

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077232.D
 Acq On : 28 Sep 2023 15:10
 Operator : JC/SY
 Sample : VD0928SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Mahesh Dadoda 09/29/2023

Quant Time: Sep 29 02:18:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	239296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	407876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	378194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	193795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	117480	48.646	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.300%		
35) Dibromofluoromethane	7.804	113	135759	47.919	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.840%		
50) Toluene-d8	10.269	98	497251	49.310	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.620%		
62) 4-Bromofluorobenzene	12.574	95	146688	46.932	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	60776	24.576	ug/l	95
3) Chloromethane	2.146	50	98918	21.639	ug/l	98
4) Vinyl Chloride	2.281	62	88562	18.111	ug/l	98
5) Bromomethane	2.687	94	60887	17.096	ug/l	94
6) Chloroethane	2.834	64	57838	19.009	ug/l	100
7) Trichlorofluoromethane	3.175	101	110625	25.030	ug/l	95
8) Diethyl Ether	3.593	74	31632	22.175	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.963	101	67256	24.339	ug/l	98
10) Methyl Iodide	4.157	142	71052	17.990	ug/l #	88
11) Tert butyl alcohol	5.051	59	17174	124.727	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	61941	22.251	ug/l	88
13) Acrolein	3.793	56	15115	153.729	ug/l	99
14) Allyl chloride	4.557	41	78848	23.216	ug/l	94
15) Acrylonitrile	5.251	53	69032	115.407	ug/l	98
16) Acetone	4.016	43	65284	118.278	ug/l	91
17) Carbon Disulfide	4.269	76	198709	21.684	ug/l	98
18) Methyl Acetate	4.563	43	48262	23.123	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	130456	21.658	ug/l	98
20) Methylene Chloride	4.798	84	115360	29.761	ug/l #	84
21) trans-1,2-Dichloroethene	5.310	96	74418	22.115	ug/l	95
22) Diisopropyl ether	6.210	45	177224	23.080	ug/l	94
23) Vinyl Acetate	6.151	43	417515	136.005	ug/l	98
24) 1,1-Dichloroethane	6.110	63	123320	22.376	ug/l	99
25) 2-Butanone	7.075	43	86149	118.637	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	103170	22.054	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	78276	20.692	ug/l	92
28) Bromochloromethane	7.422	49	33693	19.909	ug/l	83
29) Tetrahydrofuran	7.445	42	48619	114.532	ug/l	88
30) Chloroform	7.598	83	132879	22.371	ug/l	93
31) Cyclohexane	7.881	56	96687	22.885	ug/l	94
32) 1,1,1-Trichloroethane	7.792	97	113192	22.830	ug/l	98
36) 1,1-Dichloropropene	8.004	75	95945	22.487	ug/l	98
37) Ethyl Acetate	7.169	43	36876	22.527	ug/l	98
38) Carbon Tetrachloride	7.992	117	93010	22.179	ug/l	98
39) Methylcyclohexane	9.275	83	106660	21.727	ug/l	95
40) Benzene	8.251	78	292545	22.162	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	18917	21.651	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	71904	21.970	ug/l	96
43) Isopropyl Acetate	8.363	43	66941	22.210	ug/l	93
44) Trichloroethene	9.028	130	77899	21.321	ug/l	98
45) 1,2-Dichloropropane	9.304	63	73025	22.776	ug/l	97
46) Dibromomethane	9.392	93	40208	21.581	ug/l	95
47) Bromodichloromethane	9.586	83	94670	21.027	ug/l	99
48) Methyl methacrylate	9.381	41	32565	23.778	ug/l #	81
49) 1,4-Dioxane	9.392	88	7843	466.354	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	181868	115.380	ug/l	90
52) Toluene	10.333	92	181799	21.528	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	91699	21.800	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	107590	21.349	ug/l #	94
55) 1,1,2-Trichloroethane	10.733	97	52813	20.841	ug/l	90
56) Ethyl methacrylate	10.598	69	58486	21.482	ug/l	90
57) 1,3-Dichloropropane	10.880	76	90415	22.040	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	80226	78.269	ug/l	97
59) 2-Hexanone	10.922	43	130886	115.730	ug/l	90
60) Dibromochloromethane	11.075	129	64729	20.855	ug/l	96
61) 1,2-Dibromoethane	11.180	107	51189	20.895	ug/l	97
64) Tetrachloroethene	10.810	164	64600	21.954	ug/l	94
65) Chlorobenzene	11.610	112	191816	21.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	68802	21.138	ug/l	97
67) Ethyl Benzene	11.686	91	325681	21.297	ug/l	99
68) m/p-Xylenes	11.792	106	261132	42.648	ug/l	89
69) o-Xylene	12.122	106	118072	21.010	ug/l	89
70) Styrene	12.133	104	210575	21.993	ug/l	98
71) Bromoform	12.304	173	36766	20.378	ug/l #	93
73) Isopropylbenzene	12.422	105	311475	21.752	ug/l	97
74) N-amyl acetate	12.233	43	63352	23.552	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.674	83	62750	23.221	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	33025m	21.364	ug/l	
77) Bromobenzene	12.704	156	76365	21.417	ug/l	92
78) n-propylbenzene	12.763	91	395333	22.586	ug/l	95
79) 2-Chlorotoluene	12.851	91	210547	21.814	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	257864	21.562	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	18054	22.106	ug/l	92
82) 4-Chlorotoluene	12.945	91	223070	21.990	ug/l	95
83) tert-Butylbenzene	13.169	119	216927	21.232	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	259227	21.377	ug/l	94
85) sec-Butylbenzene	13.345	105	336286	21.934	ug/l	96
86) p-Isopropyltoluene	13.463	119	280186	21.542	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	155409	21.194	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	152278	21.107	ug/l	97
89) n-Butylbenzene	13.786	91	258559	21.550	ug/l	98
90) Hexachloroethane	14.051	117	55308	21.442	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	132469	21.070	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8131	22.534	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	77539	19.990	ug/l	99
94) Hexachlorobutadiene	15.204	225	40364	19.637	ug/l	99
95) Naphthalene	15.333	128	142758	20.071	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	70265	20.380	ug/l	97

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ClientSampleId :
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QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

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

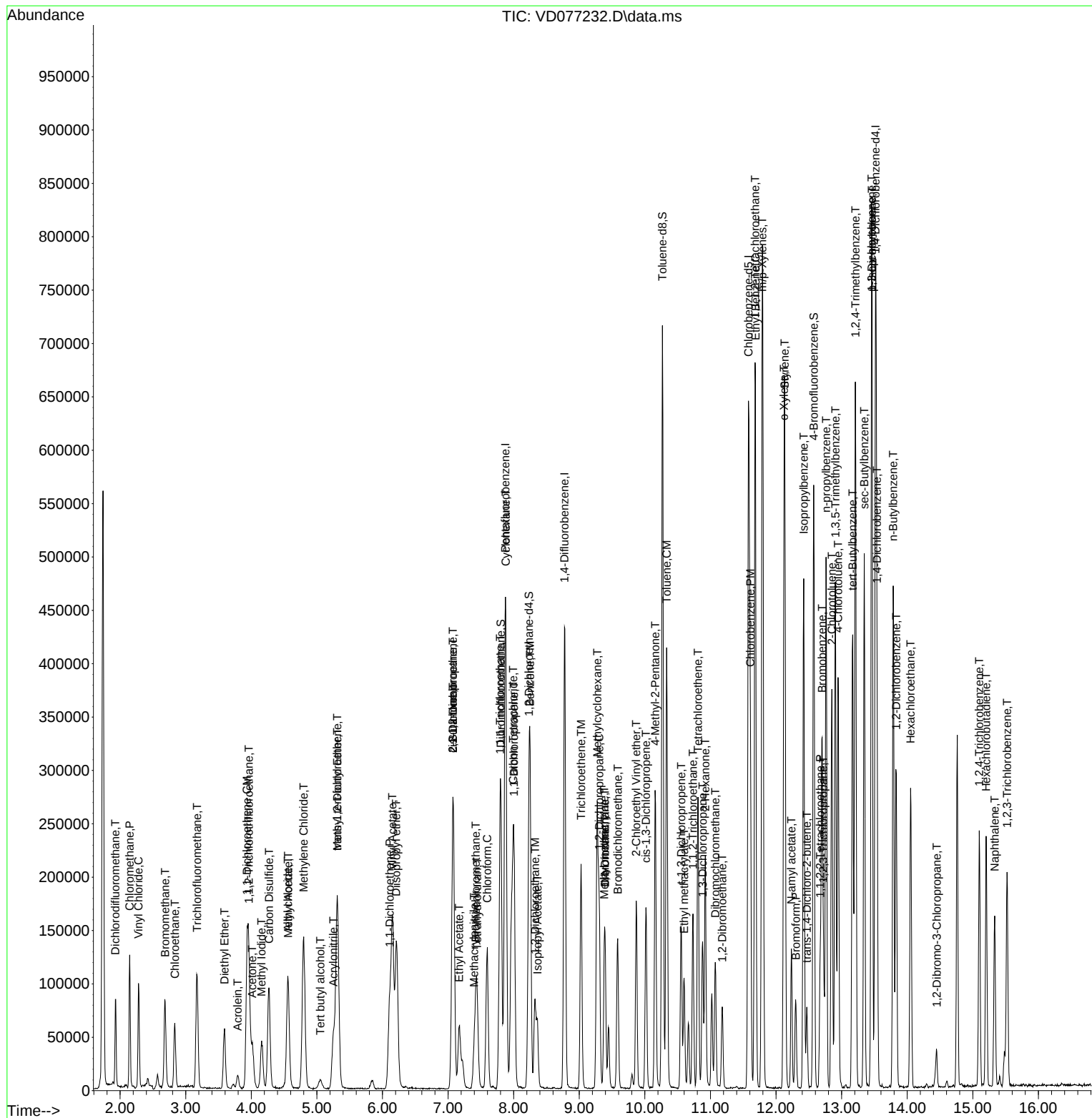
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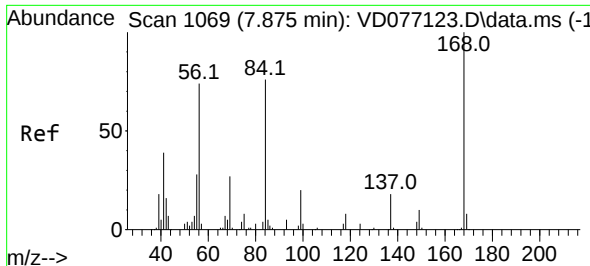
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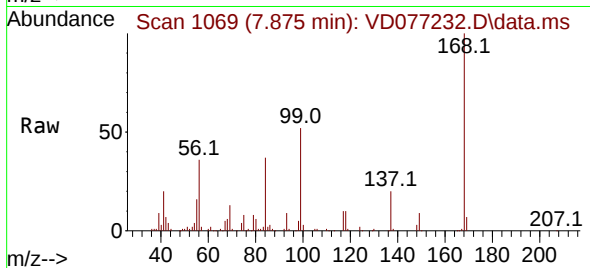
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

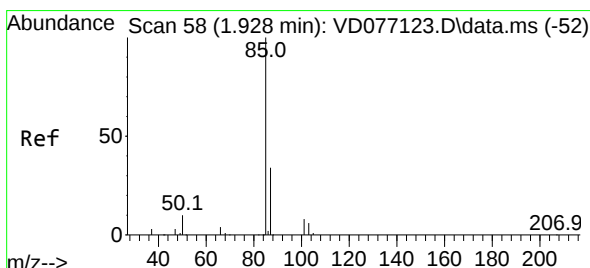
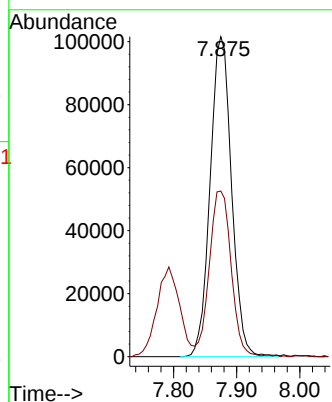
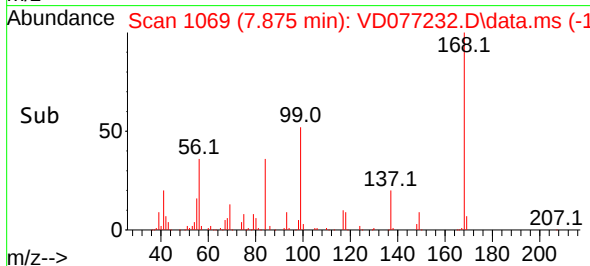
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:168 Resp: 239290
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1

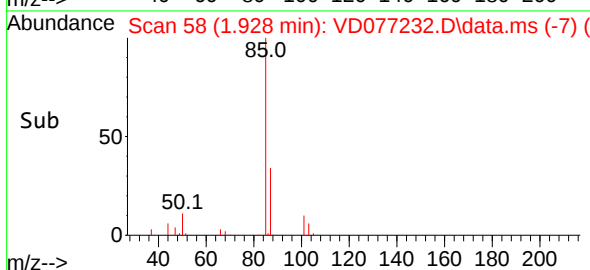
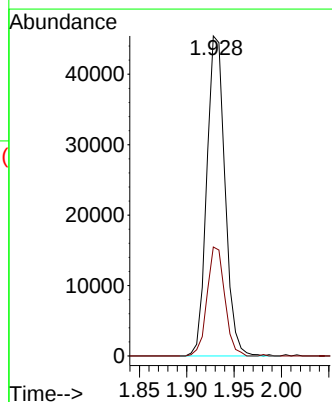
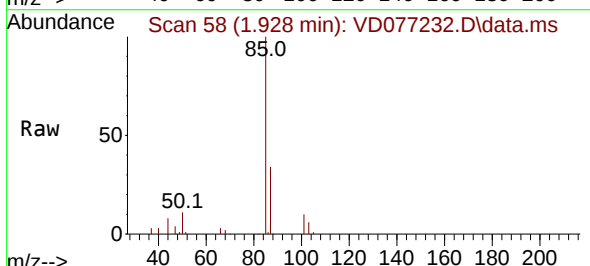
Manual Integrations
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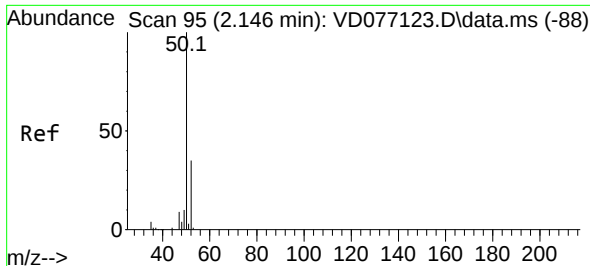
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#2
Dichlorodifluoromethane
Concen: 24.576 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

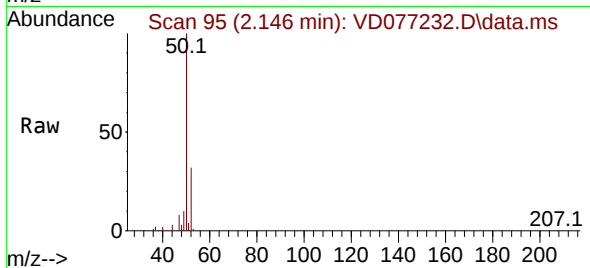
Tgt Ion: 85 Resp: 60776
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.0





#3
Chloromethane
Concen: 21.639 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

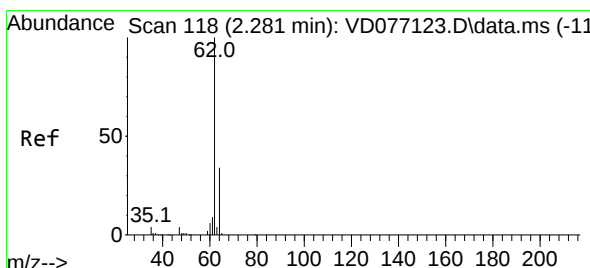
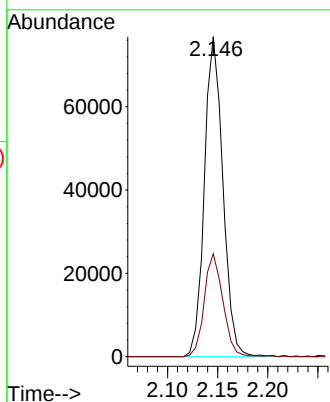
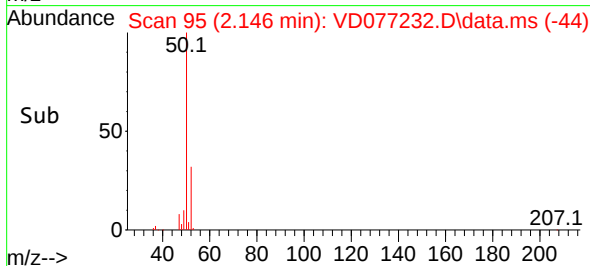
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ClientSampleId :
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Tgt Ion: 50 Resp: 98918
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0

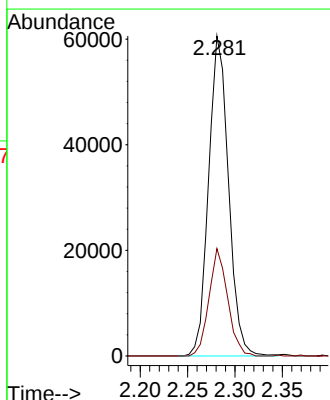
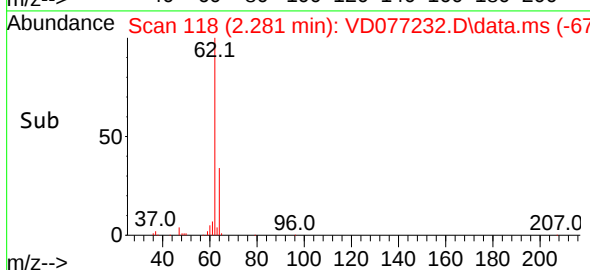
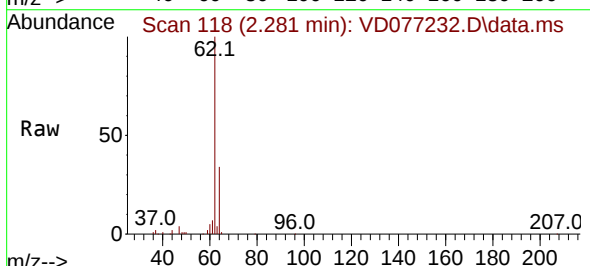
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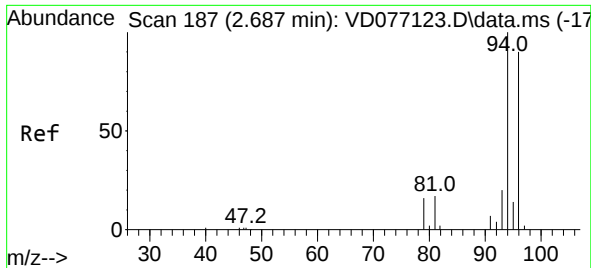
Reviewed By :John Carlone 09/29/2023
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#4
Vinyl Chloride
Concen: 18.111 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

