

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077454.D
 Acq On : 31 Oct 2023 11:48
 Operator : JC/SY
 Sample : VD1031SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1031SBS01

Quant Time: Nov 01 06:03:05 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	294180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	521480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	457122	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	205173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	185189	44.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.040%		
35) Dibromofluoromethane	7.810	113	159682	44.304	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.600%		
50) Toluene-d8	10.269	98	631376	45.099	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.200%		
62) 4-Bromofluorobenzene	12.575	95	206189	43.728	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	47531	20.038	ug/l	99
3) Chloromethane	2.152	50	72062	19.135	ug/l	99
4) Vinyl Chloride	2.287	62	74102	20.178	ug/l	99
5) Bromomethane	2.693	94	37894	19.692	ug/l	98
6) Chloroethane	2.840	64	49419	19.987	ug/l	90
7) Trichlorofluoromethane	3.175	101	100280	19.499	ug/l	98
8) Diethyl Ether	3.593	74	35823	19.378	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	3.969	101	63253	20.373	ug/l	93
10) Methyl Iodide	4.169	142	56111	16.558	ug/l #	88
11) Tert butyl alcohol	5.046	59	32459	98.505	ug/l #	94
12) 1,1-Dichloroethene	3.946	96	55665	18.939	ug/l #	62
13) Acrolein	3.805	56	47024	108.217	ug/l	100
14) Allyl chloride	4.563	41	136571	19.261	ug/l #	83
15) Acrylonitrile	5.252	53	103116	103.185	ug/l	99
16) Acetone	4.022	43	102295	92.932	ug/l #	78
17) Carbon Disulfide	4.275	76	119268	15.923	ug/l	100
18) Methyl Acetate	4.569	43	78109	19.454	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	183162	19.853	ug/l #	88
20) Methylene Chloride	4.805	84	80312	17.853	ug/l #	62
21) trans-1,2-Dichloroethene	5.316	96	63999	18.696	ug/l #	71
22) Diisopropyl ether	6.216	45	299500	19.874	ug/l #	87
23) Vinyl Acetate	6.157	43	634324m	97.566	ug/l	
24) 1,1-Dichloroethane	6.110	63	152557	19.510	ug/l	92
25) 2-Butanone	7.081	43	147472	100.442	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	134738	19.443	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	81431	19.201	ug/l	67
28) Bromochloromethane	7.428	49	55604	17.130	ug/l #	52
29) Tetrahydrofuran	7.446	42	87220	100.162	ug/l #	70
30) Chloroform	7.599	83	142283	19.488	ug/l	97
31) Cyclohexane	7.881	56	121628	18.704	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	120832	20.087	ug/l	94
36) 1,1-Dichloropropene	8.010	75	102441	19.170	ug/l	92
37) Ethyl Acetate	7.163	43	61702	20.119	ug/l #	88
38) Carbon Tetrachloride	7.993	117	94475	18.761	ug/l	99
39) Methylcyclohexane	9.275	83	111383	18.267	ug/l #	74
40) Benzene	8.252	78	296850	19.481	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35281	17.979	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	96159	19.924	ug/l	90
43) Isopropyl Acetate	8.357	43	128667	20.331	ug/l #	79
44) Trichloroethene	9.028	130	72126	19.323	ug/l	85
45) 1,2-Dichloropropane	9.304	63	91518	20.400	ug/l	97
46) Dibromomethane	9.399	93	41027	19.003	ug/l	89
47) Bromodichloromethane	9.587	83	110864	19.428	ug/l	98
48) Methyl methacrylate	9.381	41	61299	20.291	ug/l #	62
49) 1,4-Dioxane	9.381	88	9477	408.513	ug/l #	58
51) 4-Methyl-2-Pentanone	10.157	43	312589	100.347	ug/l #	81
52) Toluene	10.334	92	181902	19.581	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	118472	19.606	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	136107	19.574	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	56668	19.674	ug/l	95
56) Ethyl methacrylate	10.598	69	84167	19.653	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	106569	19.794	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	199942	93.255	ug/l #	83
59) 2-Hexanone	10.922	43	226549	98.723	ug/l	76
60) Dibromochloromethane	11.075	129	67696	19.545	ug/l	96
61) 1,2-Dibromoethane	11.181	107	52429	19.221	ug/l	97
64) Tetrachloroethene	10.810	164	54393	18.690	ug/l	92
65) Chlorobenzene	11.610	112	187564	19.585	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	69312	19.152	ug/l	98
67) Ethyl Benzene	11.687	91	367027	19.918	ug/l	94
68) m/p-Xylenes	11.792	106	261613	39.317	ug/l	79
69) o-Xylene	12.122	106	125890	19.752	ug/l	78
70) Styrene	12.140	104	216203	19.663	ug/l #	90
71) Bromoform	12.298	173	38280	19.079	ug/l #	99
73) Isopropylbenzene	12.422	105	342267	20.461	ug/l	95
74) N-amyl acetate	12.234	43	123084	20.773	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	70396	21.468	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	50750m	20.323	ug/l	
77) Bromobenzene	12.704	156	71411	19.394	ug/l	68
78) n-propylbenzene	12.763	91	437275	20.587	ug/l	92
79) 2-Chlorotoluene	12.851	91	242809	20.190	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	285079	20.310	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	26278	20.327	ug/l	87
82) 4-Chlorotoluene	12.951	91	251232	20.055	ug/l	86
83) tert-Butylbenzene	13.169	119	238543	20.214	ug/l	87
84) 1,2,4-Trimethylbenzene	13.216	105	282901	20.290	ug/l	91
85) sec-Butylbenzene	13.345	105	373097	20.663	ug/l	94
86) p-Isopropyltoluene	13.463	119	304871	20.773	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	142382	19.672	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	144041	19.919	ug/l	95
89) n-Butylbenzene	13.787	91	321303	21.063	ug/l	97
90) Hexachloroethane	14.057	117	60577	20.170	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	126307	19.858	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11121	20.132	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	83928	19.207	ug/l	98
94) Hexachlorobutadiene	15.204	225	46096	19.557	ug/l	99
95) Naphthalene	15.333	128	163568	19.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	72398	19.194	ug/l	98

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

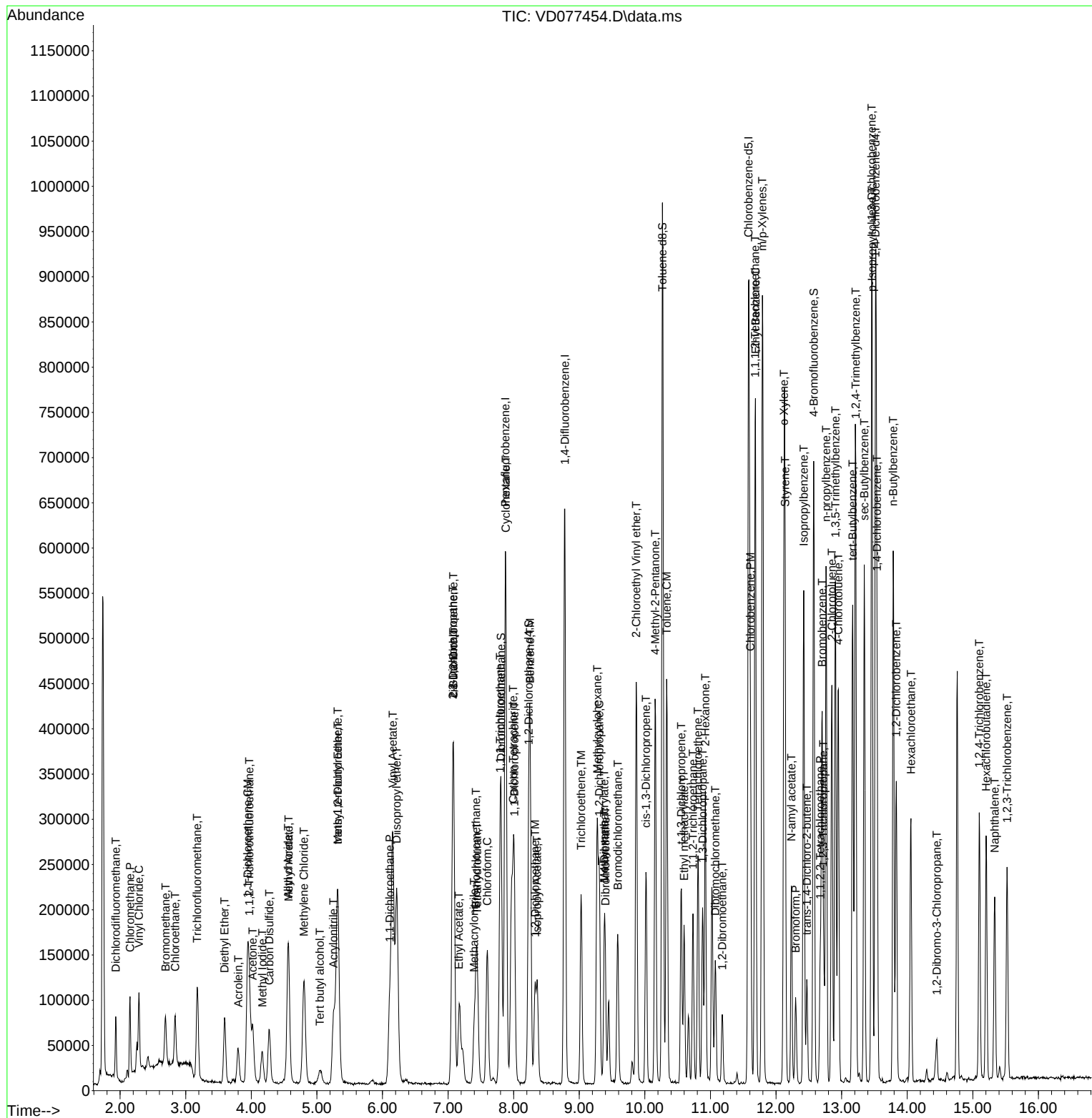
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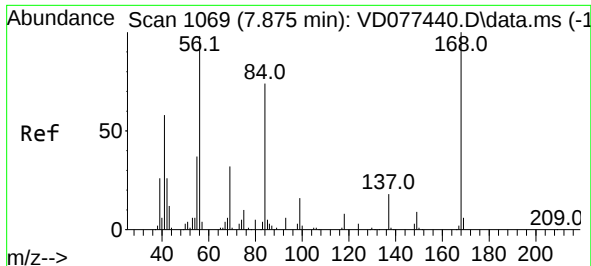
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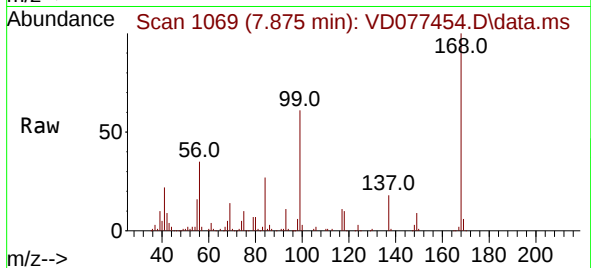
Reviewed By : John Carlone 11/01/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

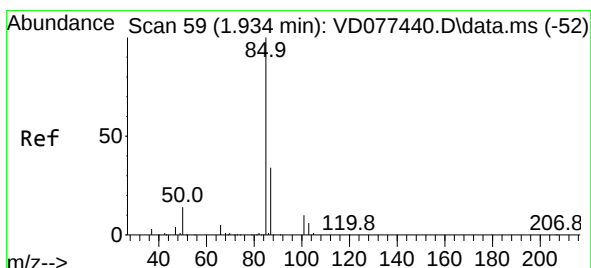
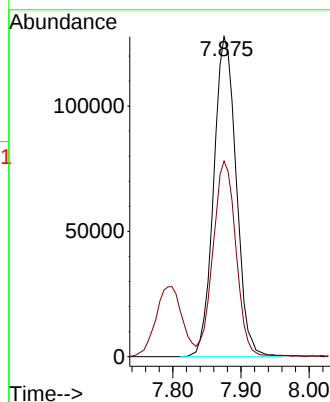
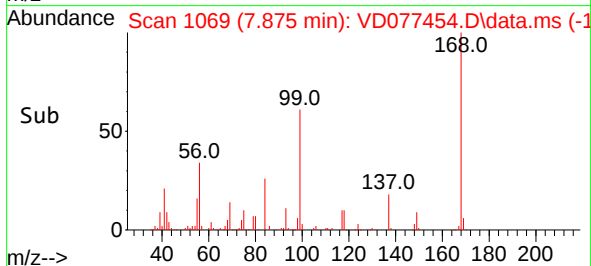
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MSVOA_D
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VD1031SBS01



Tgt Ion:168 Resp: 294180
Ion Ratio Lower Upper
168 100
99 60.7 36.7 55.1

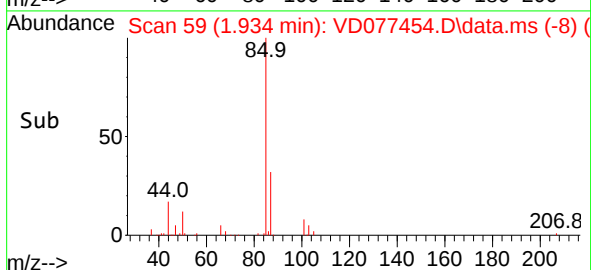
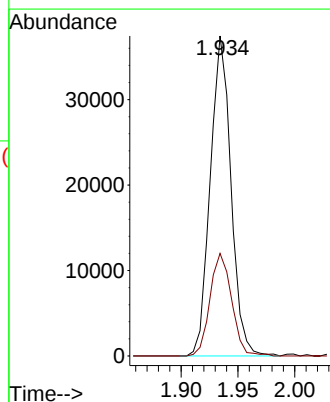
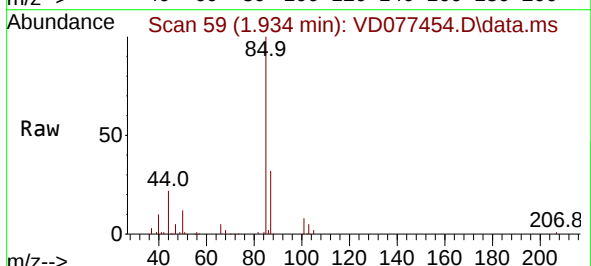
Manual Integrations
APPROVED

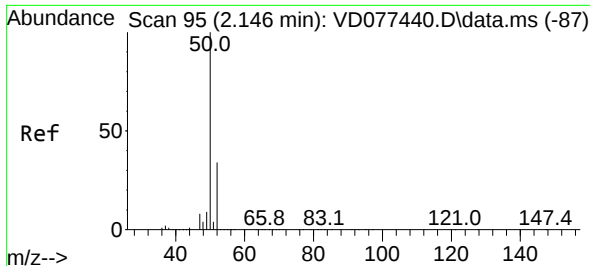
Reviewed By :John Carlone 11/01/2023
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#2
Dichlorodifluoromethane
Concen: 20.038 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

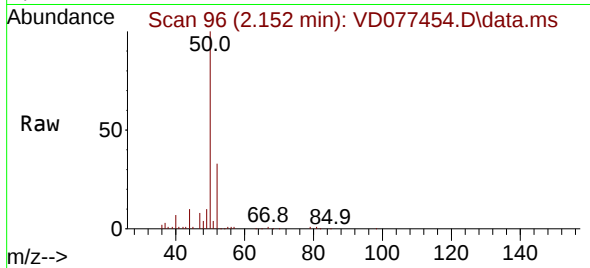
Tgt Ion: 85 Resp: 47531
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3
Chloromethane
Concen: 19.135 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

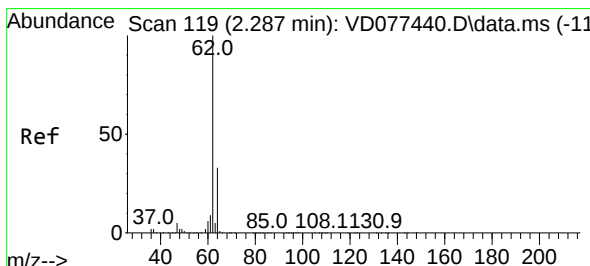
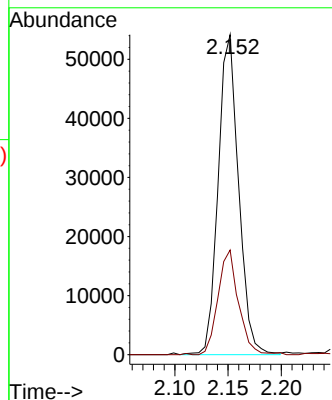
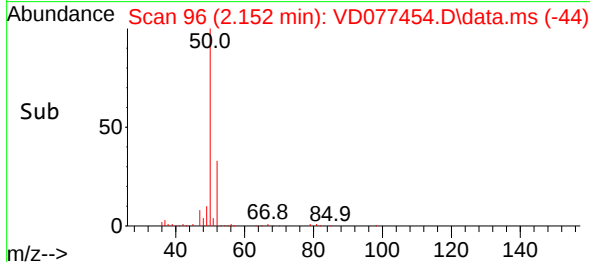
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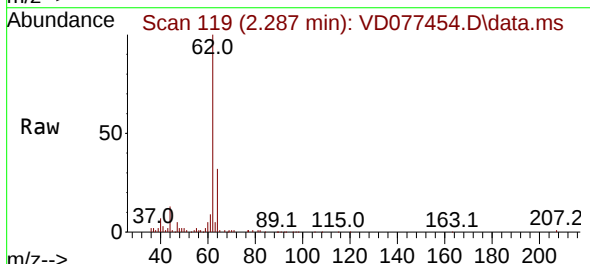
Tgt Ion: 50 Resp: 72062
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

Manual Integrations
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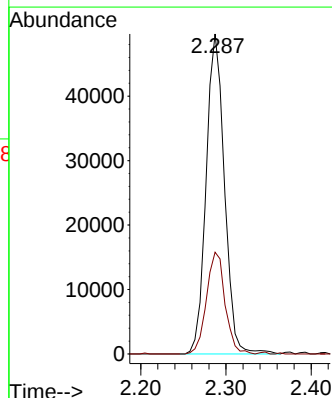
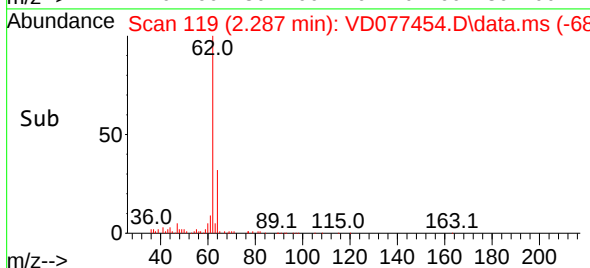
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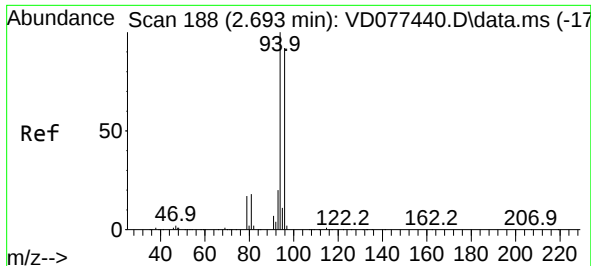


#4
Vinyl Chloride
Concen: 20.178 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



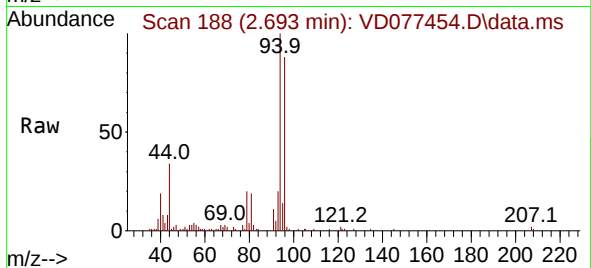
Tgt Ion: 62 Resp: 74102
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5
Bromomethane
Concen: 19.692 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

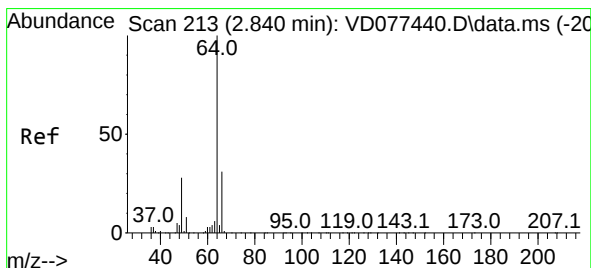
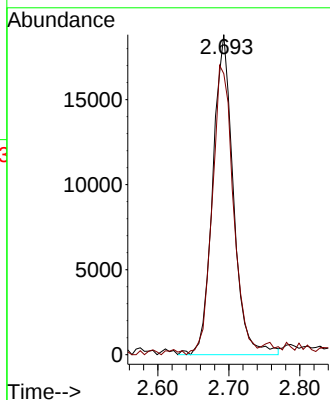
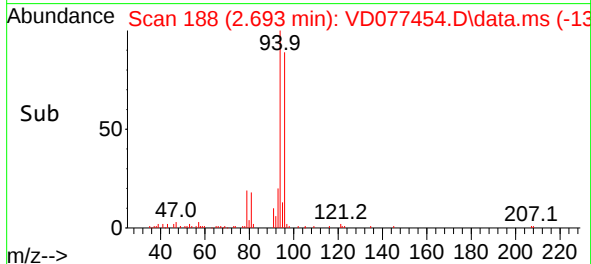
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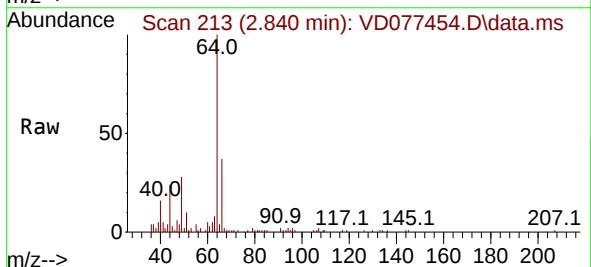
Tgt Ion: 94 Resp: 37894
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.8

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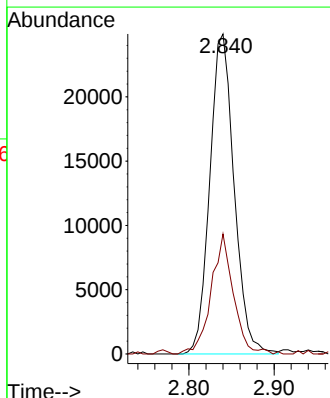
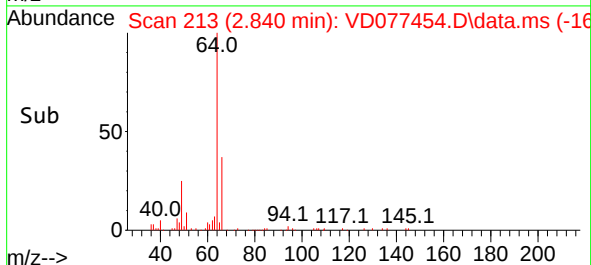
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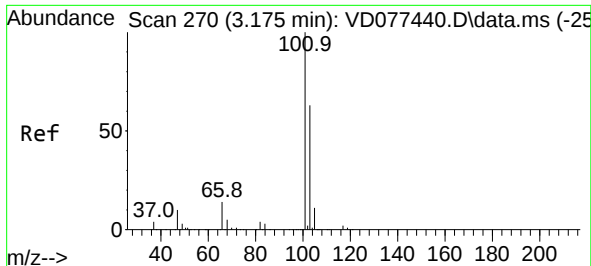


#6
Chloroethane
Concen: 19.987 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



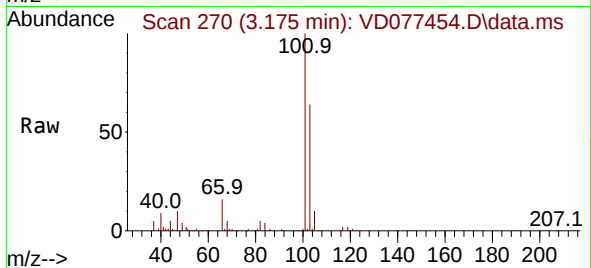
Tgt Ion: 64 Resp: 49419
Ion Ratio Lower Upper
64 100
66 37.5 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 19.499 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

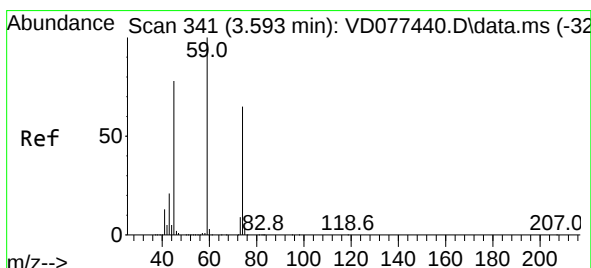
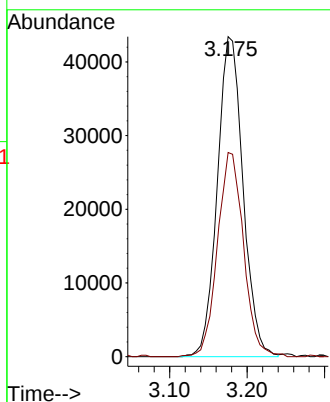
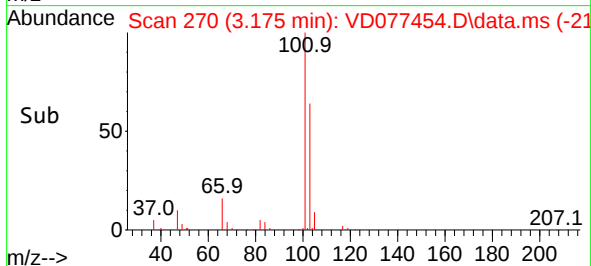
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Tgt Ion:101 Resp: 100280
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.3 78.5

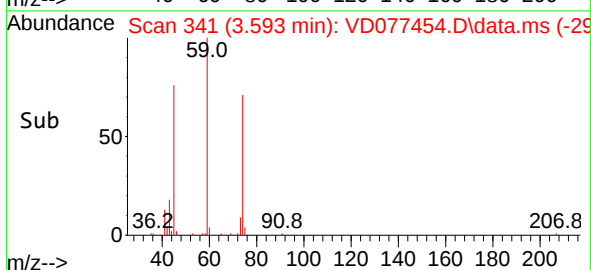
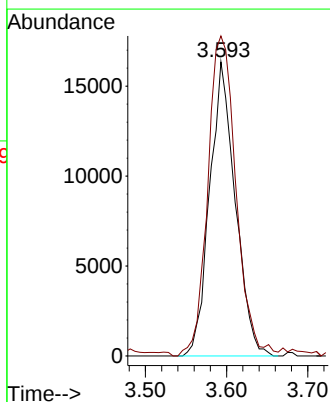
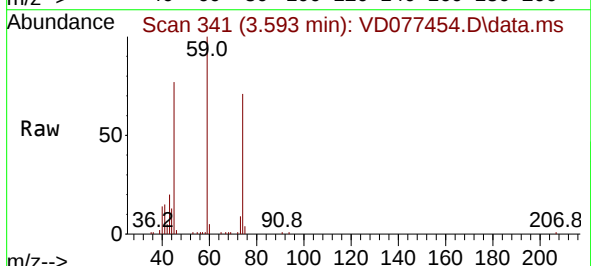
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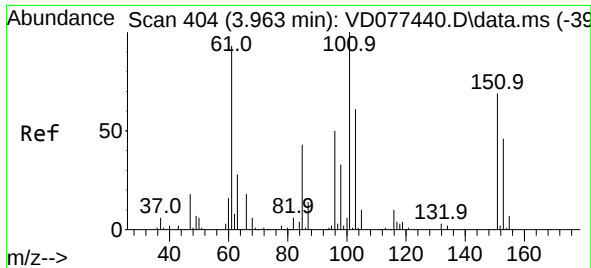
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#8
 Diethyl Ether
 Concen: 19.378 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

