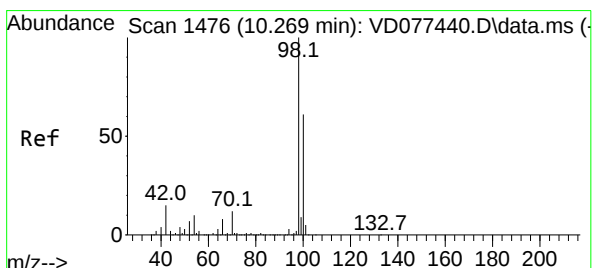
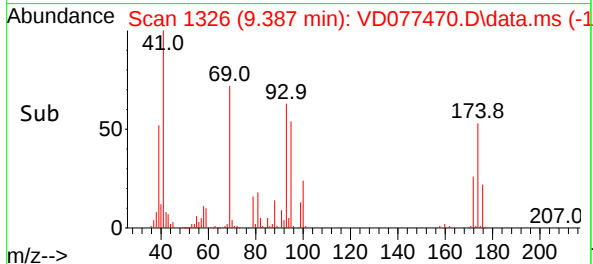
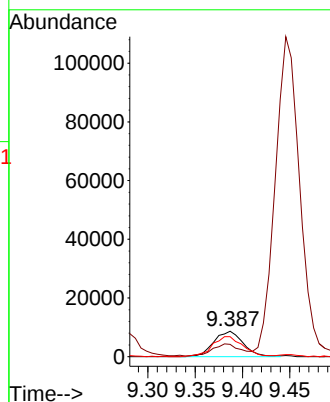
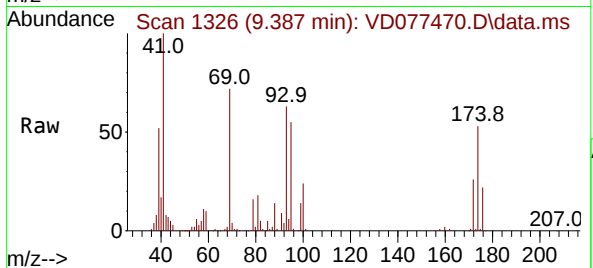
Tgt Ion:	88	Resp:	1870
Ion	Ratio	Lower	Upper
88	100		
43	46.5	19.0	28.6
58	83.0	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#50

Toluene-d8

Concen: 52.263 ug/l

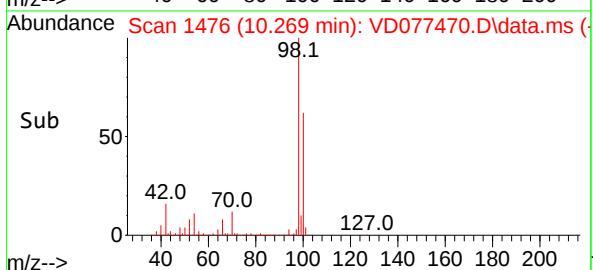
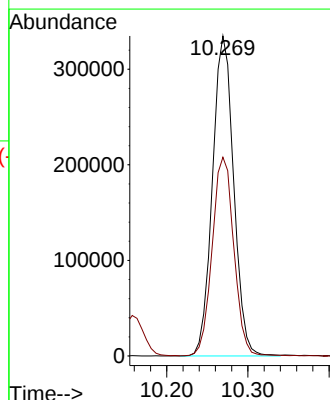
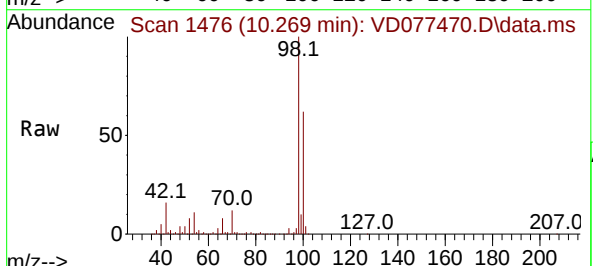
RT: 10.269 min Scan# 1476

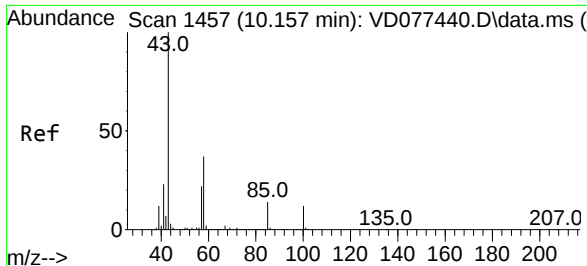
Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

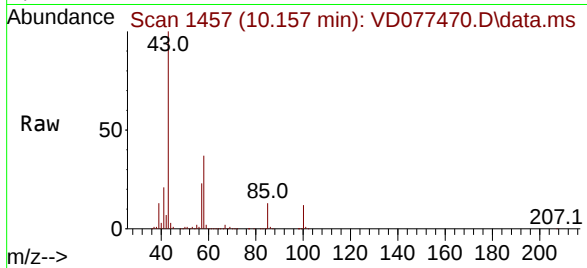
Tgt Ion:	98	Resp:	608335
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 252.019 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

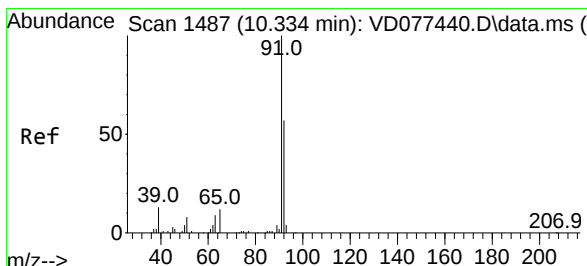
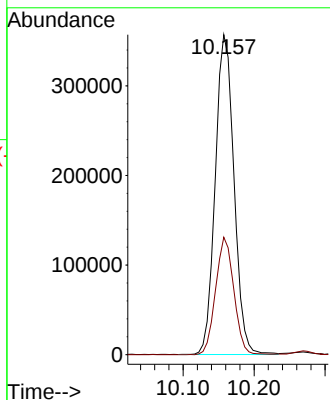
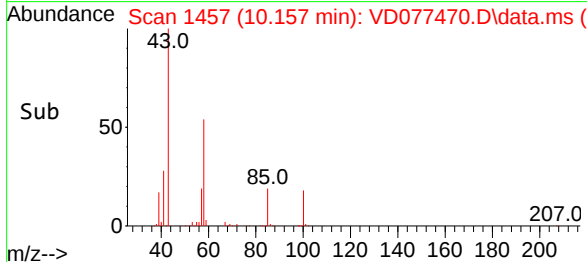
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



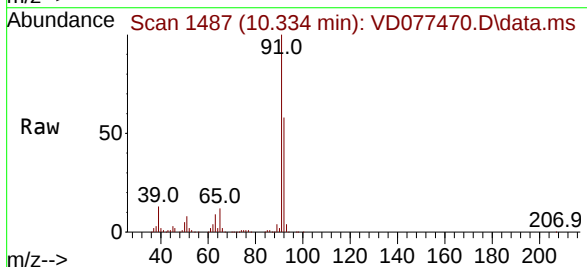
Tgt Ion: 43 Resp: 65272
Ion Ratio Lower Upper
43 100
58 35.7 38.9 58.3

Manual Integrations
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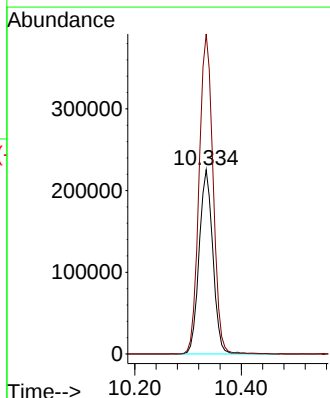
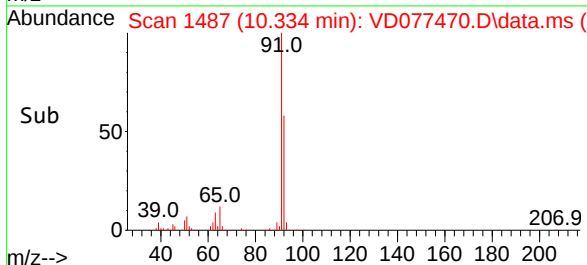
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

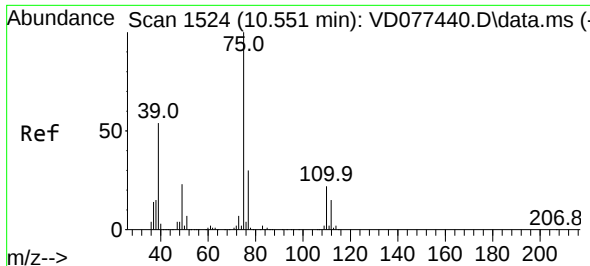


#52
Toluene
Concen: 52.003 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



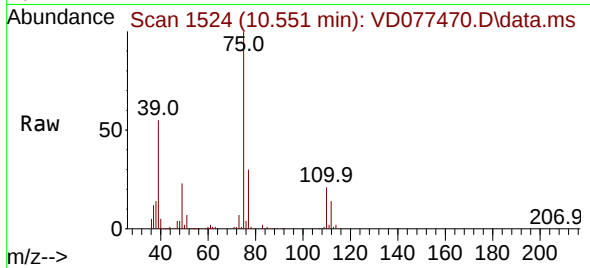
Tgt Ion: 92 Resp: 401653
Ion Ratio Lower Upper
92 100
91 177.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 50.761 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

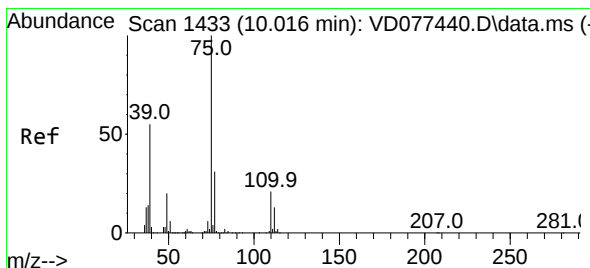
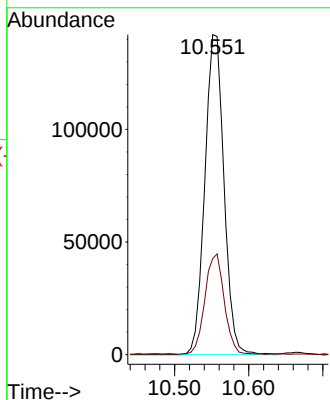
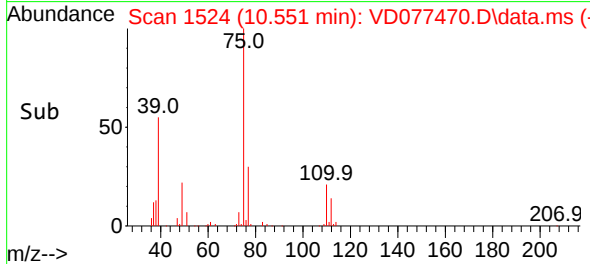
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



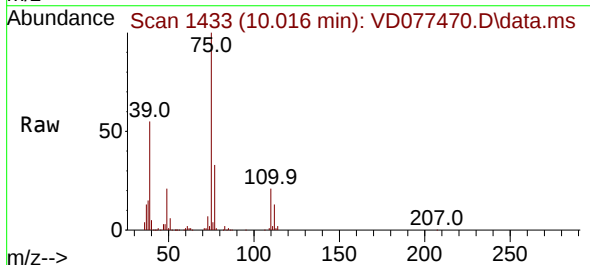
Tgt Ion: 75 Resp: 25502
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9

Manual Integrations
APPROVED

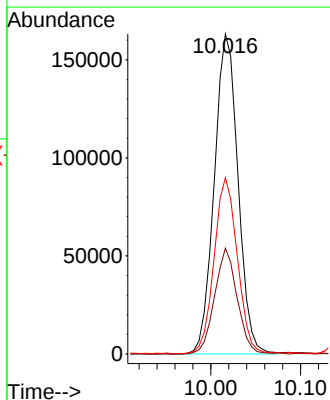
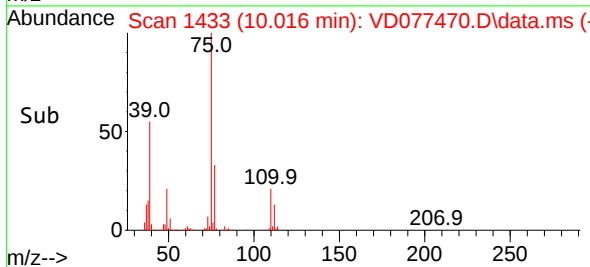
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

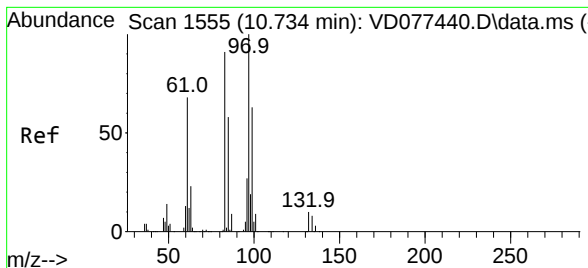


#54
cis-1,3-Dichloropropene
Concen: 51.794 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