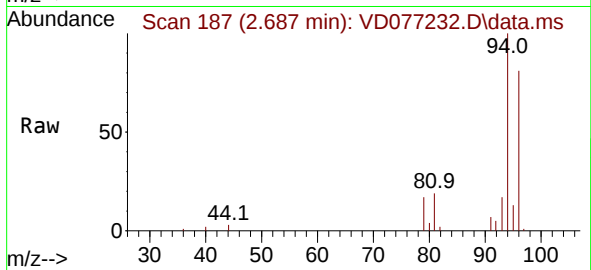
Tgt Ion: 62 Resp: 88562
Ion Ratio Lower Upper
62 100
64 33.6 26.0 39.0





#5
Bromomethane
Concen: 17.096 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

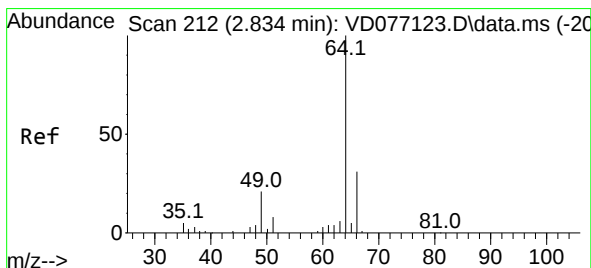
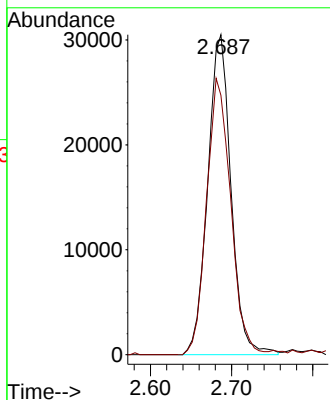
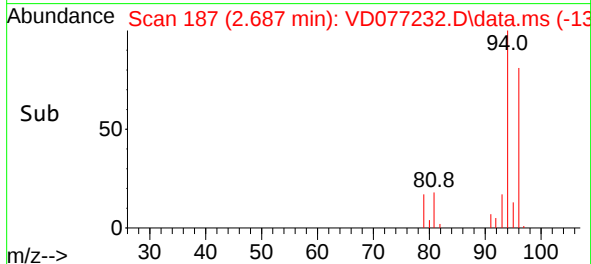
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Tgt Ion: 94 Resp: 6088
Ion Ratio Lower Upper
94 100
96 89.1 75.8 113.8

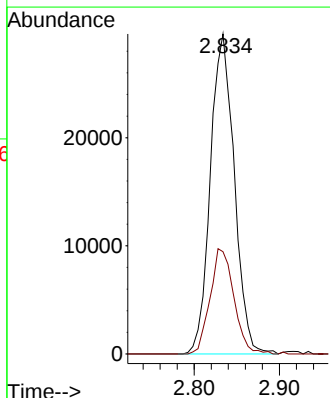
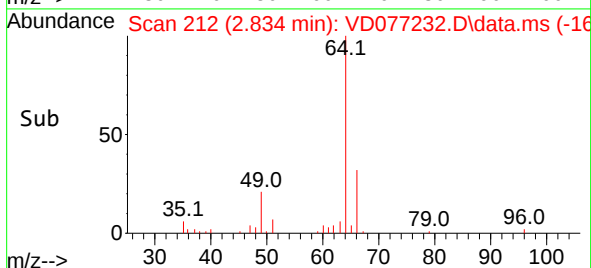
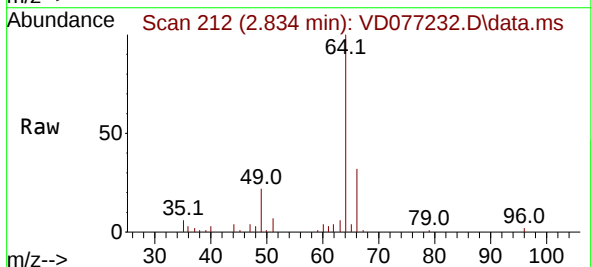
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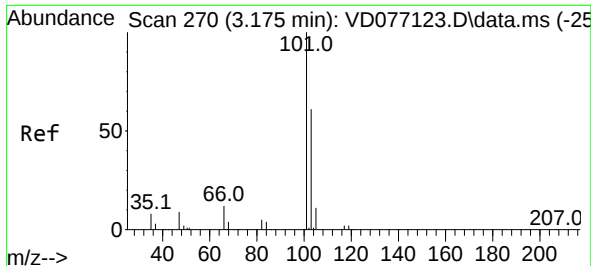
Reviewed By :John Carlone 09/29/2023
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#6
Chloroethane
Concen: 19.009 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 64 Resp: 57838
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3





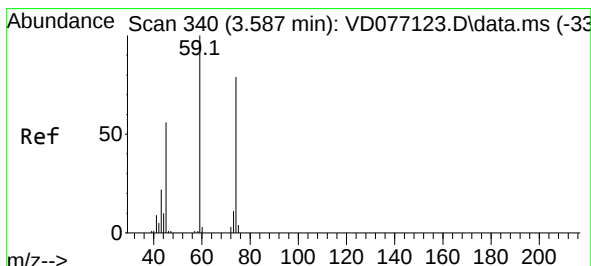
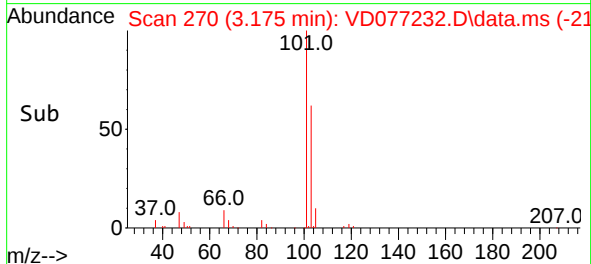
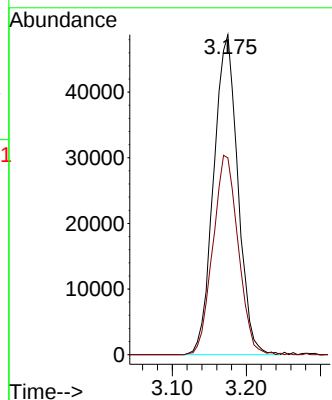
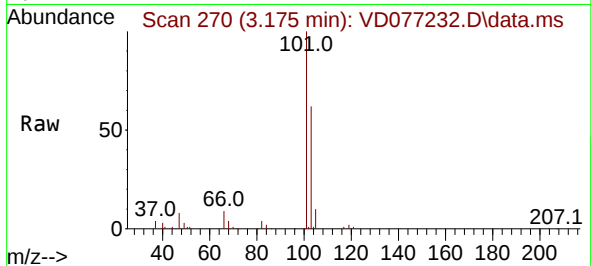
#7
Trichlorofluoromethane
Concen: 25.030 ug/l
RT: 3.175 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
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ClientSampleId :
VD0928SBSD01

Tgt Ion:101 Resp: 11062
Ion Ratio Lower Upper
101 100
103 61.5 52.3 78.5

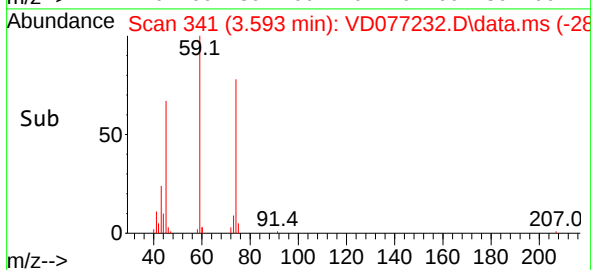
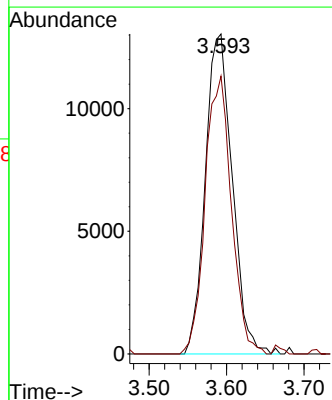
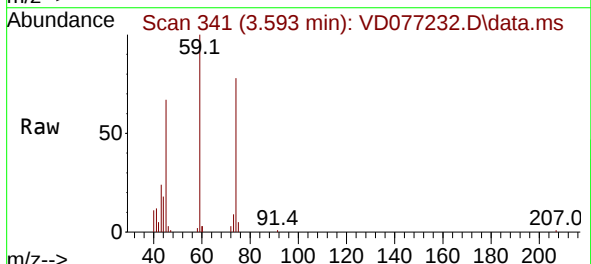
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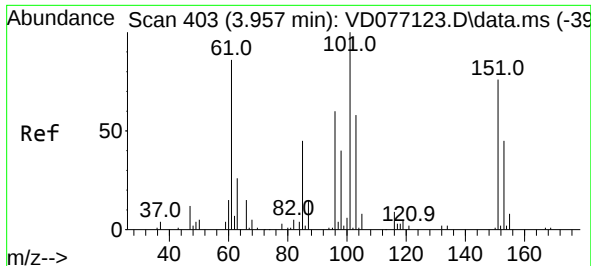
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#8
Diethyl Ether
Concen: 22.175 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 74 Resp: 31632
Ion Ratio Lower Upper
74 100
45 84.4 37.5 112.7





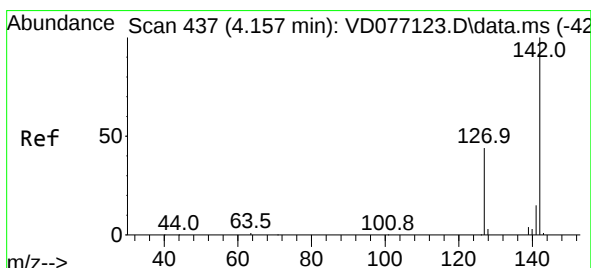
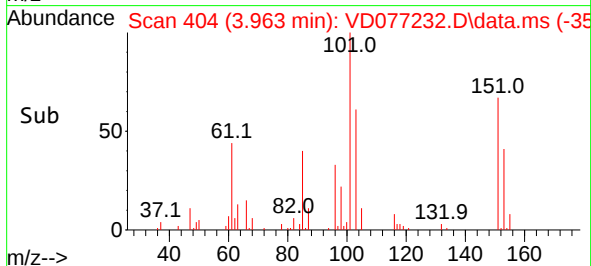
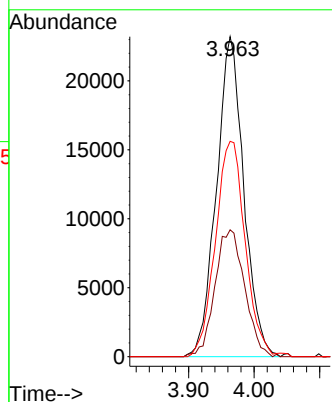
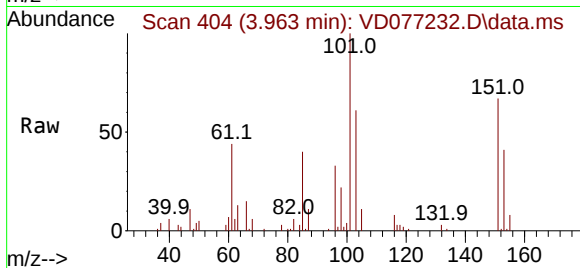
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.339 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:101 Resp: 67250
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.6
151 73.0 59.8 89.6

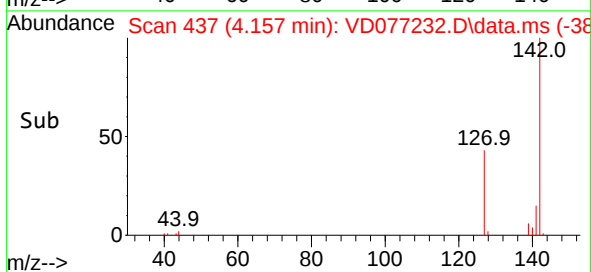
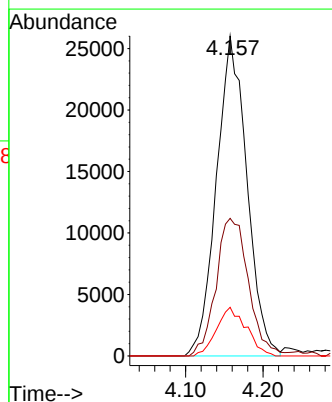
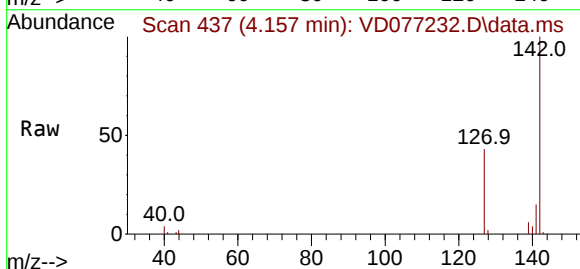
Manual Integrations
APPROVED

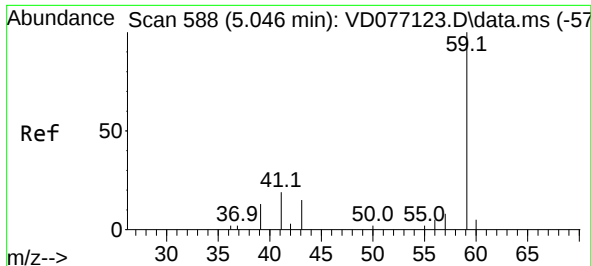
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#10
Methyl Iodide
Concen: 17.990 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion:142 Resp: 71052
Ion Ratio Lower Upper
142 100
127 45.8 29.4 44.0#
141 14.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 124.727 ug/l

RT: 5.051 min Scan# 50

Delta R.T. 0.006 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 59 Resp: 17174

Ion Ratio Lower Upper

59 100

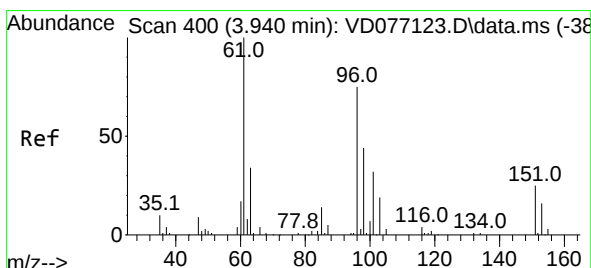
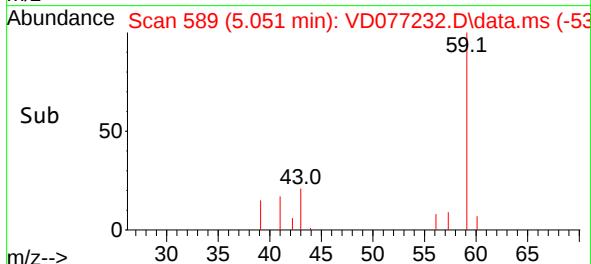
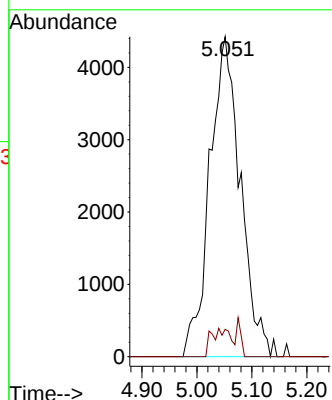
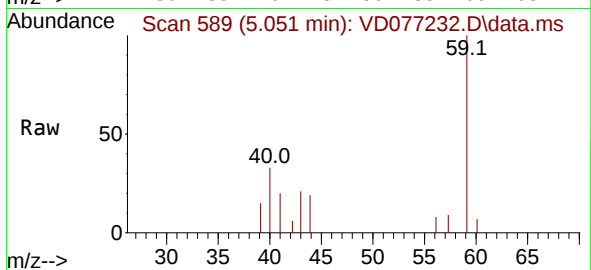
57 3.7 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#12

1,1-Dichloroethene

Concen: 22.251 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

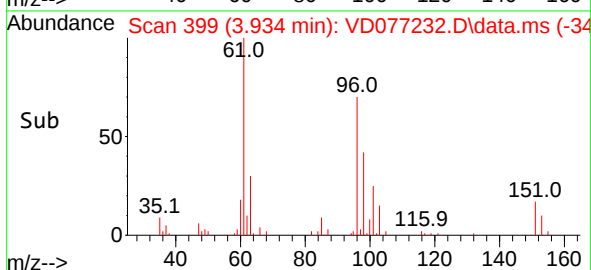
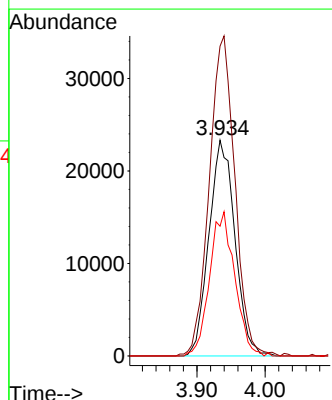
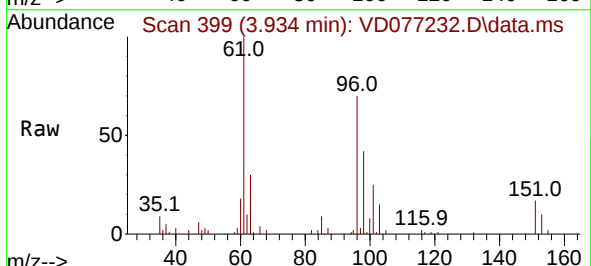
Tgt Ion: 96 Resp: 61941

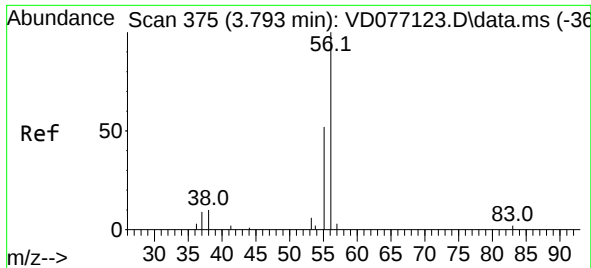
Ion Ratio Lower Upper

96 100

61 143.6 100.6 150.8

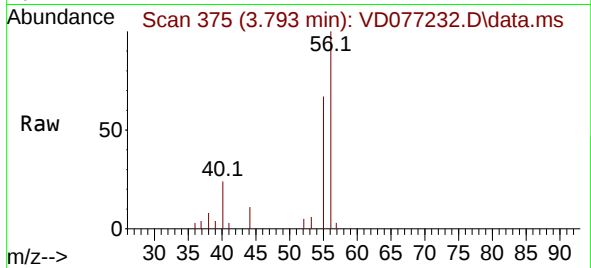
98 60.2 50.2 75.2





#13
Acrolein
Concen: 153.729 ug/l
RT: 3.793 min Scan# 311
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