Tgt Ion: 74 Resp: 35823
 Ion Ratio Lower Upper
 74 100
 45 120.0 37.5 112.7#





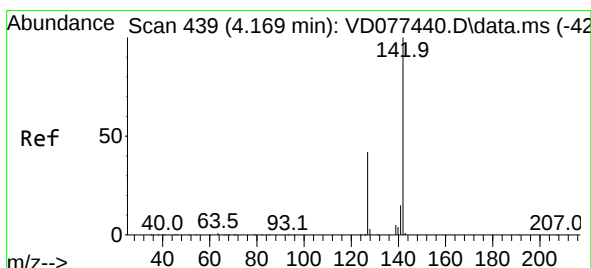
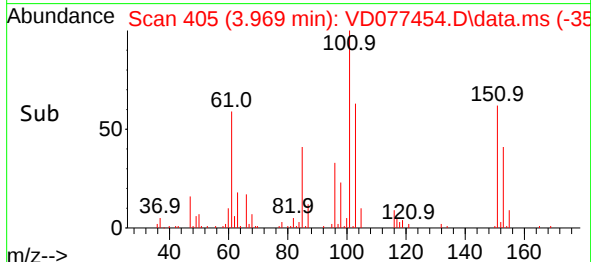
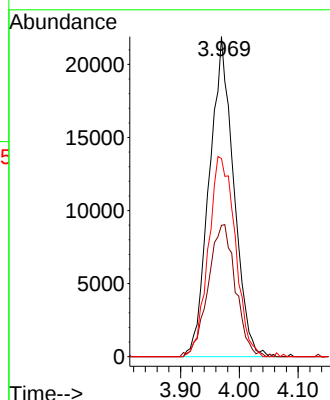
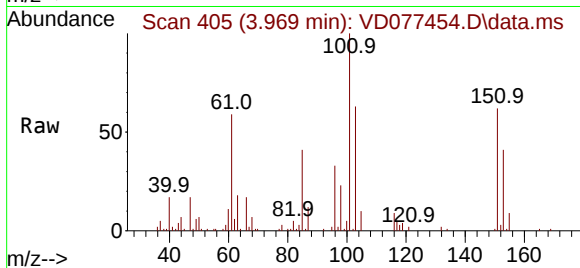
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.373 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion:101 Resp: 6325
Ion Ratio Lower Upper
101 100
85 46.3 33.8 50.6
151 68.5 59.8 89.6

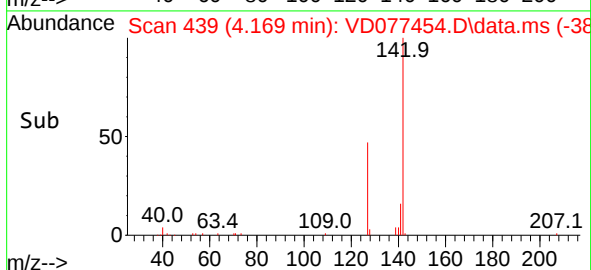
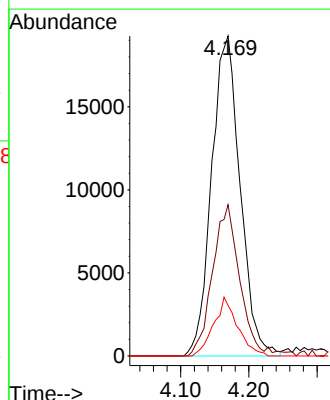
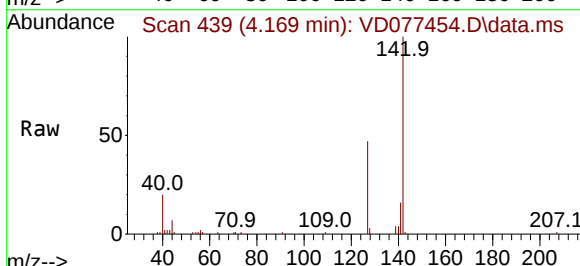
Manual Integrations
APPROVED

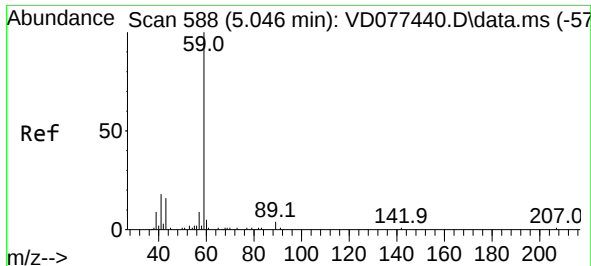
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#10
Methyl Iodide
Concen: 16.558 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion:142 Resp: 56111
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 15.4 11.1 16.7





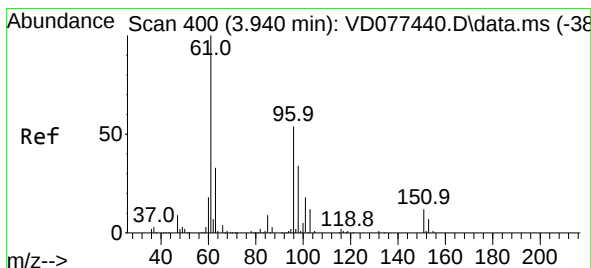
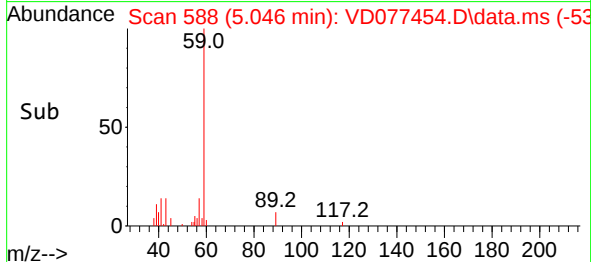
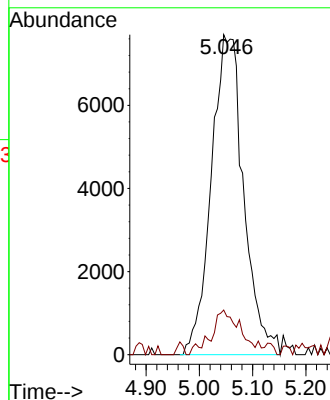
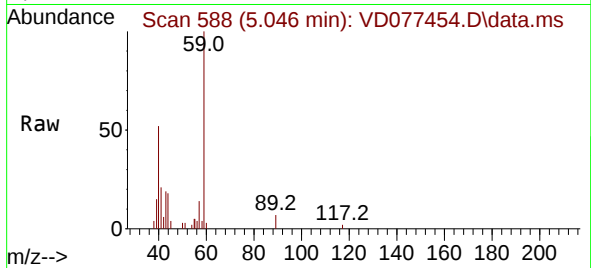
#11
Tert butyl alcohol
Concen: 98.505 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion: 59 Resp: 32459
Ion Ratio Lower Upper
59 100
57 12.2 7.8 11.8

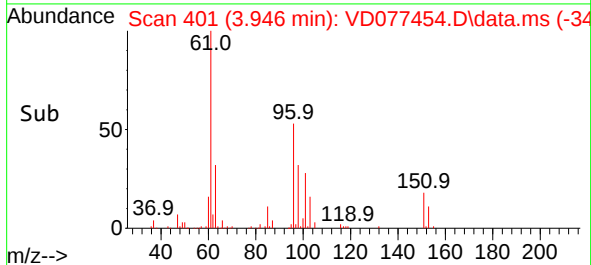
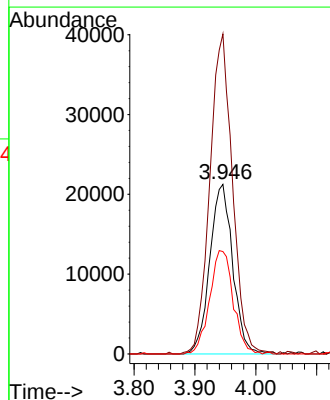
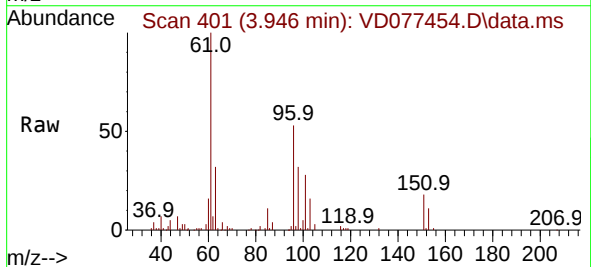
Manual Integrations
APPROVED

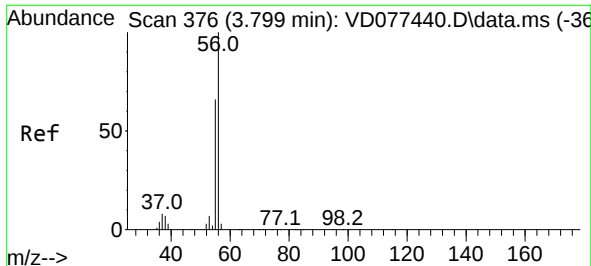
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#12
1,1-Dichloroethene
Concen: 18.939 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 96 Resp: 55665
Ion Ratio Lower Upper
96 100
61 188.6 100.6 150.8#
98 60.4 50.2 75.2





#13

Acrolein

Concen: 108.217 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD1031SBS01

Tgt Ion: 56 Resp: 47024

Ion Ratio Lower Upper

56 100

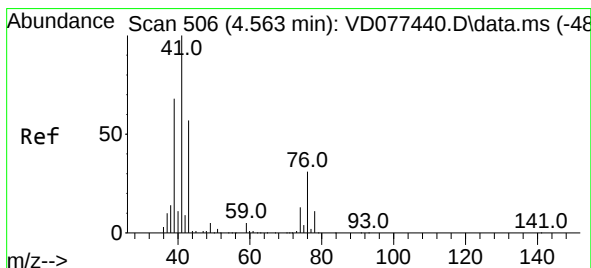
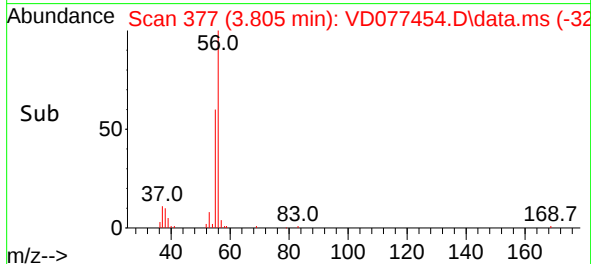
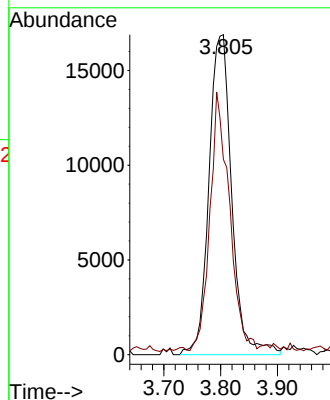
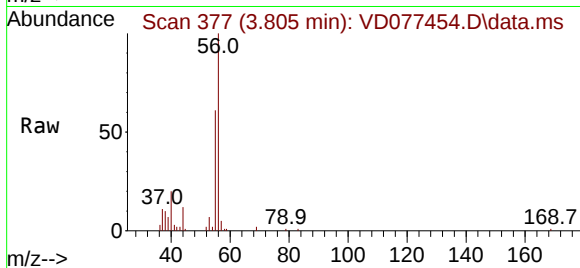
55 68.9 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#14

Allyl chloride

Concen: 19.261 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

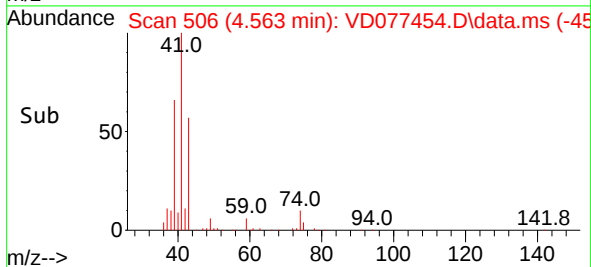
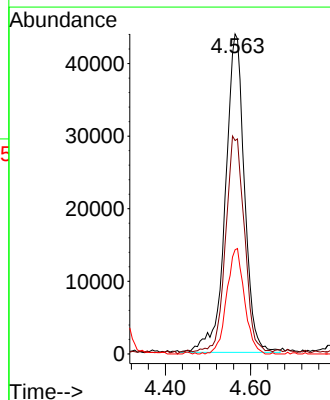
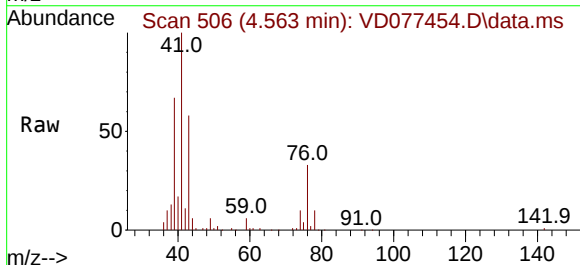
Tgt Ion: 41 Resp: 136571

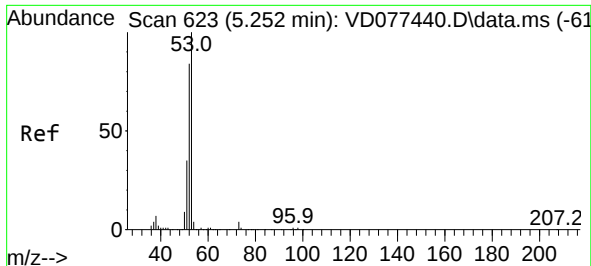
Ion Ratio Lower Upper

41 100

39 66.3 53.8 80.6

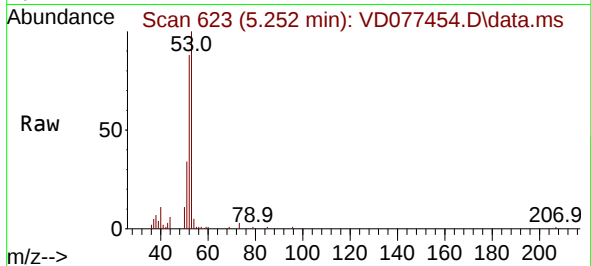
76 31.0 45.8 68.8#





#15
Acrylonitrile
Concen: 103.185 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

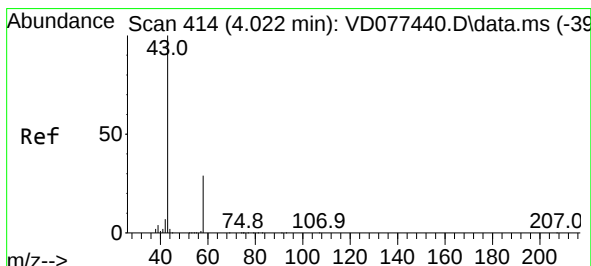
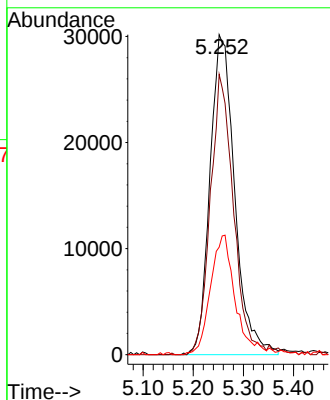
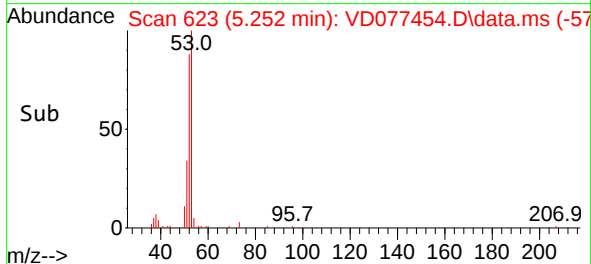
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



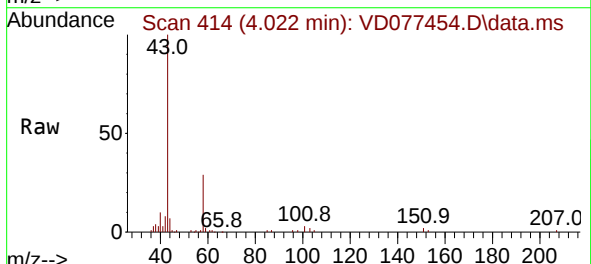
Tgt Ion: 53 Resp: 103110
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 37.2 28.3 42.5

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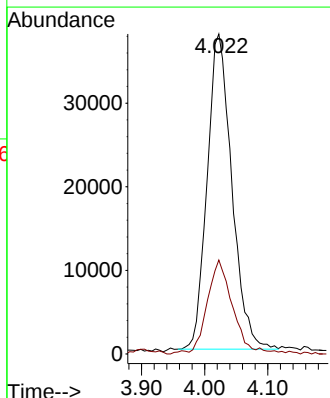
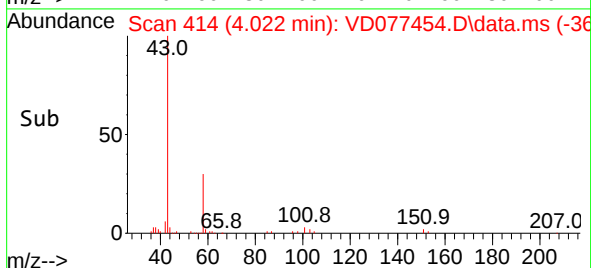
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

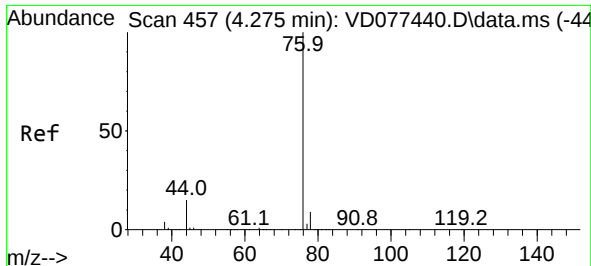


#16
Acetone
Concen: 92.932 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion: 43 Resp: 102295
Ion Ratio Lower Upper
43 100
58 29.2 34.7 52.1#





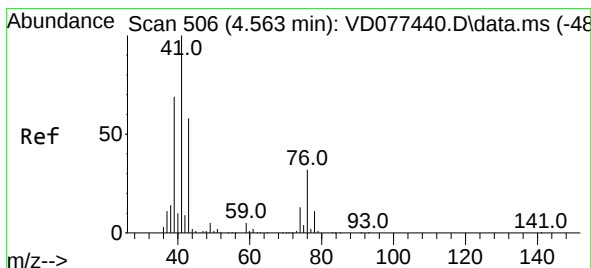
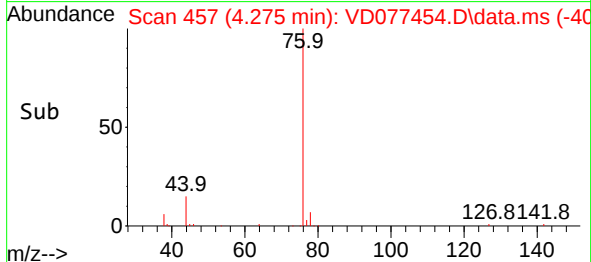
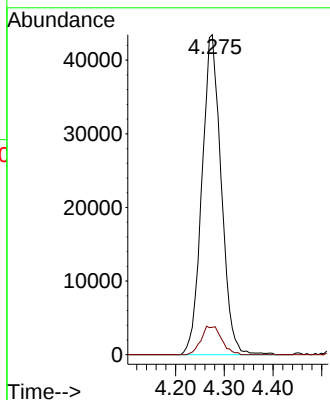
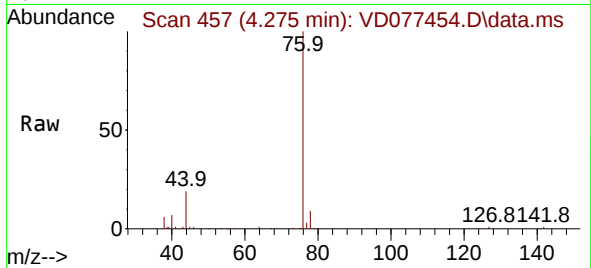
#17
Carbon Disulfide
Concen: 15.923 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion: 76 Resp: 119268
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

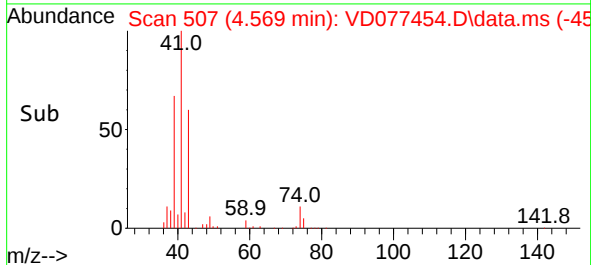
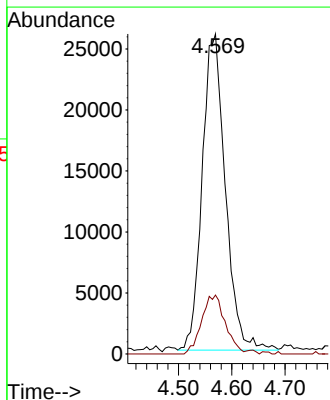
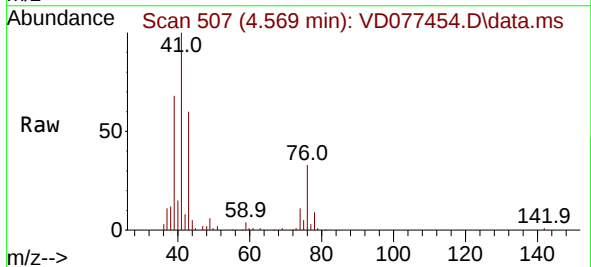
Manual Integrations
APPROVED

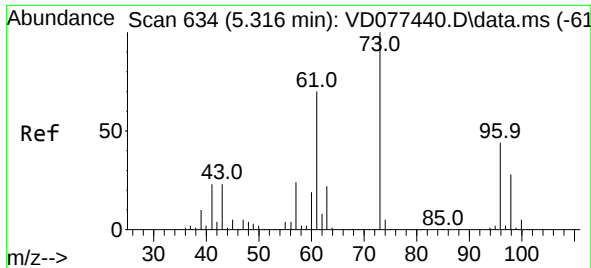
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#18
Methyl Acetate
Concen: 19.454 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

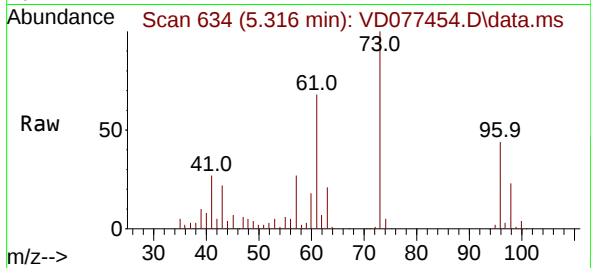
Tgt Ion: 43 Resp: 78109
Ion Ratio Lower Upper
43 100
74 19.0 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 19.853 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

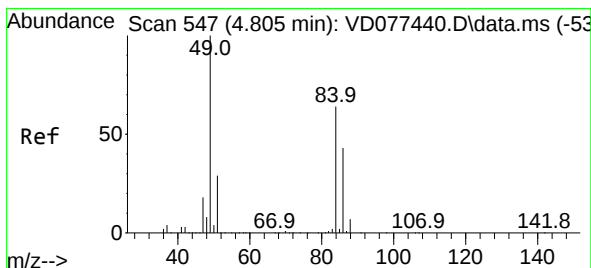
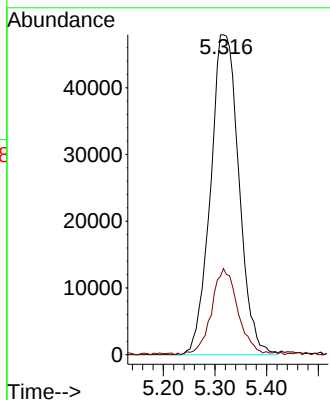
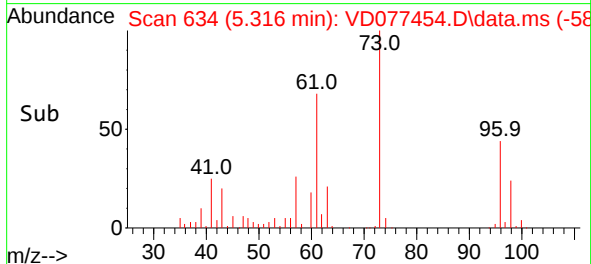
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion: 73 Resp: 183162
Ion Ratio Lower Upper
73 100
57 26.5 16.6 25.0

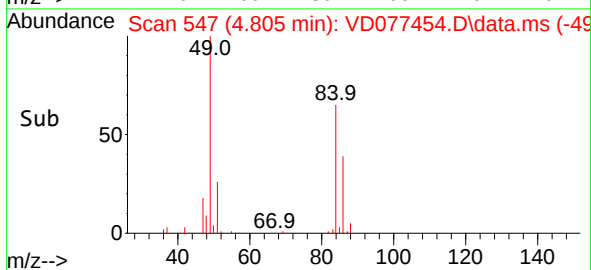
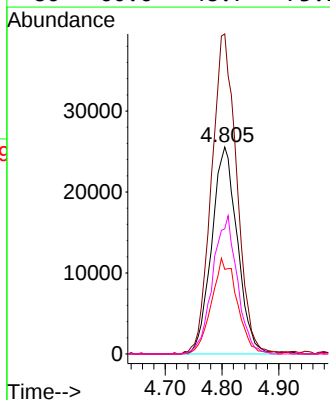
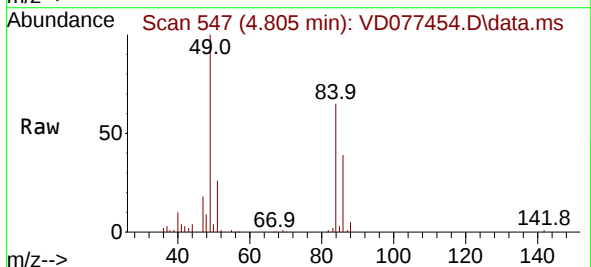
Manual Integrations
APPROVED

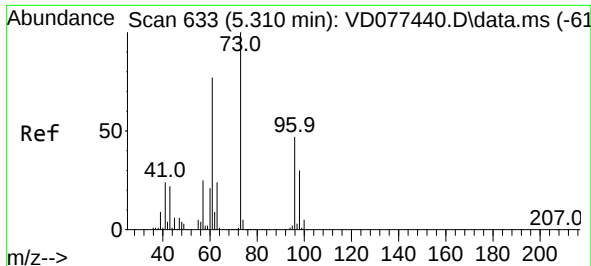
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#20
Methylene Chloride
Concen: 17.853 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

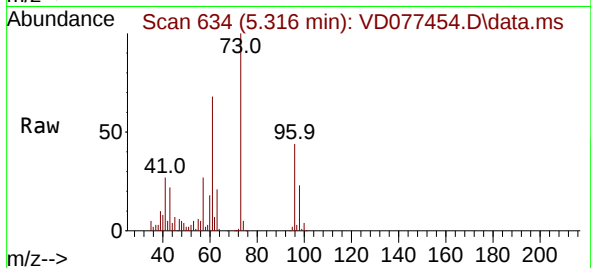
Tgt Ion: 84 Resp: 80312
Ion Ratio Lower Upper
84 100
49 154.7 71.4 107.2#
51 40.9 24.5 36.7#
86 60.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 18.696 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