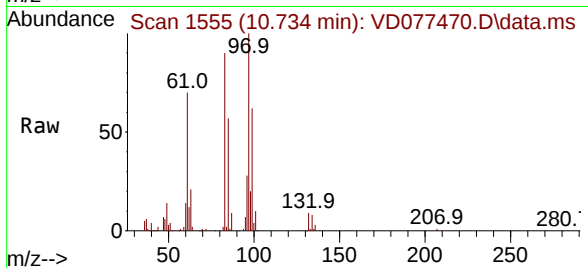
Tgt Ion: 75 Resp: 299438
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3
39 54.9 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 50.668 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

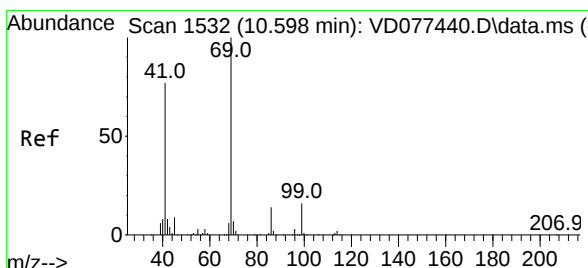
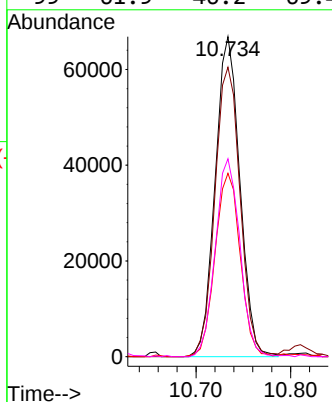
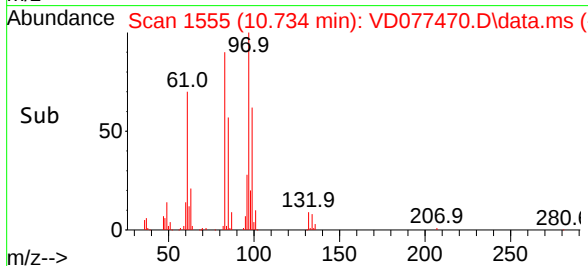
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



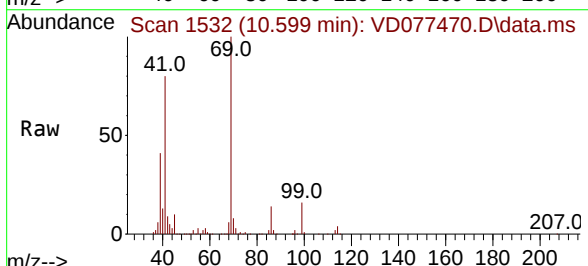
Tgt Ion: 97 Resp: 121344
Ion Ratio Lower Upper
97 100
83 90.4 65.8 98.6
85 57.3 45.7 68.5
99 61.9 46.2 69.4

Manual Integrations
APPROVED

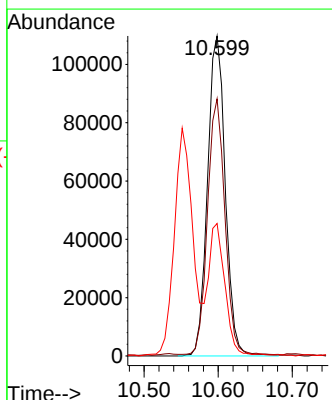
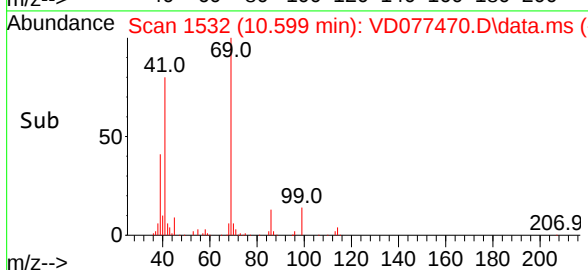
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

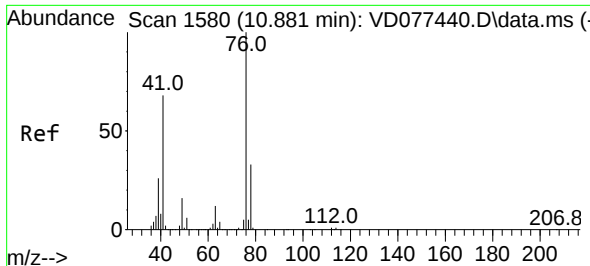


#56
Ethyl methacrylate
Concen: 51.374 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



Tgt Ion: 69 Resp: 182930
Ion Ratio Lower Upper
69 100
41 78.7 39.1 58.7#
39 36.4 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 51.792 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 231840

Ion Ratio Lower Upper

76 100

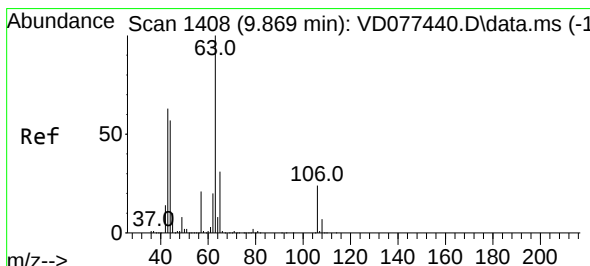
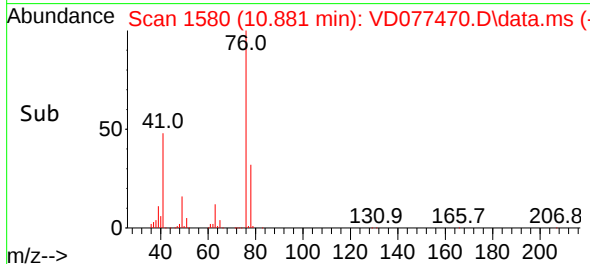
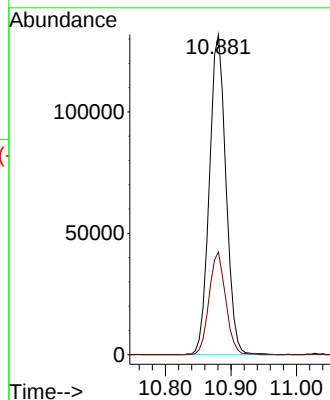
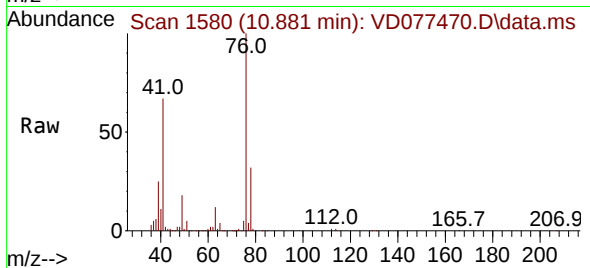
78 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 281.470 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077470.D

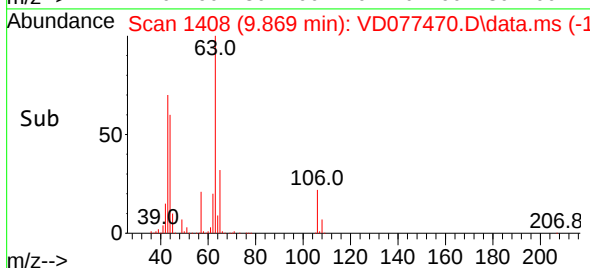
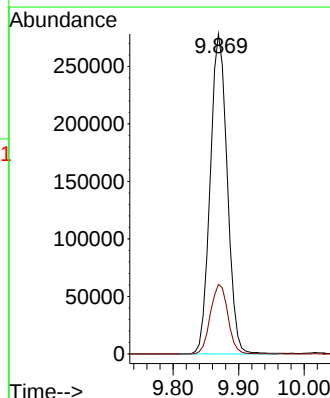
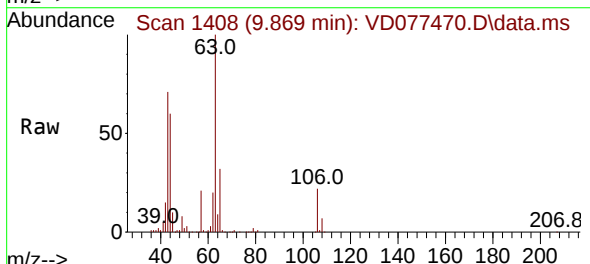
Acq: 31 Oct 2023 19:53

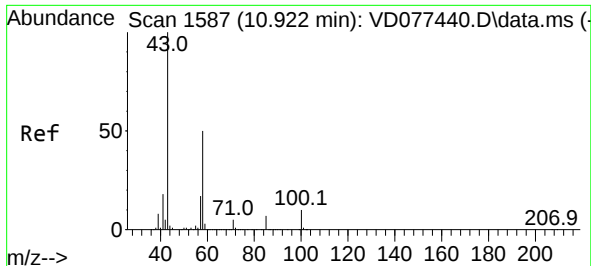
Tgt Ion: 63 Resp: 501756

Ion Ratio Lower Upper

63 100

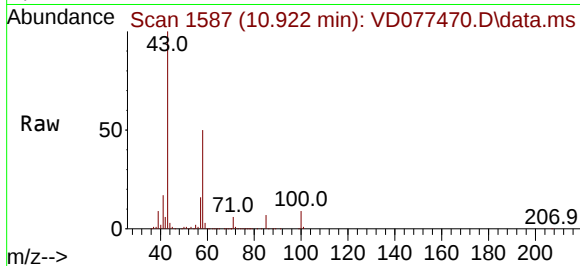
106 22.3 25.3 37.9





#59
2-Hexanone
Concen: 231.275 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

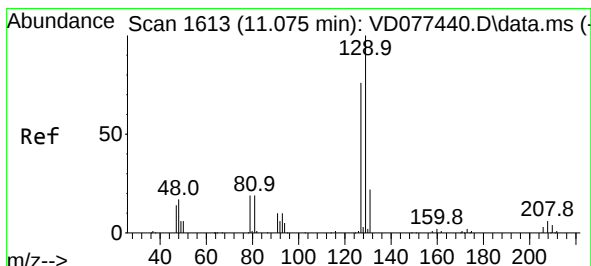
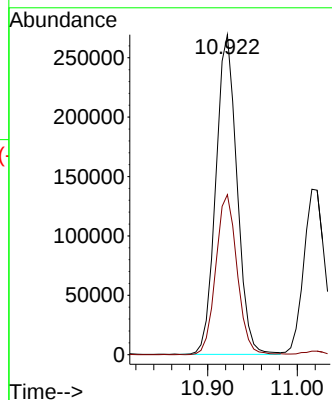
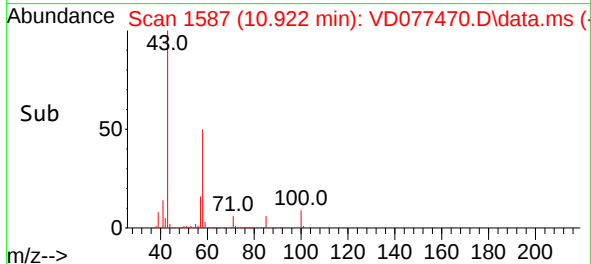
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 441263
Ion Ratio Lower Upper
43 100
58 50.4 34.1 102.2

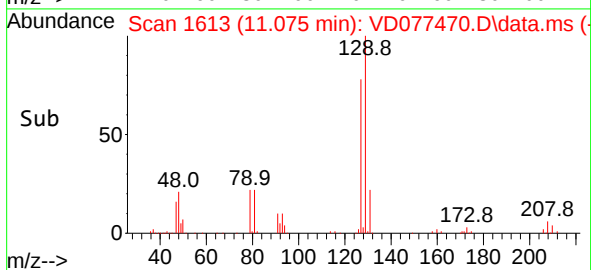
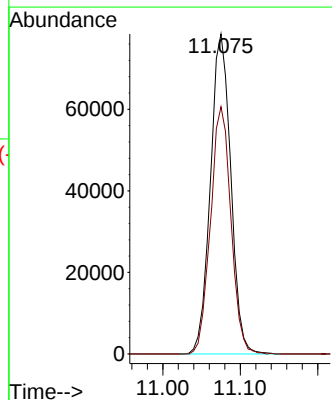
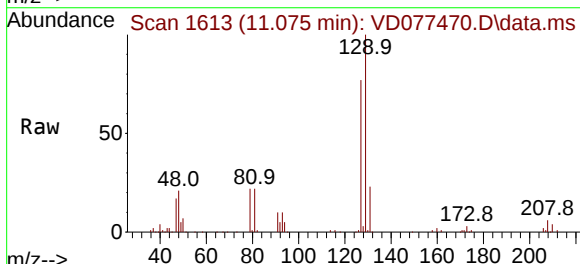
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#60
Dibromochloromethane
Concen: 49.657 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