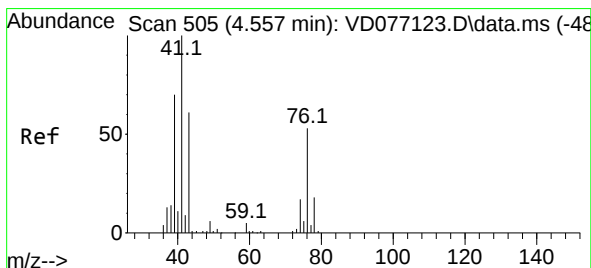
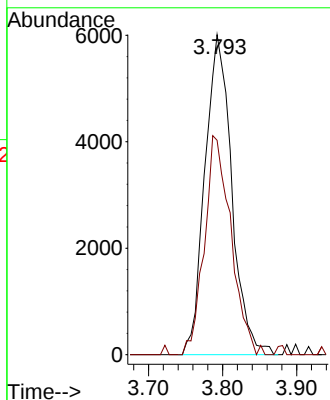
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion: 56 Resp: 1511
Ion Ratio Lower Upper
56 100
55 67.8 55.1 82.7

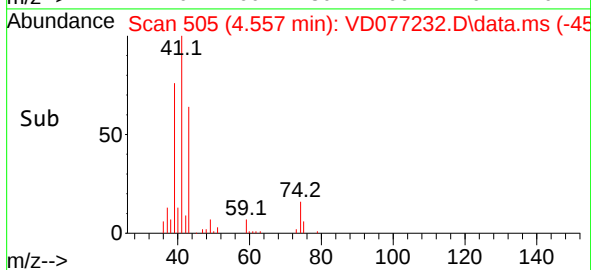
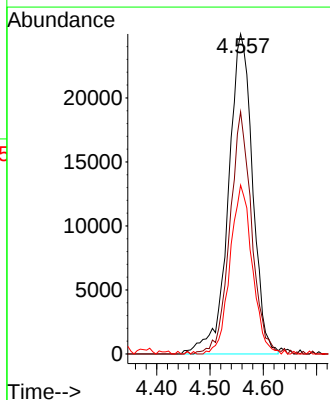
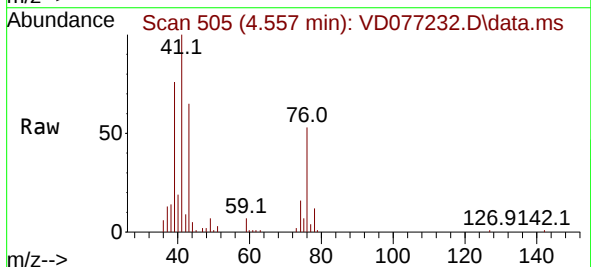
Manual Integrations
APPROVED

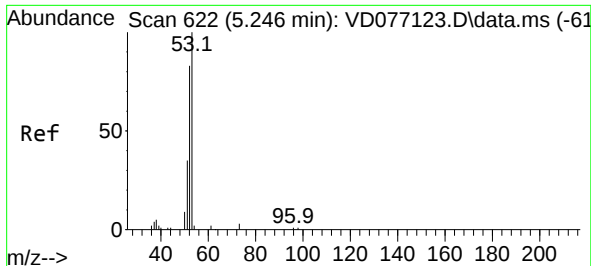
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#14
Allyl chloride
Concen: 23.216 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

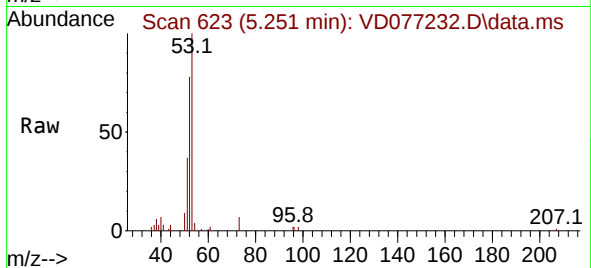
Tgt Ion: 41 Resp: 78848
Ion Ratio Lower Upper
41 100
39 68.0 53.8 80.6
76 48.5 45.8 68.8





#15
Acrylonitrile
Concen: 115.407 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

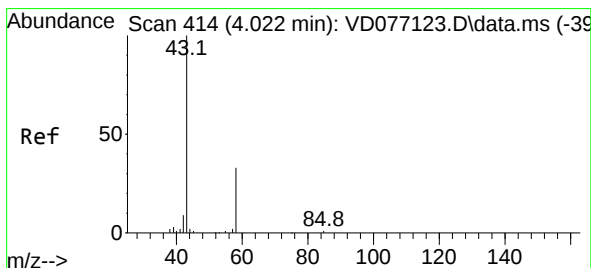
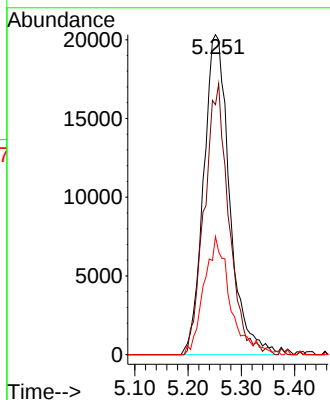
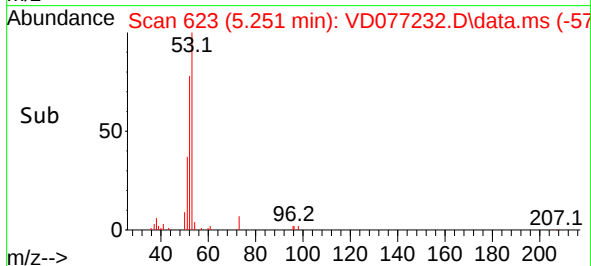
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion: 53 Resp: 6903
Ion Ratio Lower Upper
53 100
52 79.8 65.0 97.4
51 37.3 28.3 42.5

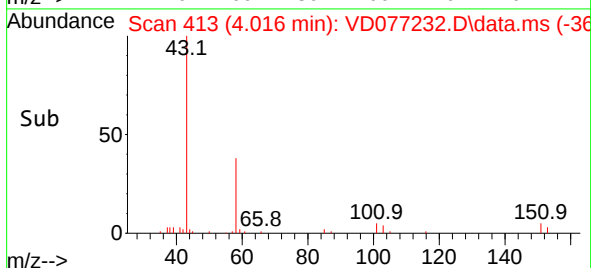
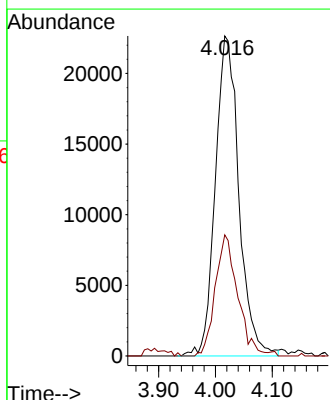
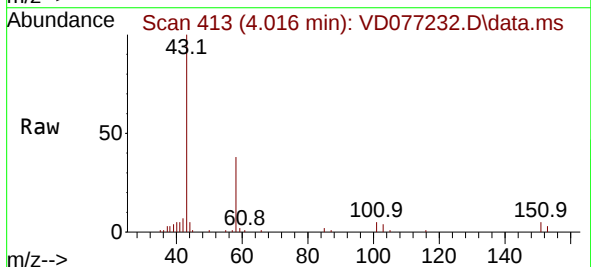
Manual Integrations
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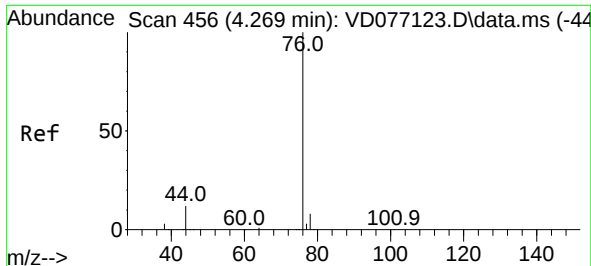
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#16
Acetone
Concen: 118.278 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

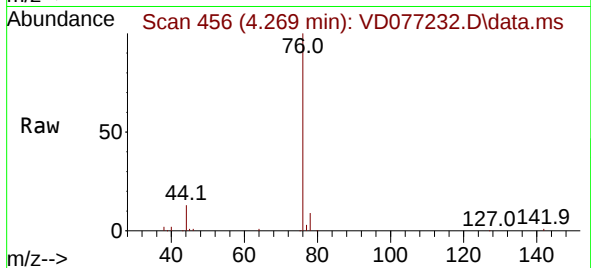
Tgt Ion: 43 Resp: 65284
Ion Ratio Lower Upper
43 100
58 37.9 34.7 52.1





#17
Carbon Disulfide
Concen: 21.684 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

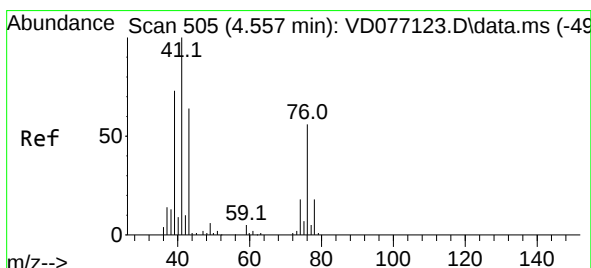
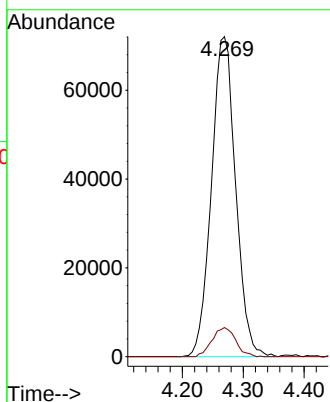
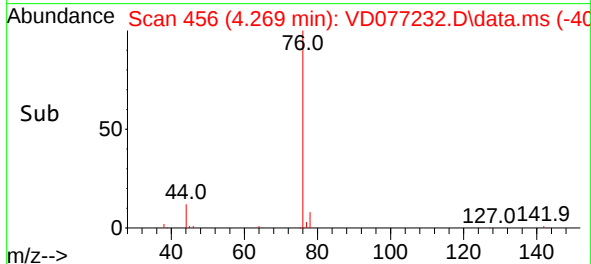
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion: 76 Resp: 198709
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

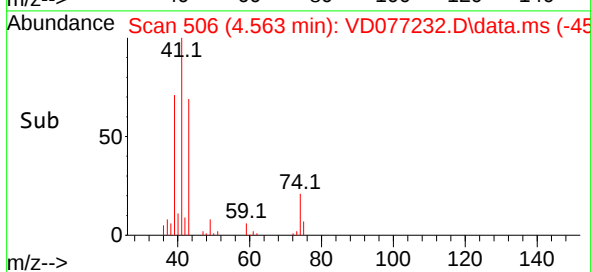
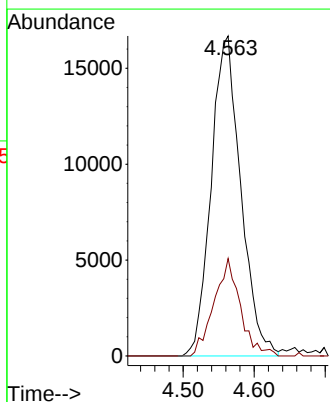
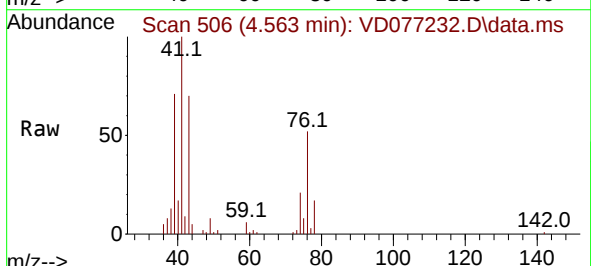
Manual Integrations
APPROVED

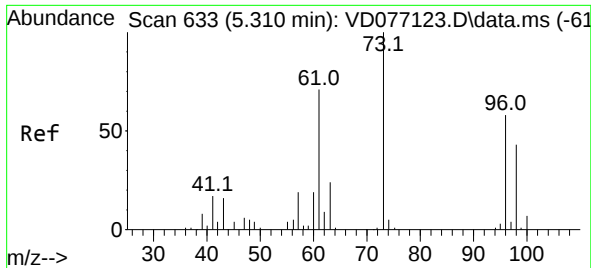
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#18
Methyl Acetate
Concen: 23.123 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 43 Resp: 48262
Ion Ratio Lower Upper
43 100
74 27.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.658 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 73 Resp: 130450

Ion Ratio Lower Upper

73 100

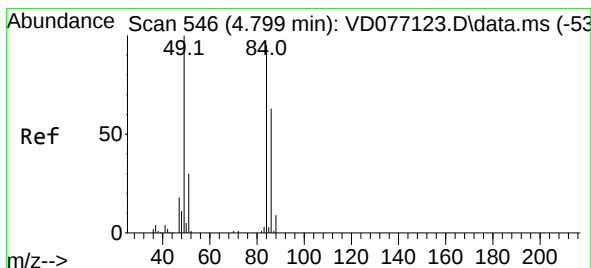
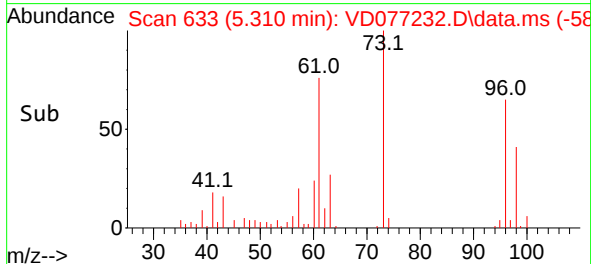
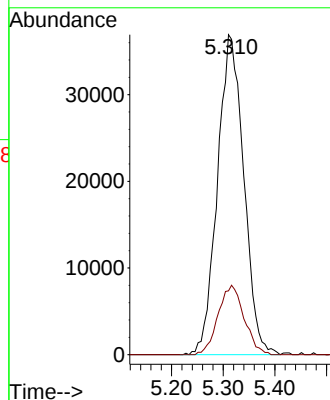
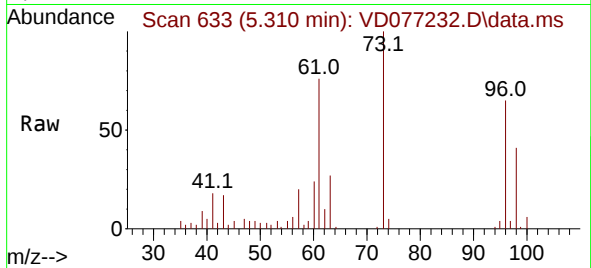
57 19.9 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#20

Methylene Chloride

Concen: 29.761 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.001 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Tgt Ion: 84 Resp: 115360

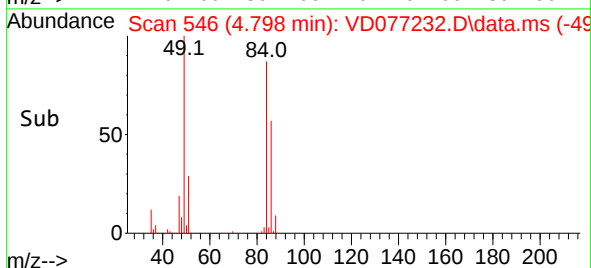
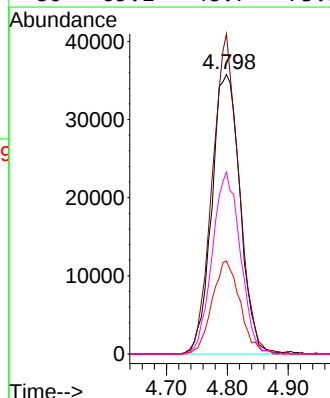
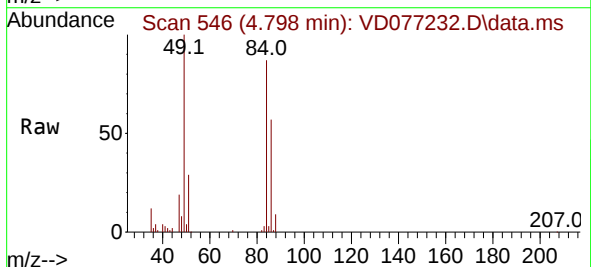
Ion Ratio Lower Upper

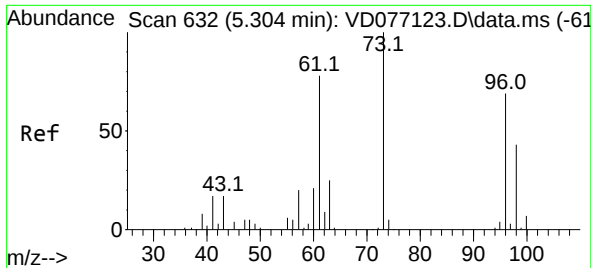
84 100

49 114.5 71.4 107.2#

51 33.2 24.5 36.7

86 65.1 48.7 73.1





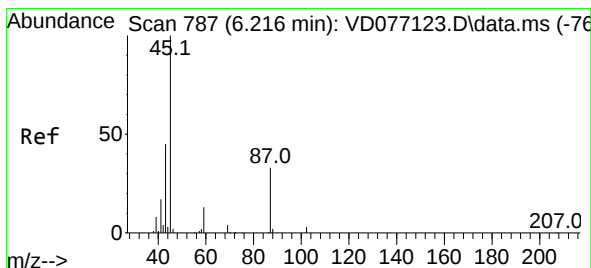
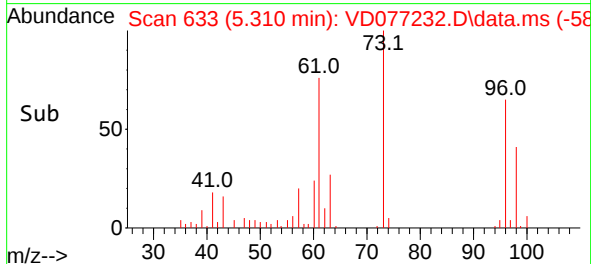
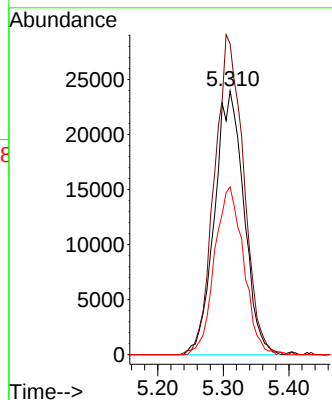
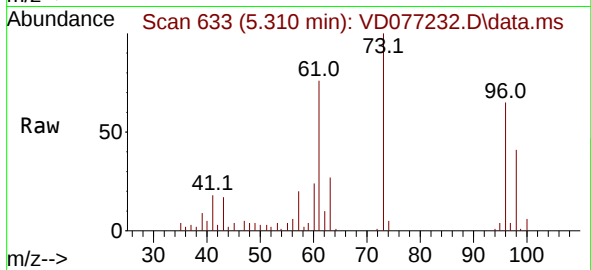
#21
trans-1,2-Dichloroethene
Concen: 22.115 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 96 Resp: 74418
Ion Ratio Lower Upper
96 100
61 117.9 89.3 133.9
98 63.6 48.6 73.0