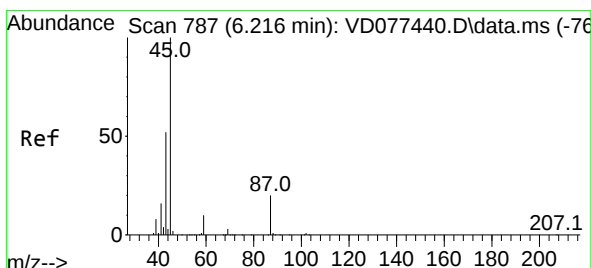
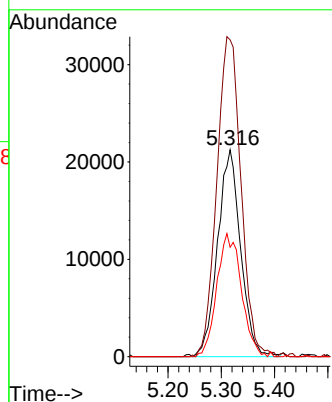
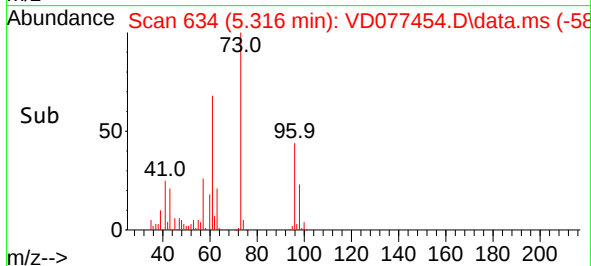
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion: 96 Resp: 6399
Ion Ratio Lower Upper
96 100
61 153.1 89.3 133.9
98 52.9 48.6 73.0

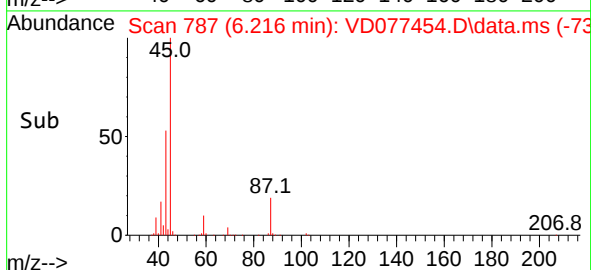
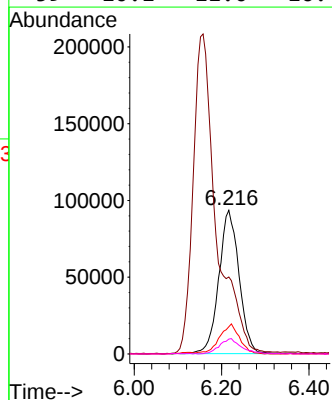
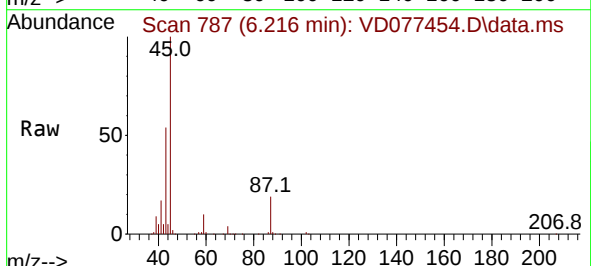
Manual Integrations
APPROVED

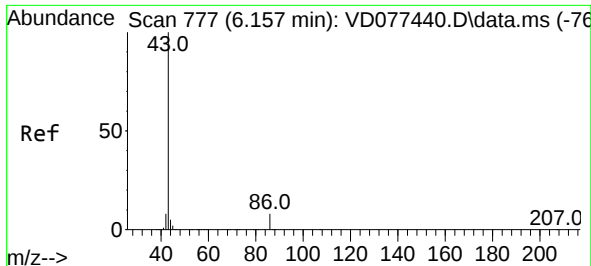
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#22
Diisopropyl ether
Concen: 19.874 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

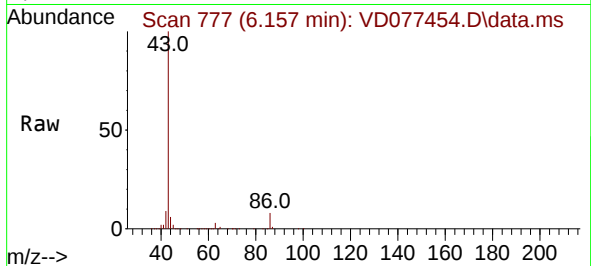
Tgt Ion: 45 Resp: 299500
Ion Ratio Lower Upper
45 100
43 52.7 40.0 60.0
87 19.0 28.2 42.4
59 10.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 97.566 ug/l m
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

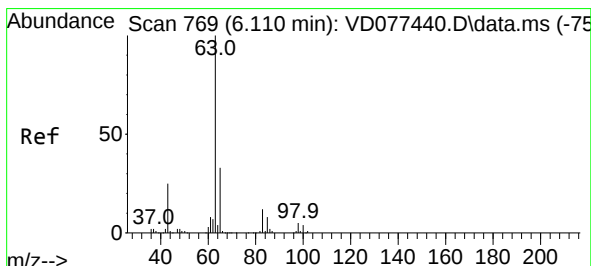
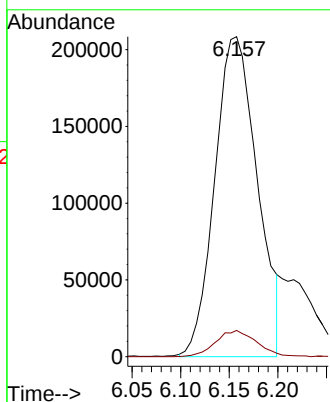
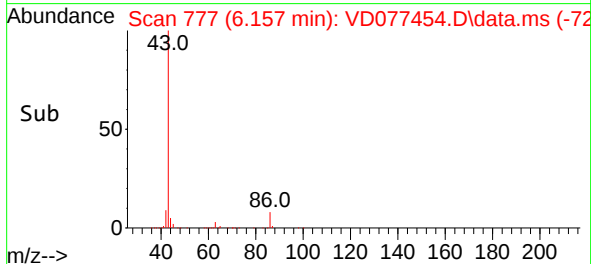
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1031SBS01



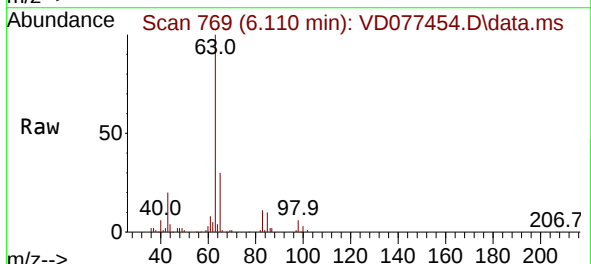
Tgt Ion: 43 Resp: 634324
 Ion Ratio Lower Upper
 43 100
 86 8.2 12.5 18.7

Manual Integrations
 APPROVED

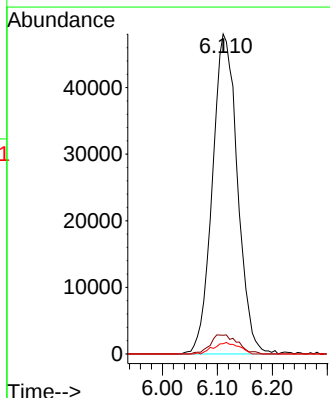
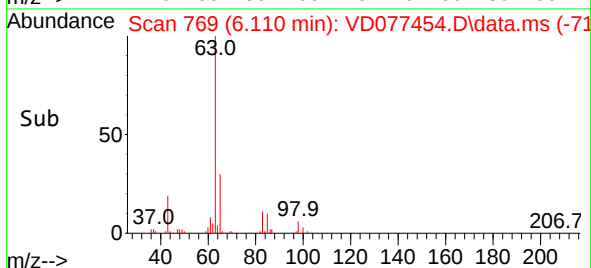
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

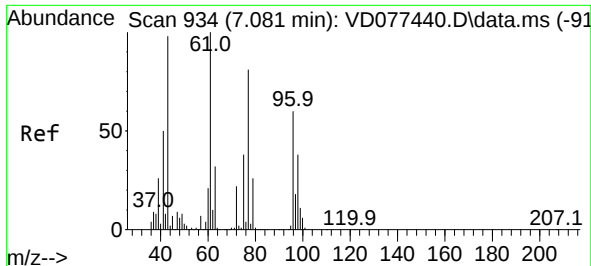


#24
 1,1-Dichloroethane
 Concen: 19.510 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48



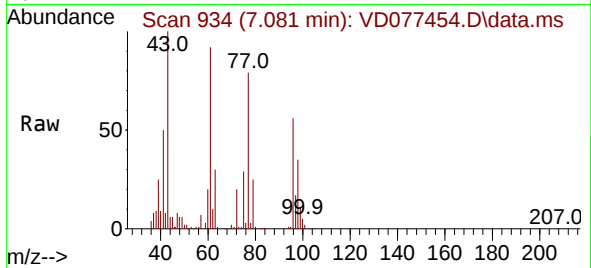
Tgt Ion: 63 Resp: 152557
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.5 13.7
 100 3.2 2.5 7.5





#25
2-Butanone
Concen: 100.442 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

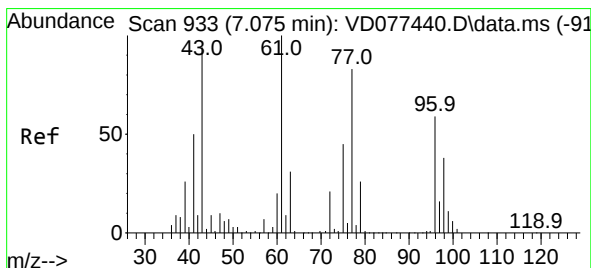
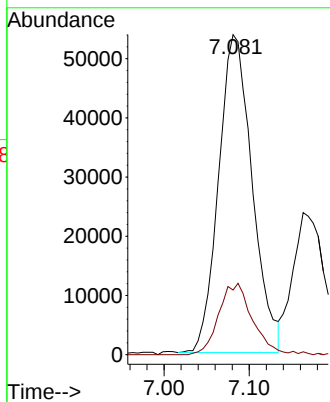
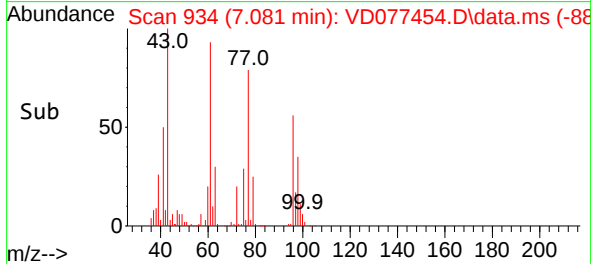
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion: 43 Resp: 147472
Ion Ratio Lower Upper
43 100
72 20.3 30.7 46.1

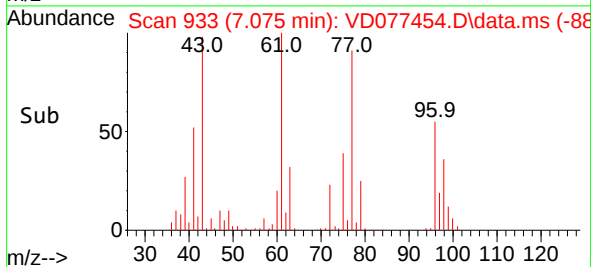
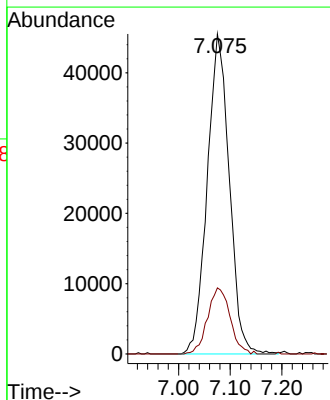
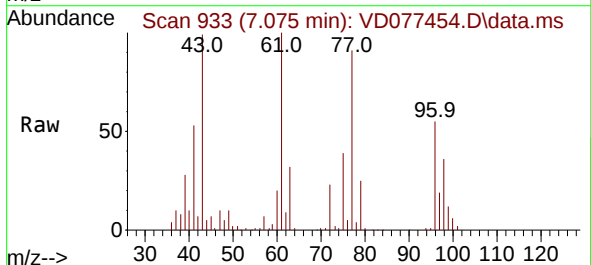
Manual Integrations
APPROVED

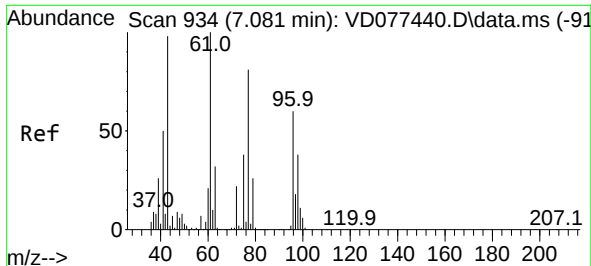
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#26
2,2-Dichloropropane
Concen: 19.443 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

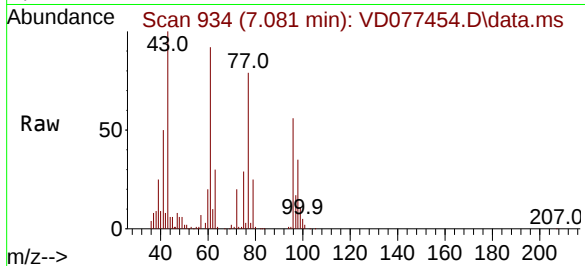
Tgt Ion: 77 Resp: 134738
Ion Ratio Lower Upper
77 100
97 21.2 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.201 ug/l
 RT: 7.081 min Scan# 913
 Delta R.T. -0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

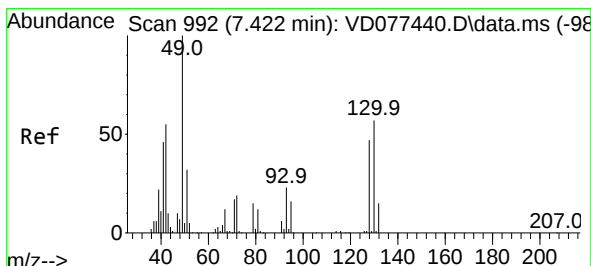
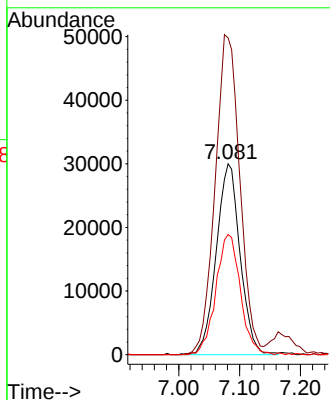
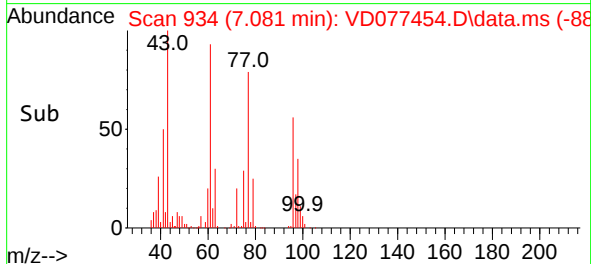
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1031SBS01



Tgt Ion: 96 Resp: 8143
 Ion Ratio Lower Upper
 96 100
 61 174.7 0.0 239.2
 98 64.7 0.0 128.6

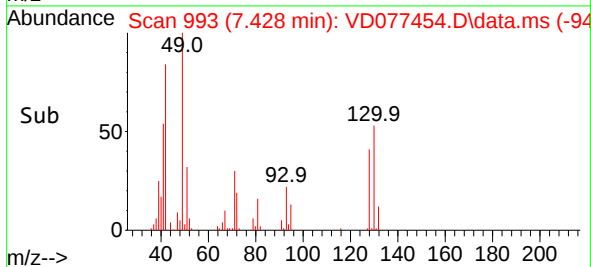
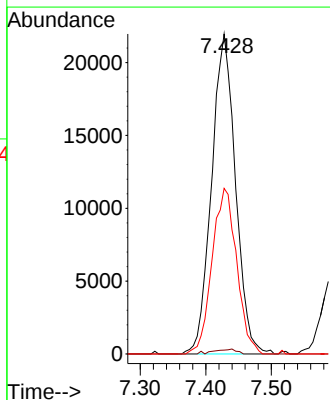
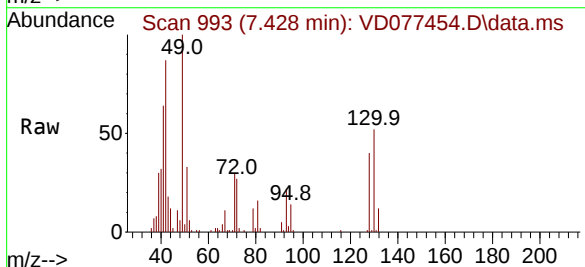
Manual Integrations
 APPROVED

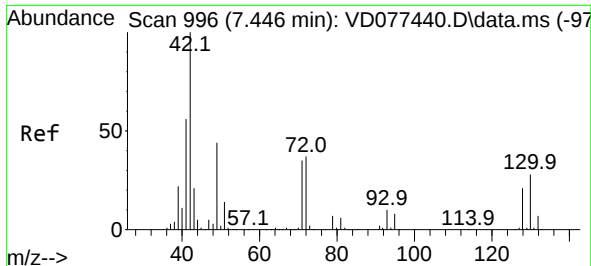
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#28
 Bromochloromethane
 Concen: 17.130 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

Tgt Ion: 49 Resp: 55604
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 6.0
 130 53.2 83.2 124.8#





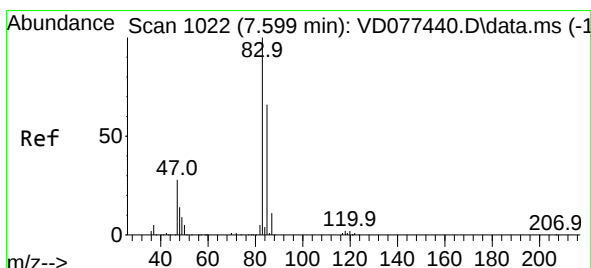
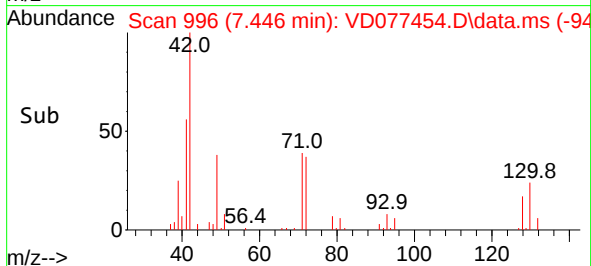
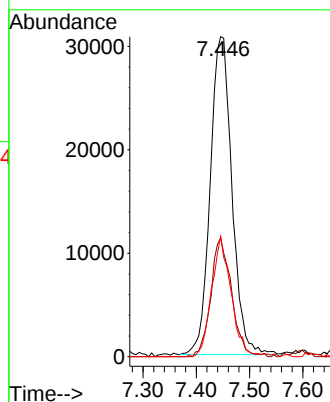
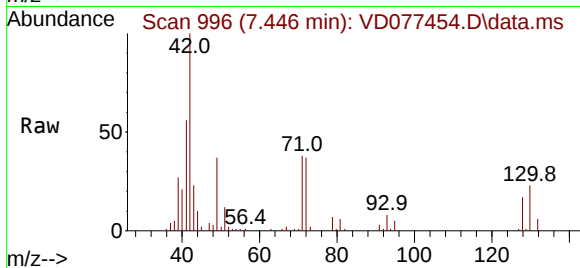
#29
Tetrahydrofuran
Concen: 100.162 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion: 42 Resp: 87220
Ion Ratio Lower Upper
42 100
72 35.6 46.5 69.7
71 34.2 44.5 66.7

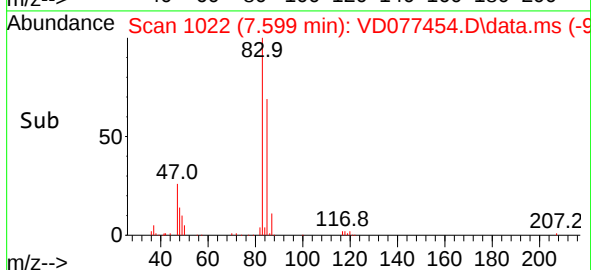
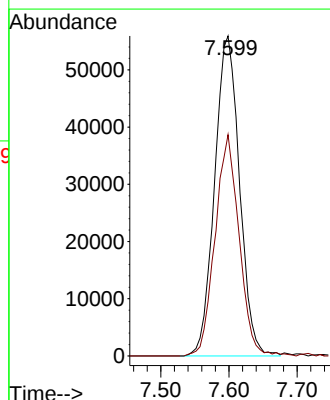
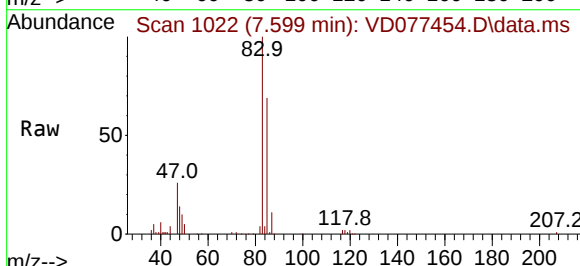
Manual Integrations
APPROVED

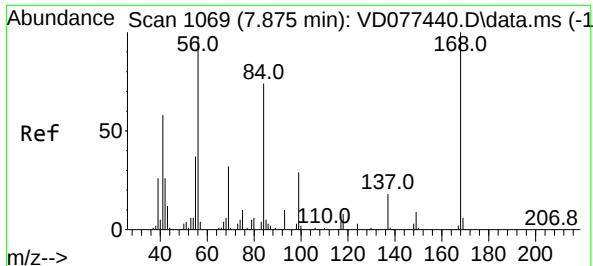
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#30
Chloroform
Concen: 19.488 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

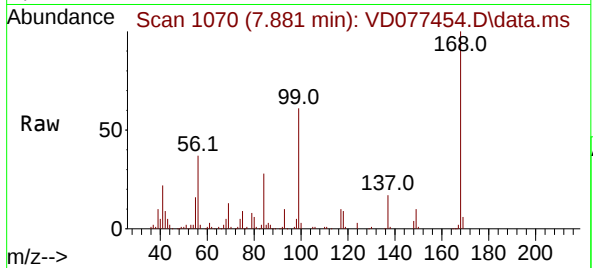
Tgt Ion: 83 Resp: 142283
Ion Ratio Lower Upper
83 100
85 69.1 53.4 80.2





#31
Cyclohexane
Concen: 18.704 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

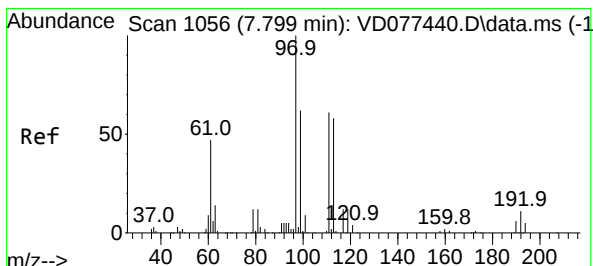
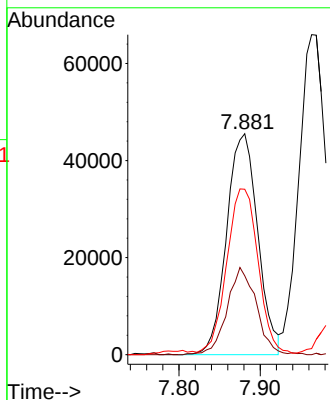
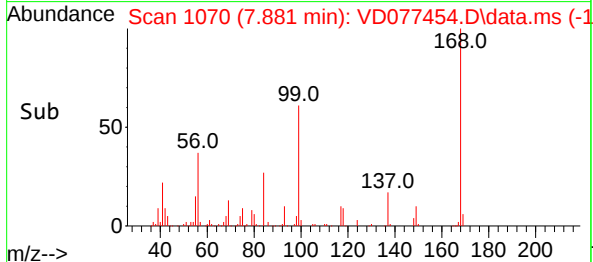
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion: 56 Resp: 121628
Ion Ratio Lower Upper
56 100
69 35.7 28.6 43.0
84 73.3 84.8 127.2

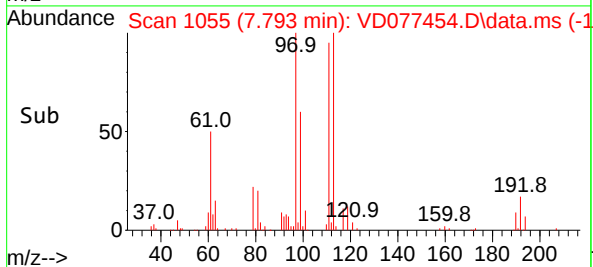
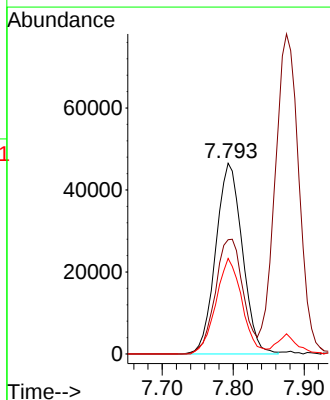
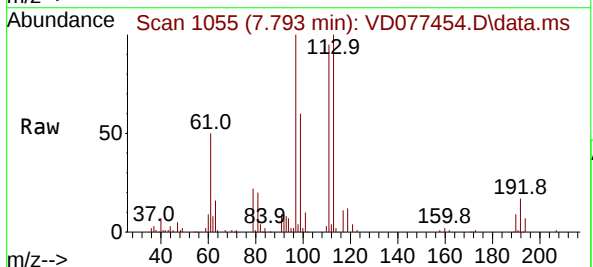
Manual Integrations
APPROVED

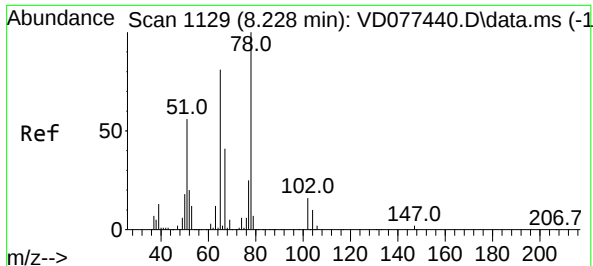
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#32
1,1,1-Trichloroethane
Concen: 20.087 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

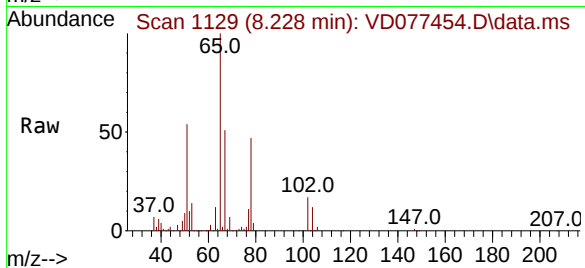
Tgt Ion: 97 Resp: 120832
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 49.2 33.8 50.8





#33
1,2-Dichloroethane-d4
Concen: 44.518 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

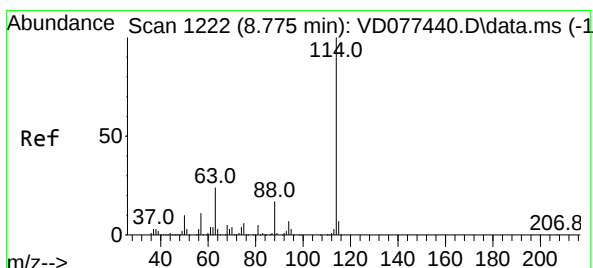
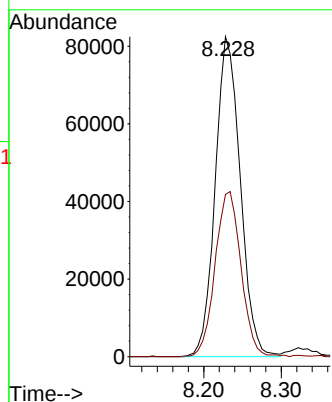
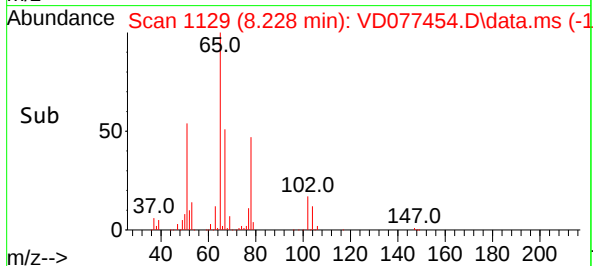
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