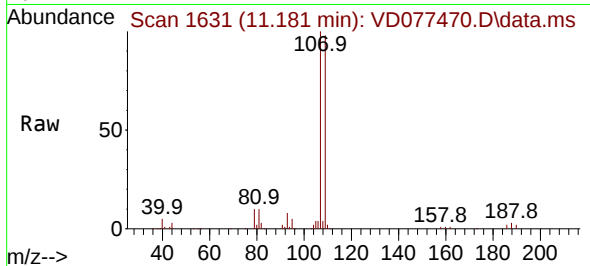
Tgt Ion:129 Resp: 142998
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 50.684 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

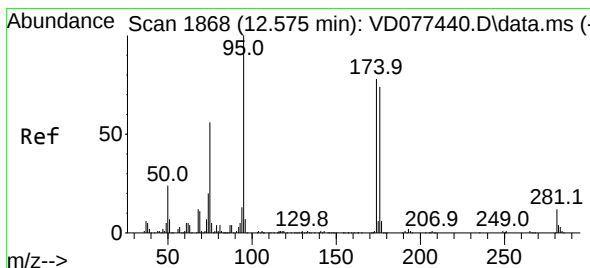
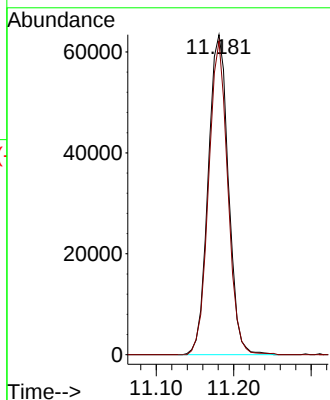
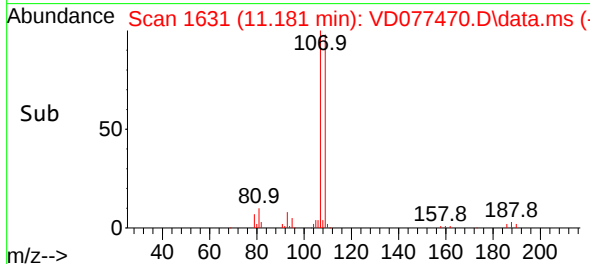
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



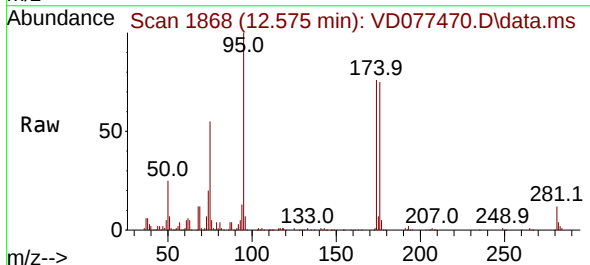
Tgt Ion:107 Resp: 114949
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

Manual Integrations
APPROVED

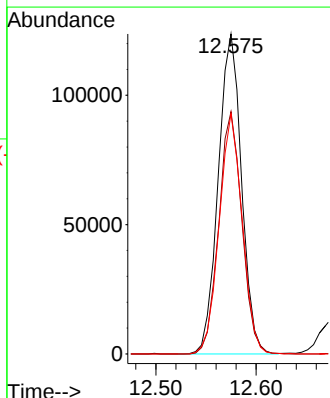
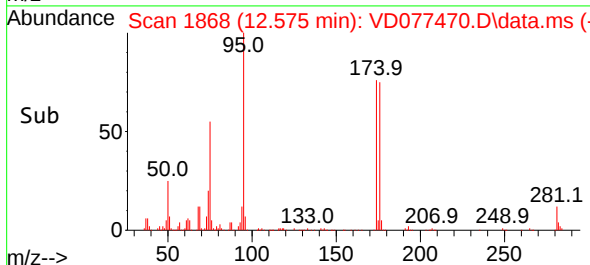
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

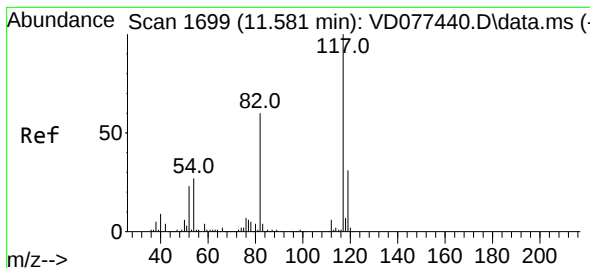


#62
4-Bromofluorobenzene
Concen: 50.788 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



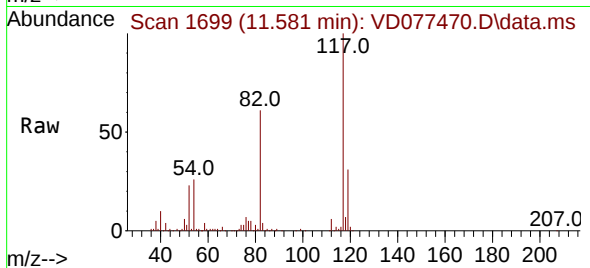
Tgt Ion: 95 Resp: 199110
Ion Ratio Lower Upper
95 100
174 75.1 0.0 201.8
176 74.3 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

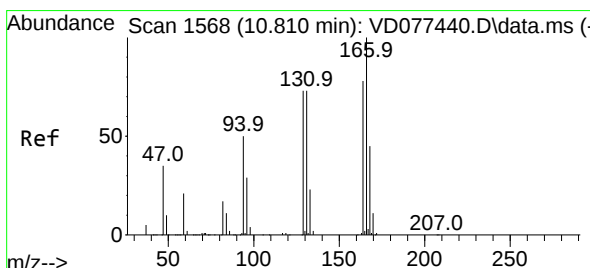
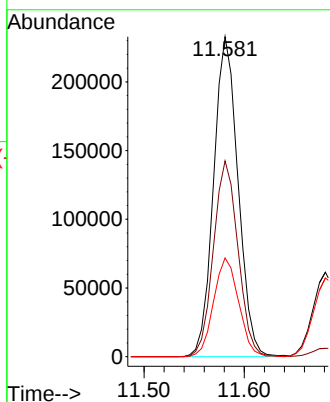
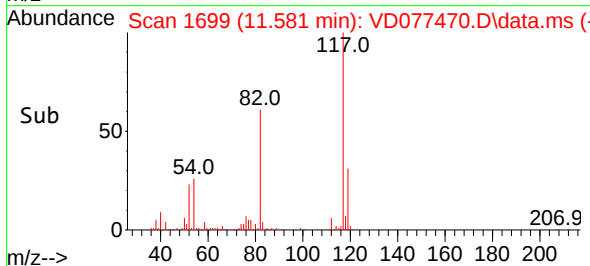
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



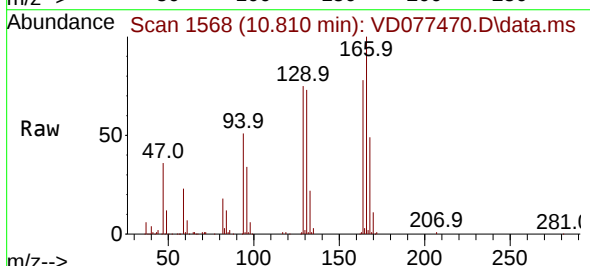
Tgt Ion:117 Resp: 394142
Ion Ratio Lower Upper
117 100
82 61.2 38.3 57.5
119 30.8 25.0 37.4

Manual Integrations
APPROVED

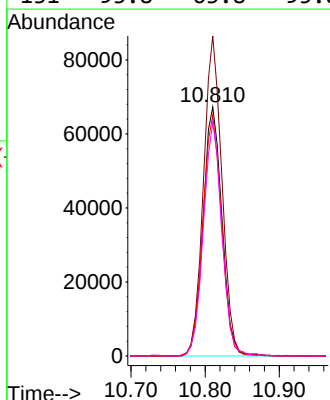
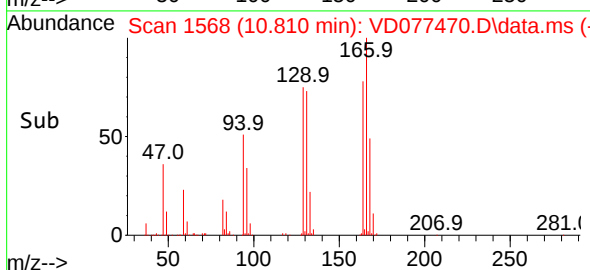
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

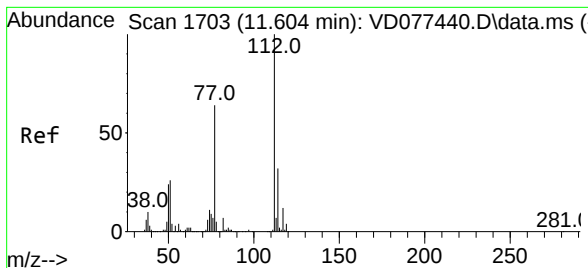


#64
Tetrachloroethene
Concen: 47.382 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



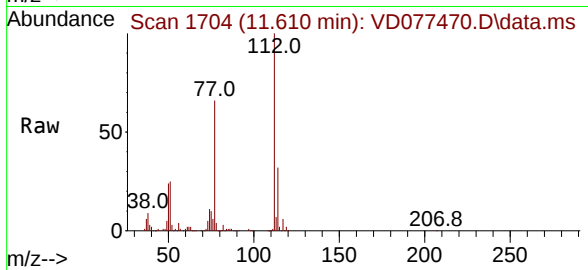
Tgt Ion:164 Resp: 118898
Ion Ratio Lower Upper
164 100
166 128.6 99.2 148.8
129 96.8 68.4 102.6
131 93.8 63.8 95.8





#65
Chlorobenzene
Concen: 49.443 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

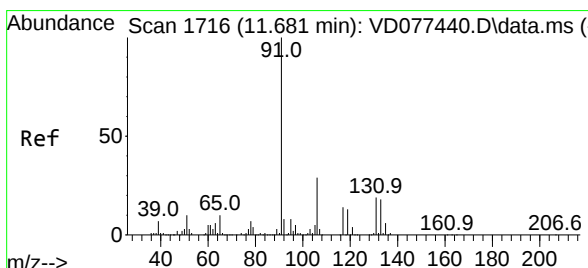
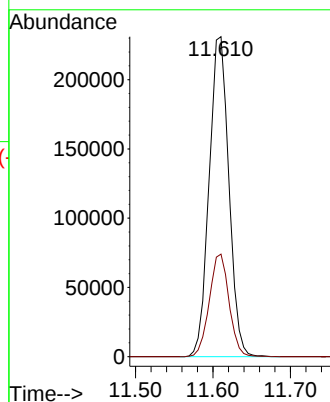
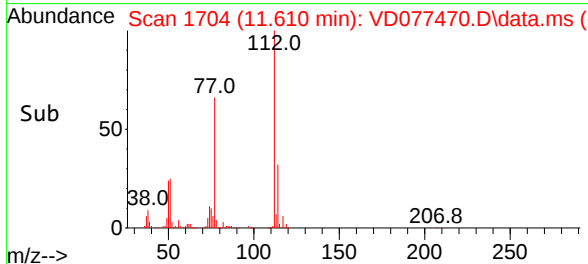
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



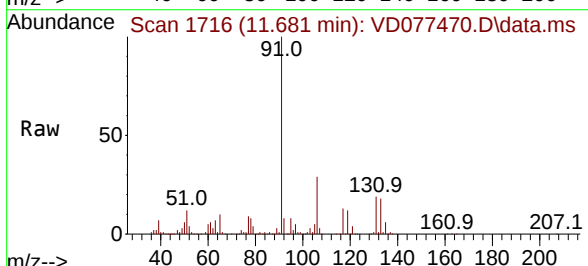
Tgt Ion:112 Resp: 40826
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

Manual Integrations
APPROVED

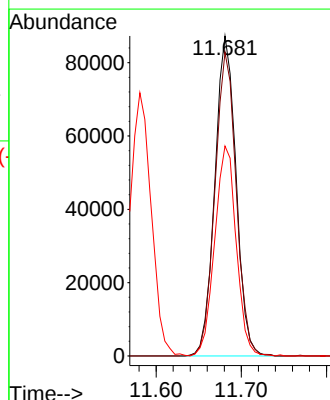
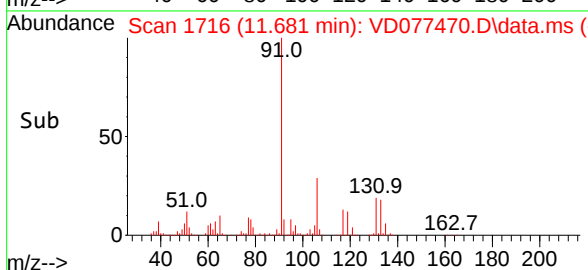
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

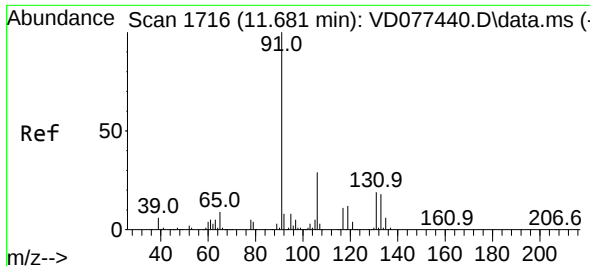


#66
1,1,1,2-Tetrachloroethane
Concen: 48.277 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