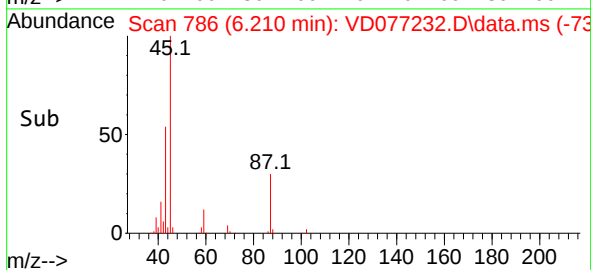
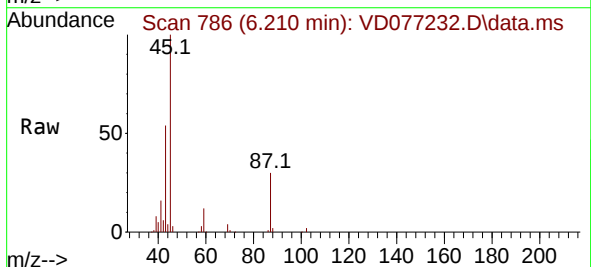
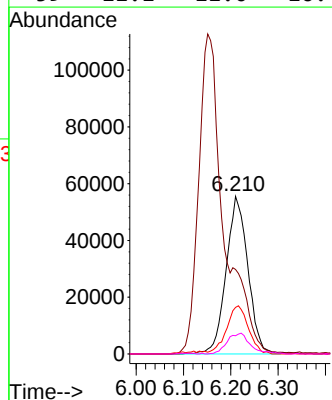
Manual Integrations
APPROVED

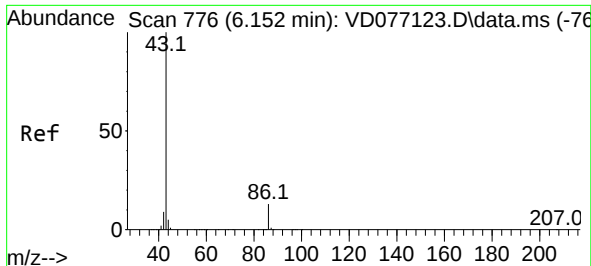
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#22
Diisopropyl ether
Concen: 23.080 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

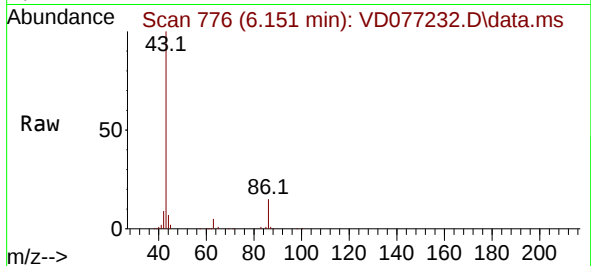
Tgt Ion: 45 Resp: 177224
Ion Ratio Lower Upper
45 100
43 52.4 40.0 60.0
87 29.6 28.2 42.4
59 11.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 136.005 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077232.D
 Acq: 28 Sep 2023 15:10

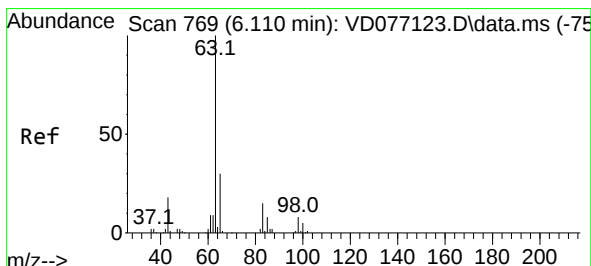
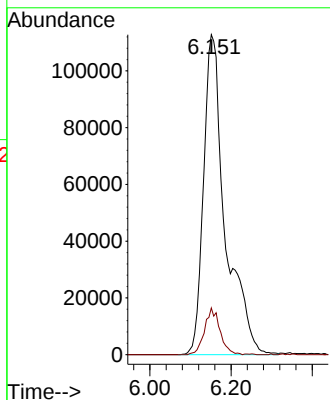
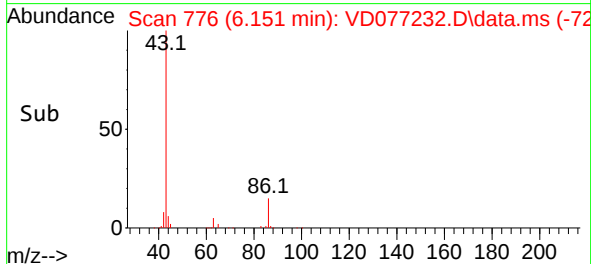
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01



Tgt Ion: 43 Resp: 41751
 Ion Ratio Lower Upper
 43 100
 86 14.6 12.5 18.7

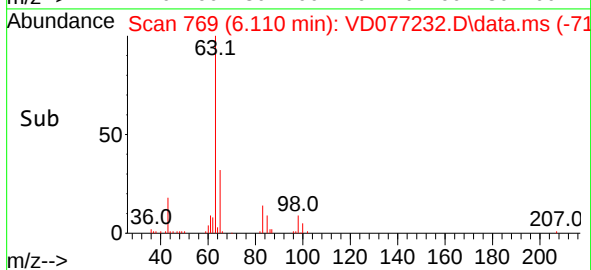
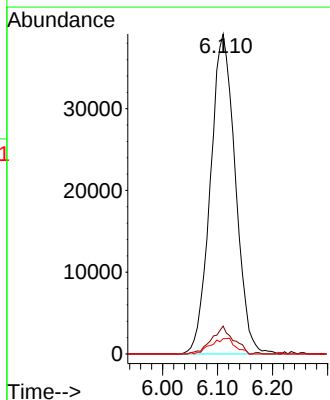
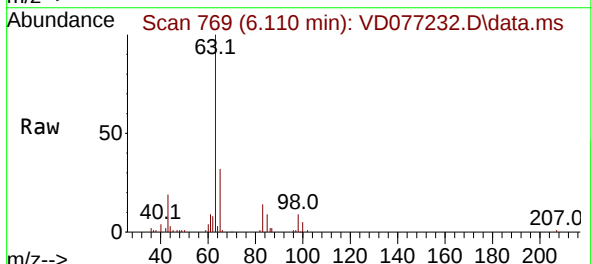
Manual Integrations
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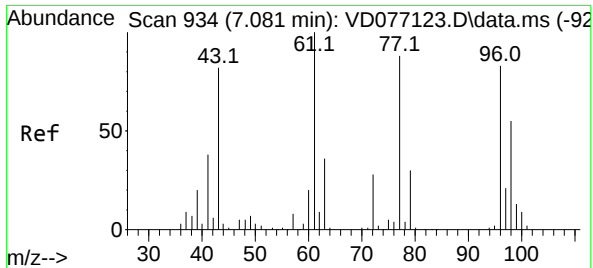
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023



#24
 1,1-Dichloroethane
 Concen: 22.376 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD077232.D
 Acq: 28 Sep 2023 15:10

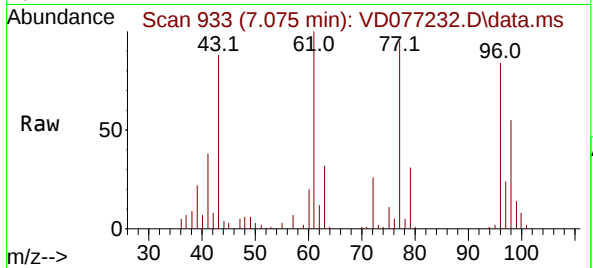
Tgt Ion: 63 Resp: 123320
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 4.8 2.5 7.5





#25
2-Butanone
Concen: 118.637 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

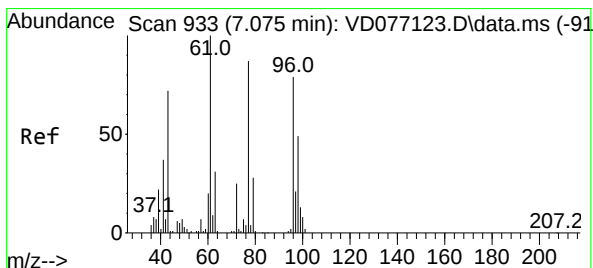
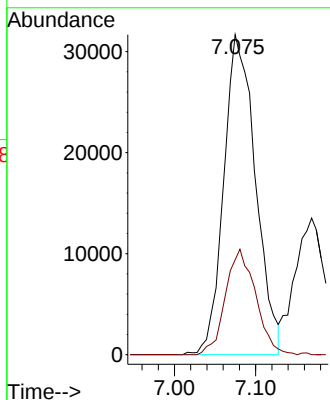
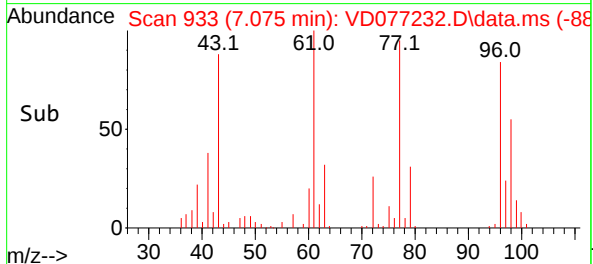
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



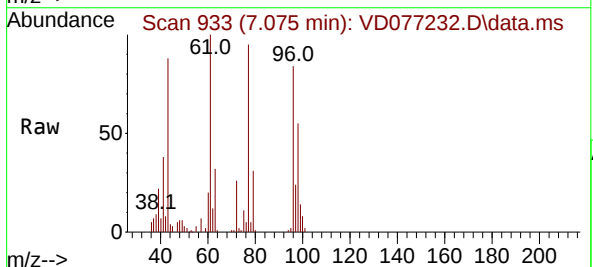
Tgt Ion: 43 Resp: 86149
Ion Ratio Lower Upper
43 100
72 29.6 30.7 46.1

Manual Integrations
APPROVED

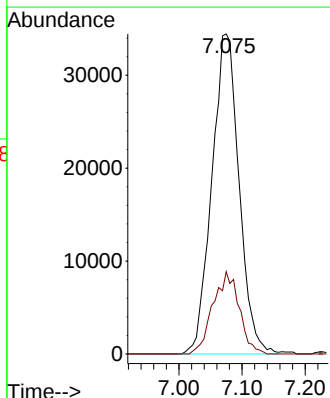
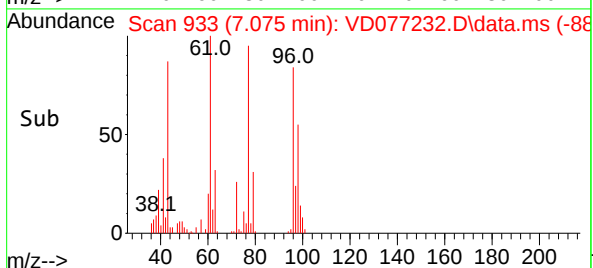
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

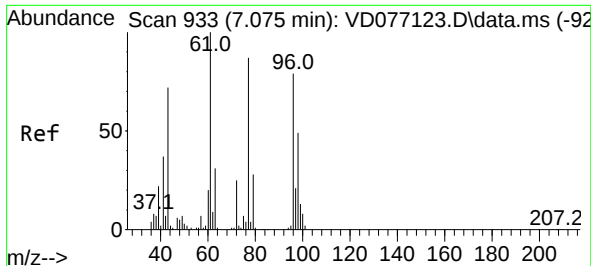


#26
2,2-Dichloropropane
Concen: 22.054 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10



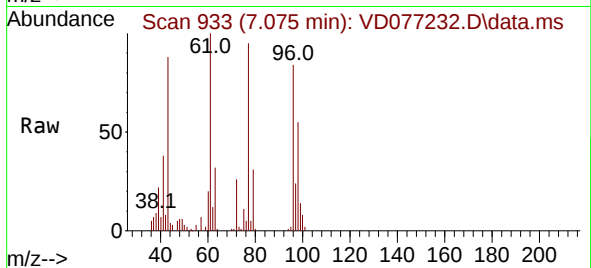
Tgt Ion: 77 Resp: 103170
Ion Ratio Lower Upper
77 100
97 24.7 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.692 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077232.D
 Acq: 28 Sep 2023 15:10

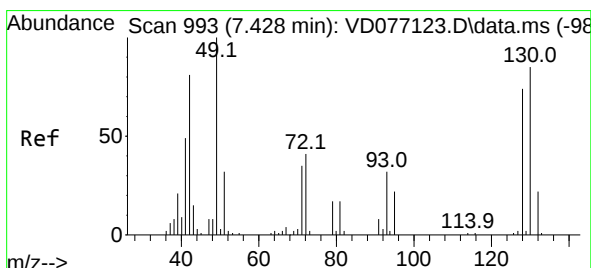
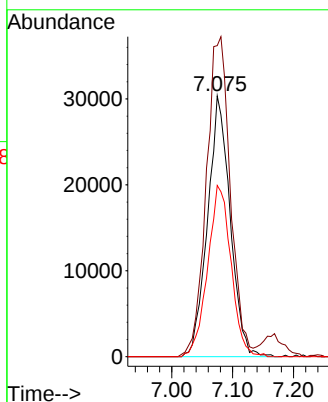
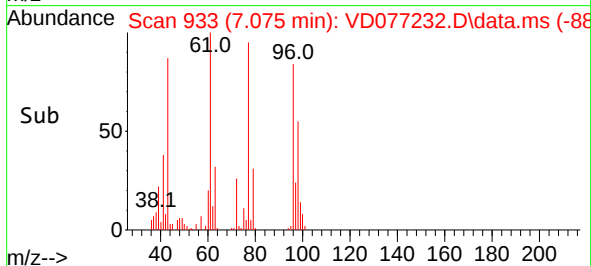
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01



Tgt Ion: 96 Resp: 78270
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 239.2
 98 68.0 0.0 128.6

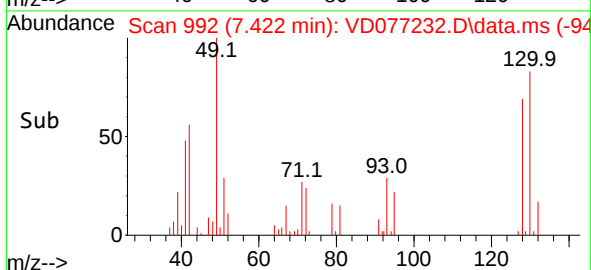
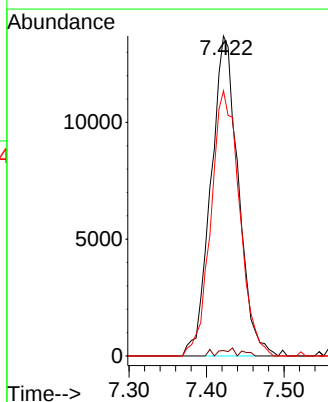
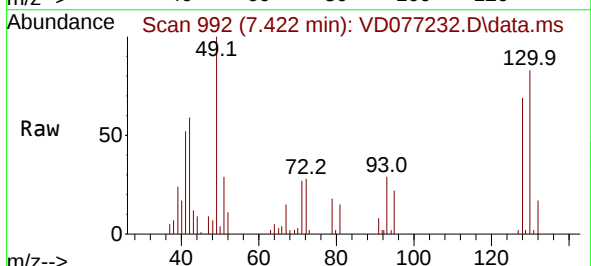
Manual Integrations
 APPROVED

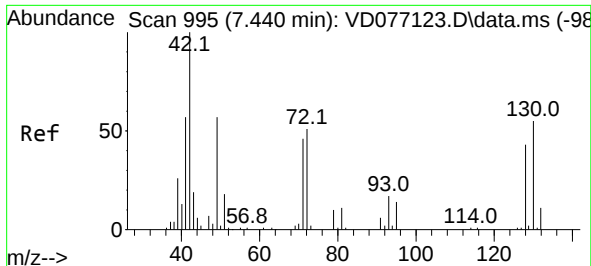
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023



#28
 Bromochloromethane
 Concen: 19.909 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077232.D
 Acq: 28 Sep 2023 15:10

Tgt Ion: 49 Resp: 33693
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.0
 130 86.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 114.532 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

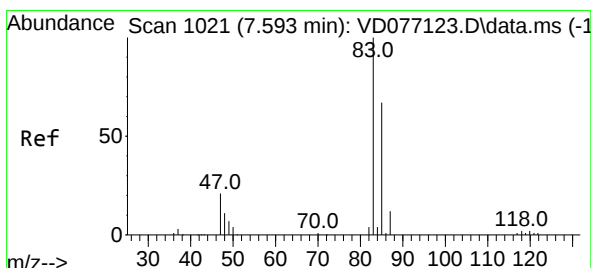
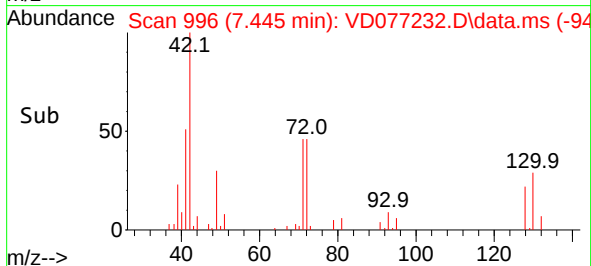
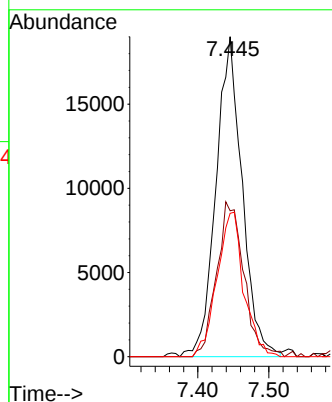
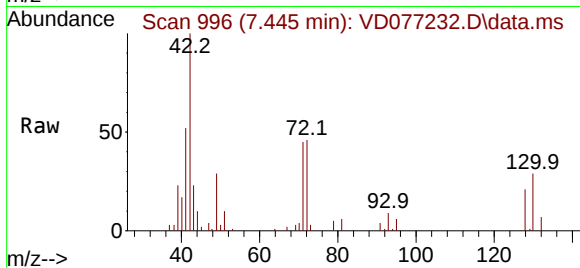
Tgt Ion:	42	Resp:	48619
Ion Ratio	Lower	Upper	
42	100		
72	50.3	46.5	69.7
71	46.3	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#30