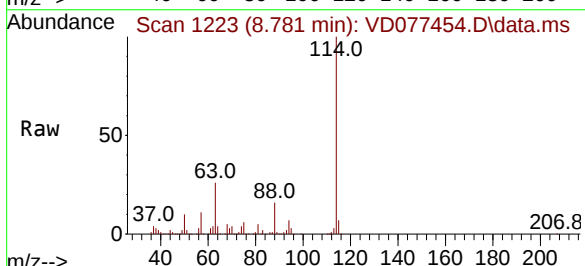
Tgt Ion: 65 Resp: 185189
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0

Manual Integrations
APPROVED

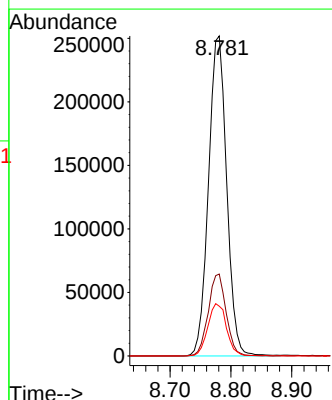
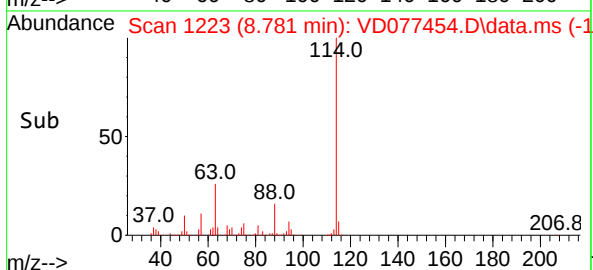
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

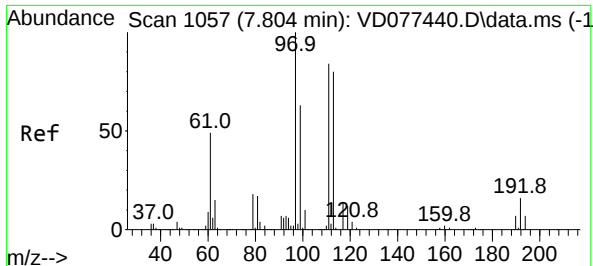


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion:114 Resp: 521480
Ion Ratio Lower Upper
114 100
63 25.6 0.0 33.4
88 15.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.304 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD1031SBS01

Tgt Ion:113 Resp: 15968

Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

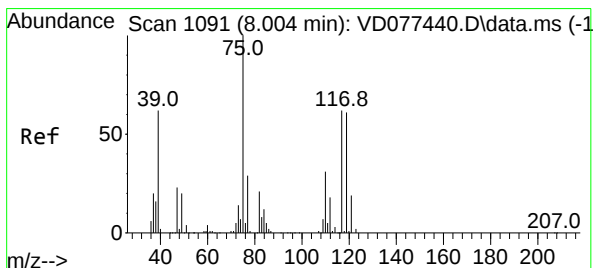
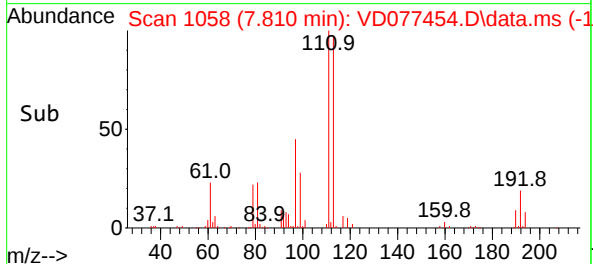
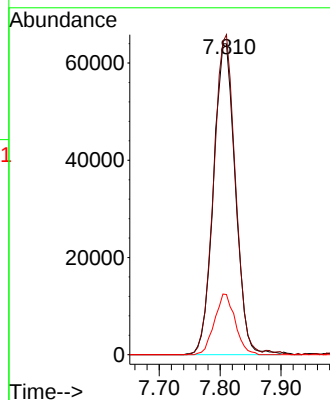
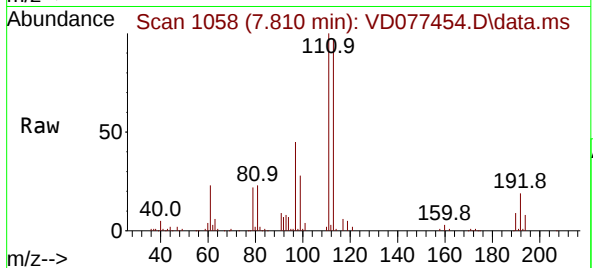
192 18.4 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#36

1,1-Dichloropropene

Concen: 19.170 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

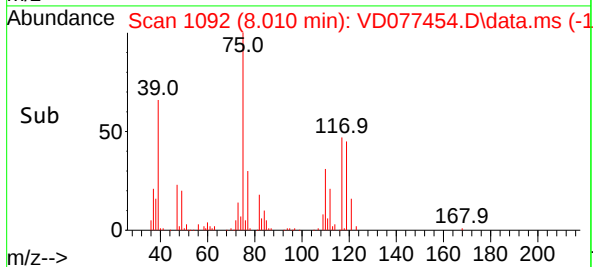
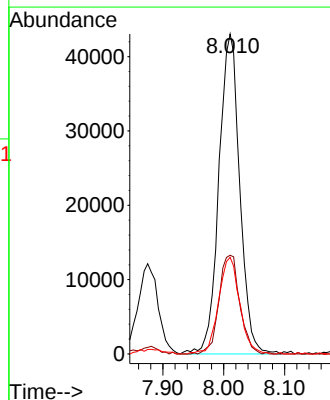
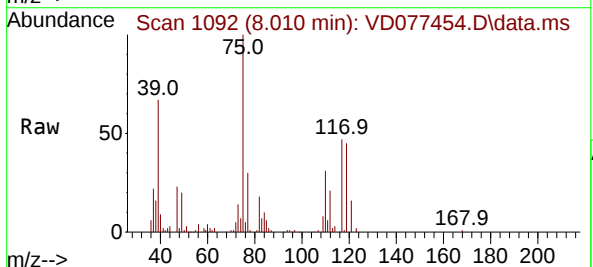
Tgt Ion: 75 Resp: 102441

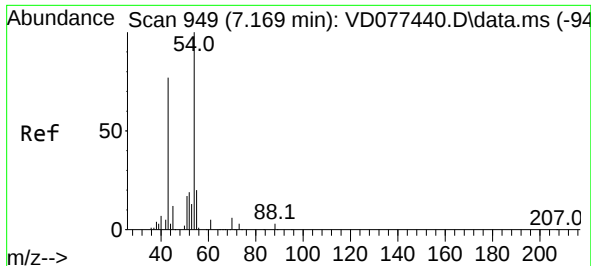
Ion Ratio Lower Upper

75 100

110 30.8 19.9 59.6

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 20.119 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD1031SBS01

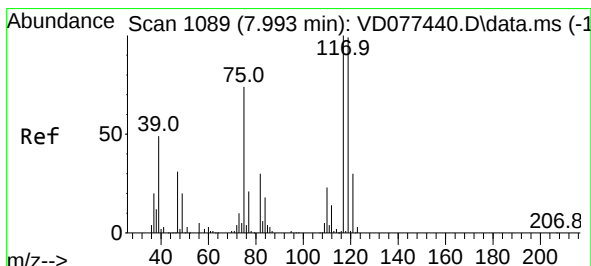
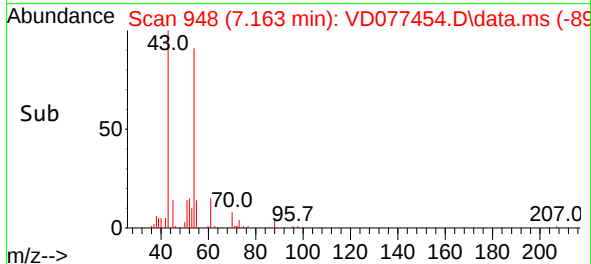
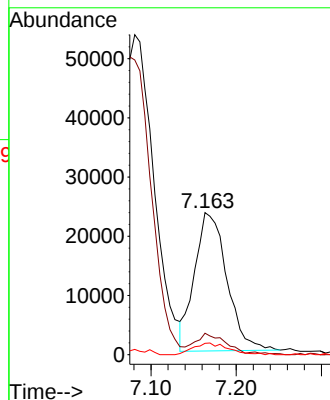
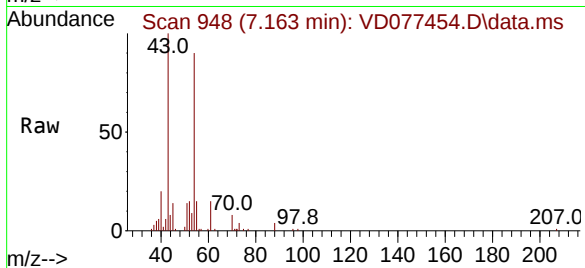
Tgt Ion: 43 Resp: 61702
 Ion Ratio Lower Upper
 43 100
 61 12.0 14.9 22.3
 70 9.2 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#38

Carbon Tetrachloride

Concen: 18.761 ug/l

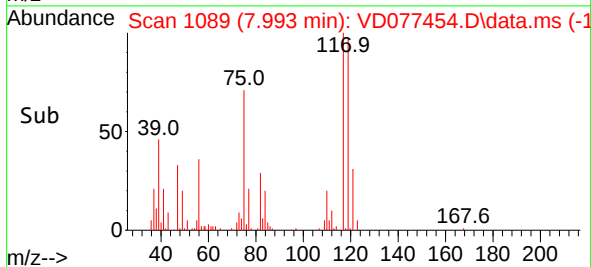
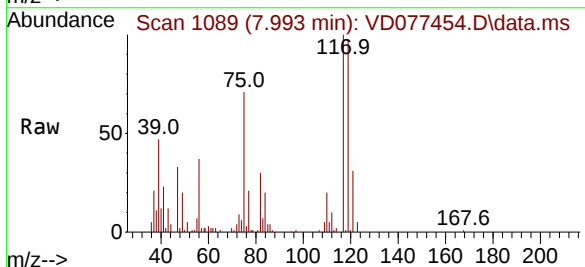
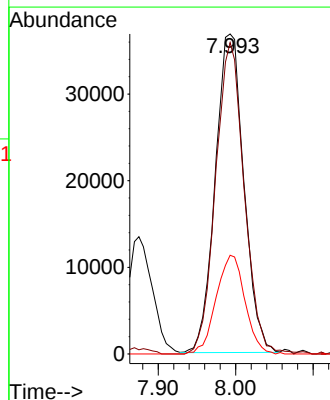
RT: 7.993 min Scan# 1089

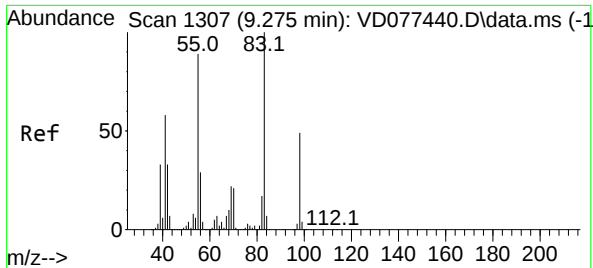
Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

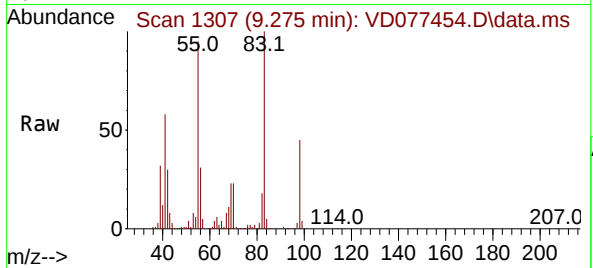
Tgt Ion:117 Resp: 94475
 Ion Ratio Lower Upper
 117 100
 119 97.8 78.0 117.0
 121 31.0 24.2 36.2





#39
Methylcyclohexane
Concen: 18.267 ug/l
RT: 9.275 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

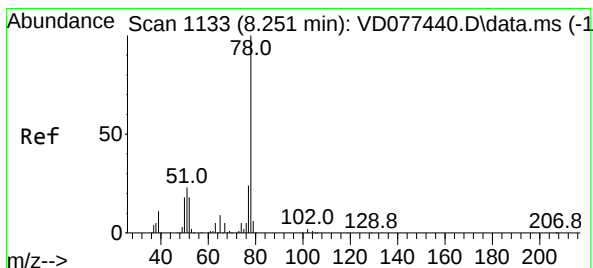
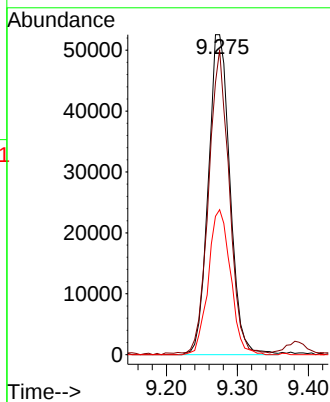
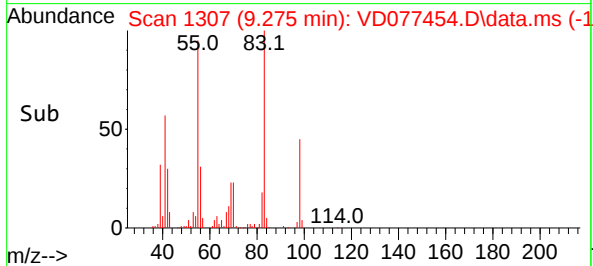
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



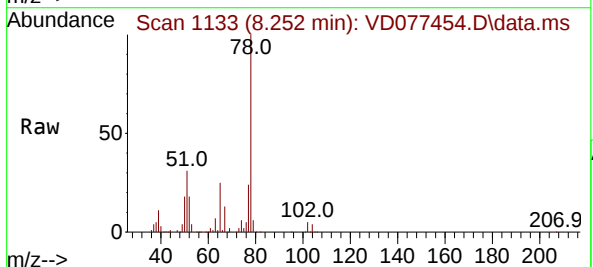
Tgt Ion: 83 Resp: 11138
Ion Ratio Lower Upper
83 100
55 94.6 49.4 74.0
98 45.3 38.4 57.6

Manual Integrations
APPROVED

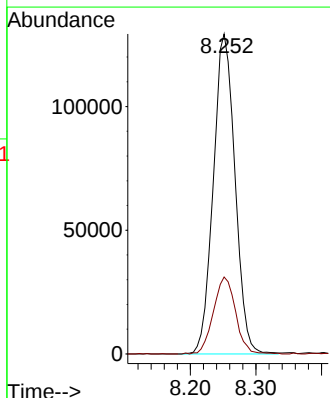
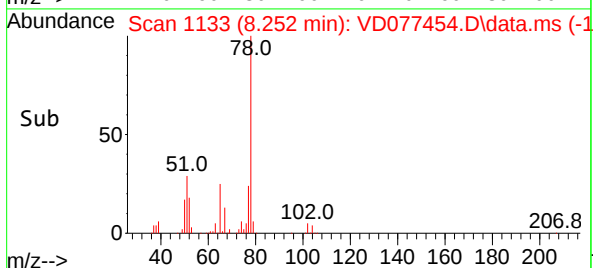
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

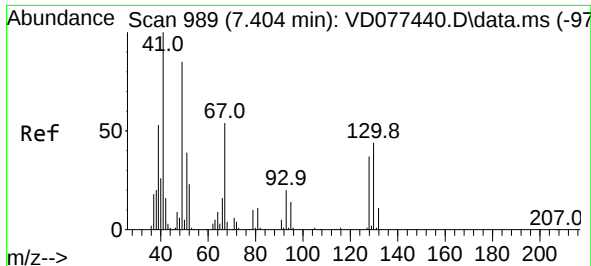


#40
Benzene
Concen: 19.481 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



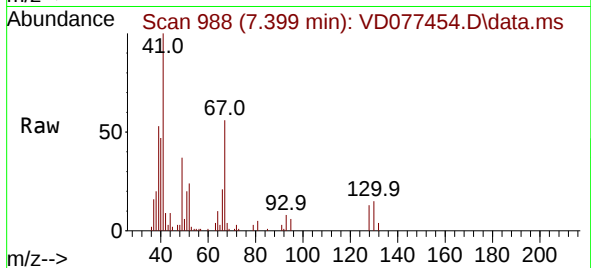
Tgt Ion: 78 Resp: 296850
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 17.979 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

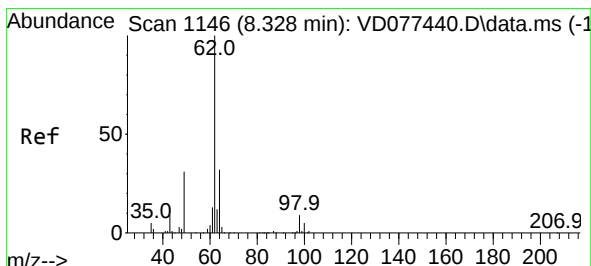
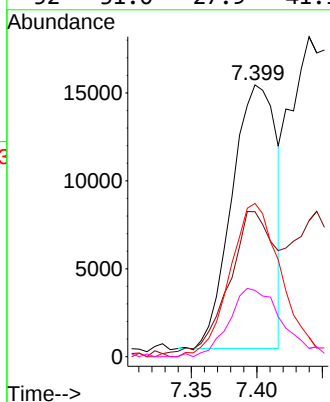
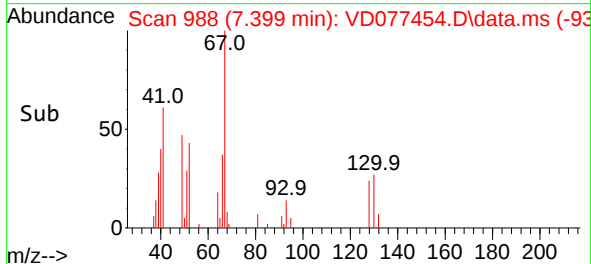
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion: 41 Resp: 3528
Ion Ratio Lower Upper
41 100
39 57.5 34.0 51.0
67 68.0 77.0 115.4
52 31.0 27.9 41.9

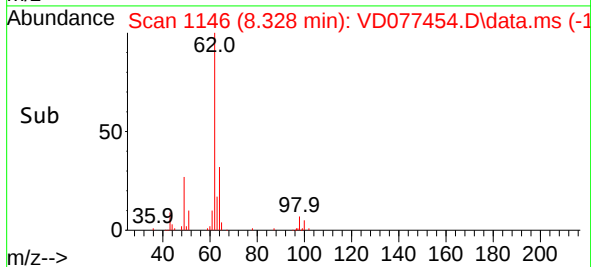
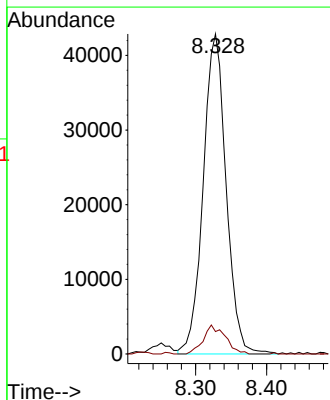
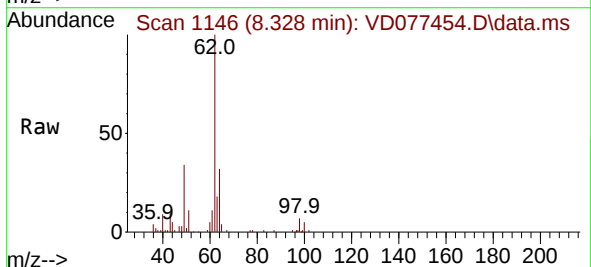
Manual Integrations
APPROVED

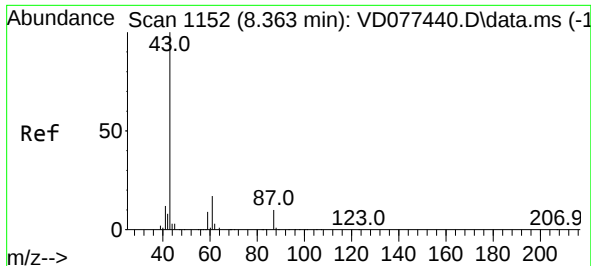
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#42
1,2-Dichloroethane
Concen: 19.924 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

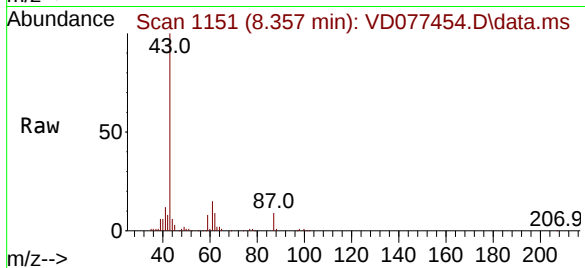
Tgt Ion: 62 Resp: 96159
Ion Ratio Lower Upper
62 100
98 8.6 0.0 25.4





#43
Isopropyl Acetate
Concen: 20.331 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

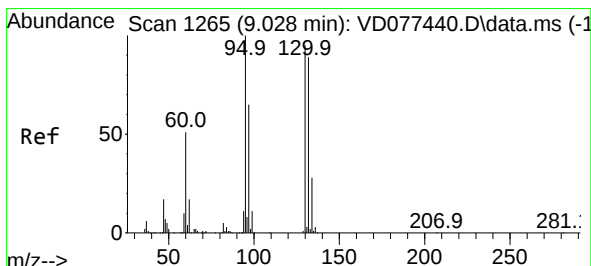
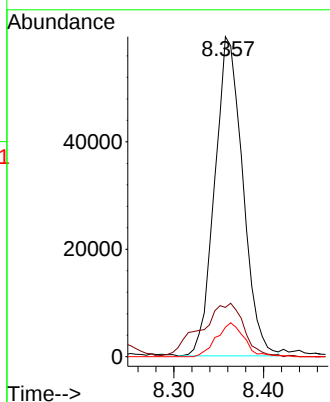
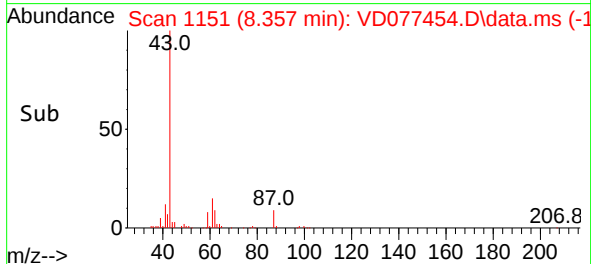
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



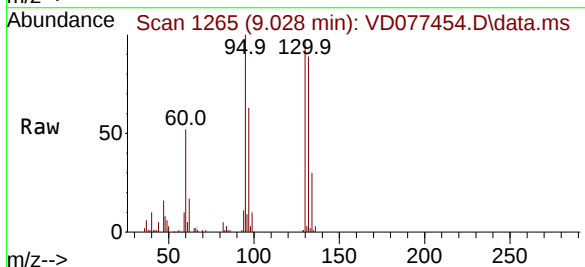
Tgt Ion: 43 Resp: 12866
Ion Ratio Lower Upper
43 100
61 25.8 31.4 47.0
87 10.6 14.9 22.3

Manual Integrations
APPROVED

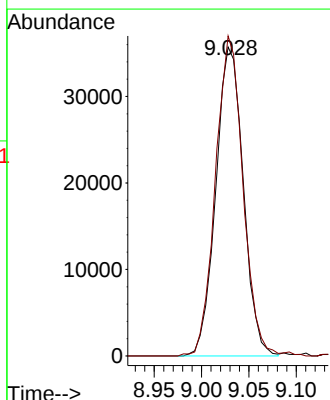
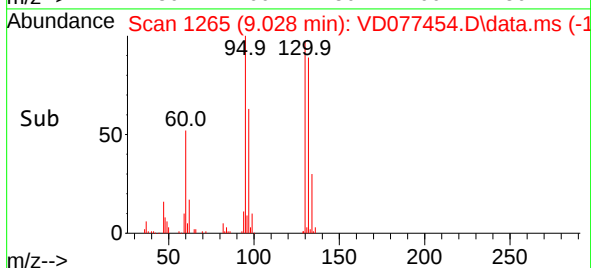
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

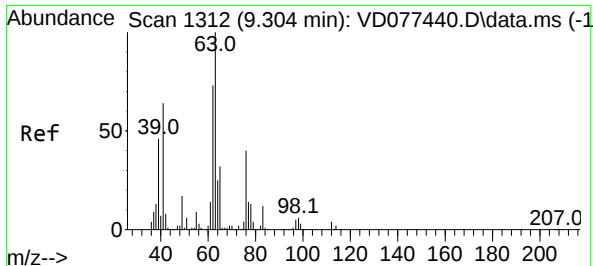


#44
Trichloroethene
Concen: 19.323 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion:130 Resp: 72126
Ion Ratio Lower Upper
130 100
95 103.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.400 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD1031SBS01

Tgt Ion: 63 Resp: 91518

Ion Ratio Lower Upper

63 100

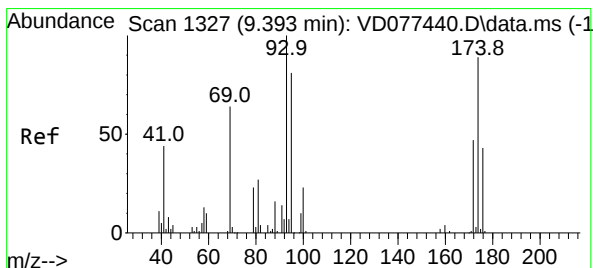
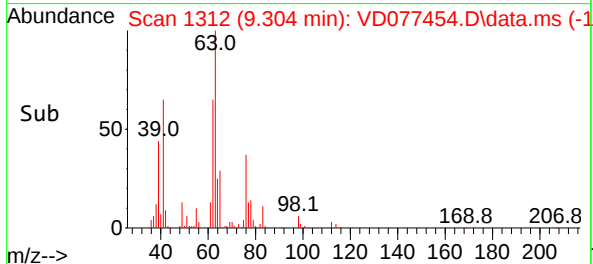
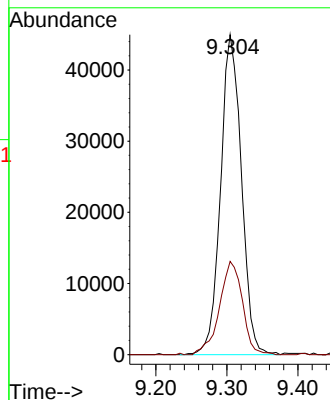
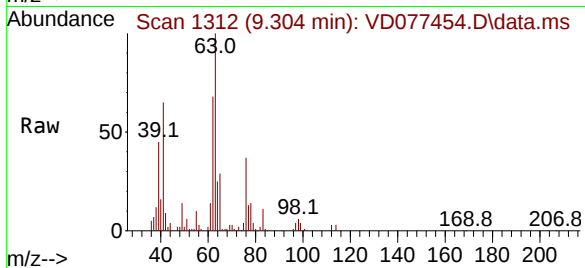
65 29.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#46