Tgt Ion:131 Resp: 150640
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 66.6 35.6 106.9





#67

Ethyl Benzene

Concen: 50.084 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 795718

Ion Ratio Lower Upper

91 100

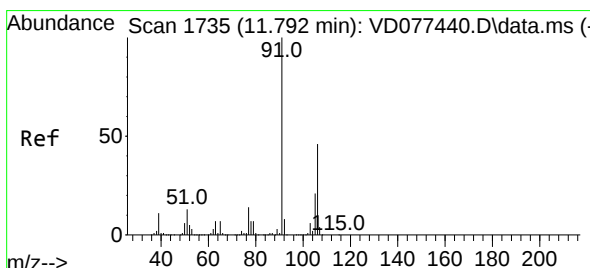
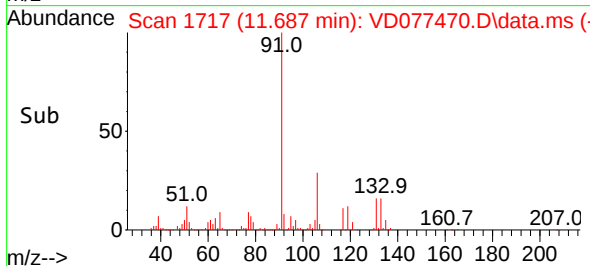
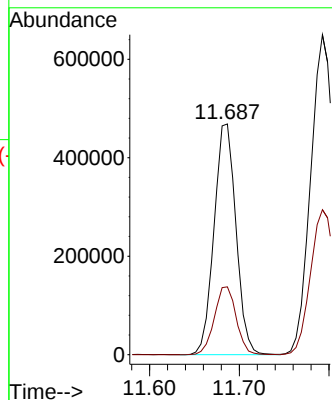
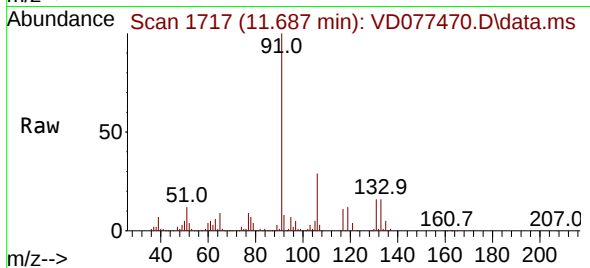
106 29.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#68

m/p-Xylenes

Concen: 99.294 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077470.D

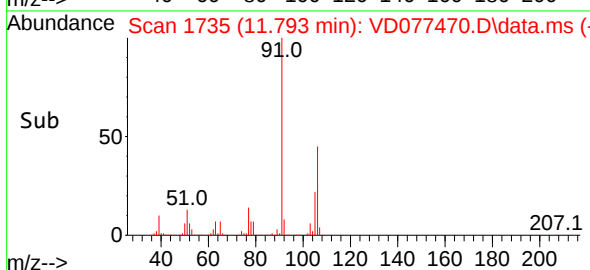
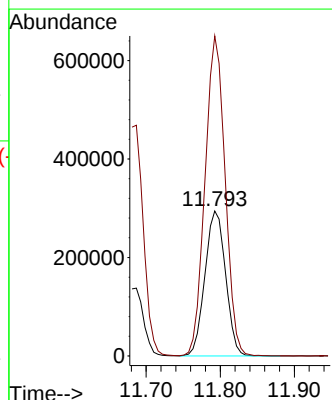
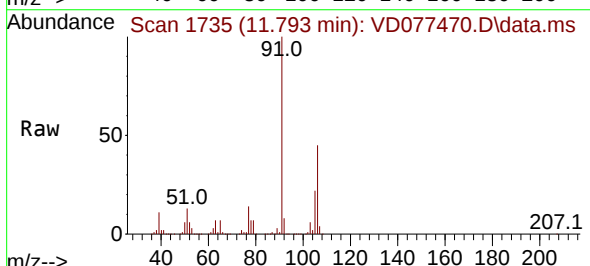
Acq: 31 Oct 2023 19:53

Tgt Ion:106 Resp: 569673

Ion Ratio Lower Upper

106 100

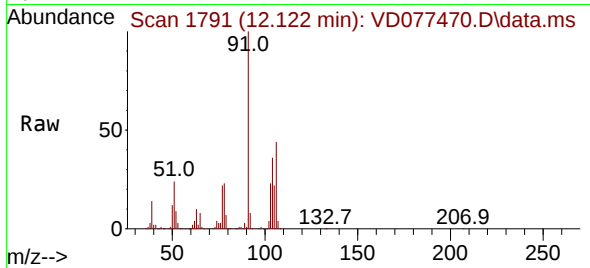
91 215.1 147.0 220.6





#69
o-Xylene
Concen: 50.196 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

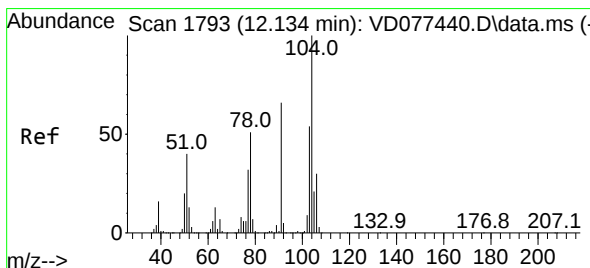
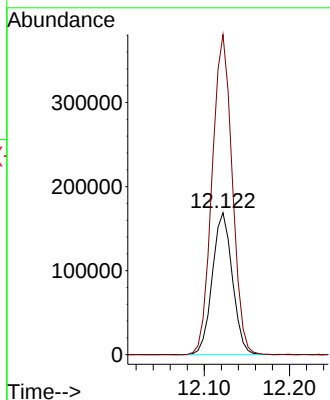
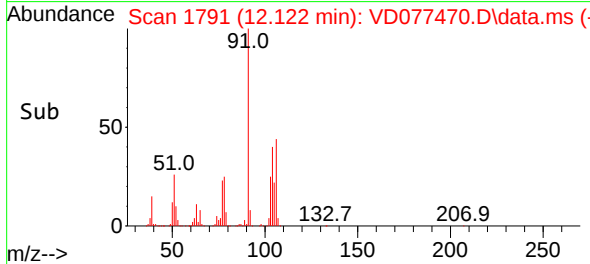
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 275849
Ion Ratio Lower Upper
106 100
91 226.7 97.9 293.6

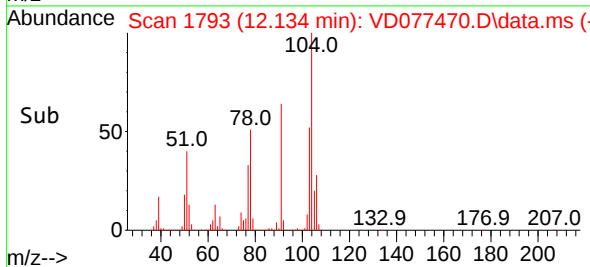
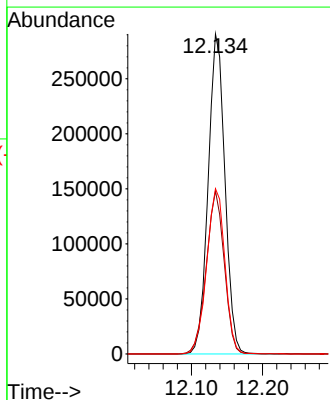
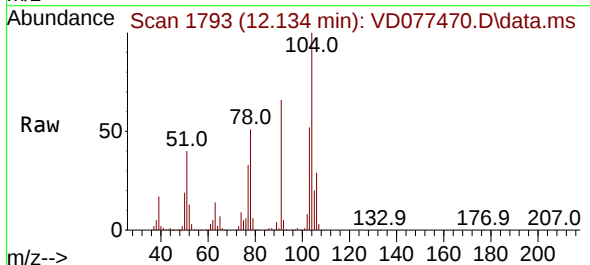
Manual Integrations
APPROVED

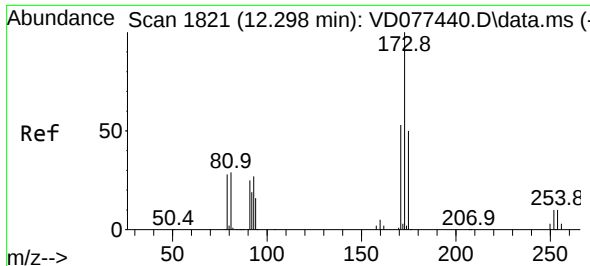
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#70
Styrene
Concen: 50.322 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

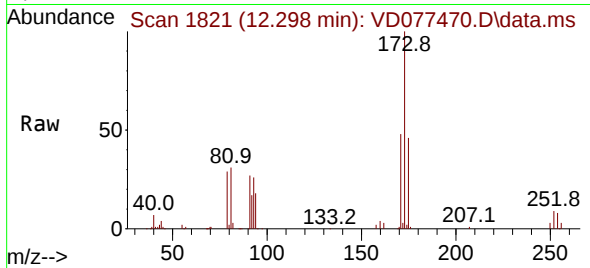
Tgt Ion:104 Resp: 477074
Ion Ratio Lower Upper
104 100
78 54.6 33.2 49.8#
103 56.2 43.6 65.4





#71
Bromoform
Concen: 46.653 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

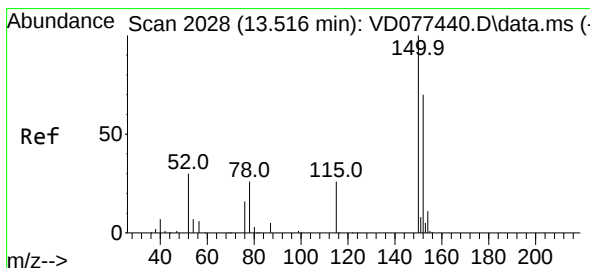
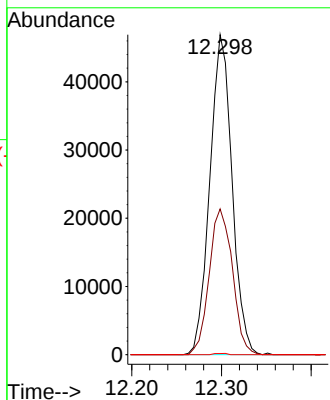
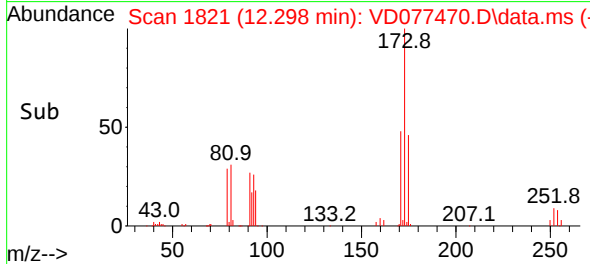
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 8070
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.2 0.0 0.0

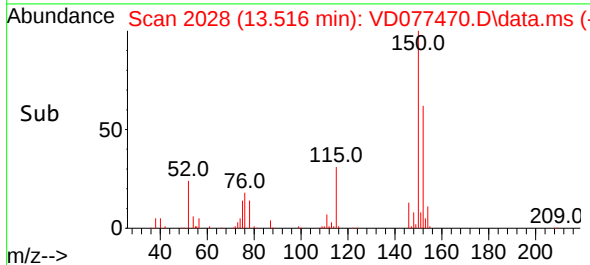
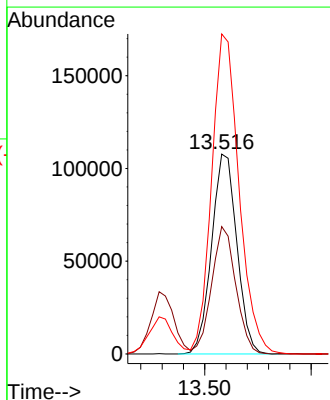
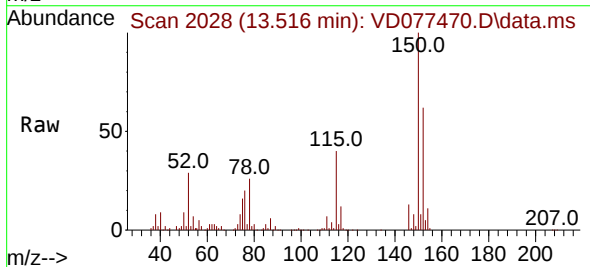
Manual Integrations
APPROVED

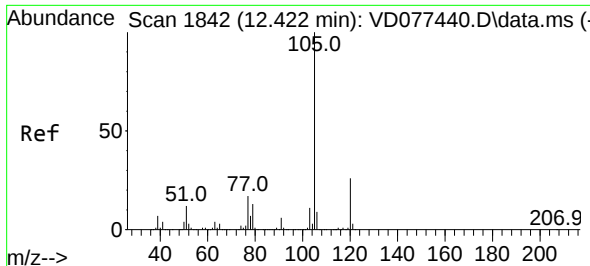
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