Chloroform

Concen: 22.371 ug/l

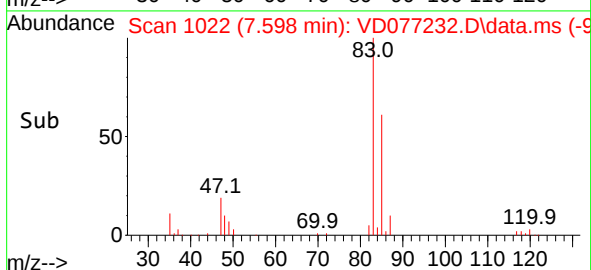
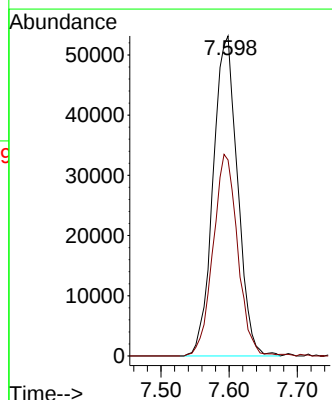
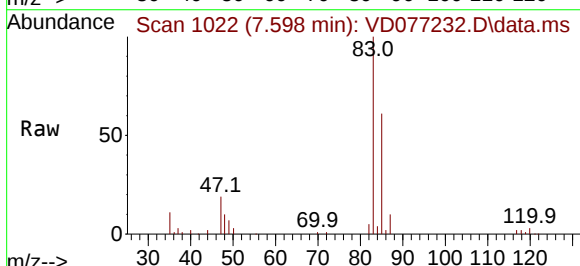
RT: 7.598 min Scan# 1022

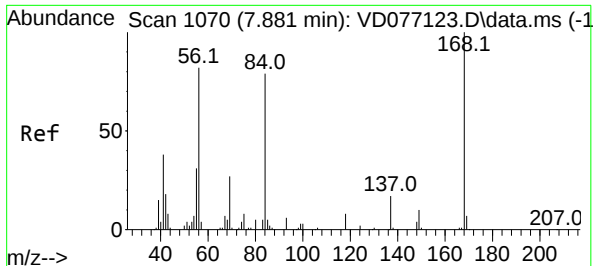
Delta R.T. 0.006 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

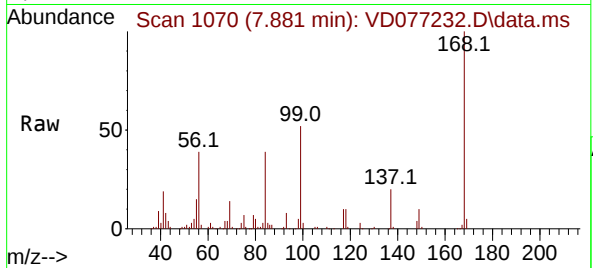
Tgt Ion:	83	Resp:	132879
Ion Ratio	Lower	Upper	
83	100		
85	61.2	53.4	80.2





#31
Cyclohexane
Concen: 22.885 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

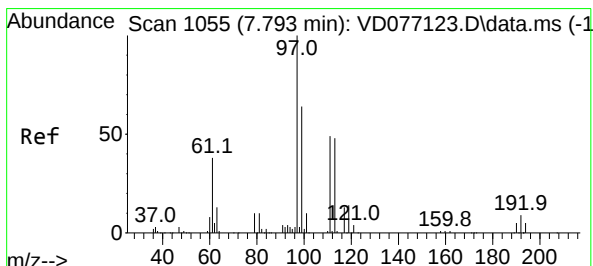
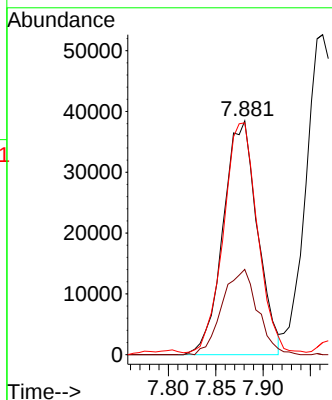
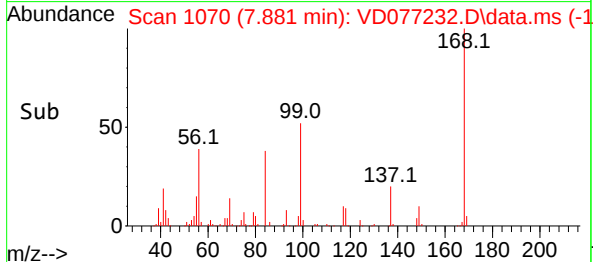
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion: 56 Resp: 9668
Ion Ratio Lower Upper
56 100
69 36.5 28.6 43.0
84 97.8 84.8 127.2

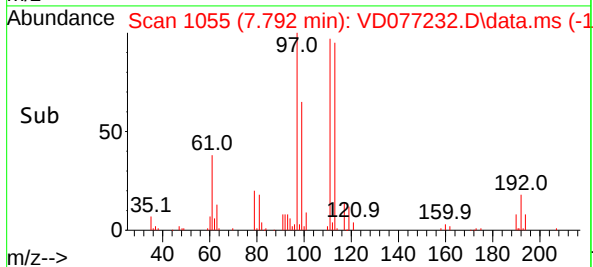
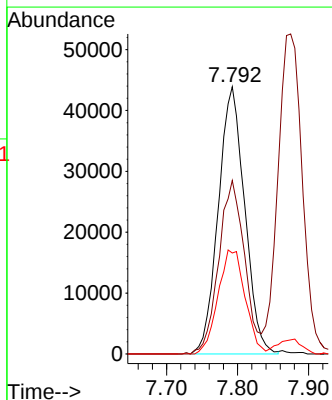
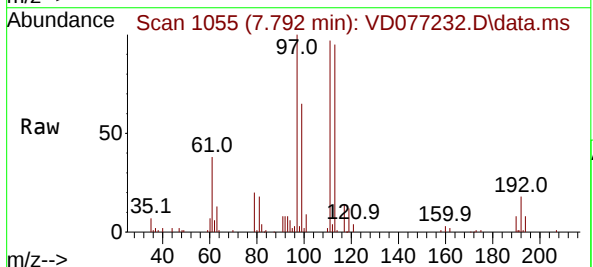
Manual Integrations
APPROVED

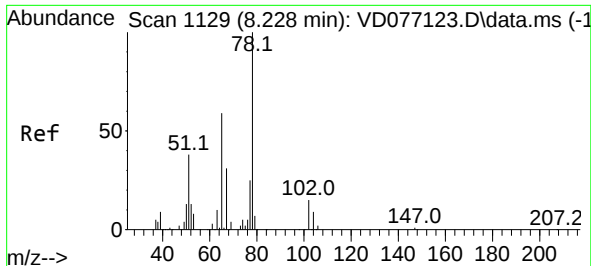
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#32
1,1,1-Trichloroethane
Concen: 22.830 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 97 Resp: 113192
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 40.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.646 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 65 Resp: 117480

Ion Ratio Lower Upper

65 100

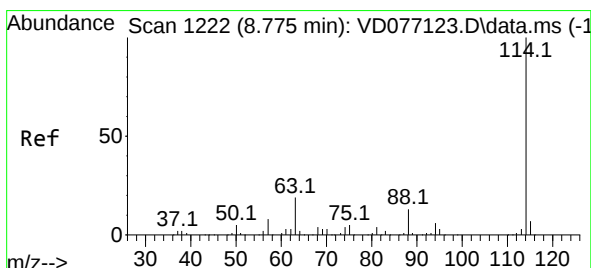
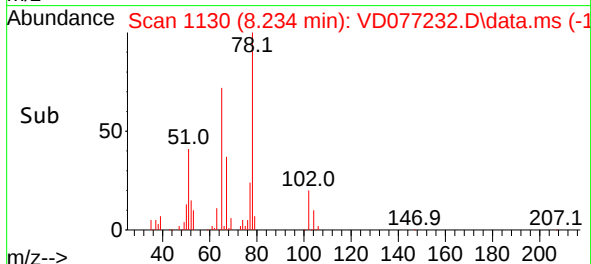
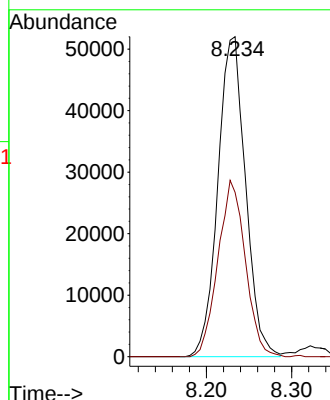
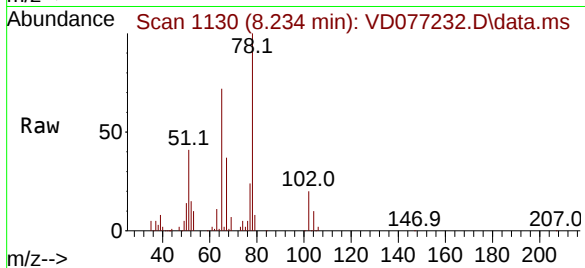
67 54.5 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

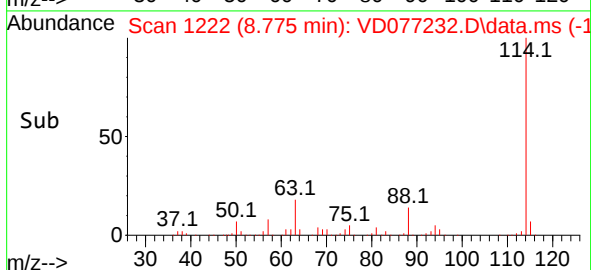
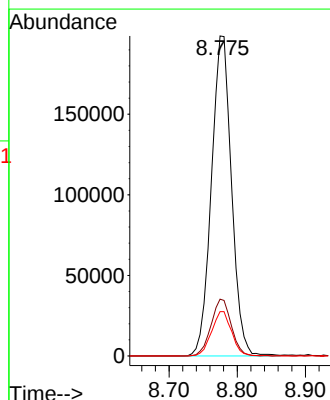
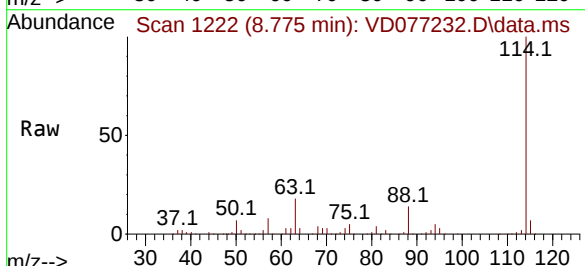
Tgt Ion:114 Resp: 407876

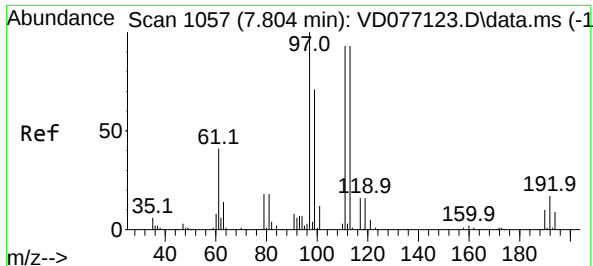
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.919 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 113 Resp: 13575

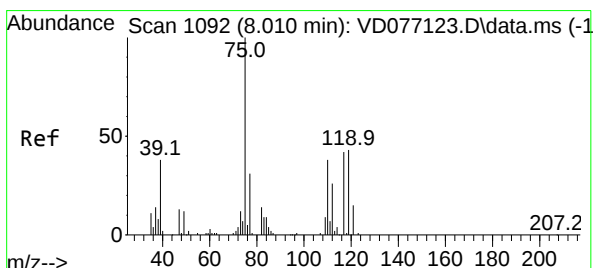
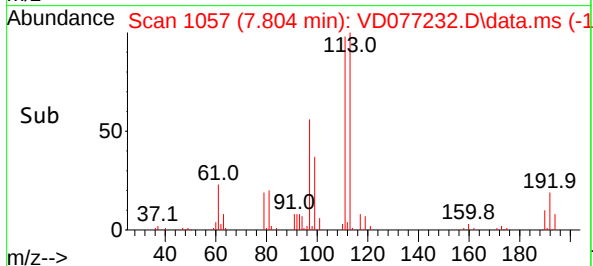
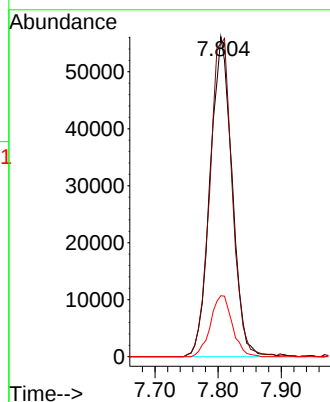
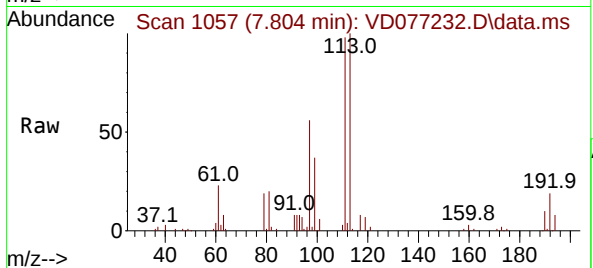
Ion	Ratio	Lower	Upper
113	100		
111	101.6	84.7	127.1
192	19.0	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#36

1,1-Dichloropropene

Concen: 22.487 ug/l

RT: 8.004 min Scan# 1091

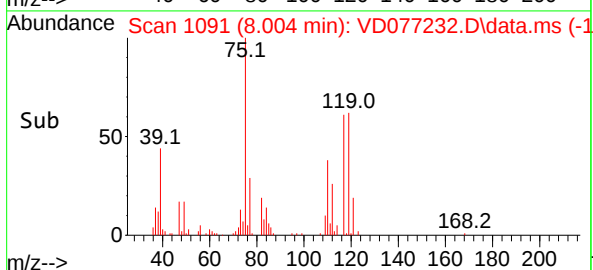
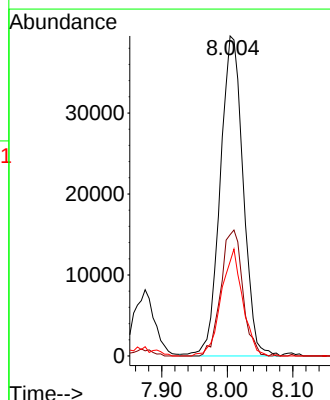
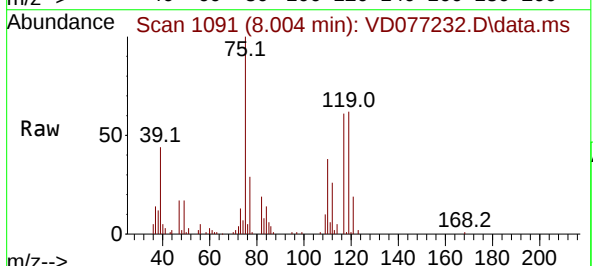
Delta R.T. -0.006 min

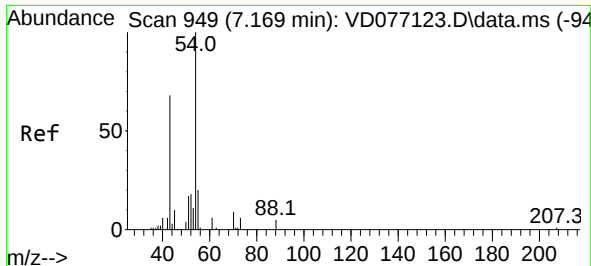
Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Tgt Ion: 75 Resp: 95945

Ion	Ratio	Lower	Upper
75	100		
110	37.4	19.9	59.6
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 22.527 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 43 Resp: 36870

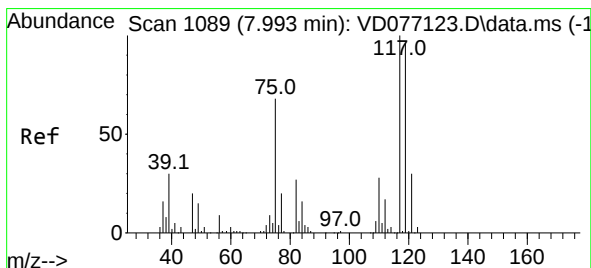
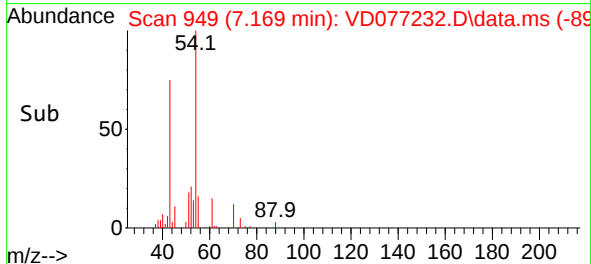
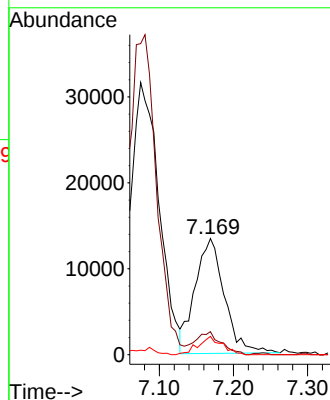
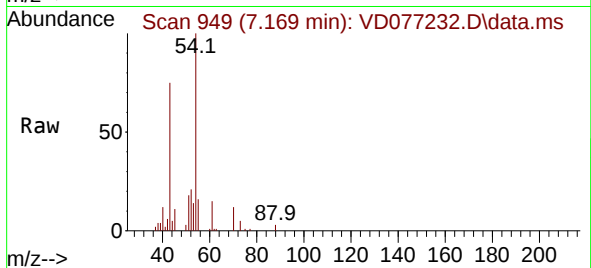
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.9	22.3
70	12.8	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#38