Dibromomethane

Concen: 19.003 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

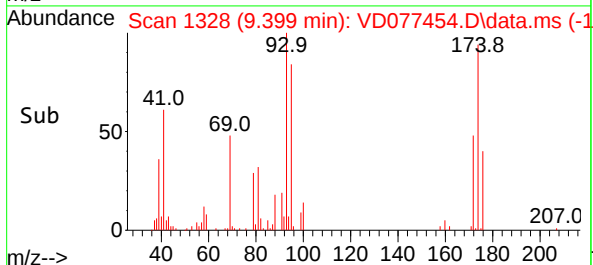
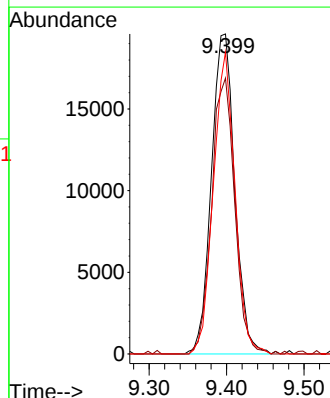
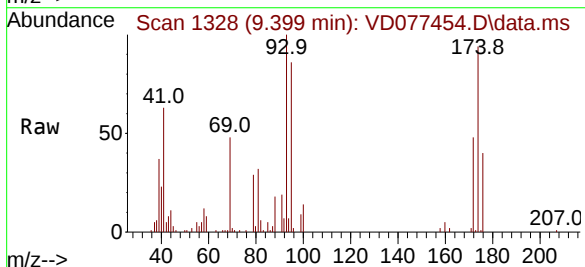
Tgt Ion: 93 Resp: 41027

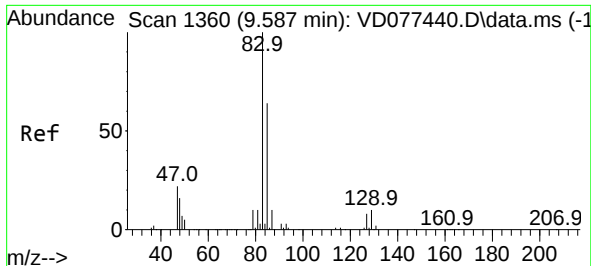
Ion Ratio Lower Upper

93 100

95 85.1 67.7 101.5

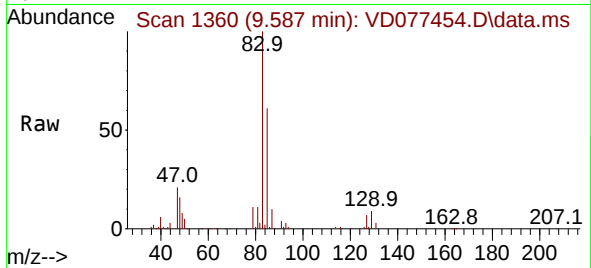
174 87.4 85.4 128.2





#47
Bromodichloromethane
Concen: 19.428 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

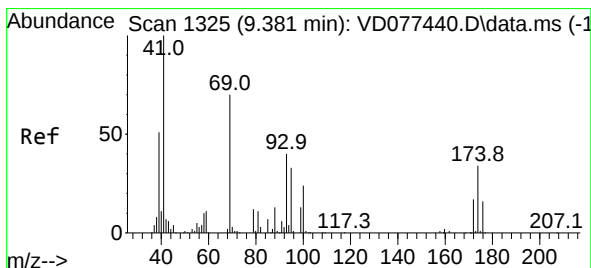
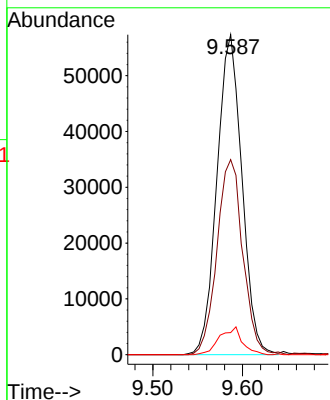
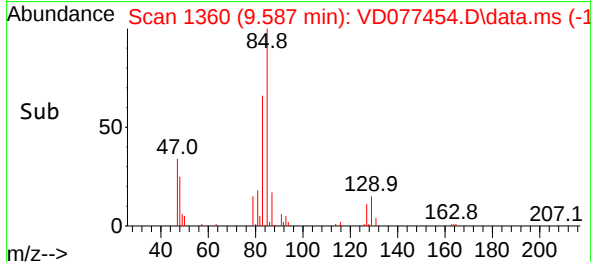
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



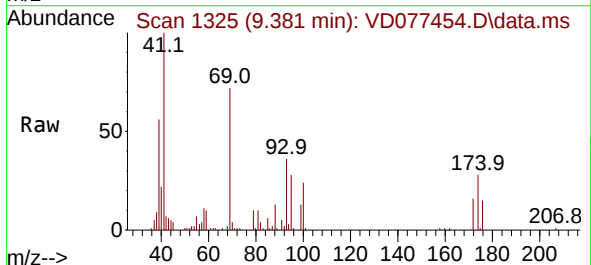
Tgt Ion: 83 Resp: 110864
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.4
127 6.9 6.3 9.5

Manual Integrations
APPROVED

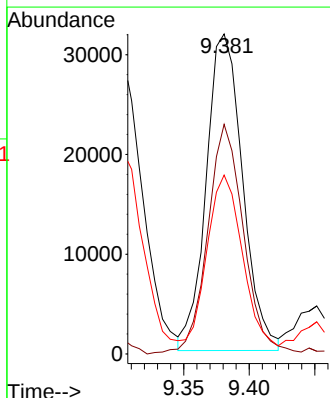
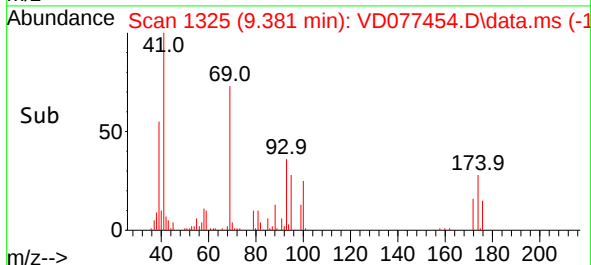
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

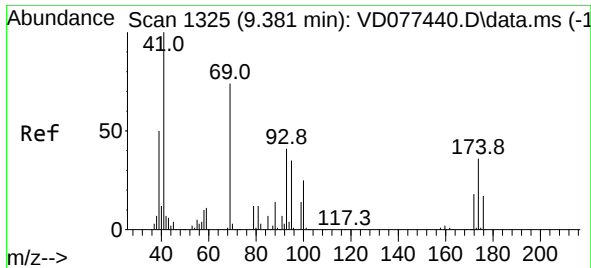


#48
Methyl methacrylate
Concen: 20.291 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion: 41 Resp: 61299
Ion Ratio Lower Upper
41 100
69 70.2 102.2 153.2#
39 56.8 41.4 62.2





#49

1,4-Dioxane

Concen: 408.513 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD1031SBS01

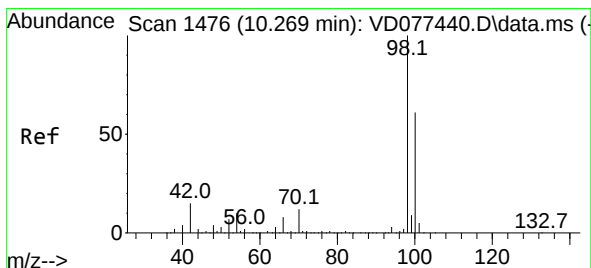
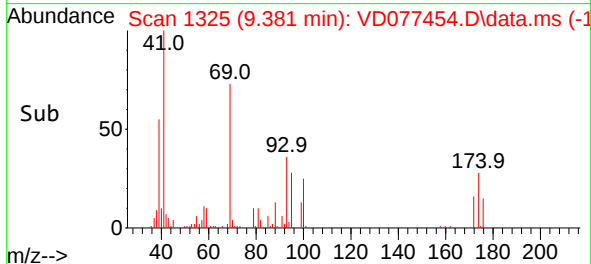
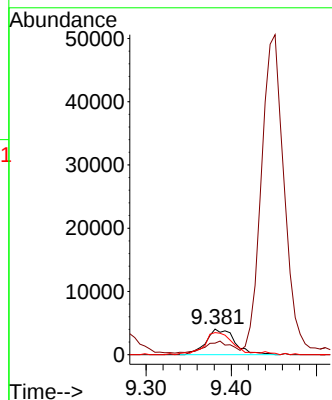
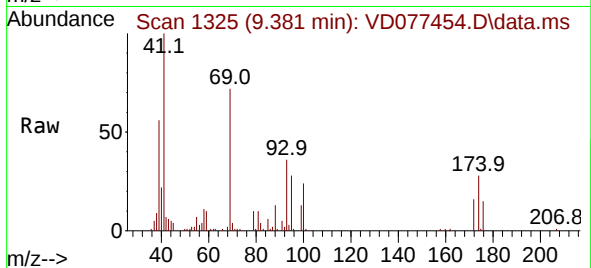
Tgt Ion:	88	Resp:	947
Ion Ratio	Lower	Upper	
88	100		
43	41.9	19.0	28.6
58	86.5	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#50

Toluene-d8

Concen: 45.099 ug/l

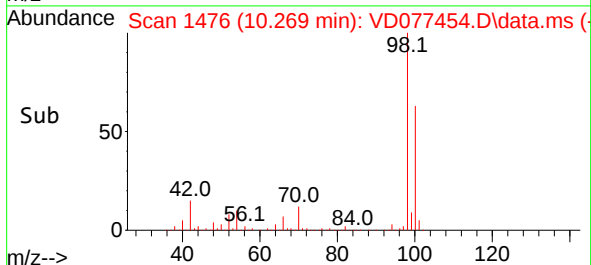
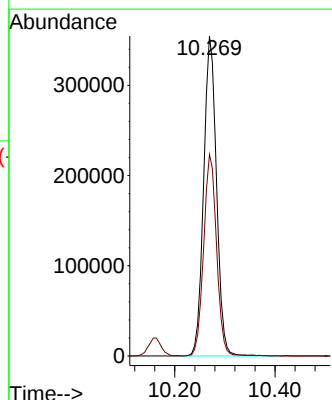
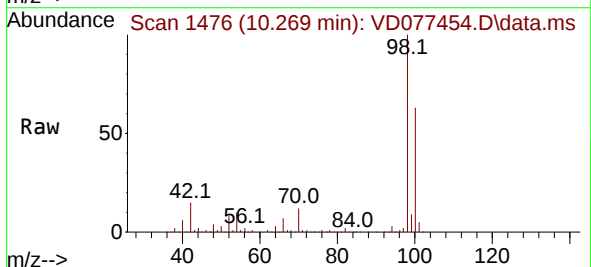
RT: 10.269 min Scan# 1476

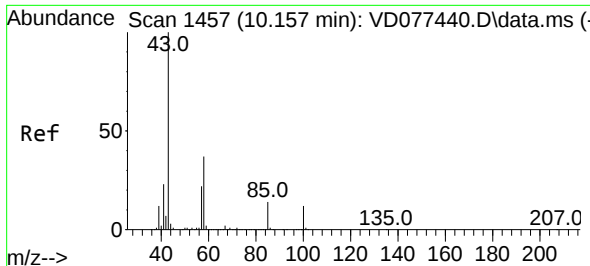
Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

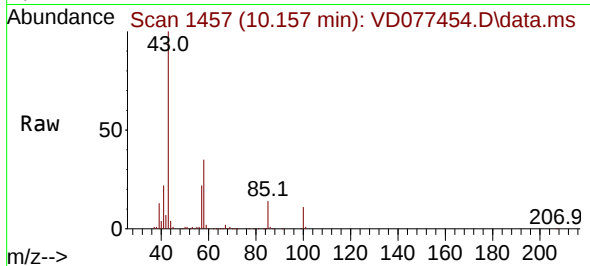
Tgt Ion:	98	Resp:	631376
Ion Ratio	Lower	Upper	
98	100		
100	63.4	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 100.347 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

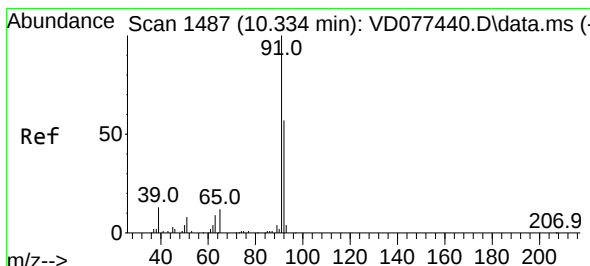
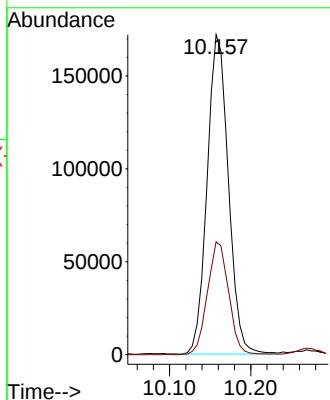
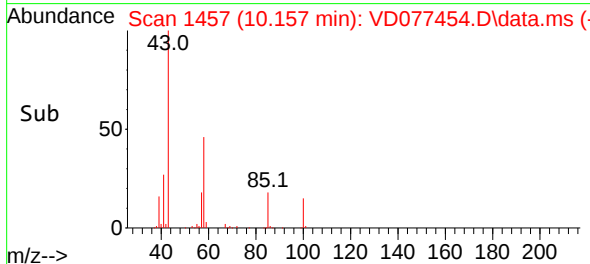
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



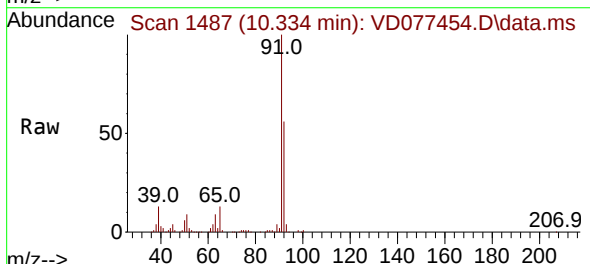
Tgt Ion: 43 Resp: 312589
Ion Ratio Lower Upper
43 100
58 35.4 38.9 58.3

Manual Integrations
APPROVED

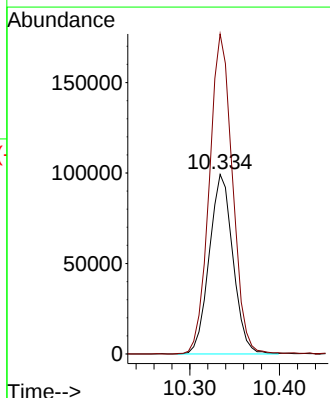
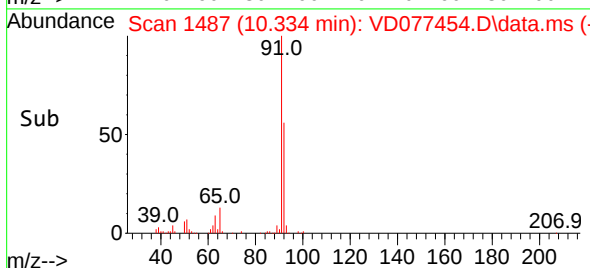
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

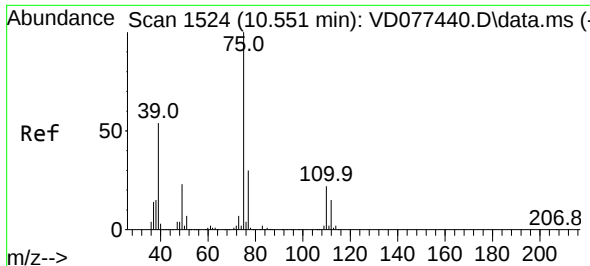


#52
Toluene
Concen: 19.581 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



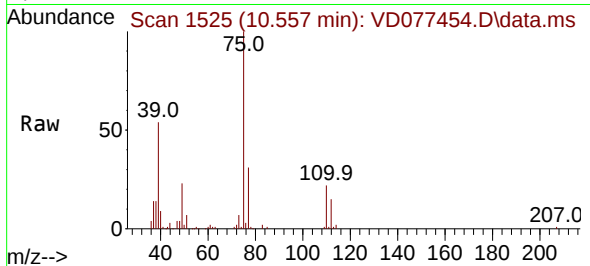
Tgt Ion: 92 Resp: 181902
Ion Ratio Lower Upper
92 100
91 174.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 19.606 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

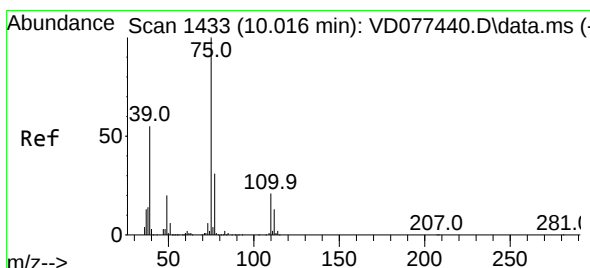
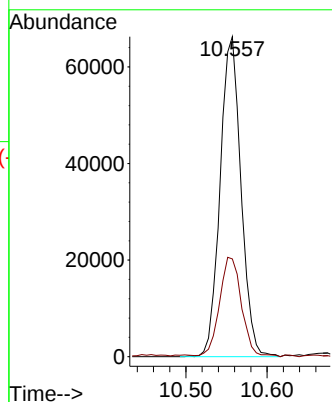
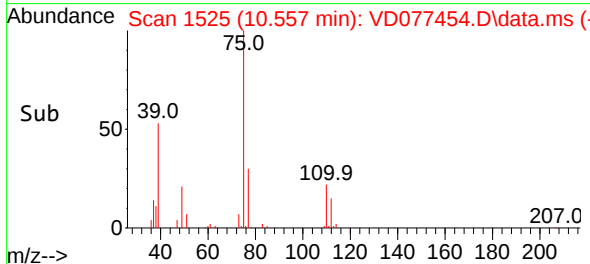
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



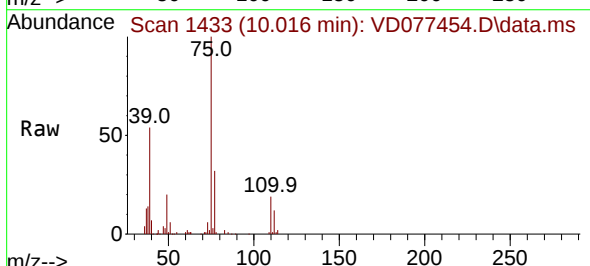
Tgt Ion: 75 Resp: 118472
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9

Manual Integrations
APPROVED

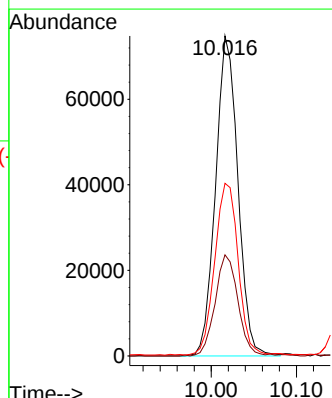
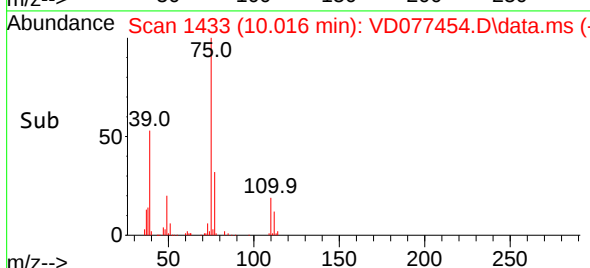
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

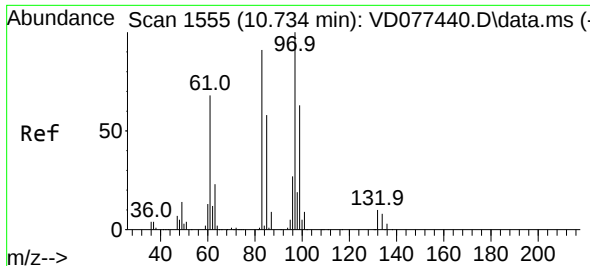


#54
cis-1,3-Dichloropropene
Concen: 19.574 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



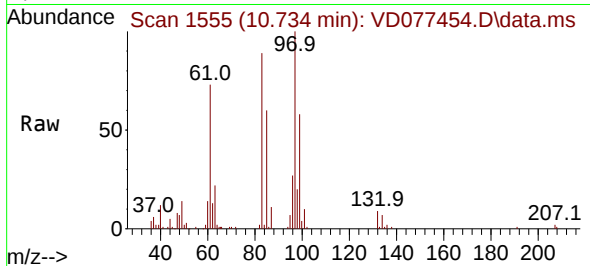
Tgt Ion: 75 Resp: 136107
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 53.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.674 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

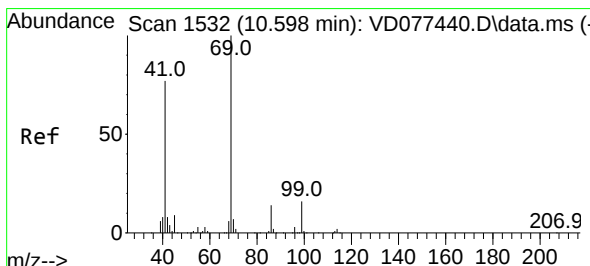
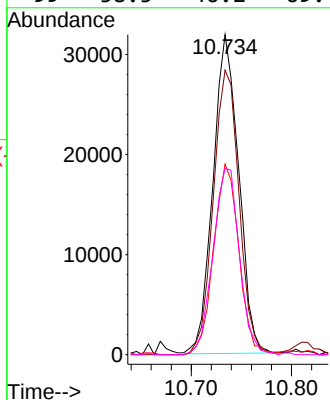
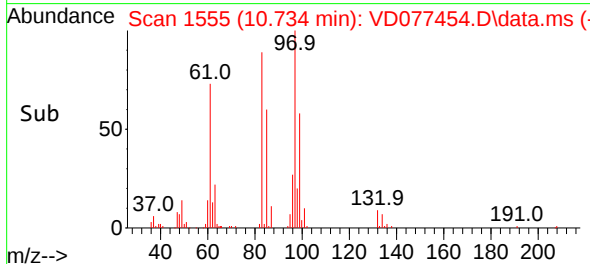
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



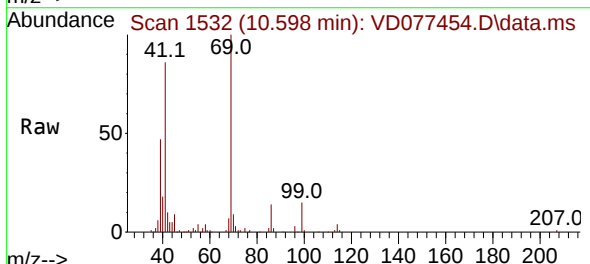
Tgt Ion:	97	Resp:	5666
Ion Ratio	Lower	Upper	
97	100		
83	89.4	65.8	98.6
85	59.8	45.7	68.5
99	58.5	46.2	69.4

Manual Integrations
APPROVED

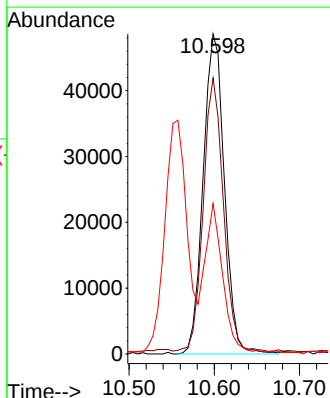
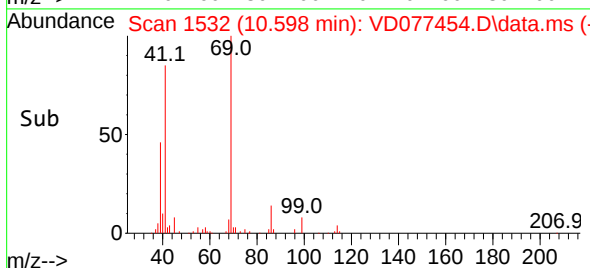
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

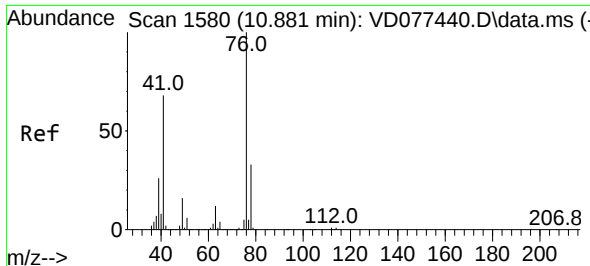


#56
Ethyl methacrylate
Concen: 19.653 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion:	69	Resp:	84167
Ion Ratio	Lower	Upper	
69	100		
41	80.4	39.1	58.7#
39	38.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.794 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD1031SBS01

Tgt Ion: 76 Resp: 106569

Ion Ratio Lower Upper

76 100

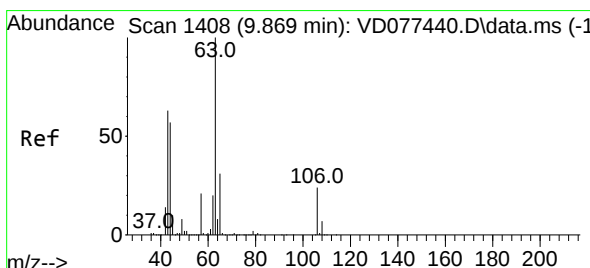
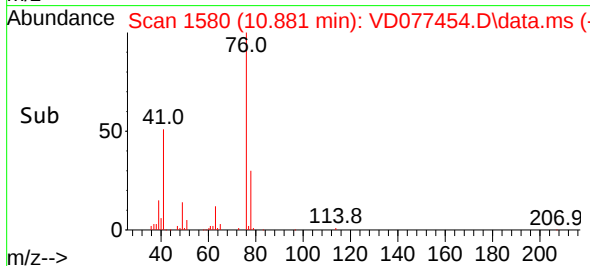
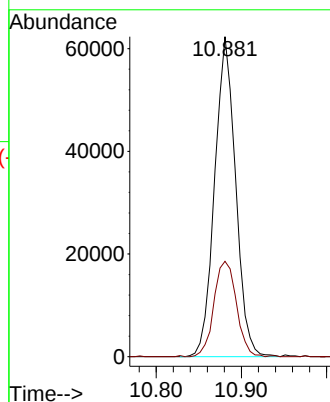
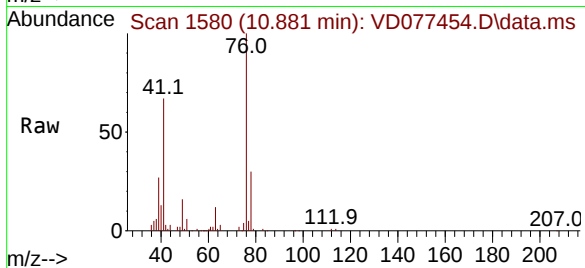
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.255 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077454.D

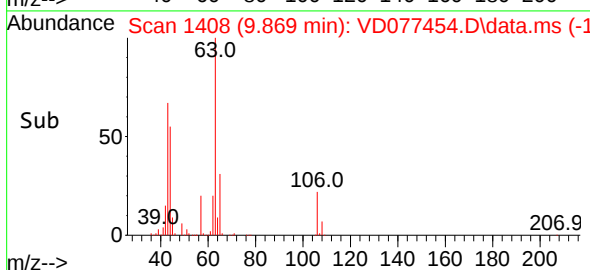
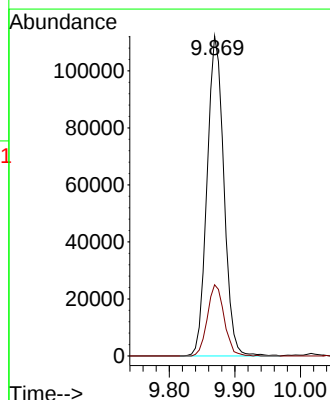
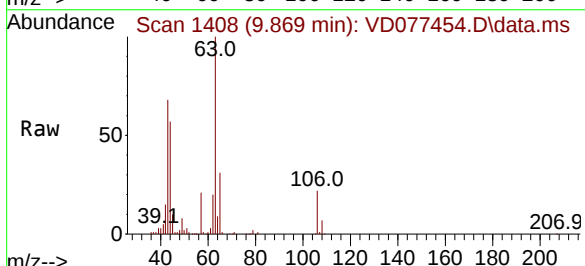
Acq: 31 Oct 2023 11:48