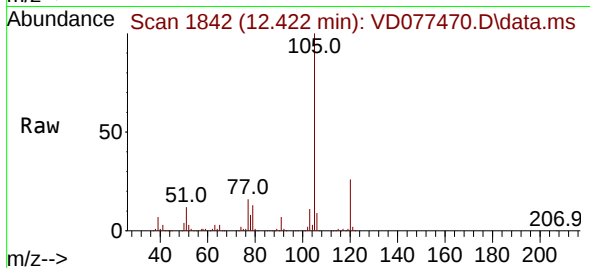
Tgt Ion:152 Resp: 177041
Ion Ratio Lower Upper
152 100
115 61.1 27.1 81.3
150 173.6 0.0 353.6





#73
Isopropylbenzene
Concen: 49.938 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

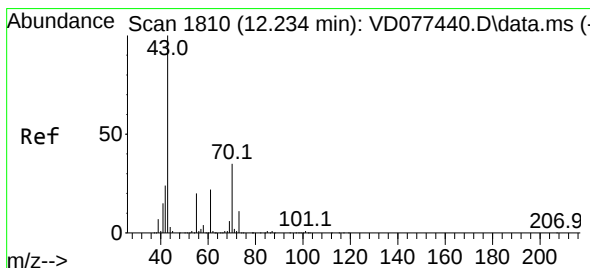
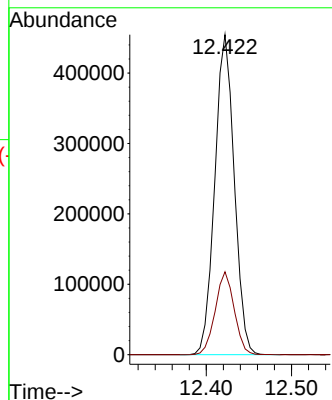
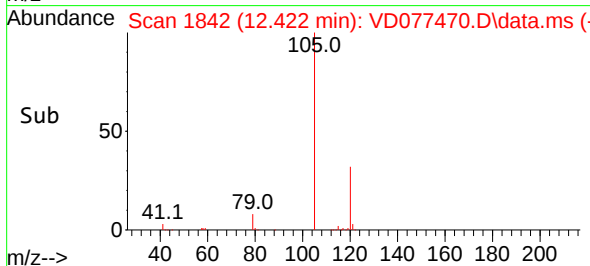
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 72081
Ion Ratio Lower Upper
105 100
120 25.2 14.3 42.9

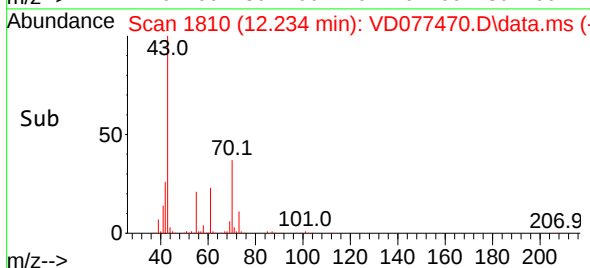
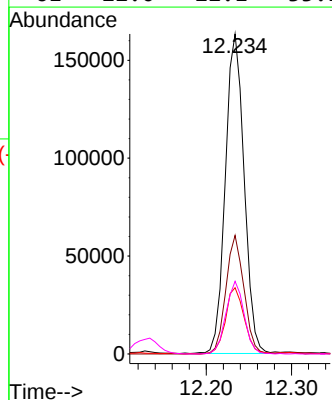
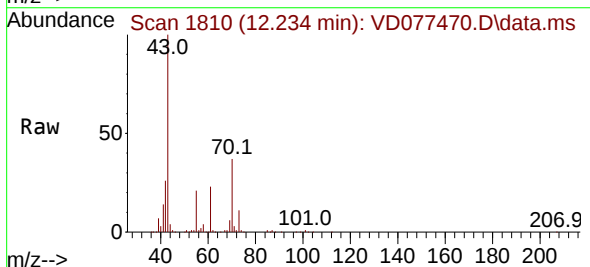
Manual Integrations
APPROVED

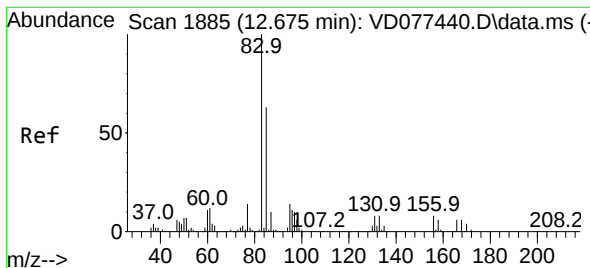
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#74
N-ethyl acetate
Concen: 48.913 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

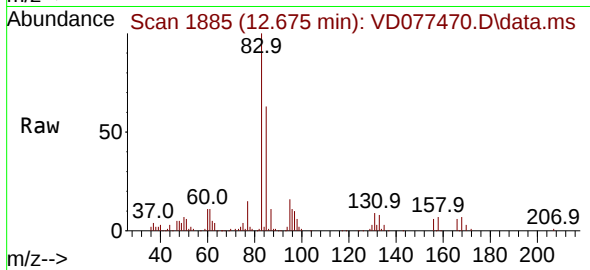
Tgt Ion: 43 Resp: 250076
Ion Ratio Lower Upper
43 100
70 35.7 45.0 67.4#
55 20.8 23.8 35.6#
61 22.0 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 49.269 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

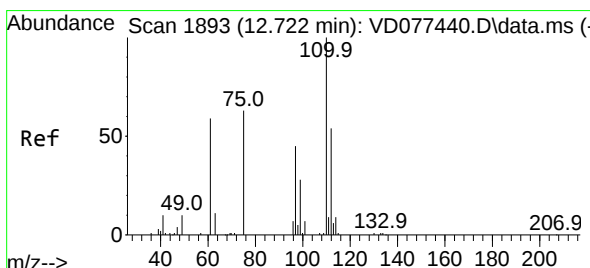
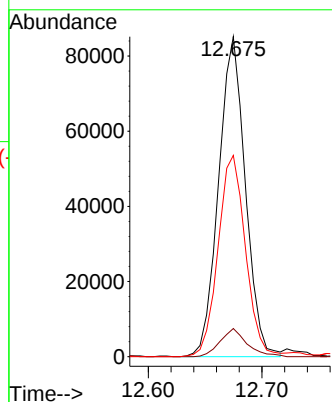
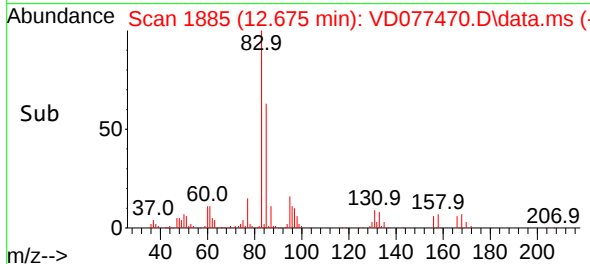
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



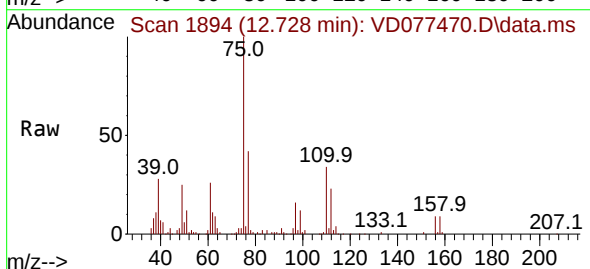
Tgt Ion: 83 Resp: 13940
Ion Ratio Lower Upper
83 100
131 8.8 5.1 15.3
85 64.3 32.6 97.8

Manual Integrations
APPROVED

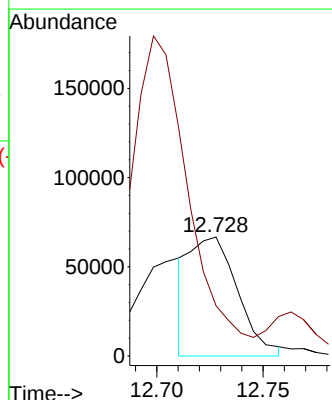
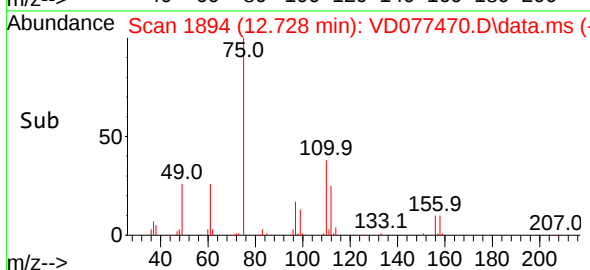
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

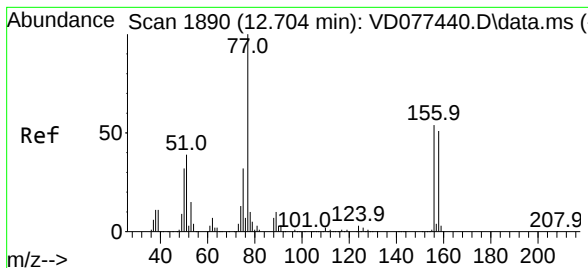


#76
1,2,3-Trichloropropane
Concen: 48.815 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



Tgt Ion: 75 Resp: 105185
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





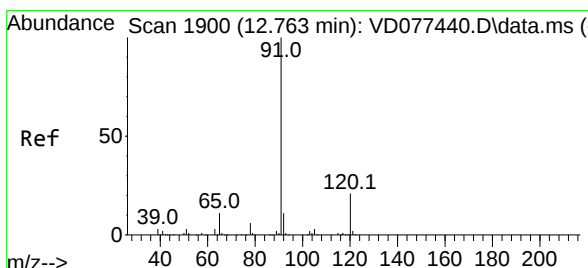
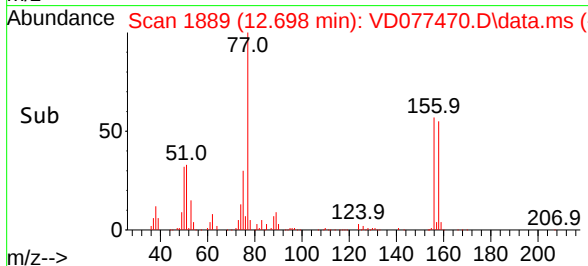
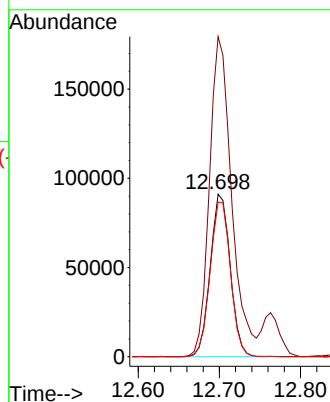
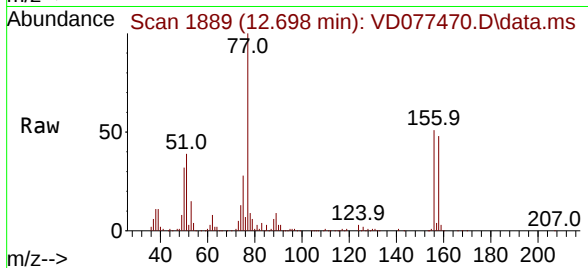
#77
Bromobenzene
Concen: 48.977 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 155607
Ion Ratio Lower Upper
156 100
77 218.6 76.8 230.4
158 96.9 48.6 145.9

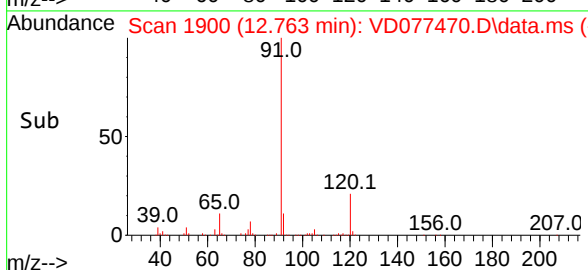
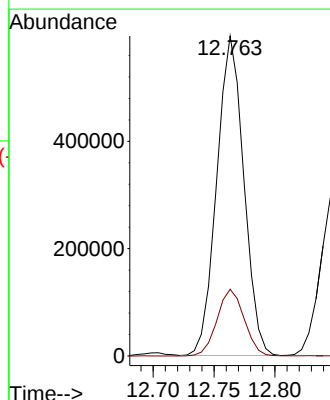
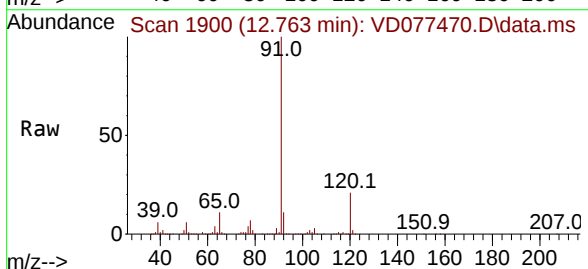
Manual Integrations
APPROVED