Carbon Tetrachloride

Concen: 22.179 ug/l

RT: 7.992 min Scan# 1089

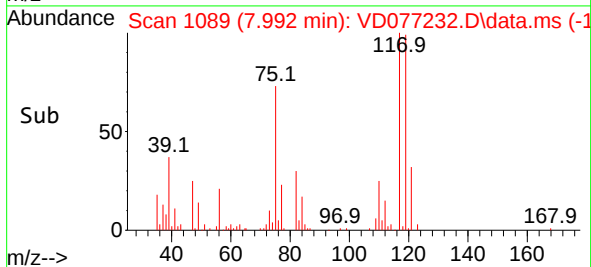
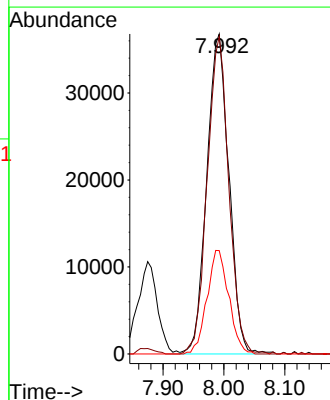
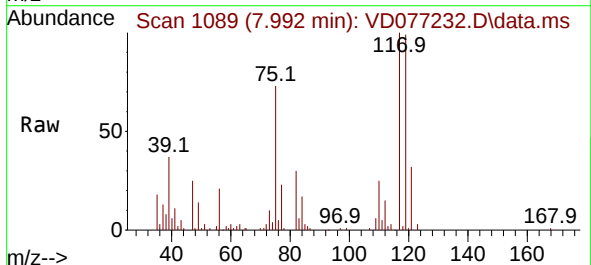
Delta R.T. -0.000 min

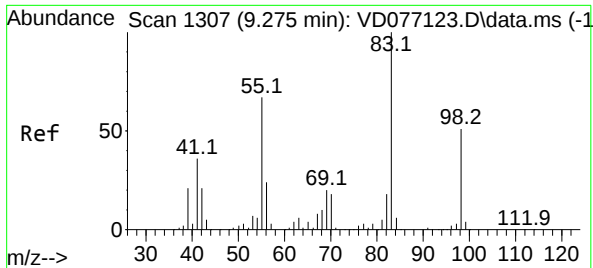
Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Tgt Ion:117 Resp: 93010

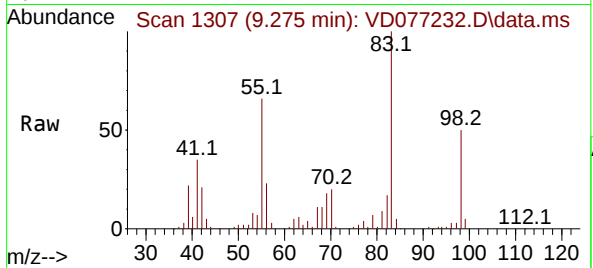
Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.0	117.0
121	32.3	24.2	36.2





#39
Methylcyclohexane
Concen: 21.727 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

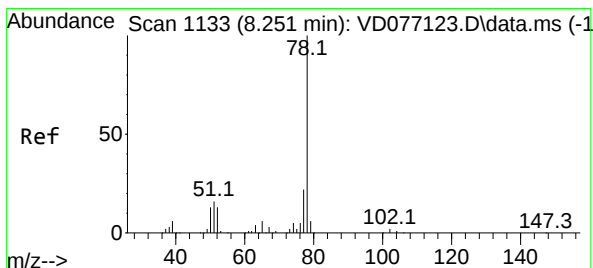
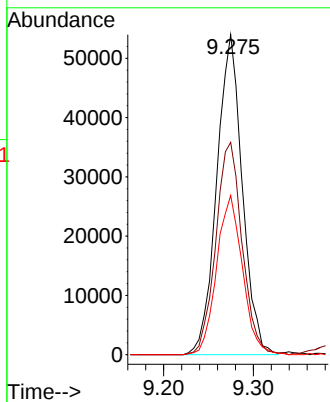
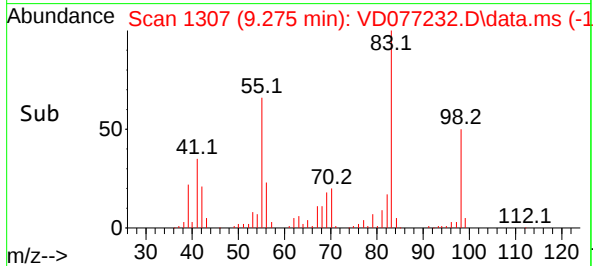
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion: 83 Resp: 106660
Ion Ratio Lower Upper
83 100
55 66.4 49.4 74.0
98 49.8 38.4 57.6

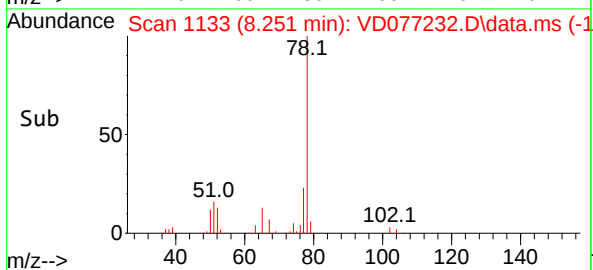
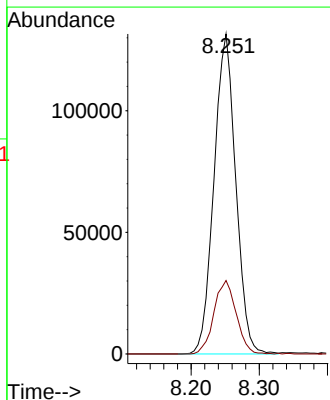
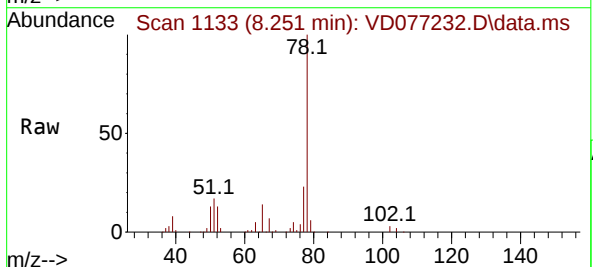
Manual Integrations
APPROVED

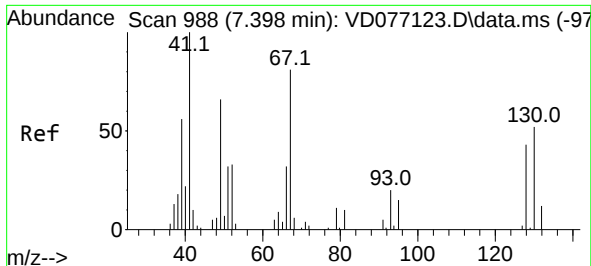
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#40
Benzene
Concen: 22.162 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

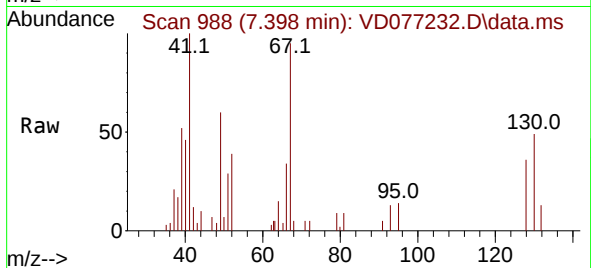
Tgt Ion: 78 Resp: 292545
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0





#41
Methacrylonitrile
Concen: 21.651 ug/l
RT: 7.398 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

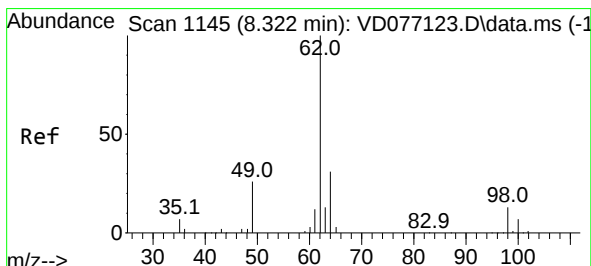
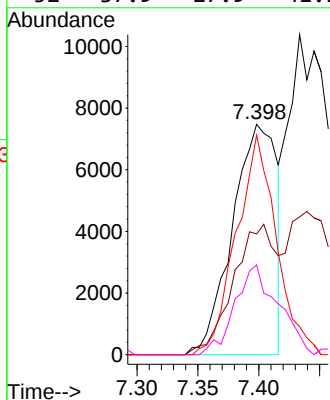
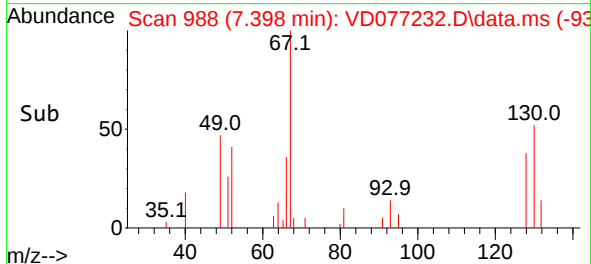
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion: 41 Resp: 1891
Ion Ratio Lower Upper
41 100
39 54.4 34.0 51.0
67 86.3 77.0 115.4
52 37.9 27.9 41.9

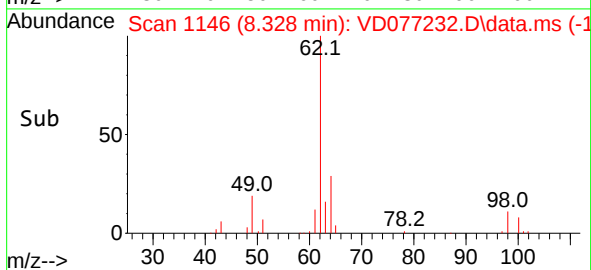
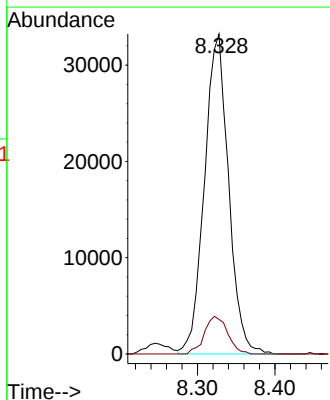
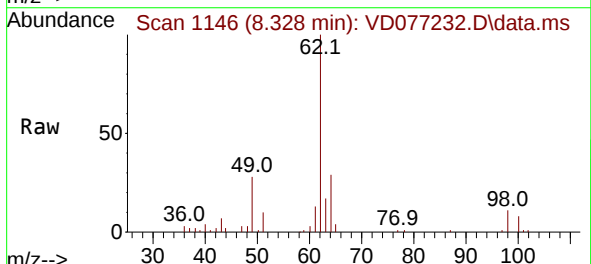
Manual Integrations
APPROVED

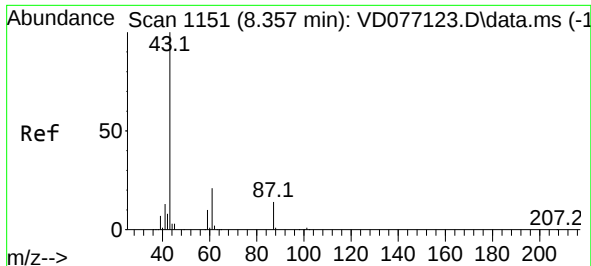
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#42
1,2-Dichloroethane
Concen: 21.970 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 62 Resp: 71904
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4





#43

Isopropyl Acetate

Concen: 22.210 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

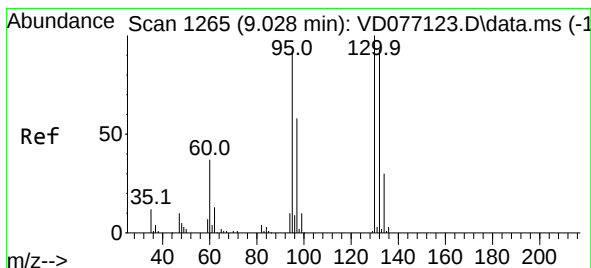
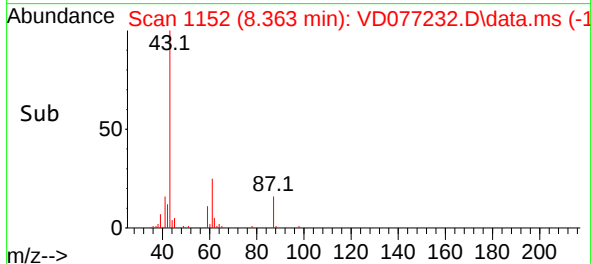
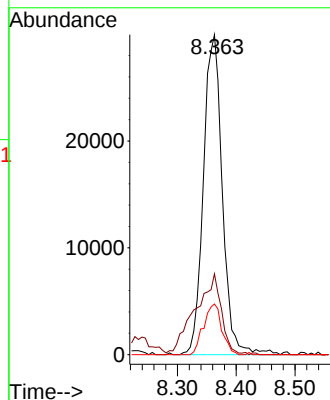
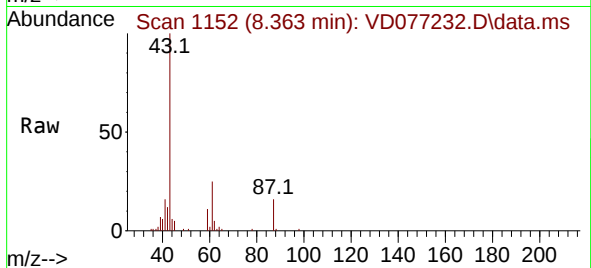
Tgt Ion: 43	Resp: 6694
Ion Ratio	Lower Upper
43 100	
61 34.8	31.4 47.0
87 15.3	14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#44

Trichloroethene

Concen: 21.321 ug/l

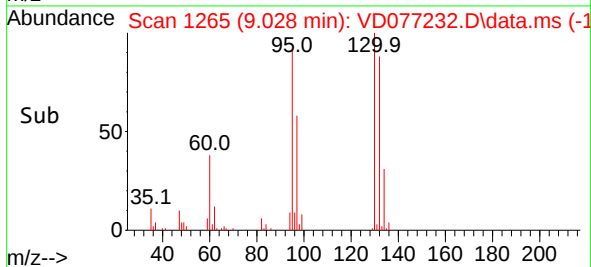
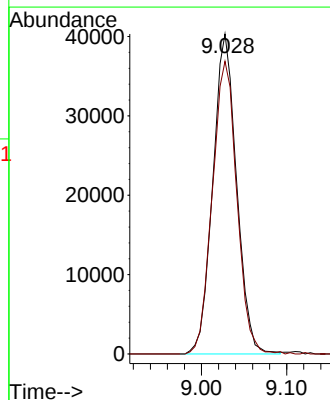
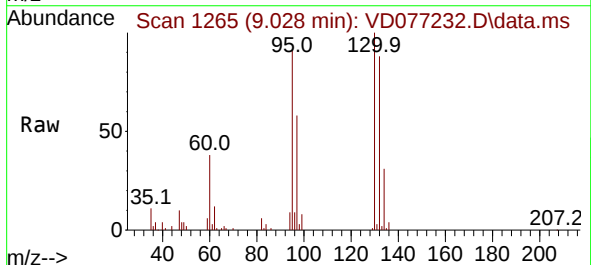
RT: 9.028 min Scan# 1265

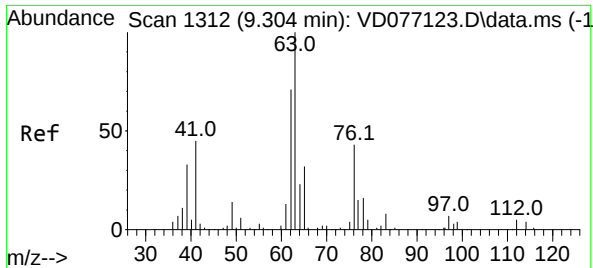
Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Tgt Ion:130	Resp: 77899
Ion Ratio	Lower Upper
130 100	
95 91.4	0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.776 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

Tgt Ion: 63 Resp: 7302

Ion Ratio Lower Upper

63 100

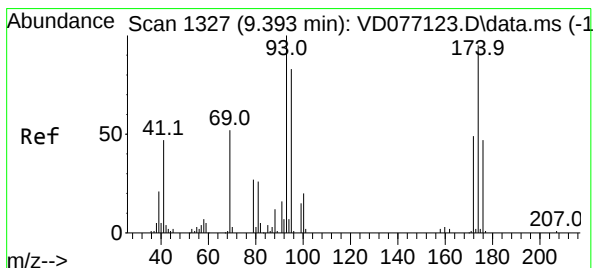
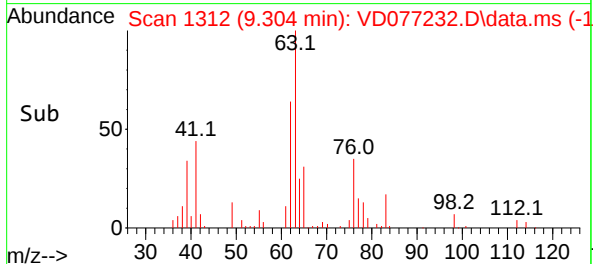
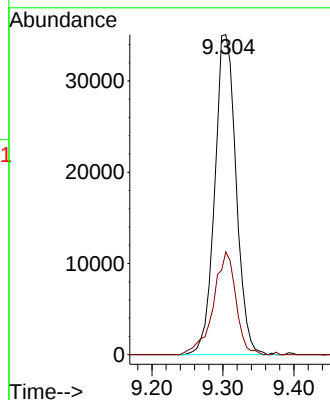
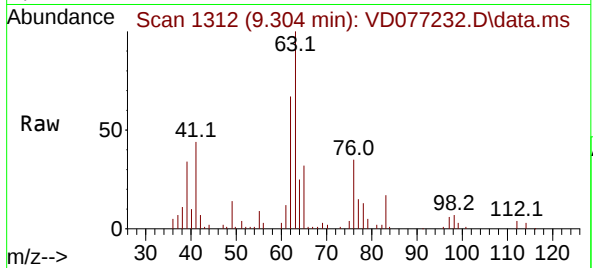
65 32.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#46

Dibromomethane

Concen: 21.581 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

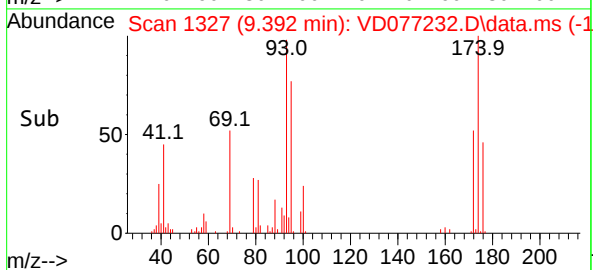
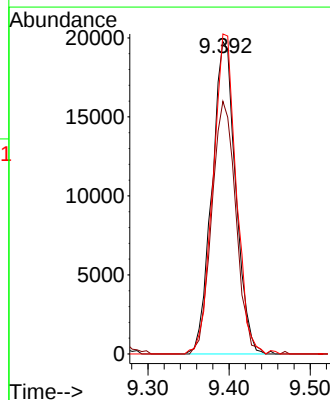
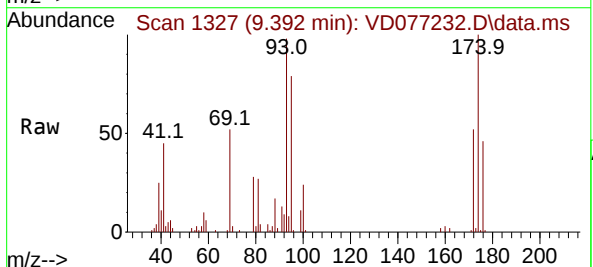
Tgt Ion: 93 Resp: 40208