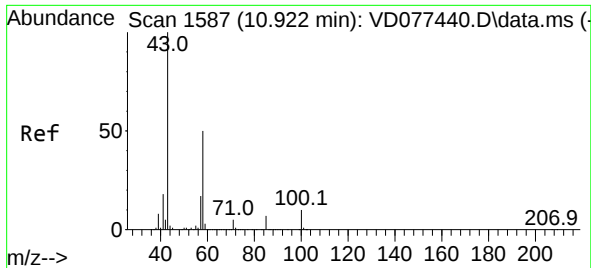
Tgt Ion: 63 Resp: 199942

Ion Ratio Lower Upper

63 100

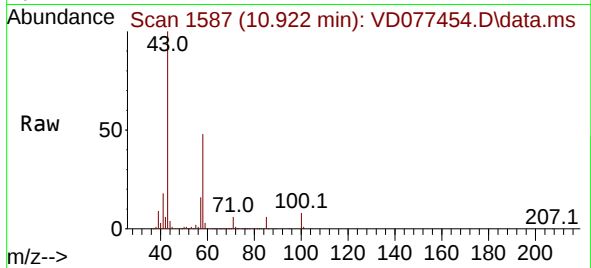
106 22.3 25.3 37.9





#59
2-Hexanone
Concen: 98.723 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

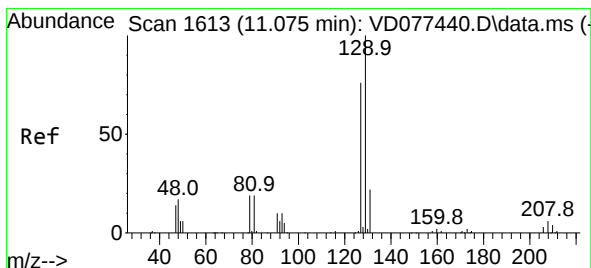
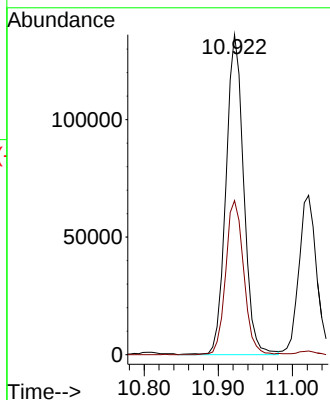
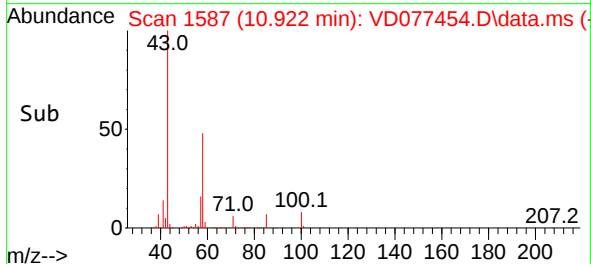
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion: 43 Resp: 226549
Ion Ratio Lower Upper
43 100
58 48.9 34.1 102.2

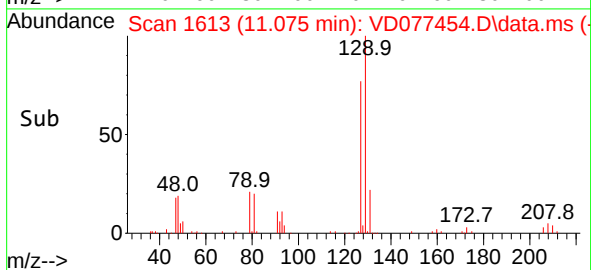
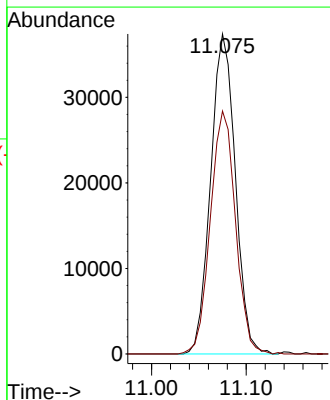
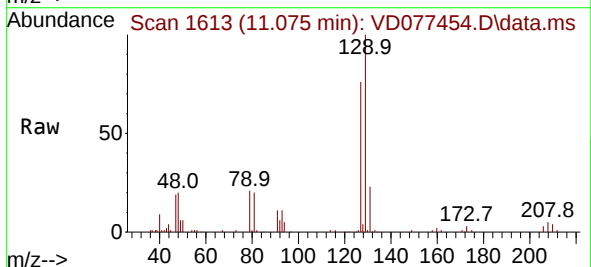
Manual Integrations
APPROVED

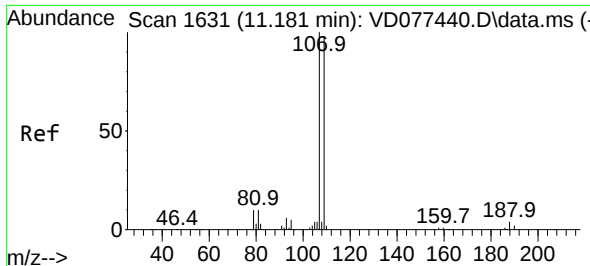
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#60
Dibromochloromethane
Concen: 19.545 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

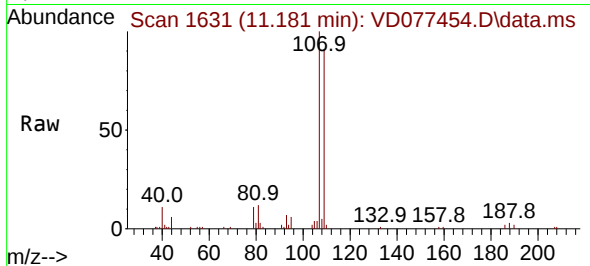
Tgt Ion:129 Resp: 67696
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.221 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

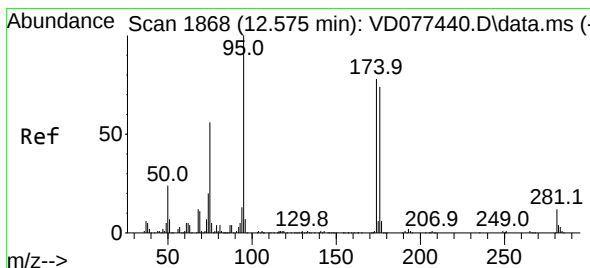
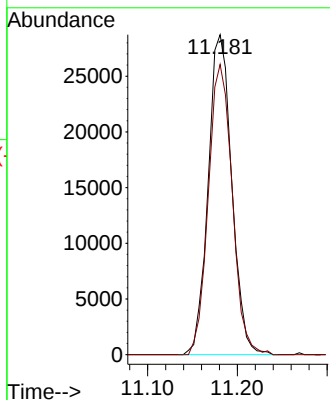
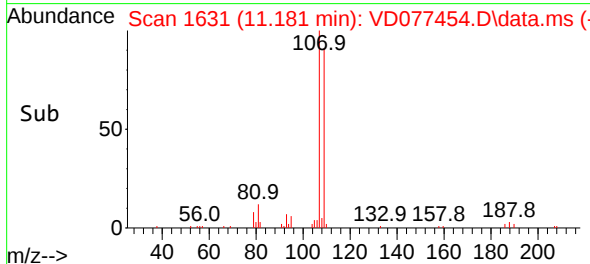
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



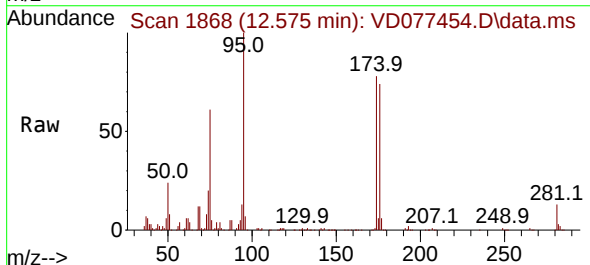
Tgt Ion:107 Resp: 52429
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4

Manual Integrations
APPROVED

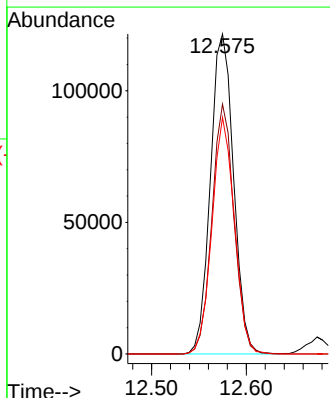
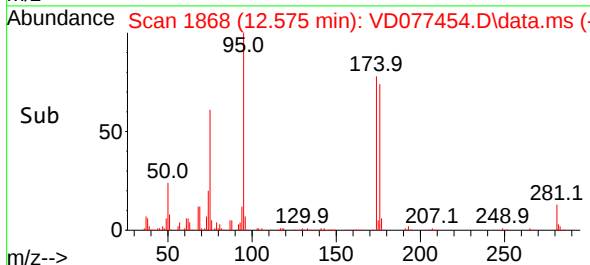
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

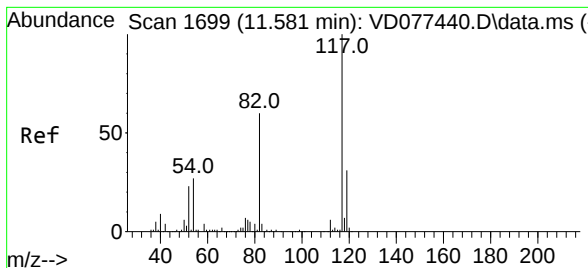


#62
4-Bromofluorobenzene
Concen: 43.728 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



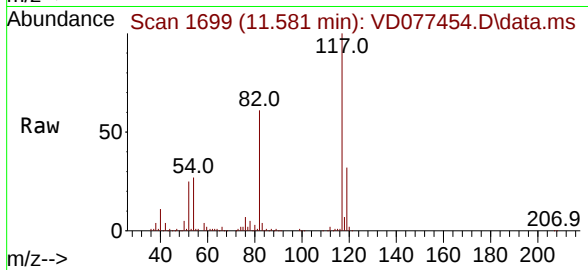
Tgt Ion: 95 Resp: 206189
Ion Ratio Lower Upper
95 100
174 74.6 0.0 201.8
176 71.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

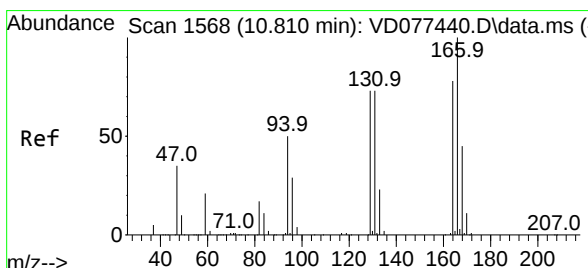
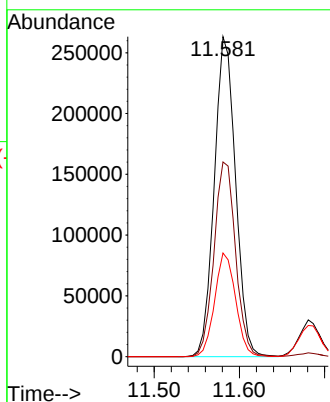
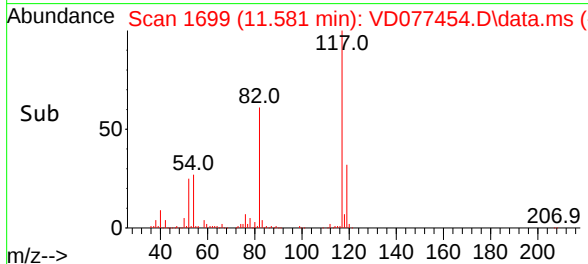
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



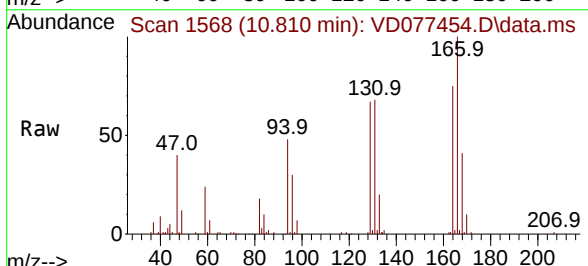
Tgt Ion:117 Resp: 45712
Ion Ratio Lower Upper
117 100
82 60.9 38.3 57.5
119 32.4 25.0 37.4

Manual Integrations
APPROVED

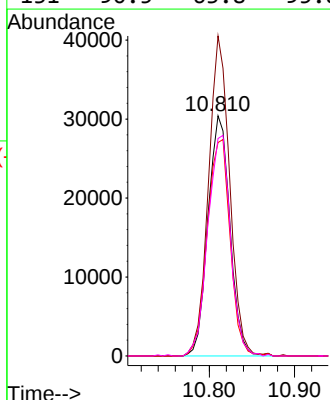
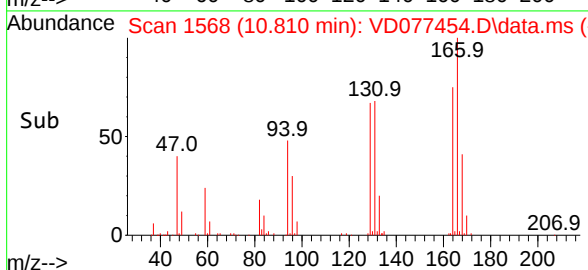
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

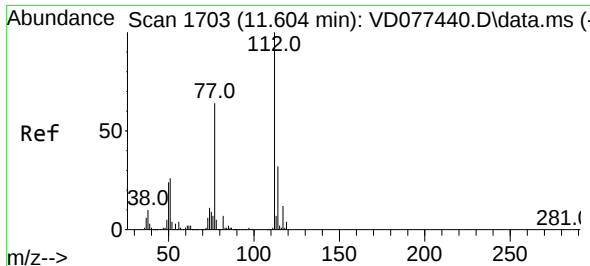


#64
Tetrachloroethene
Concen: 18.690 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



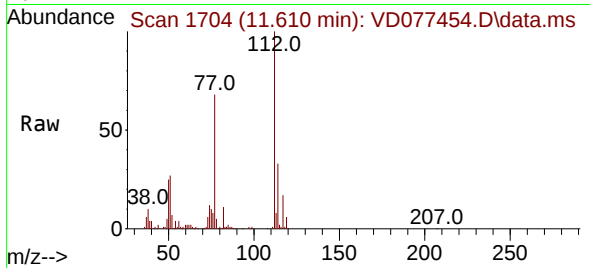
Tgt Ion:164 Resp: 54393
Ion Ratio Lower Upper
164 100
166 133.2 99.2 148.8
129 88.9 68.4 102.6
131 90.5 63.8 95.8





#65
Chlorobenzene
Concen: 19.585 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

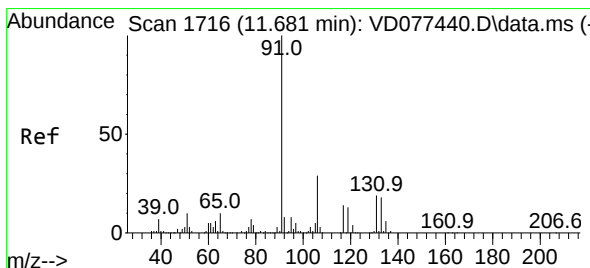
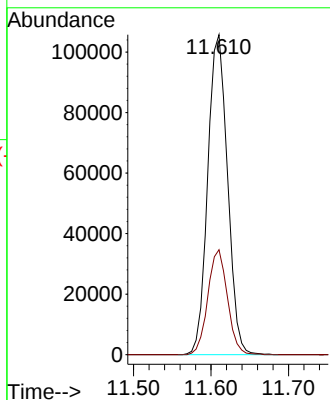
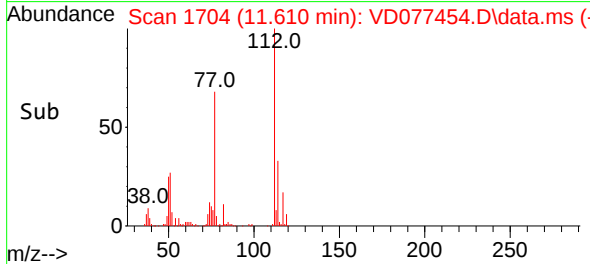
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



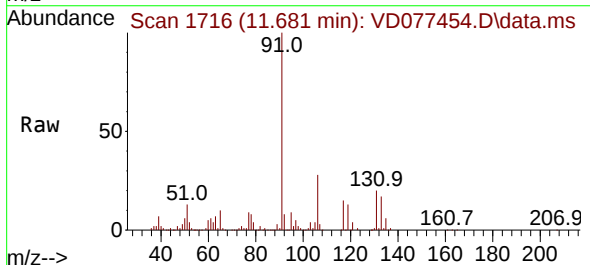
Tgt Ion:112 Resp: 187564
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7

Manual Integrations
APPROVED

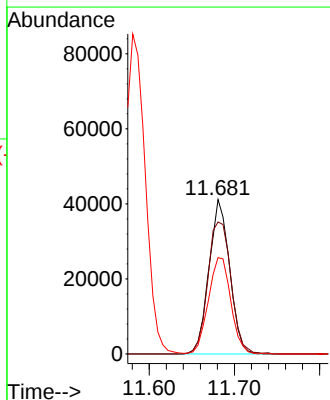
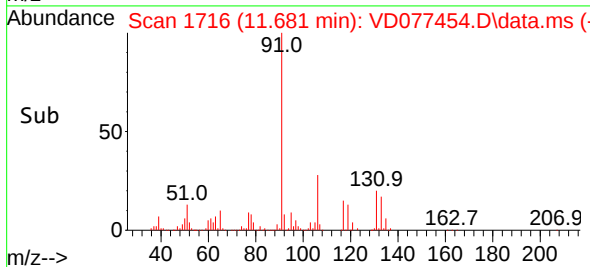
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

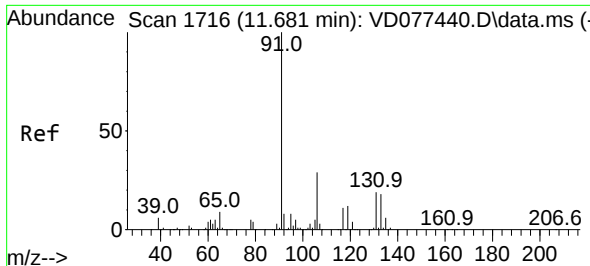


#66
1,1,1,2-Tetrachloroethane
Concen: 19.152 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion:131 Resp: 69312
Ion Ratio Lower Upper
131 100
133 96.6 48.5 145.5
119 67.8 35.6 106.9





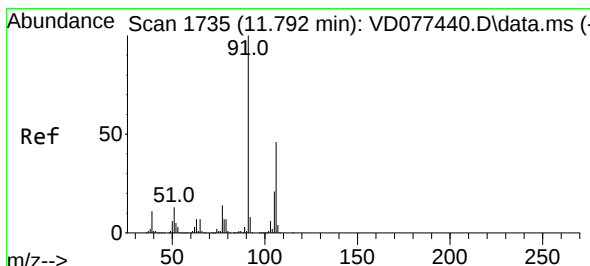
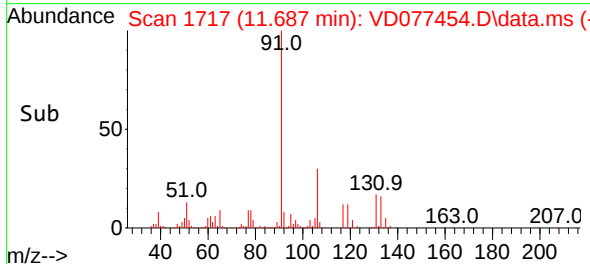
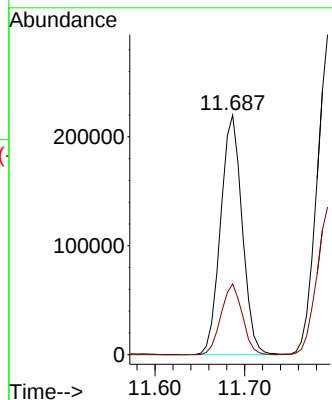
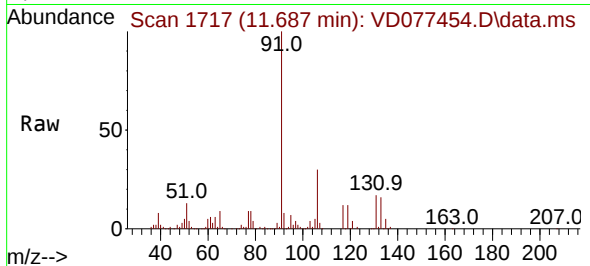
#67
Ethyl Benzene
Concen: 19.918 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion: 91 Resp: 36702
Ion Ratio Lower Upper
91 100
106 29.5 26.5 39.7

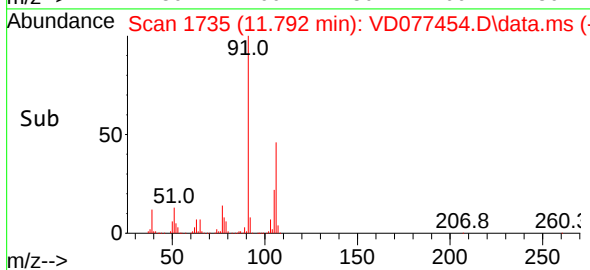
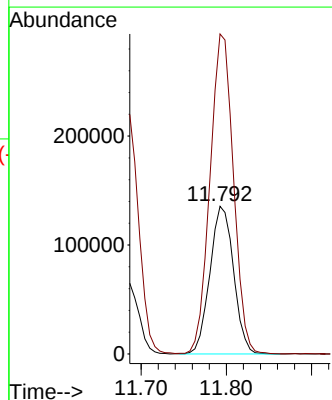
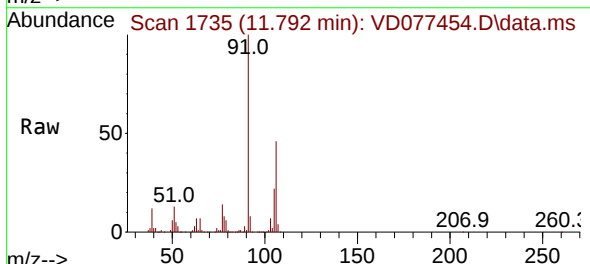
Manual Integrations
APPROVED

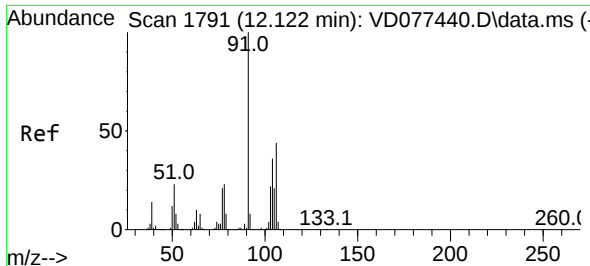
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#68
m/p-Xylenes
Concen: 39.317 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

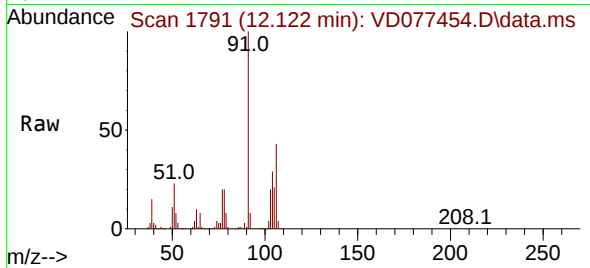
Tgt Ion:106 Resp: 261613
Ion Ratio Lower Upper
106 100
91 214.5 147.0 220.6





#69
o-Xylene
Concen: 19.752 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

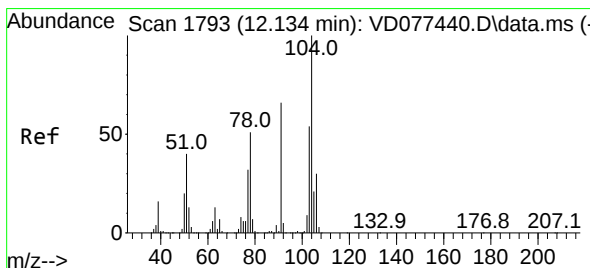
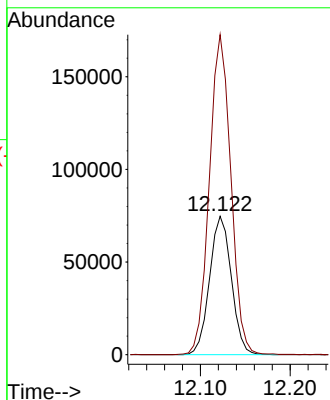
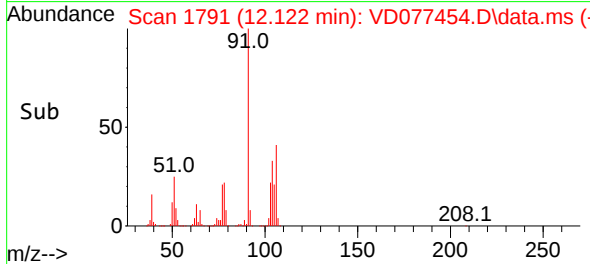
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion:106 Resp: 125890
Ion Ratio Lower Upper
106 100
91 228.9 97.9 293.6

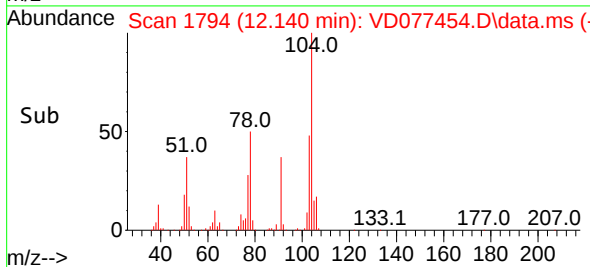
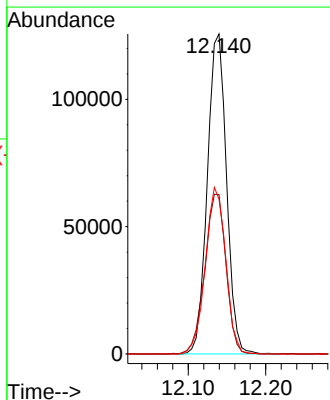
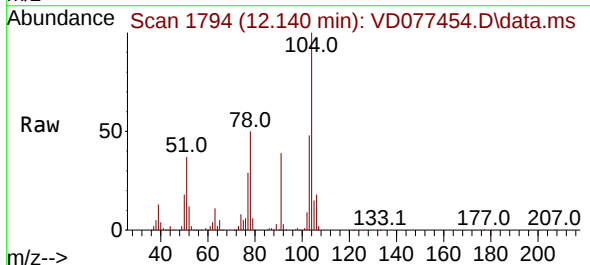
Manual Integrations
APPROVED

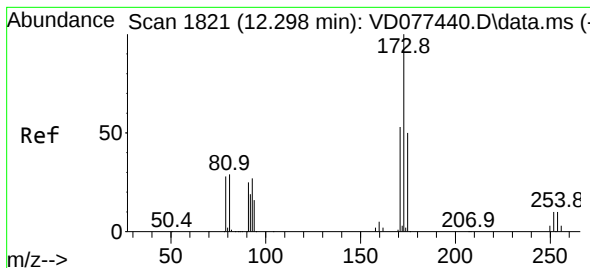
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#70
Styrene
Concen: 19.663 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

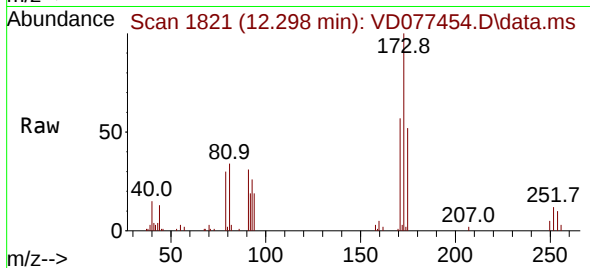
Tgt Ion:104 Resp: 216203
Ion Ratio Lower Upper
104 100
78 55.1 33.2 49.8#
103 55.5 43.6 65.4





#71
Bromoform
Concen: 19.079 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