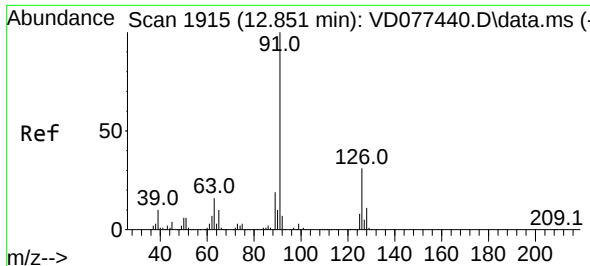
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#78
n-propylbenzene
Concen: 50.194 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 91 Resp: 919939
Ion Ratio Lower Upper
91 100
120 20.9 12.4 37.2





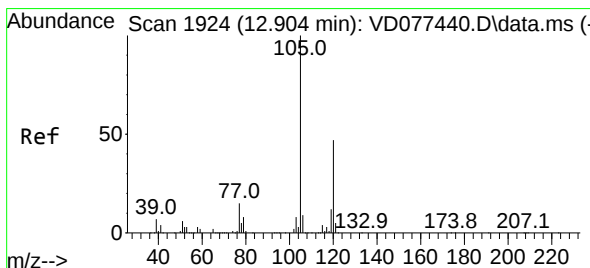
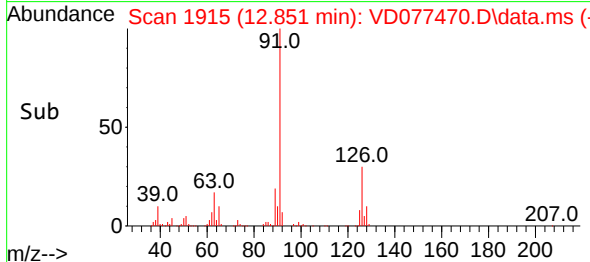
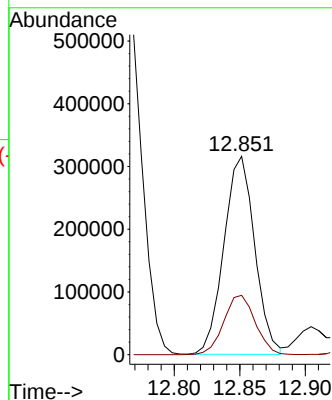
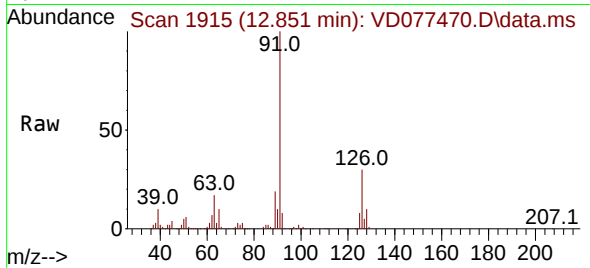
#79
2-Chlorotoluene
Concen: 49.799 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 51677
Ion Ratio Lower Upper
91 100
126 30.7 19.4 58.1

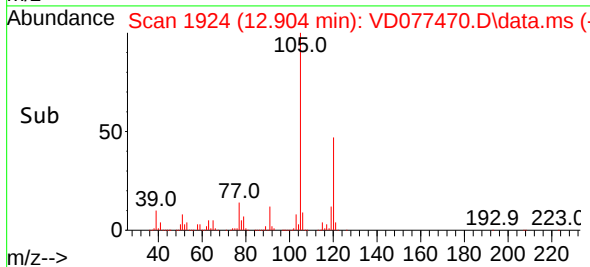
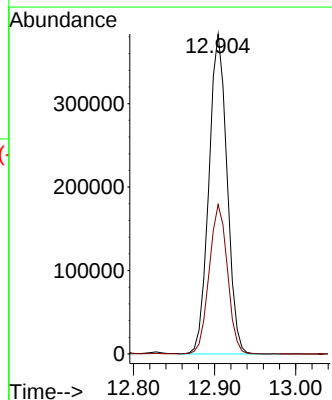
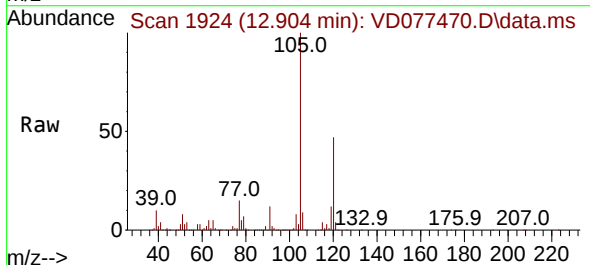
Manual Integrations
APPROVED

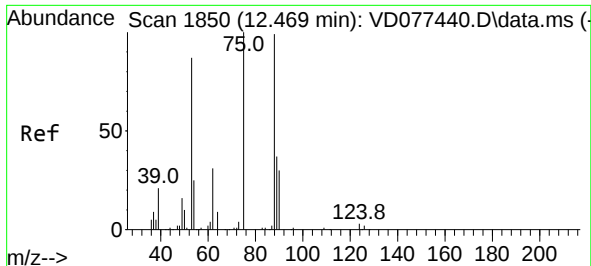
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.198 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion:105 Resp: 595863
Ion Ratio Lower Upper
105 100
120 46.9 26.4 79.2





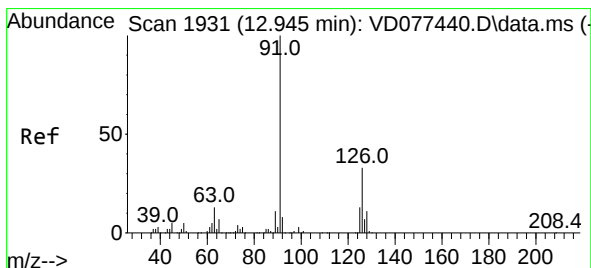
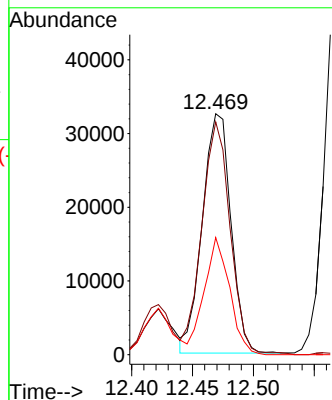
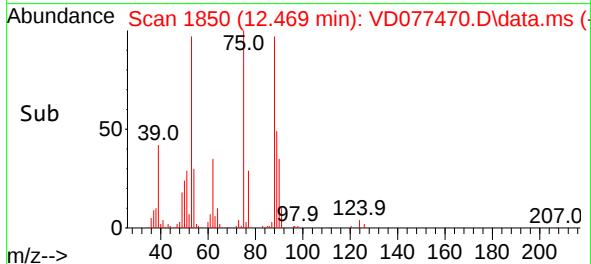
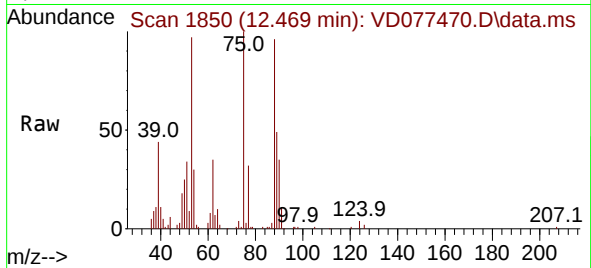
#81
trans-1,4-Dichloro-2-butene
Concen: 47.566 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 53060
Ion Ratio Lower Upper
75 100
53 96.9 63.0 94.4
89 43.6 37.9 56.9

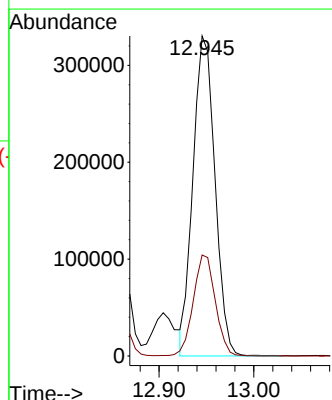
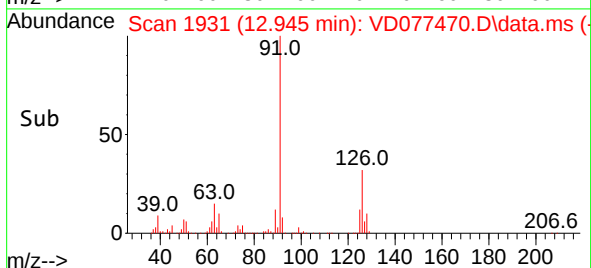
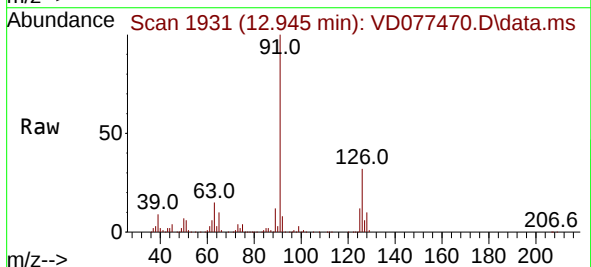
Manual Integrations
APPROVED

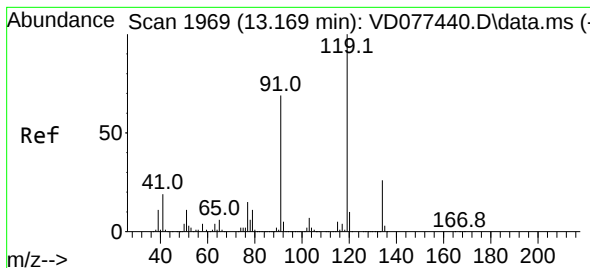
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#82
4-Chlorotoluene
Concen: 49.343 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 91 Resp: 533368
Ion Ratio Lower Upper
91 100
126 31.7 19.4 58.4





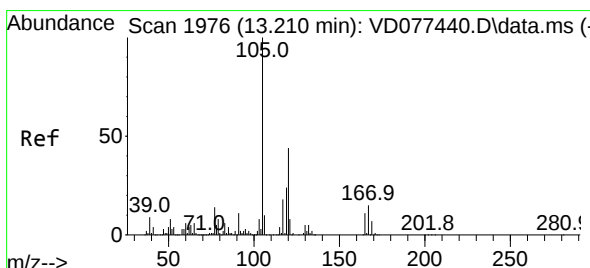
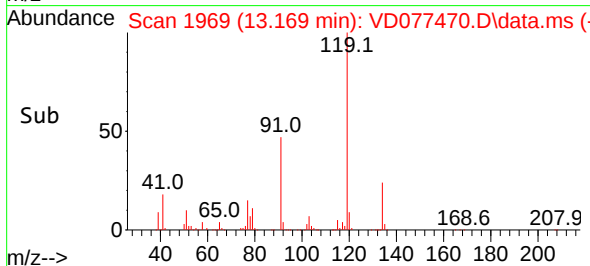
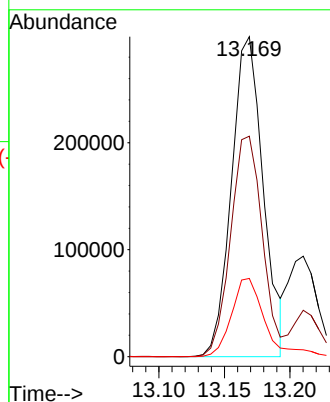
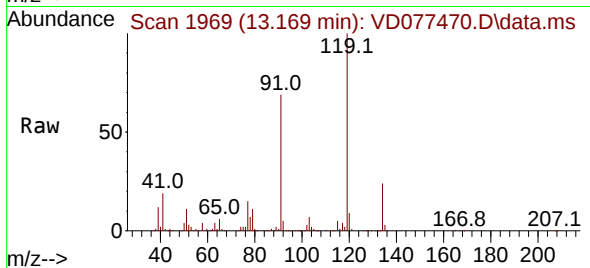
#83
tert-Butylbenzene
Concen: 49.516 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 504210
Ion Ratio Lower Upper
119 100
91 68.9 29.3 87.8
134 25.8 14.1 42.3

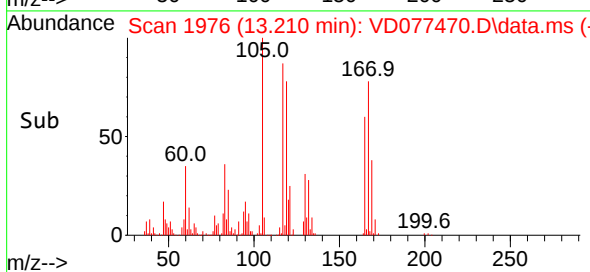
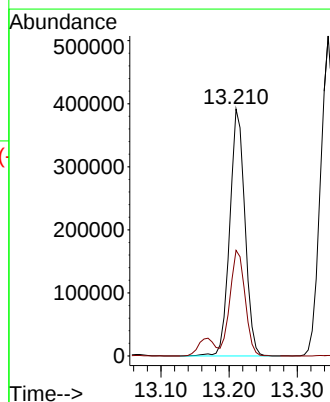
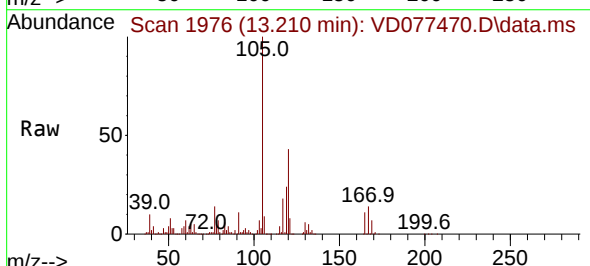
Manual Integrations
APPROVED