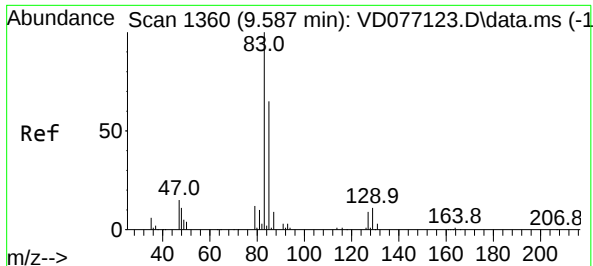
Ion Ratio Lower Upper

93 100

95 81.9 67.7 101.5

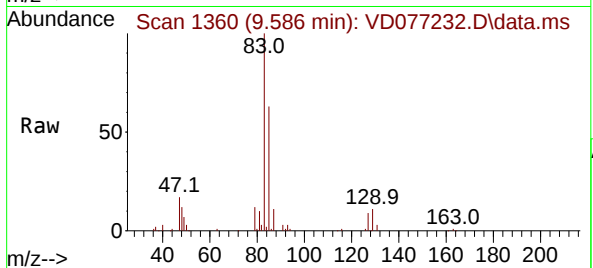
174 99.7 85.4 128.2





#47
Bromodichloromethane
Concen: 21.027 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

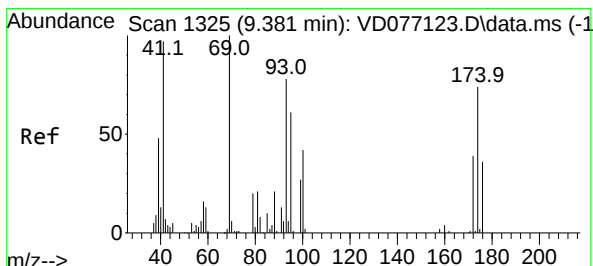
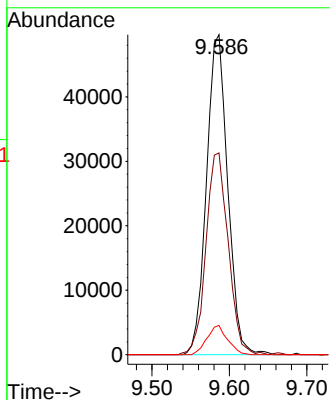
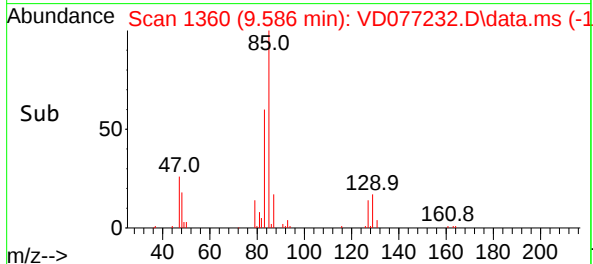
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion: 83 Resp: 94670
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 9.1 6.3 9.5

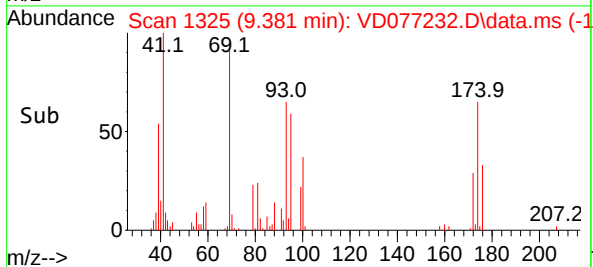
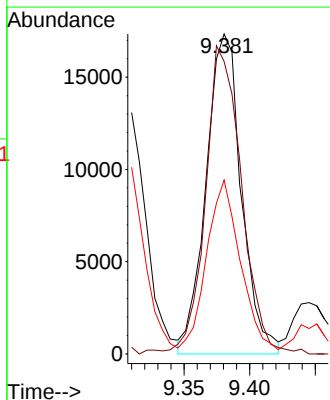
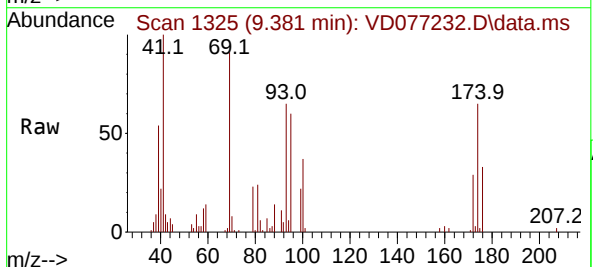
Manual Integrations
APPROVED

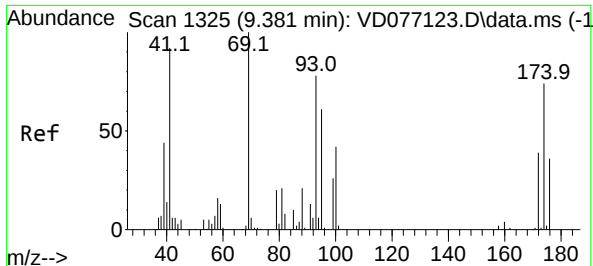
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#48
Methyl methacrylate
Concen: 23.778 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 41 Resp: 32565
Ion Ratio Lower Upper
41 100
69 98.5 102.2 153.2#
39 50.2 41.4 62.2





#49

1,4-Dioxane

Concen: 466.354 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. 0.012 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

Tgt Ion: 88 Resp: 784

Ion Ratio Lower Upper

88 100

43 30.6 19.0 28.6

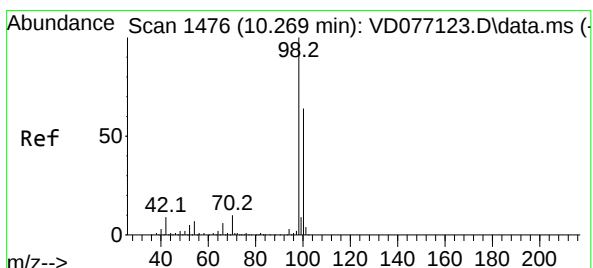
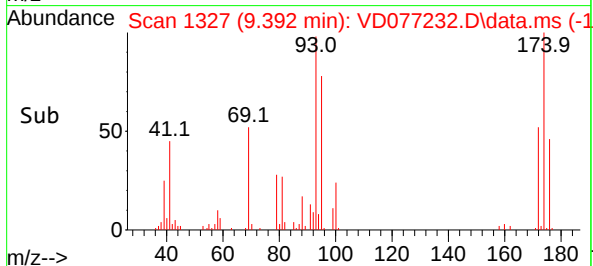
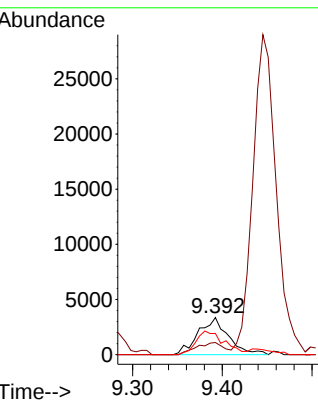
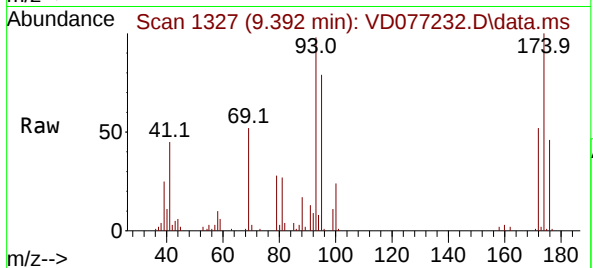
58 59.2 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#50

Toluene-d8

Concen: 49.310 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077232.D

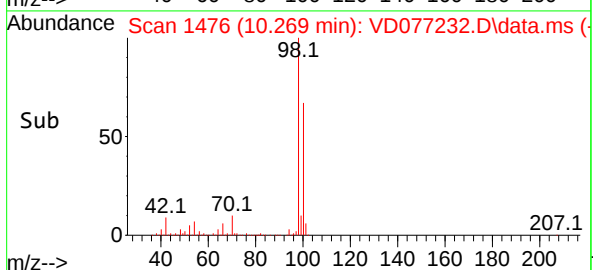
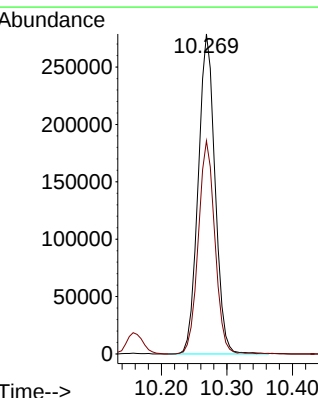
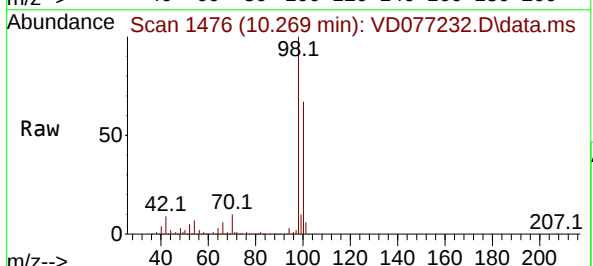
Acq: 28 Sep 2023 15:10

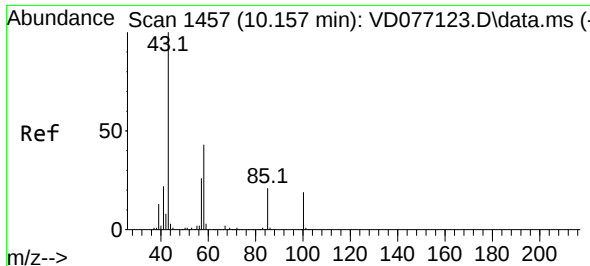
Tgt Ion: 98 Resp: 497251

Ion Ratio Lower Upper

98 100

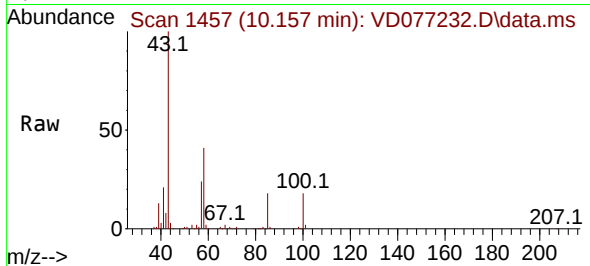
100 65.5 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 115.380 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

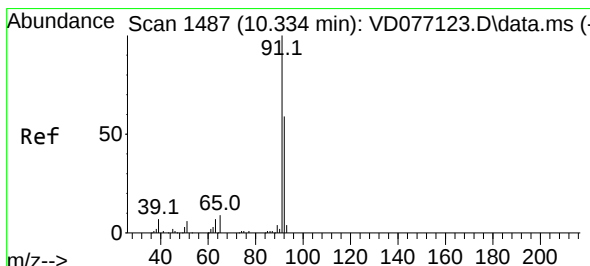
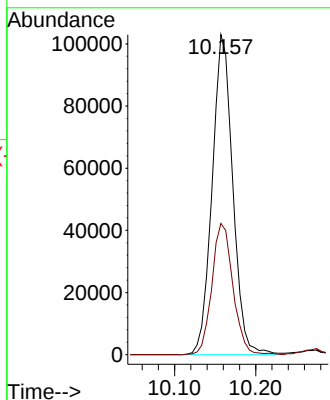
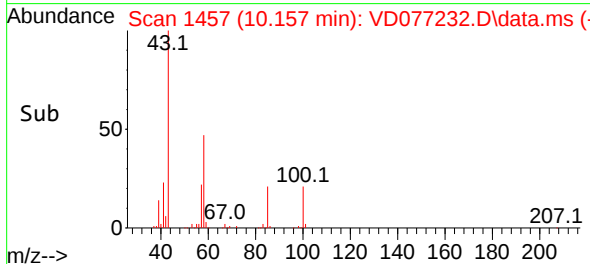
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion: 43 Resp: 181868
Ion Ratio Lower Upper
43 100
58 41.7 38.9 58.3

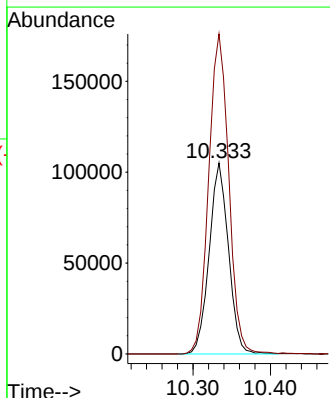
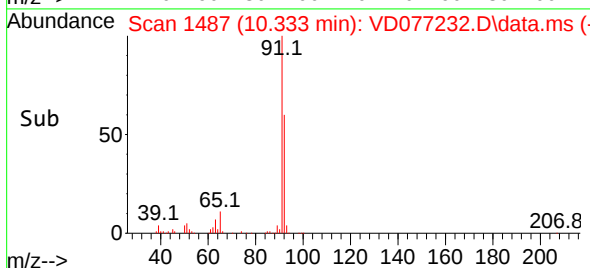
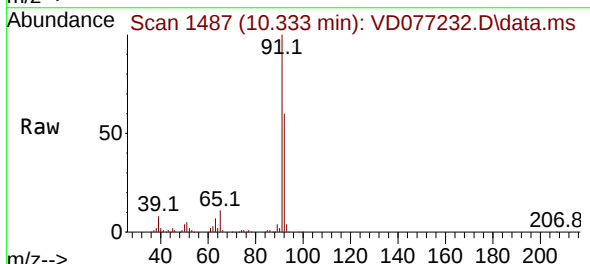
Manual Integrations
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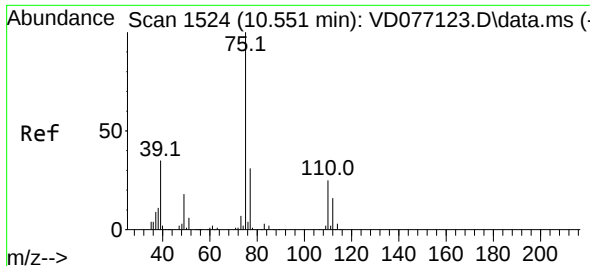
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#52
Toluene
Concen: 21.528 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 92 Resp: 181799
Ion Ratio Lower Upper
92 100
91 174.0 143.0 214.4





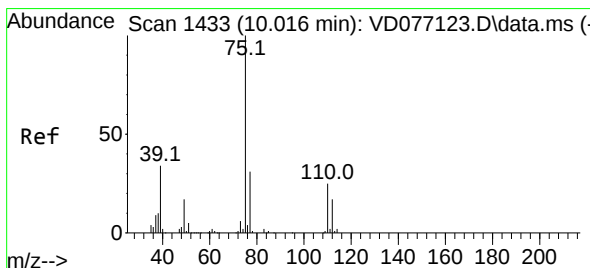
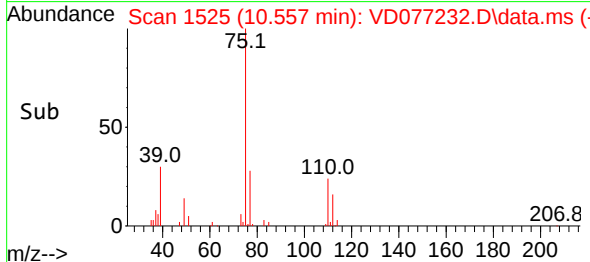
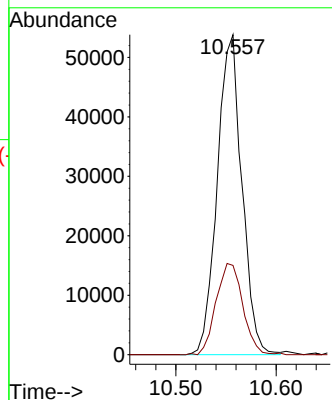
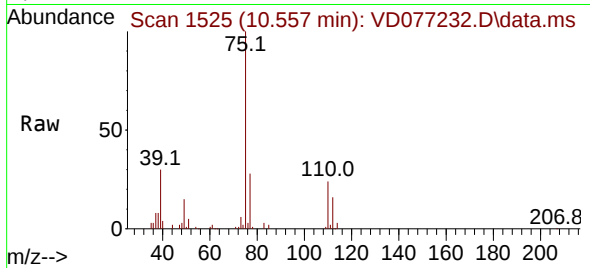
#53
t-1,3-Dichloropropene
Concen: 21.800 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tgt Ion: 75 Resp: 91699
Ion Ratio Lower Upper
75 100
77 27.9 25.3 37.9

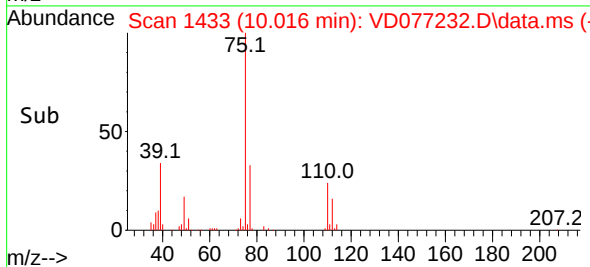
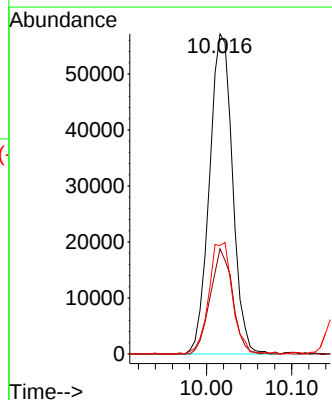
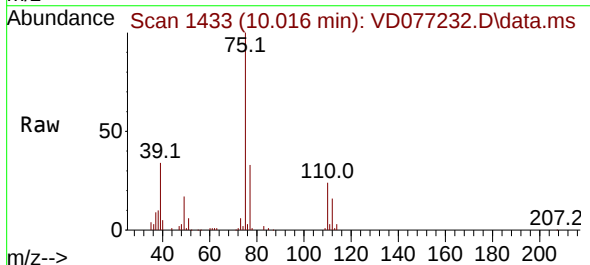
Manual Integrations
APPROVED