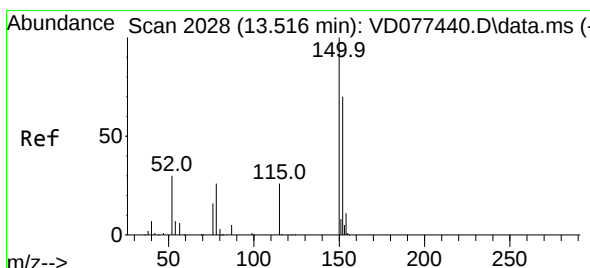
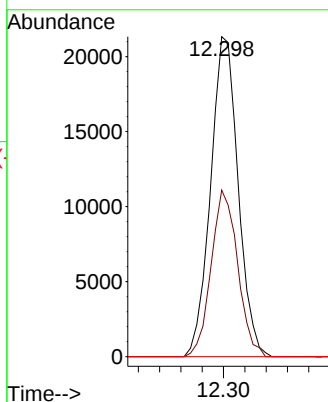
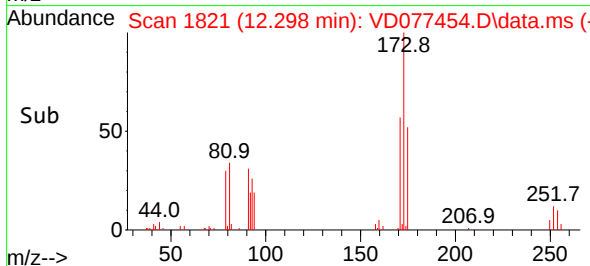
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion:173 Resp: 38280
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.0 0.0 0.0

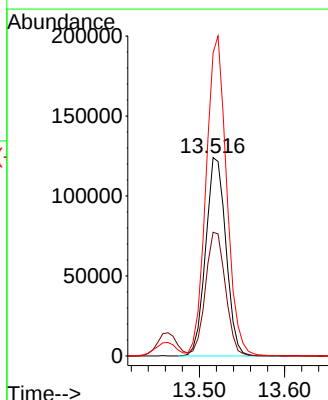
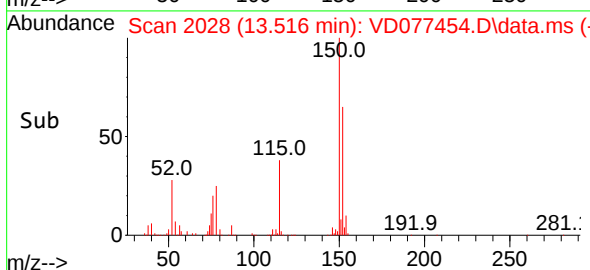
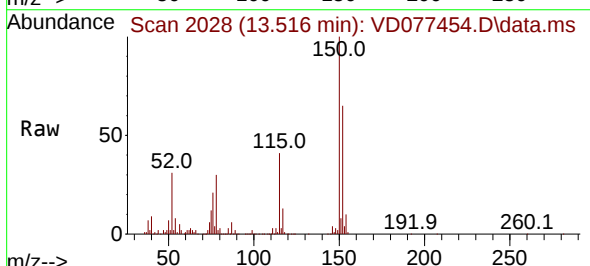
Manual Integrations
APPROVED

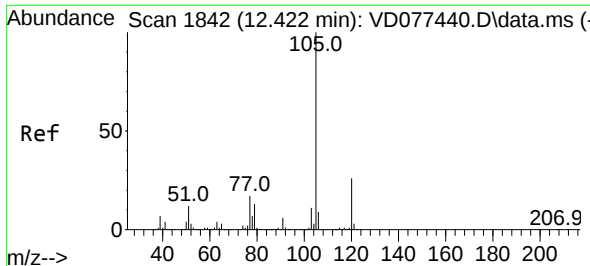
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

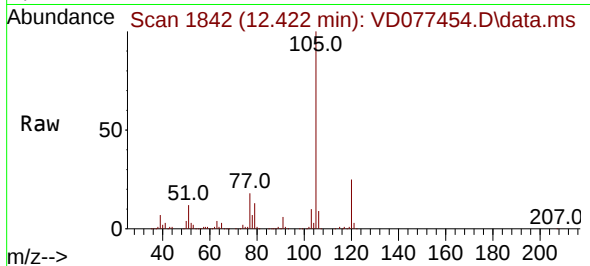
Tgt Ion:152 Resp: 205173
Ion Ratio Lower Upper
152 100
115 61.7 27.1 81.3
150 164.0 0.0 353.6





#73
Isopropylbenzene
Concen: 20.461 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

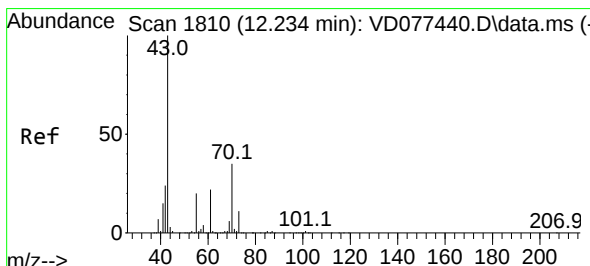
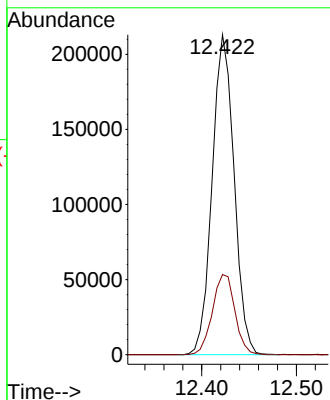
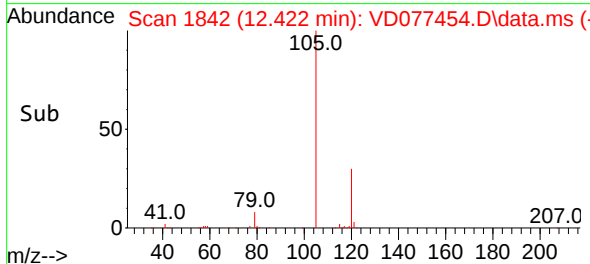
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



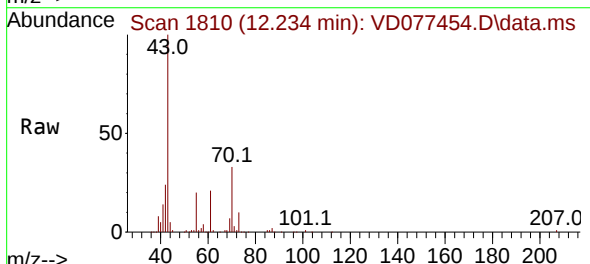
Tgt Ion:105 Resp: 34226
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

Manual Integrations
APPROVED

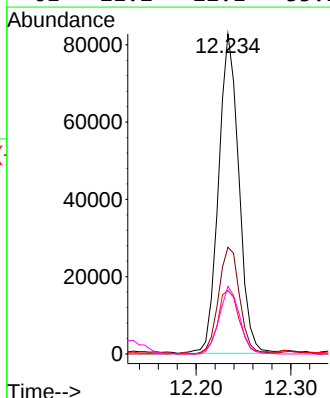
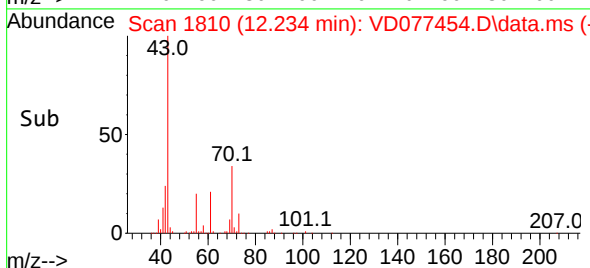
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

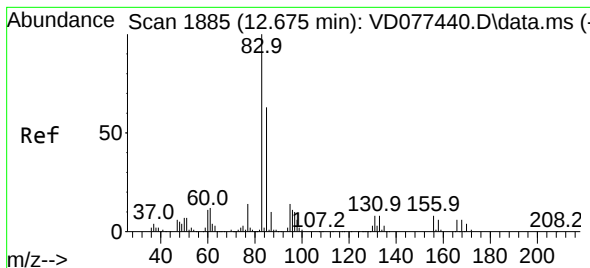


#74
N-ethyl acetate
Concen: 20.773 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



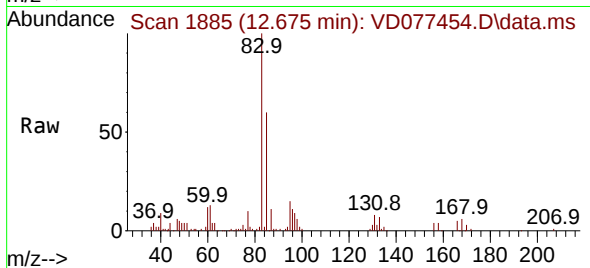
Tgt Ion: 43 Resp: 123084
Ion Ratio Lower Upper
43 100
70 34.8 45.0 67.4#
55 21.6 23.8 35.6#
61 21.2 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.468 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

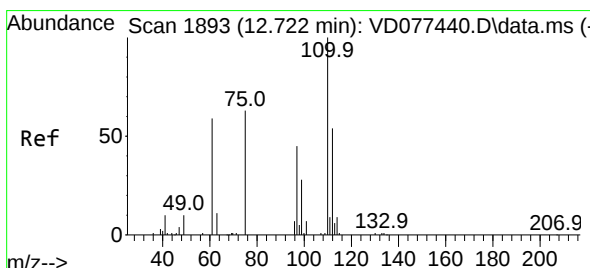
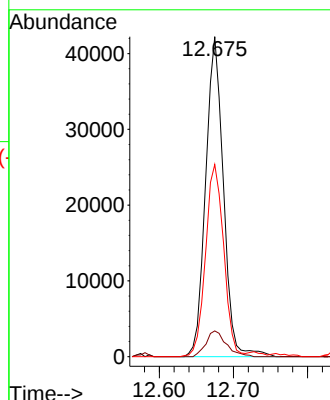
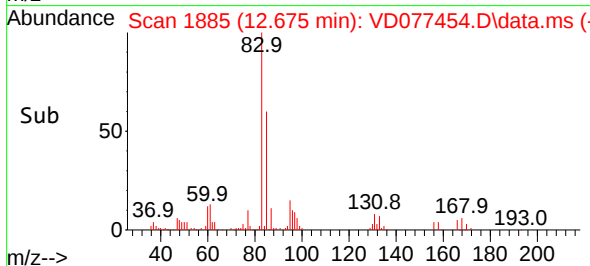
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



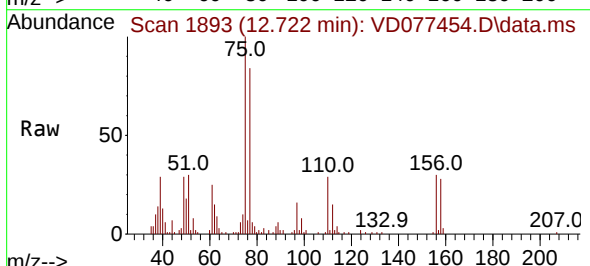
Tgt Ion: 83 Resp: 70390
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 61.3 32.6 97.8

Manual Integrations
APPROVED

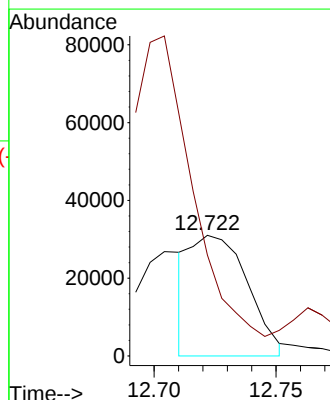
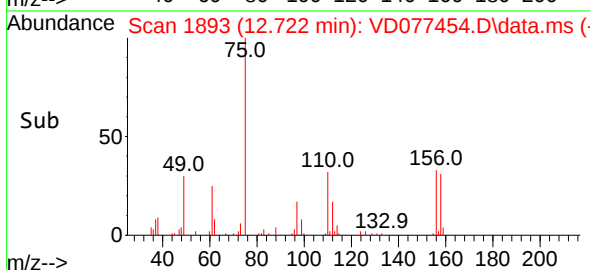
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

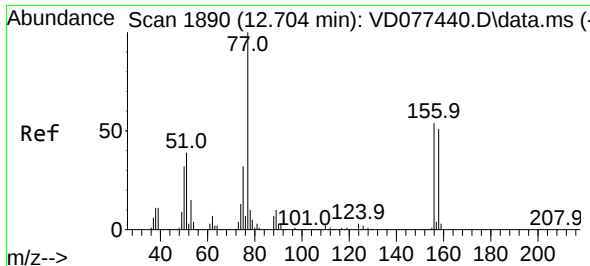


#76
1,2,3-Trichloropropane
Concen: 20.323 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



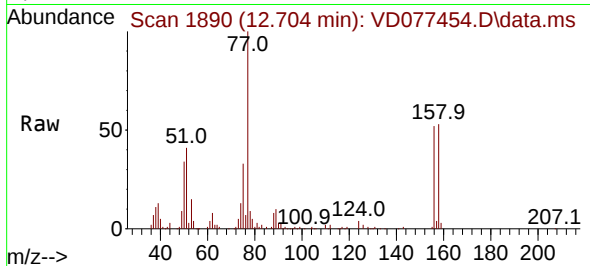
Tgt Ion: 75 Resp: 50750
Ion Ratio Lower Upper
75 100
77 310.6 0.0 0.0#





#77
Bromobenzene
Concen: 19.394 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

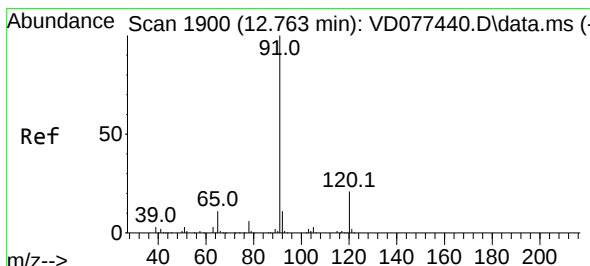
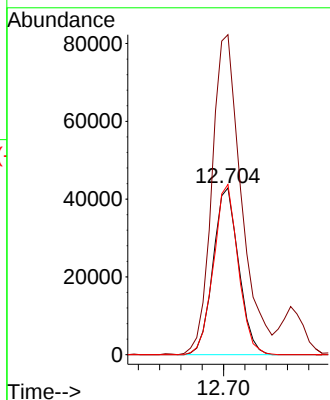
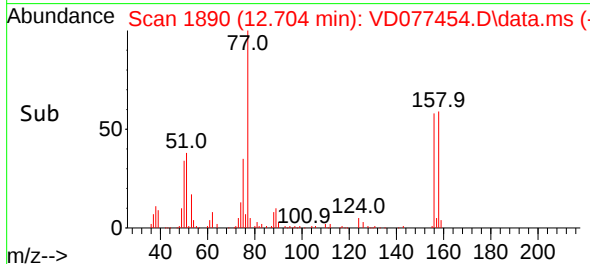
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion:156 Resp: 7141
Ion Ratio Lower Upper
156 100
77 220.7 76.8 230.4
158 98.4 48.6 145.9

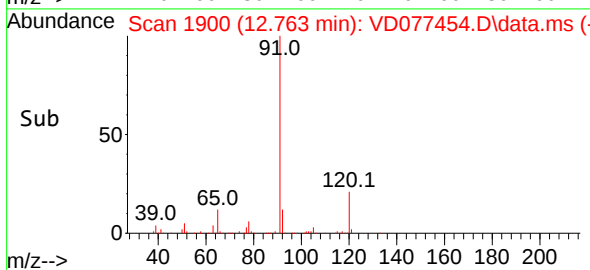
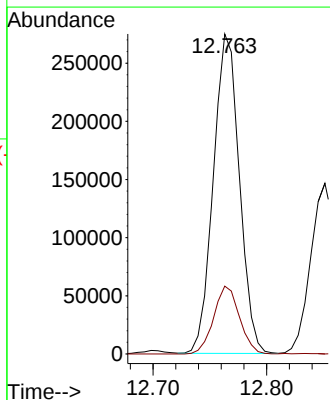
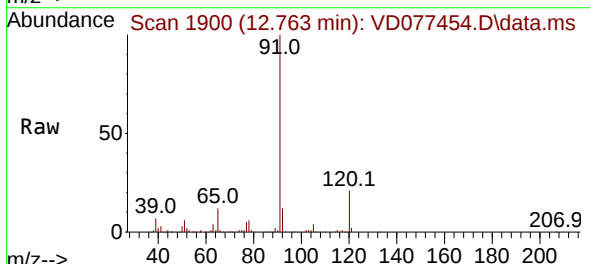
Manual Integrations
APPROVED

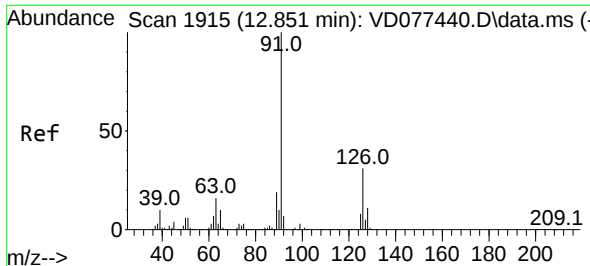
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#78
n-propylbenzene
Concen: 20.587 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 91 Resp: 437275
Ion Ratio Lower Upper
91 100
120 21.0 12.4 37.2





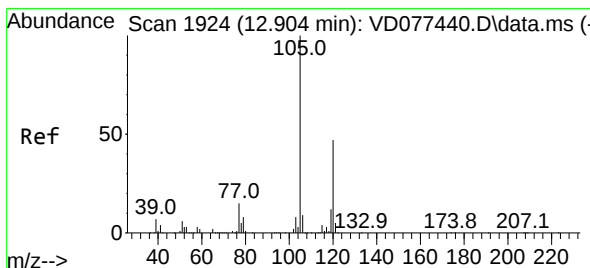
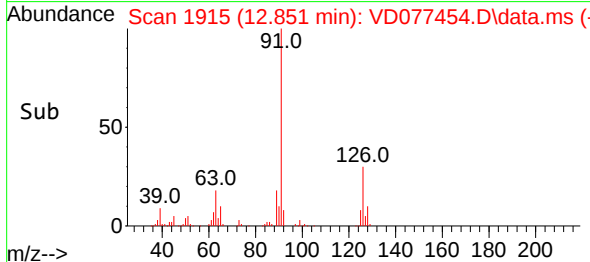
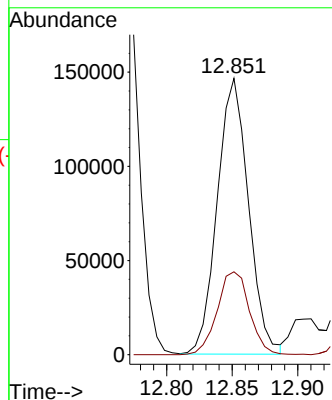
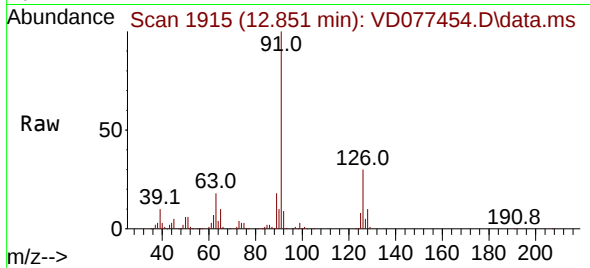
#79
2-Chlorotoluene
Concen: 20.190 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion: 91 Resp: 242809
Ion Ratio Lower Upper
91 100
126 30.9 19.4 58.1

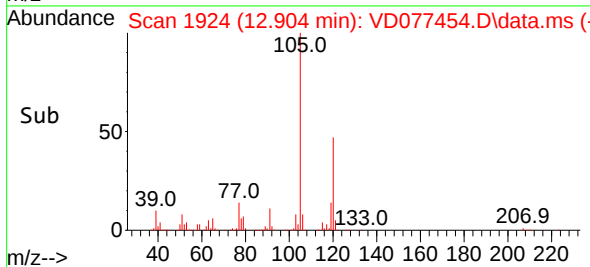
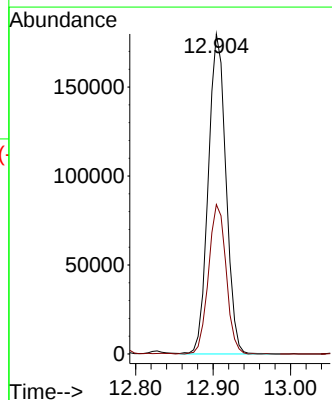
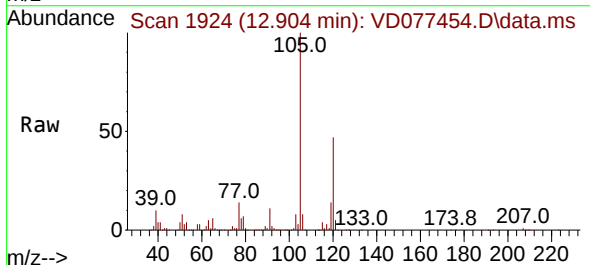
Manual Integrations
APPROVED

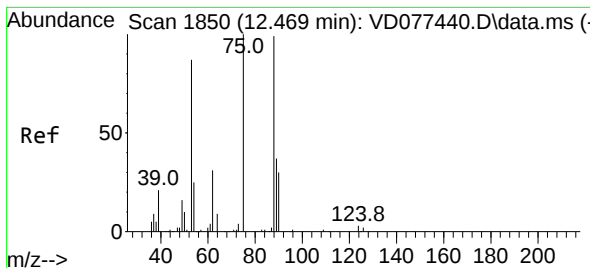
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.310 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion:105 Resp: 285079
Ion Ratio Lower Upper
105 100
120 46.5 26.4 79.2





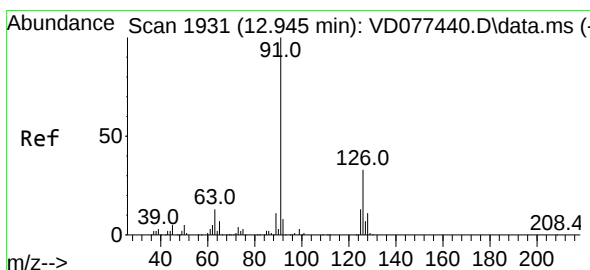
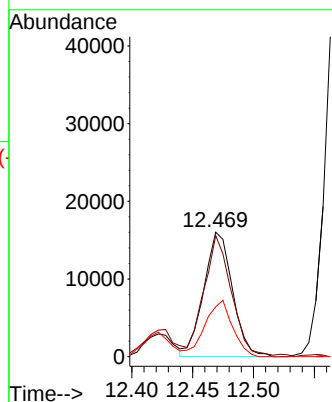
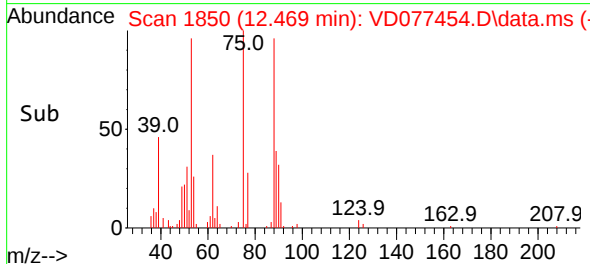
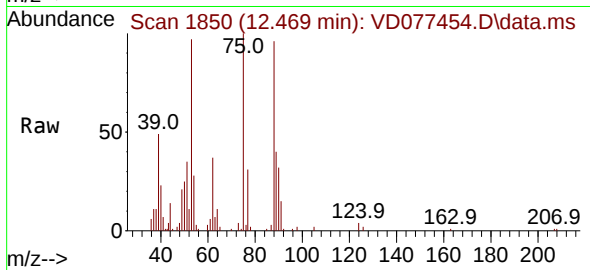
#81
trans-1,4-Dichloro-2-butene
Concen: 20.327 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion: 75 Resp: 26278
Ion Ratio Lower Upper
75 100
53 93.7 63.0 94.4
89 43.7 37.9 56.9

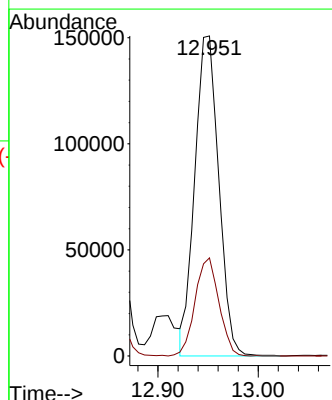
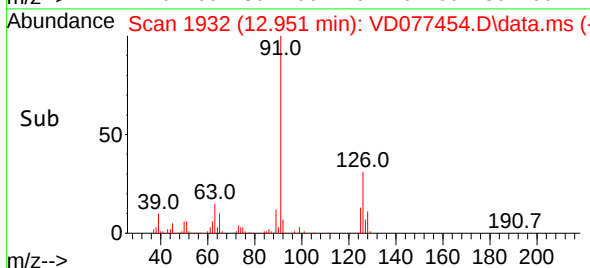
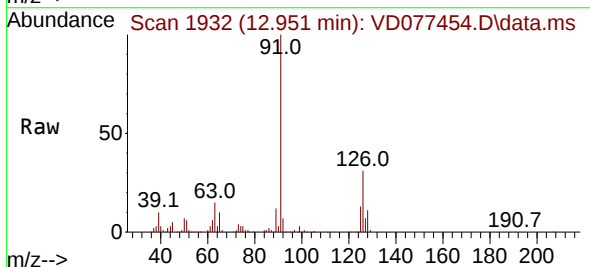
Manual Integrations
APPROVED

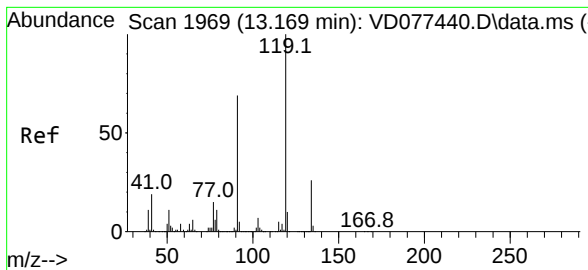
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#82
4-Chlorotoluene
Concen: 20.055 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

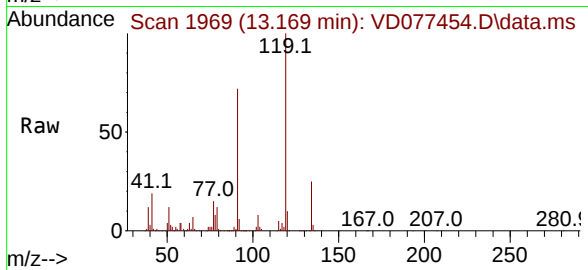
Tgt Ion: 91 Resp: 251232
Ion Ratio Lower Upper
91 100
126 30.4 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.214 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

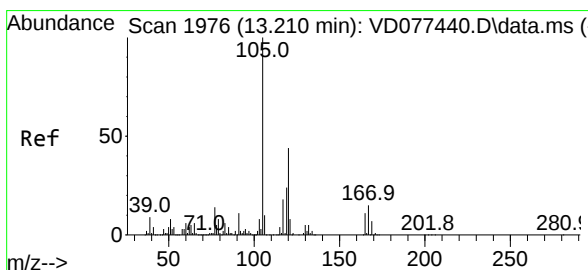
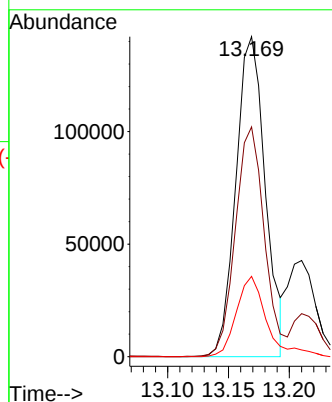
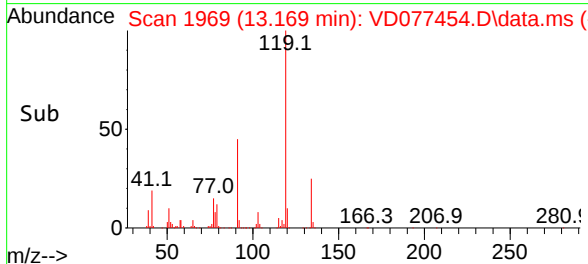
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