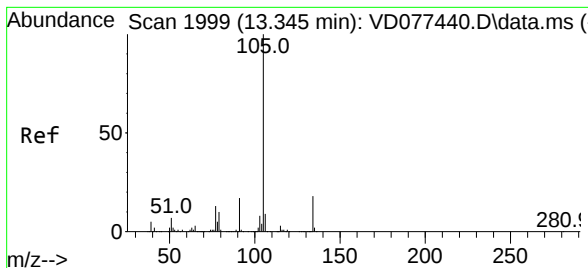
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.280 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

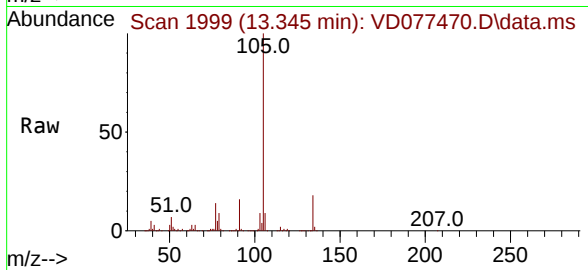
Tgt Ion:105 Resp: 604936
Ion Ratio Lower Upper
105 100
120 42.5 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 49.742 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

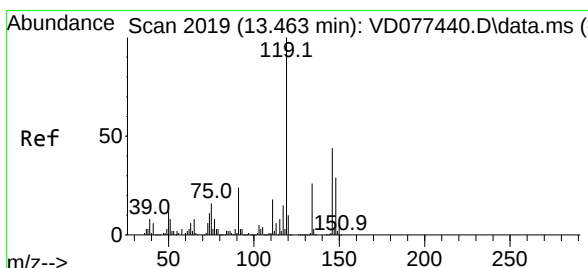
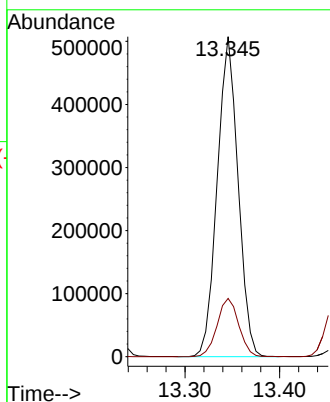
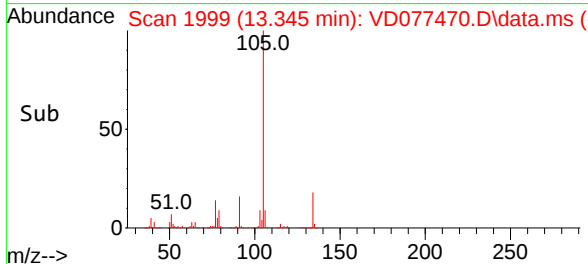
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



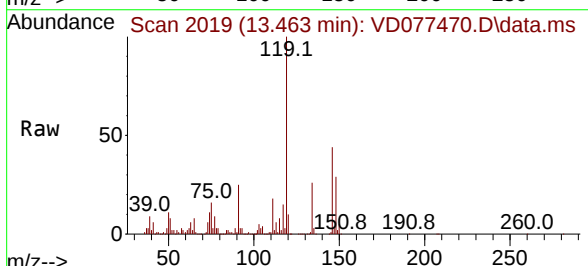
Tgt Ion:105 Resp: 77500
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.9 32.9

Manual Integrations
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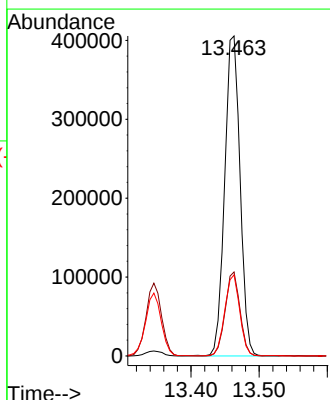
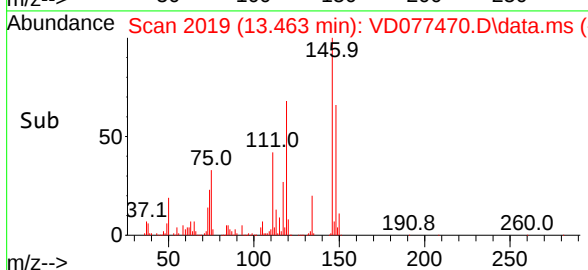
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

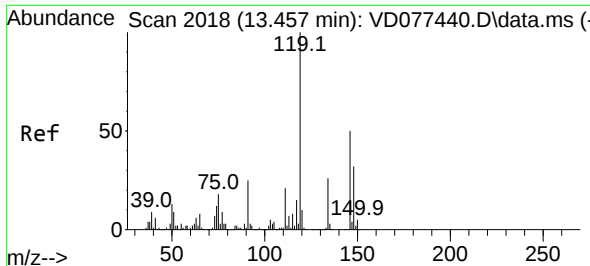


#86
 p-Isopropyltoluene
 Concen: 50.267 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53



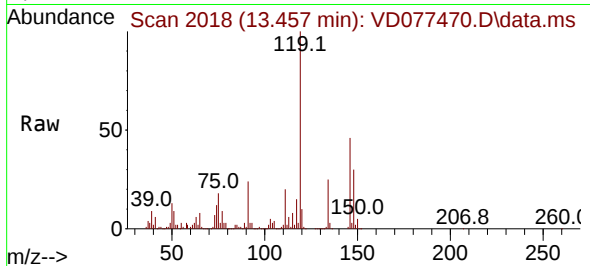
Tgt Ion:119 Resp: 636596
 Ion Ratio Lower Upper
 119 100
 134 25.3 14.2 42.6
 91 24.7 10.5 31.5





#87
 1,3-Dichlorobenzene
 Concen: 49.213 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

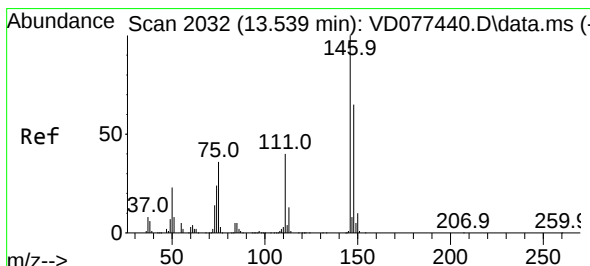
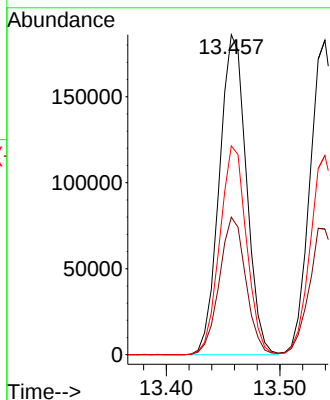
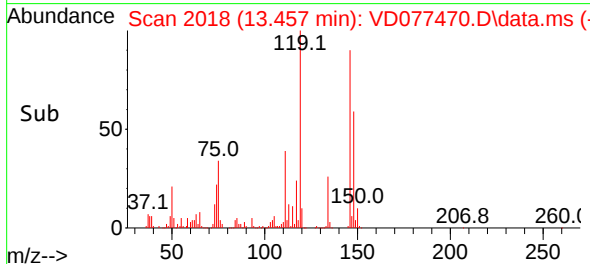
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



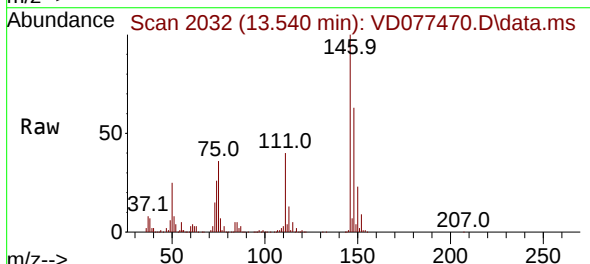
Tgt Ion:146 Resp: 30735
 Ion Ratio Lower Upper
 146 100
 111 42.2 17.9 53.8
 148 64.5 32.3 96.8

Manual Integrations
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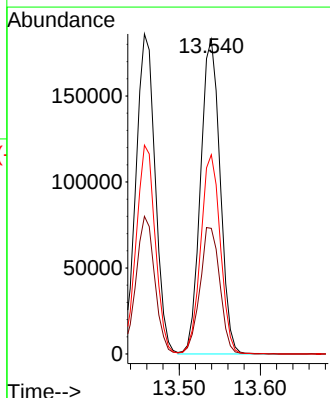
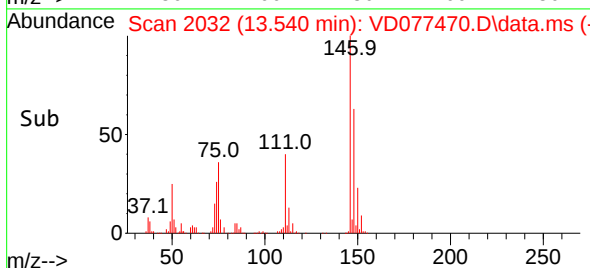
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

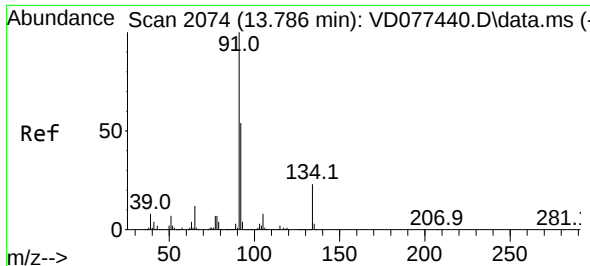


#88
 1,4-Dichlorobenzene
 Concen: 49.053 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53



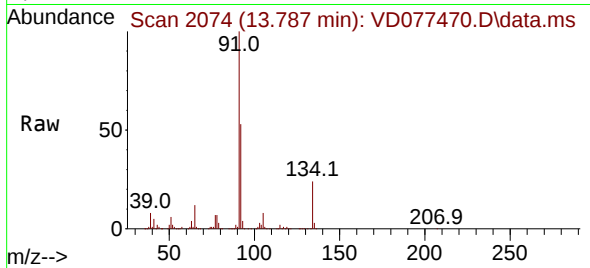
Tgt Ion:146 Resp: 306075
 Ion Ratio Lower Upper
 146 100
 111 41.0 17.4 52.3
 148 63.5 31.7 95.1





#89
n-Butylbenzene
Concen: 49.448 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

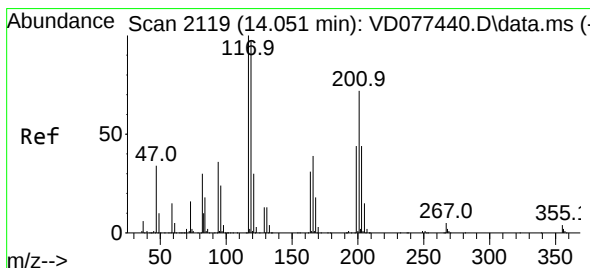
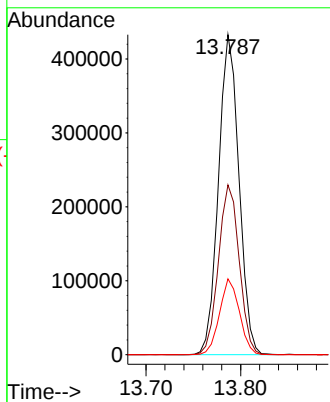
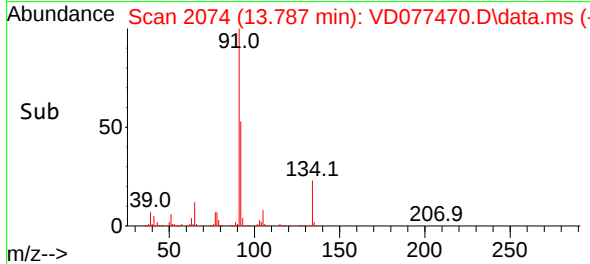
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 650872
Ion Ratio Lower Upper
91 100
92 53.9 26.5 79.5
134 23.0 13.8 41.3

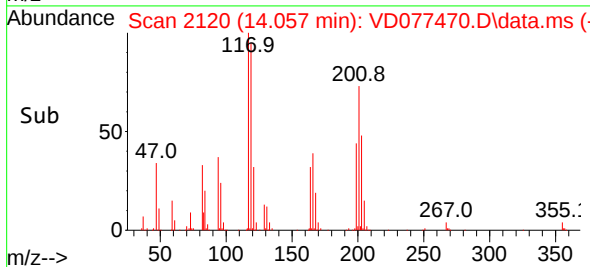
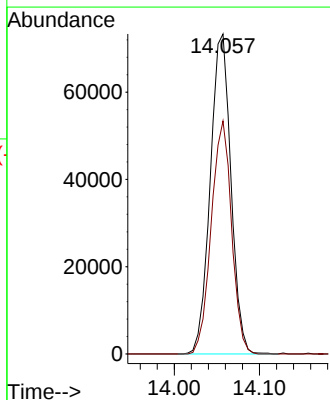
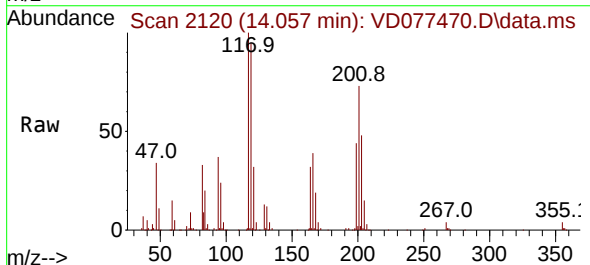
Manual Integrations
APPROVED

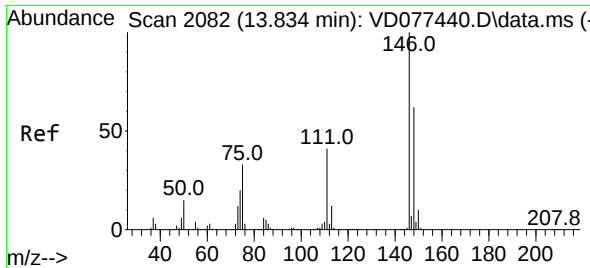
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#90
Hexachloroethane
Concen: 47.666 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

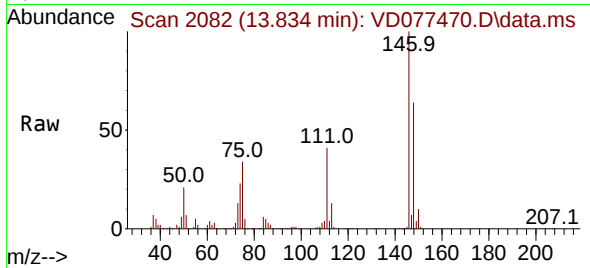
Tgt Ion:117 Resp: 123527
Ion Ratio Lower Upper
117 100
201 71.6 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 49.061 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

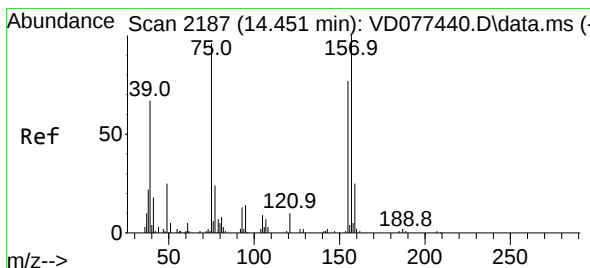
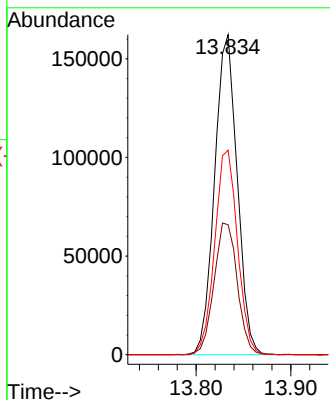
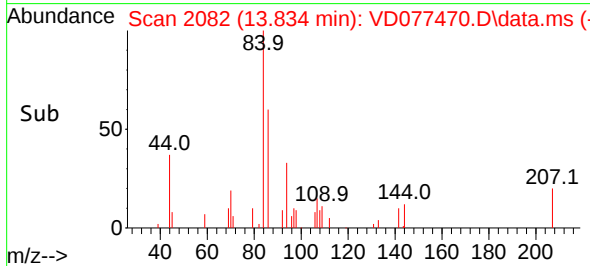
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 269270
Ion Ratio Lower Upper
146 100
111 42.4 18.3 54.8
148 64.5 31.6 94.7

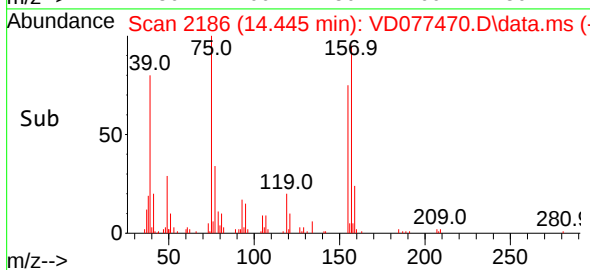
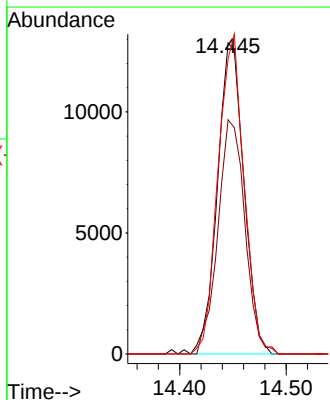
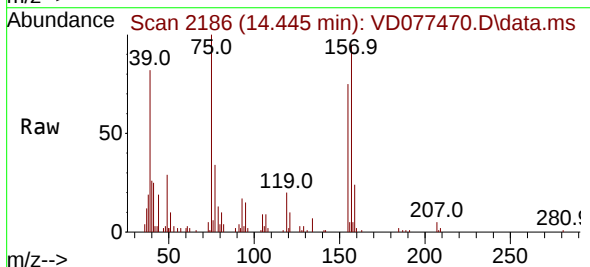
Manual Integrations
APPROVED

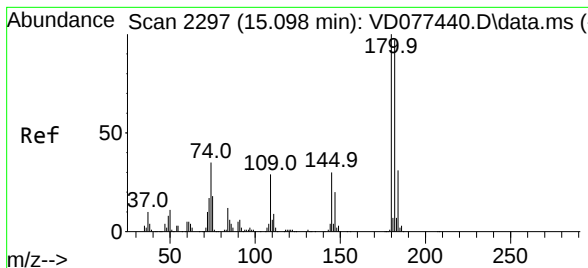
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.662 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

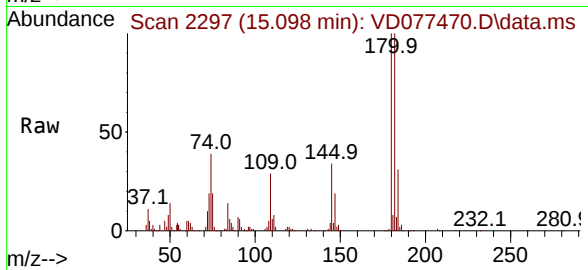
Tgt Ion: 75 Resp: 22242
Ion Ratio Lower Upper
75 100
155 76.6 47.9 143.8
157 100.0 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 47.340 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

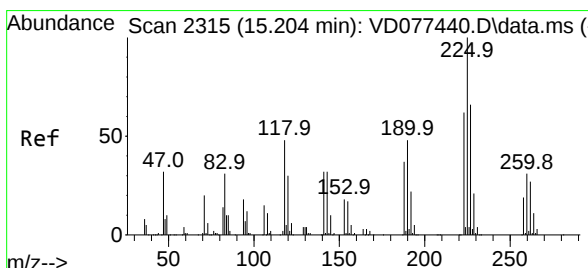
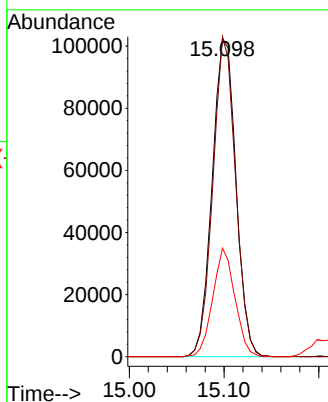
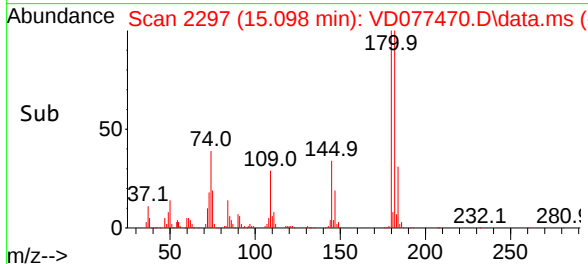
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



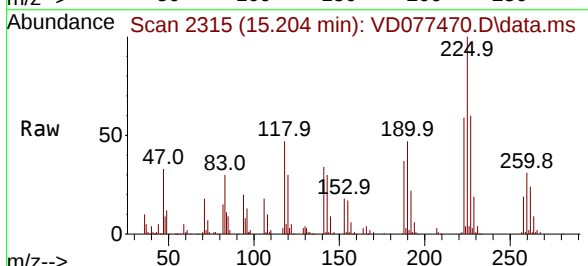
Tgt Ion:180 Resp: 17849
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 31.8 14.2 42.6

Manual Integrations
APPROVED

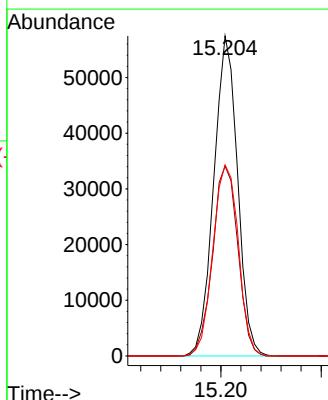
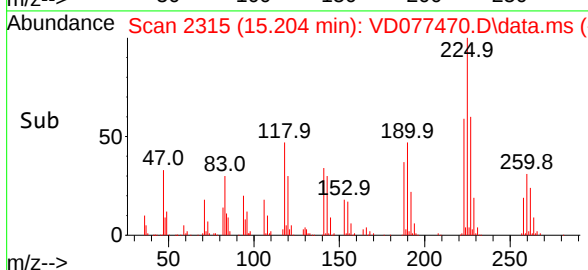
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

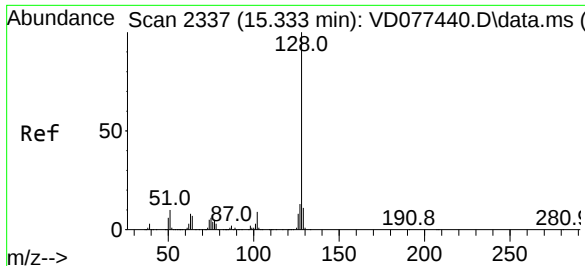


#94
Hexachlorobutadiene
Concen: 46.526 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



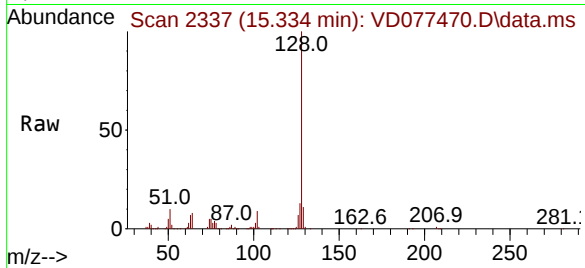
Tgt Ion:225 Resp: 94626
Ion Ratio Lower Upper
225 100
223 62.9 31.6 94.8
227 63.9 31.7 95.1





#95
Naphthalene
Concen: 48.998 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

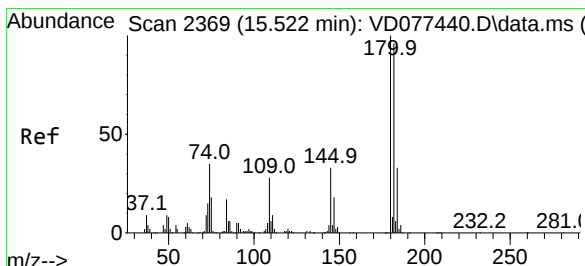
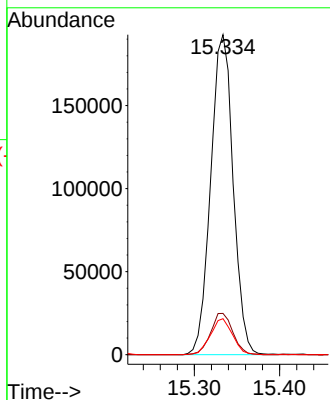
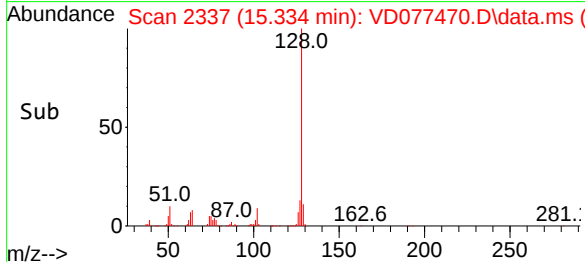
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



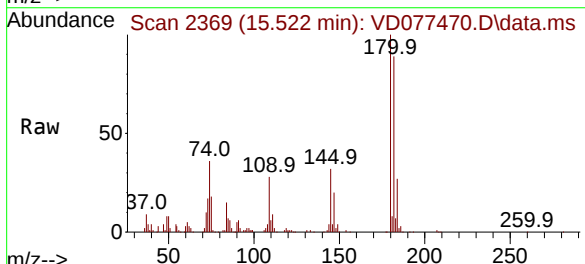
Tgt Ion:128 Resp: 352432
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.848 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



Tgt Ion:180 Resp: 158984
Ion Ratio Lower Upper
180 100
182 91.8 47.3 141.9
145 31.0 15.1 45.3