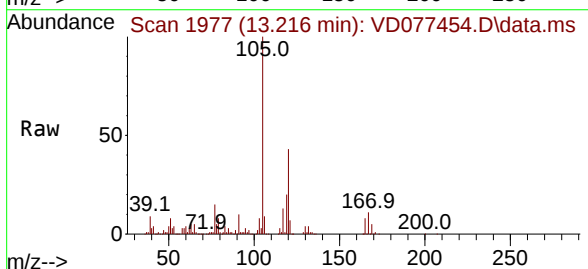
Tgt Ion:119 Resp: 23854
Ion Ratio Lower Upper
119 100
91 71.5 29.3 87.8
134 26.0 14.1 42.3

Manual Integrations
APPROVED

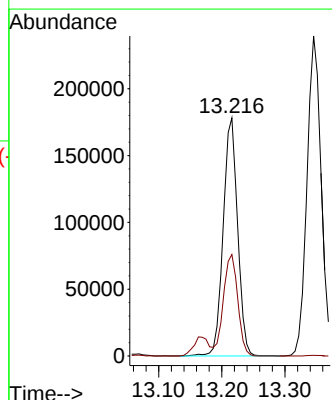
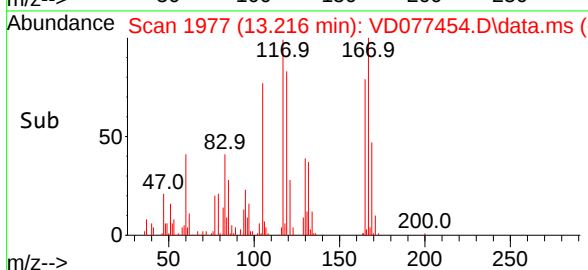
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

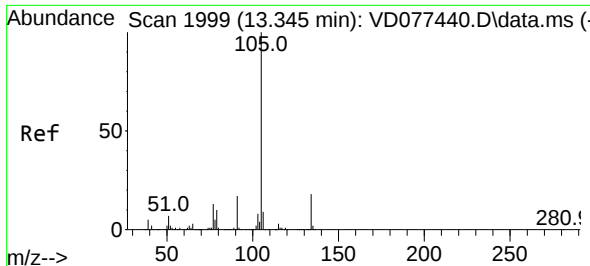


#84
1,2,4-Trimethylbenzene
Concen: 20.290 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



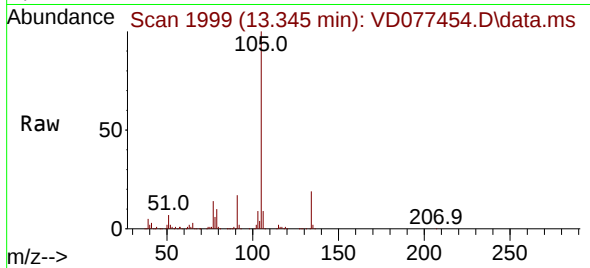
Tgt Ion:105 Resp: 282901
Ion Ratio Lower Upper
105 100
120 42.2 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.663 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

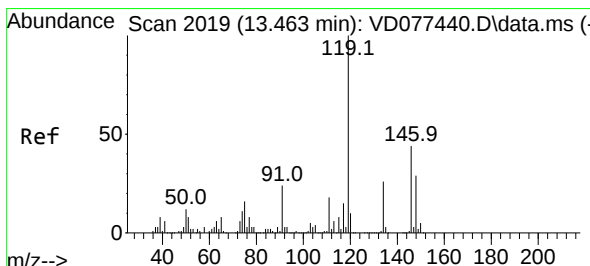
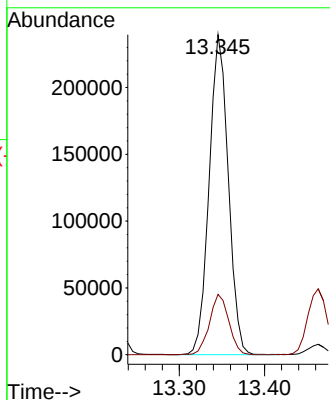
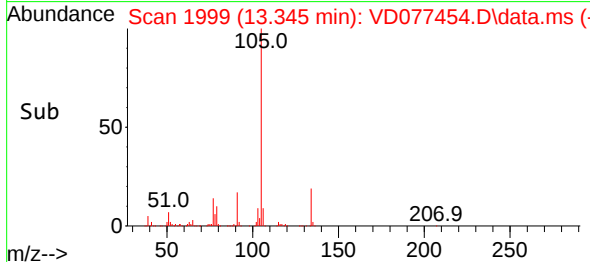
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1031SBS01



Tgt Ion:105 Resp: 373097
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.9 32.9

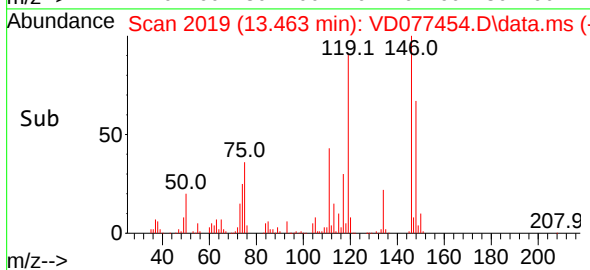
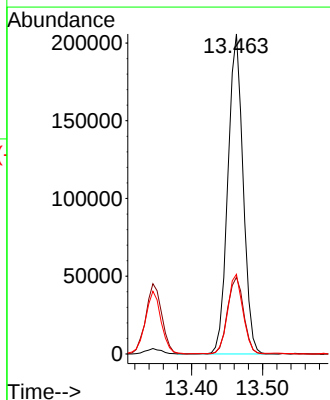
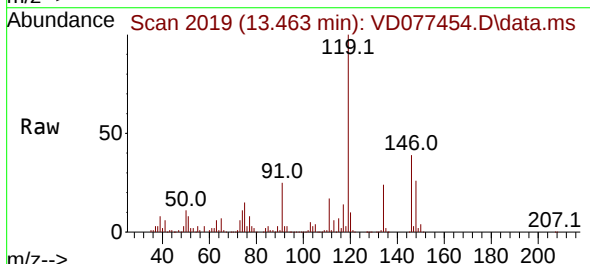
Manual Integrations
 APPROVED

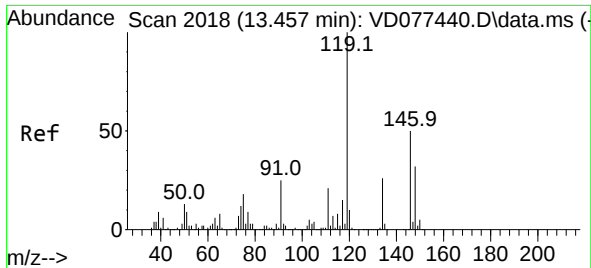
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#86
 p-Isopropyltoluene
 Concen: 20.773 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

Tgt Ion:119 Resp: 304871
 Ion Ratio Lower Upper
 119 100
 134 25.4 14.2 42.6
 91 25.2 10.5 31.5





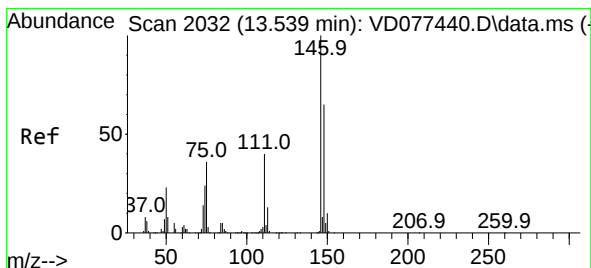
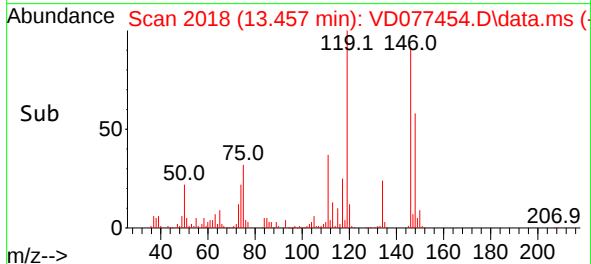
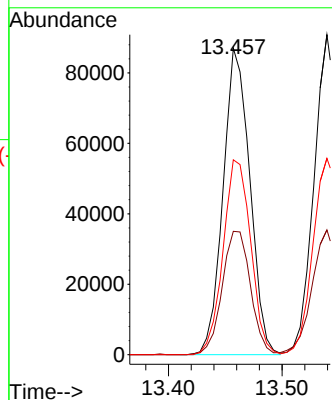
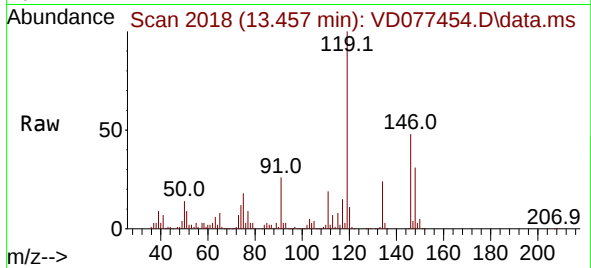
#87
1,3-Dichlorobenzene
Concen: 19.672 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion:146 Resp: 14238
Ion Ratio Lower Upper
146 100
111 42.6 17.9 53.8
148 65.7 32.3 96.8

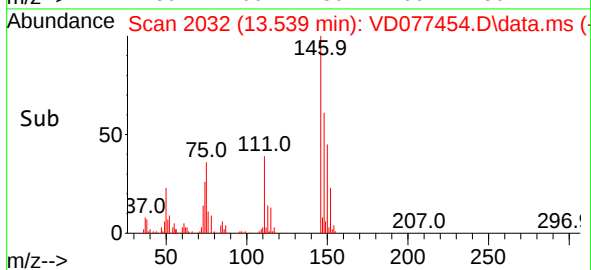
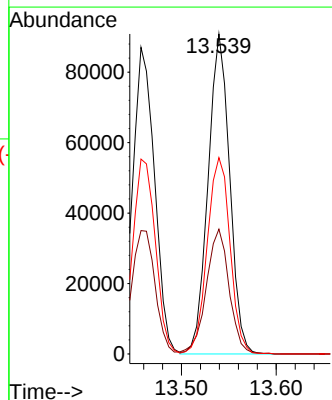
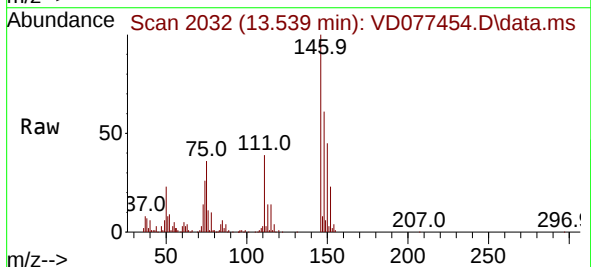
Manual Integrations
APPROVED

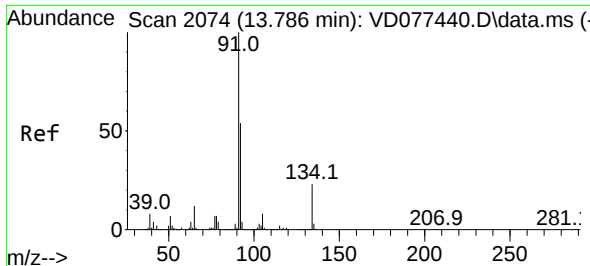
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#88
1,4-Dichlorobenzene
Concen: 19.919 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

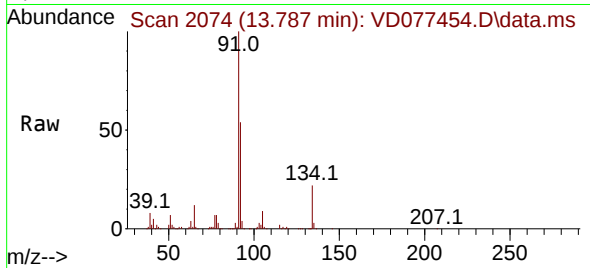
Tgt Ion:146 Resp: 144041
Ion Ratio Lower Upper
146 100
111 41.2 17.4 52.3
148 64.8 31.7 95.1





#89
n-Butylbenzene
Concen: 21.063 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

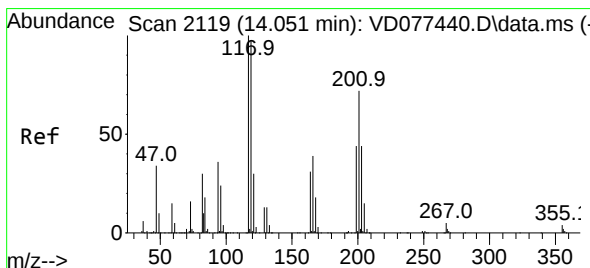
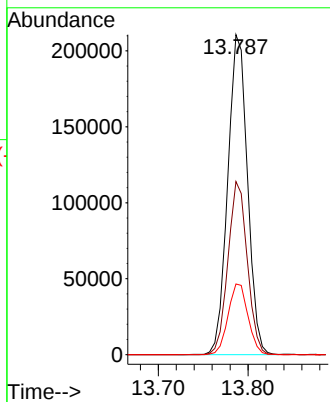
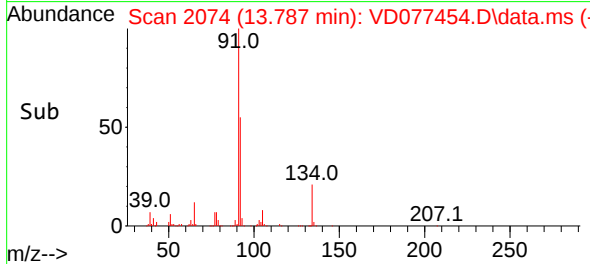
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



Tgt Ion: 91 Resp: 32130
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 22.4 13.8 41.3

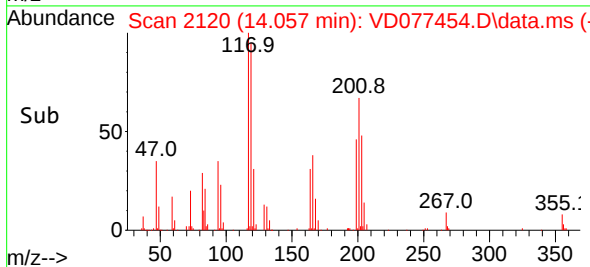
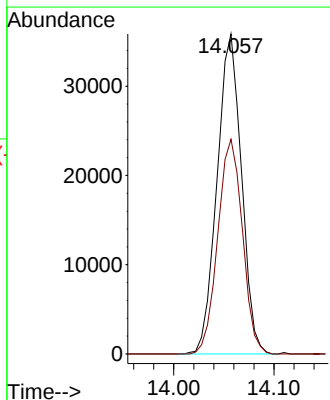
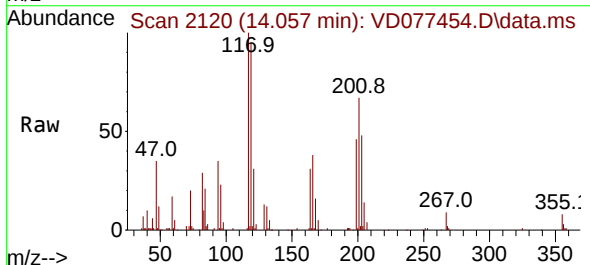
Manual Integrations
APPROVED

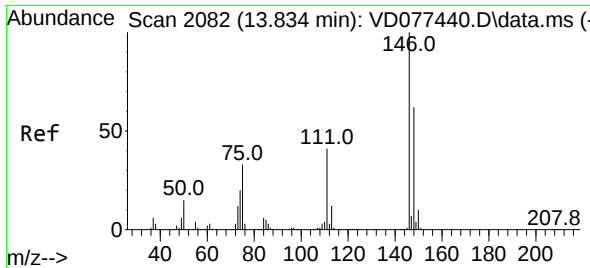
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#90
Hexachloroethane
Concen: 20.170 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion:117 Resp: 60577
Ion Ratio Lower Upper
117 100
201 67.8 38.5 115.5





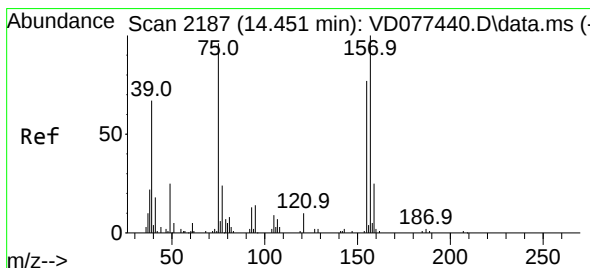
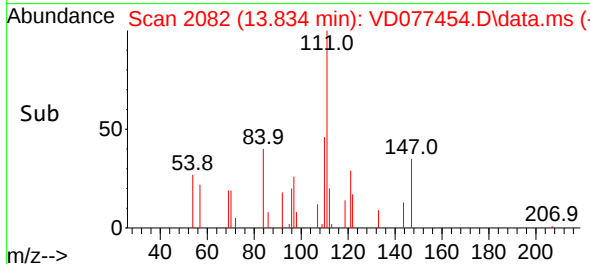
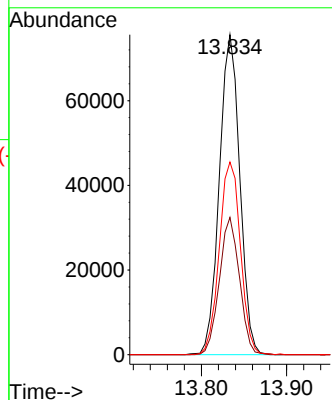
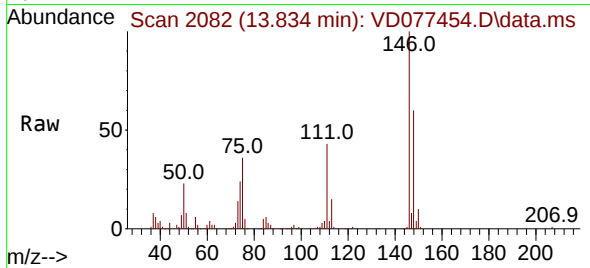
#91
1,2-Dichlorobenzene
Concen: 19.858 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Tgt Ion:146 Resp: 12630
Ion Ratio Lower Upper
146 100
111 42.1 18.3 54.8
148 62.3 31.6 94.7

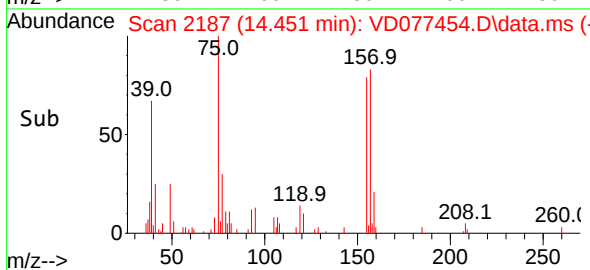
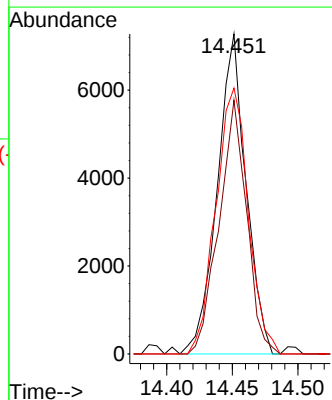
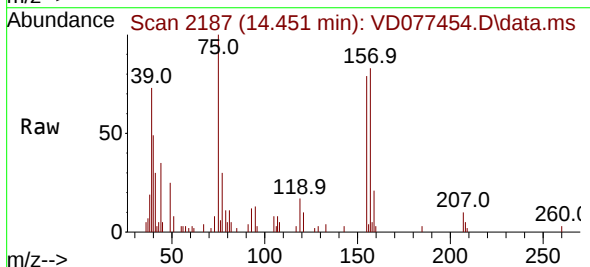
Manual Integrations
APPROVED

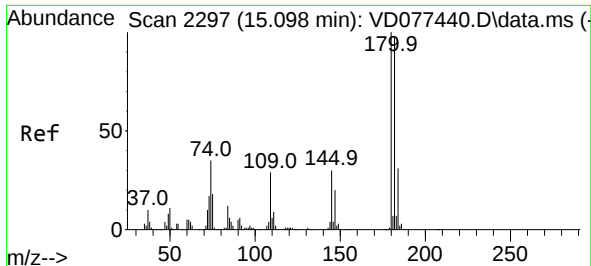
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.132 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

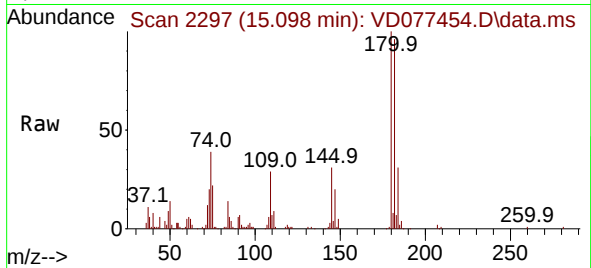
Tgt Ion: 75 Resp: 11121
Ion Ratio Lower Upper
75 100
155 76.1 47.9 143.8
157 93.5 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 19.207 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

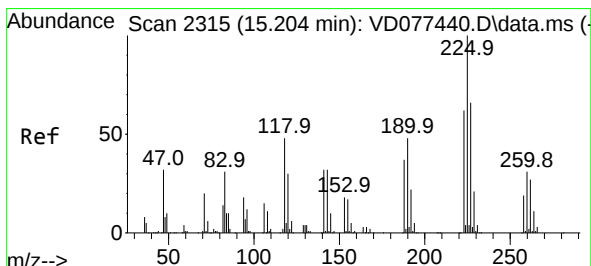
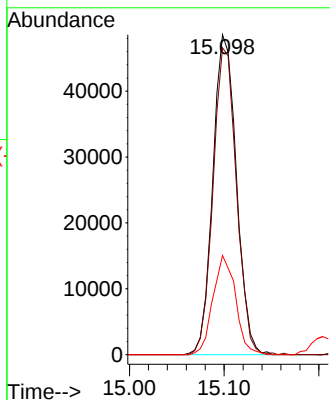
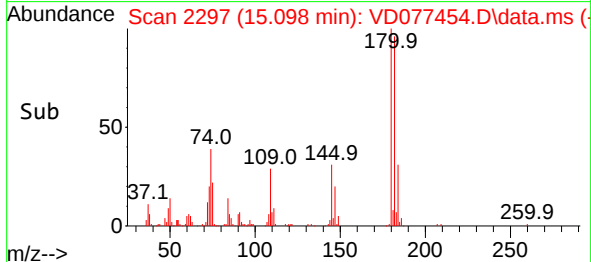
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



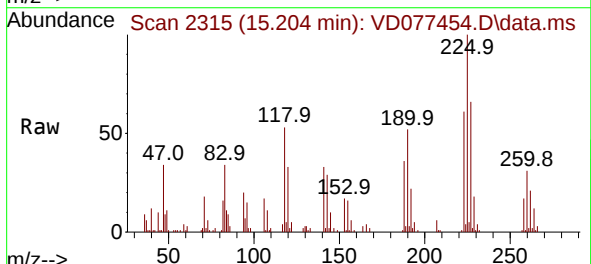
Tgt Ion:180 Resp: 83928
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 29.8 14.2 42.6

Manual Integrations
APPROVED

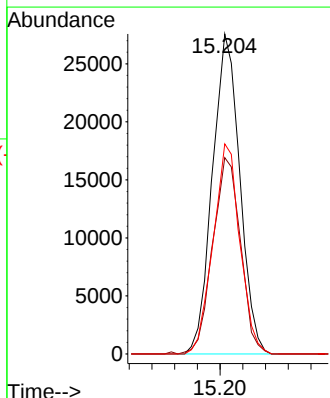
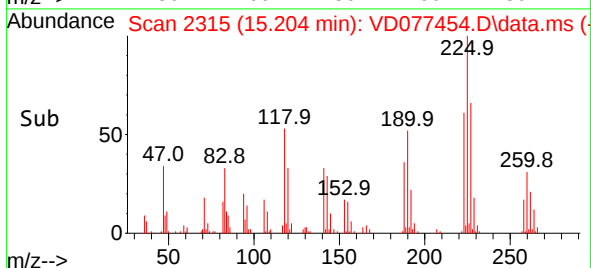
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

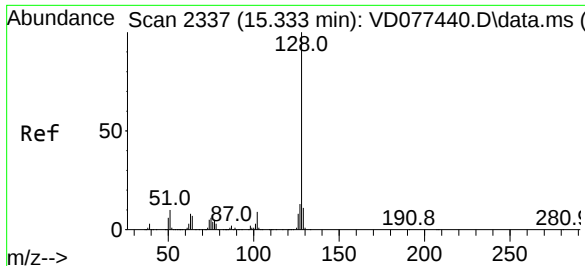


#94
Hexachlorobutadiene
Concen: 19.557 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



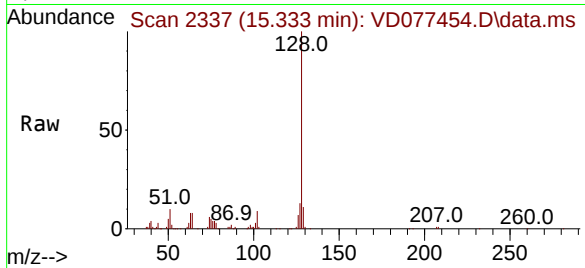
Tgt Ion:225 Resp: 46096
Ion Ratio Lower Upper
225 100
223 62.4 31.6 94.8
227 64.3 31.7 95.1





#95
Naphthalene
Concen: 19.622 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

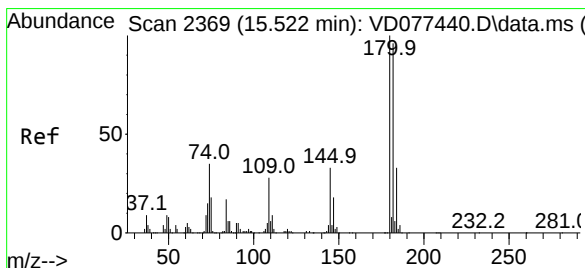
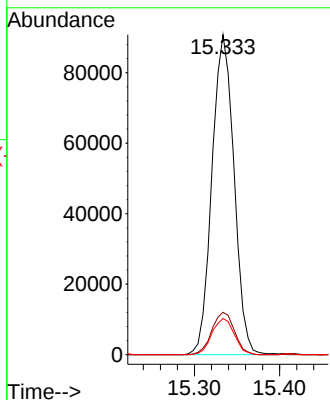
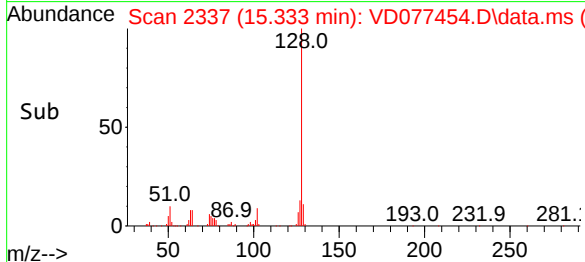
Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01



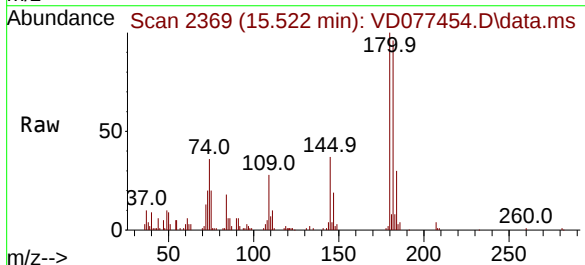
Tgt Ion:128 Resp: 163568
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.194 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion:180 Resp: 72398
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 33.6 15.1 45.3