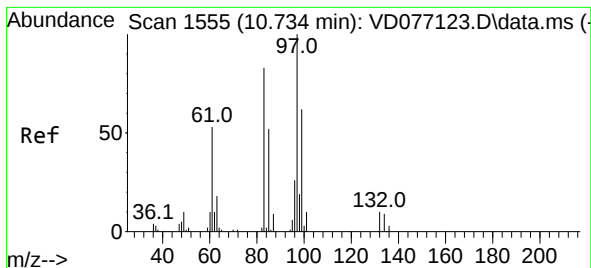
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#54
cis-1,3-Dichloropropene
Concen: 21.349 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

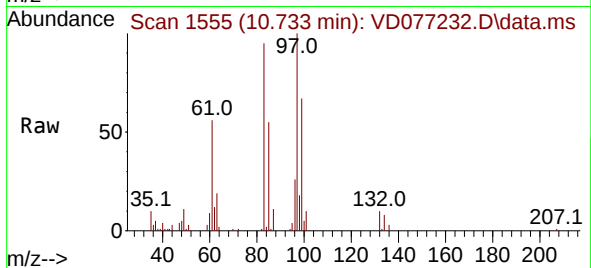
Tgt Ion: 75 Resp: 107590
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 33.9 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.841 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

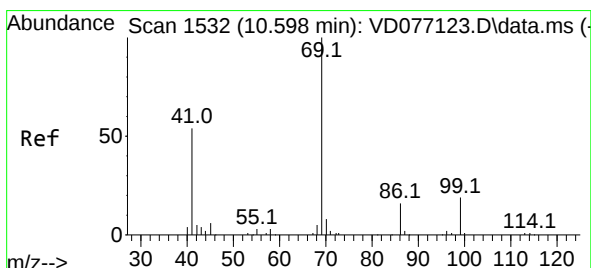
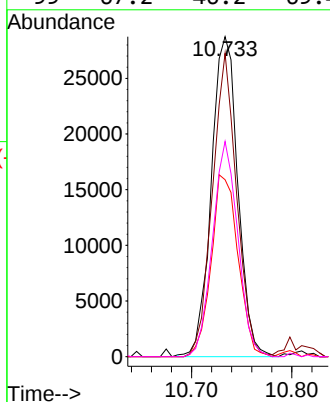
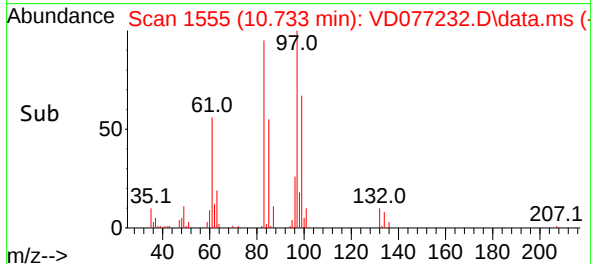
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.8	65.8	98.6
85	55.3	45.7	68.5
99	67.2	46.2	69.4

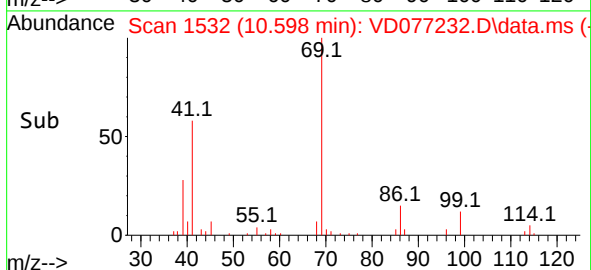
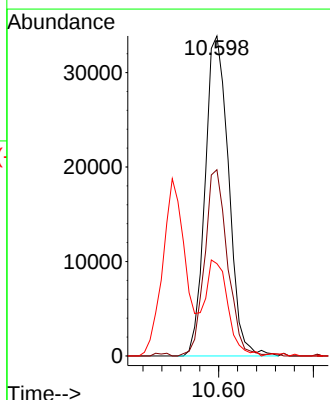
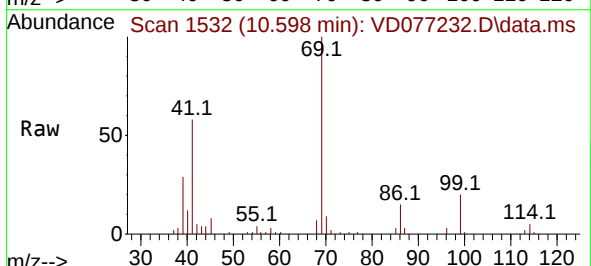
Manual Integrations
APPROVED

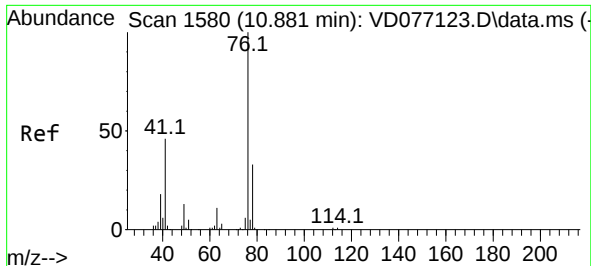
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#56
Ethyl methacrylate
Concen: 21.482 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.8	39.1	58.7
39	29.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 22.040 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBSD01

Tgt Ion: 76 Resp: 9041

Ion Ratio Lower Upper

76 100

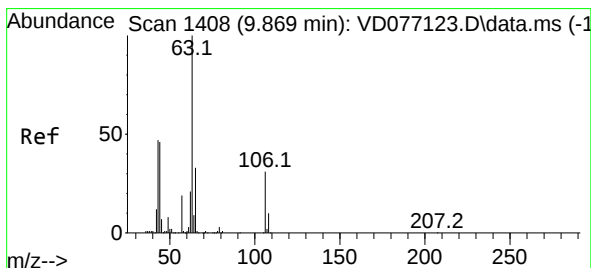
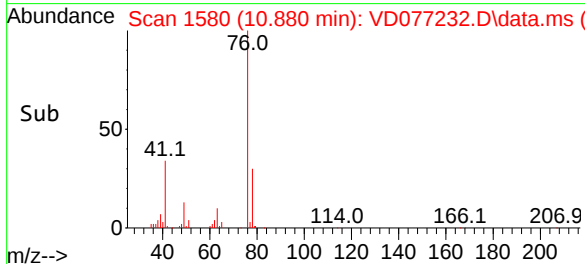
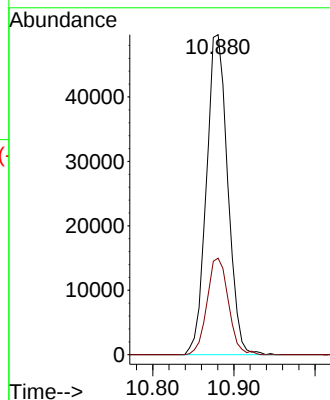
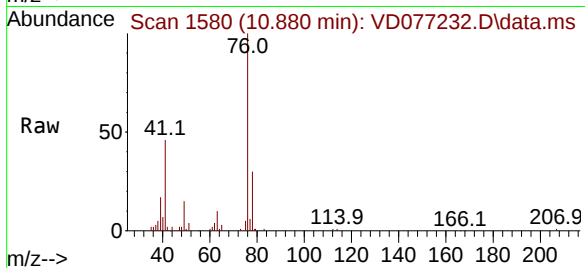
78 30.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 78.269 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077232.D

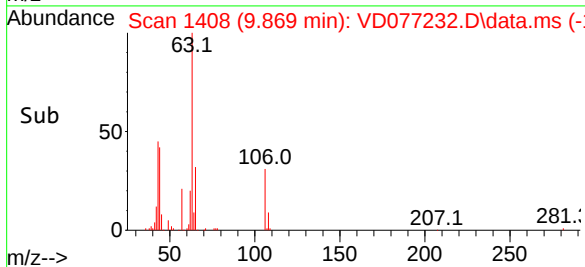
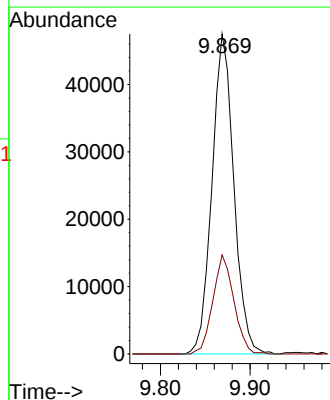
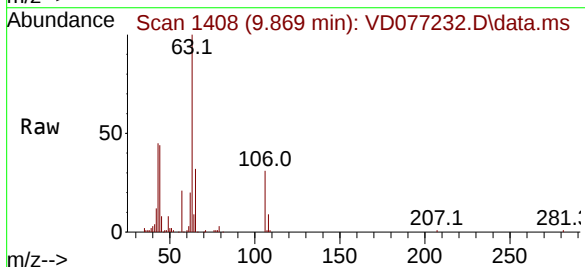
Acq: 28 Sep 2023 15:10

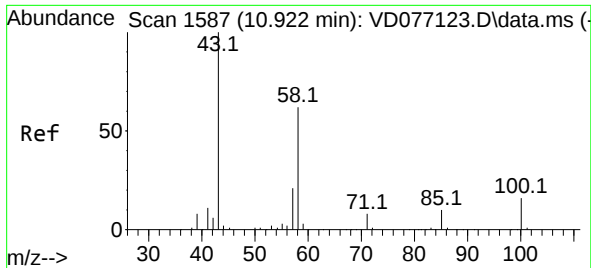
Tgt Ion: 63 Resp: 80226

Ion Ratio Lower Upper

63 100

106 29.7 25.3 37.9





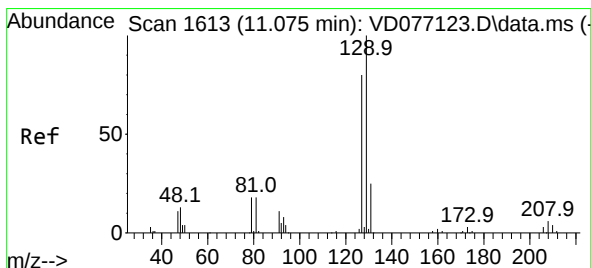
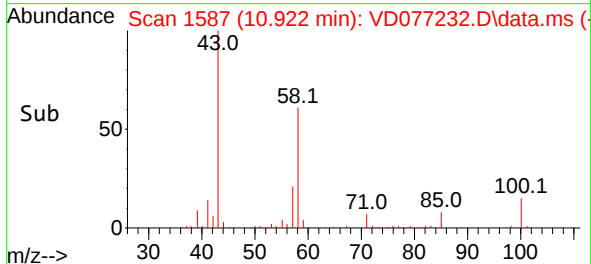
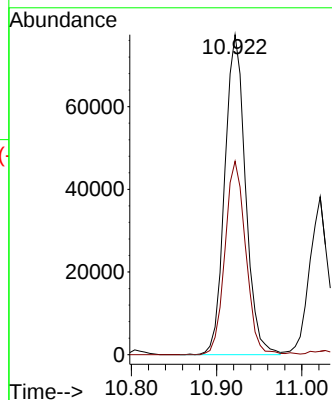
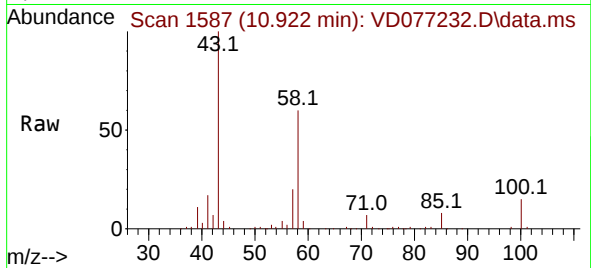
#59
2-Hexanone
Concen: 115.730 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tgt Ion: 43 Resp: 130880
Ion Ratio Lower Upper
43 100
58 60.3 34.1 102.2

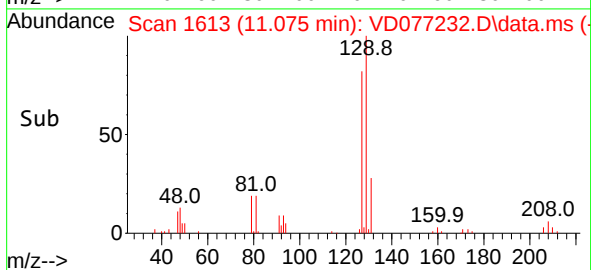
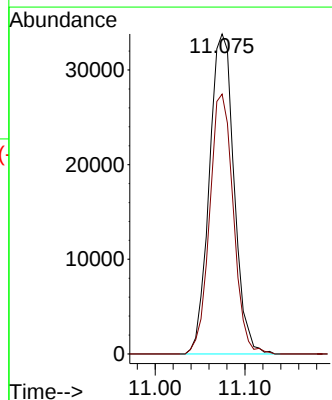
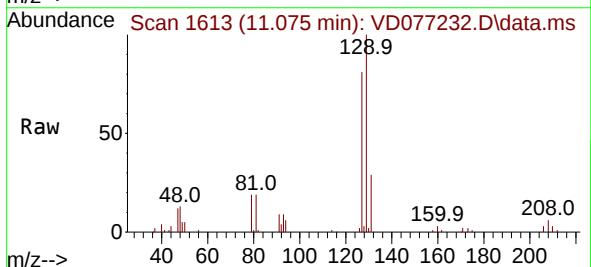
Manual Integrations
APPROVED

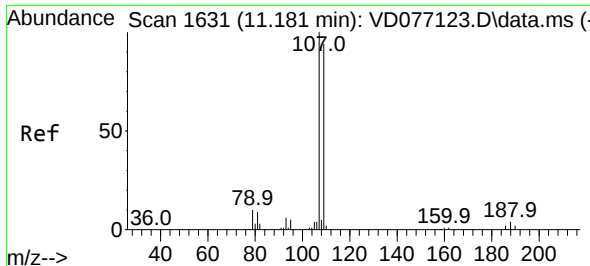
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#60
Dibromochloromethane
Concen: 20.855 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion:129 Resp: 64729
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5





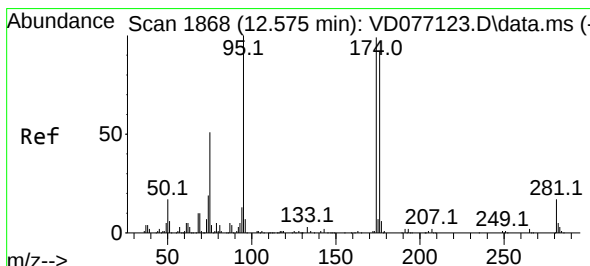
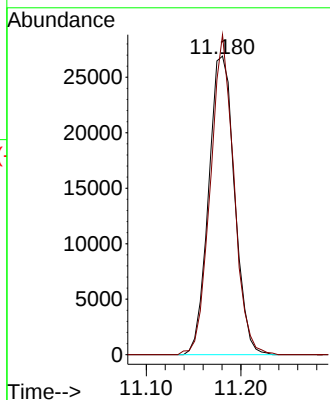
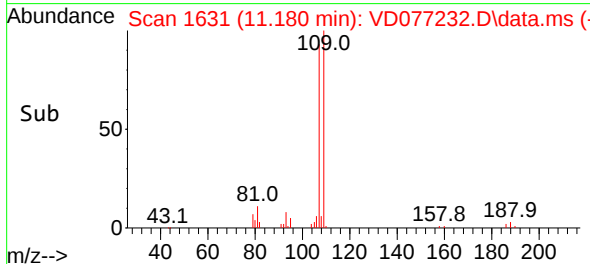
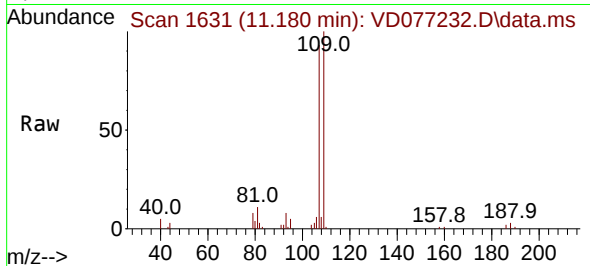
#61
1,2-Dibromoethane
Concen: 20.895 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tgt Ion:107 Resp: 51189
Ion Ratio Lower Upper
107 100
109 96.9 75.6 113.4

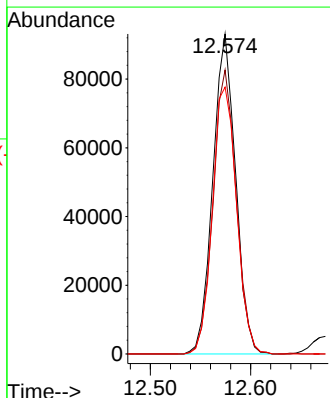
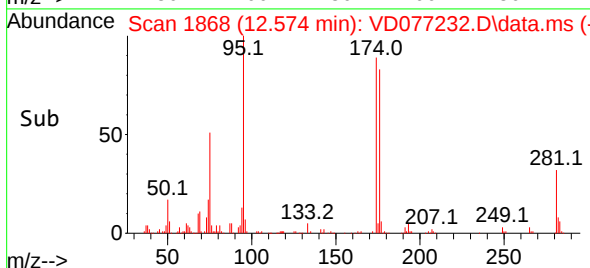
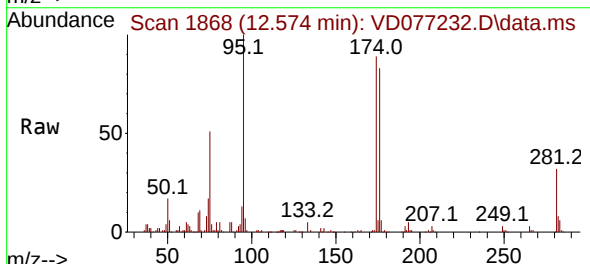
Manual Integrations
APPROVED

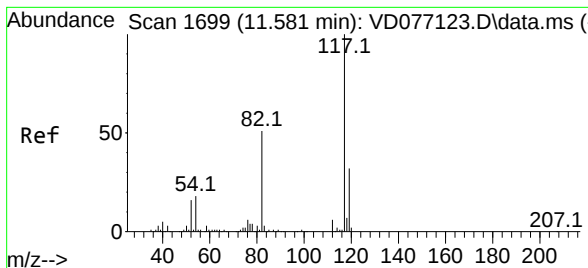
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#62
4-Bromofluorobenzene
Concen: 46.932 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

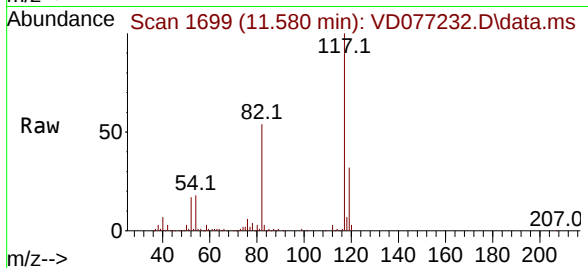
Tgt Ion: 95 Resp: 146688
Ion Ratio Lower Upper
95 100
174 90.4 0.0 201.8
176 88.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

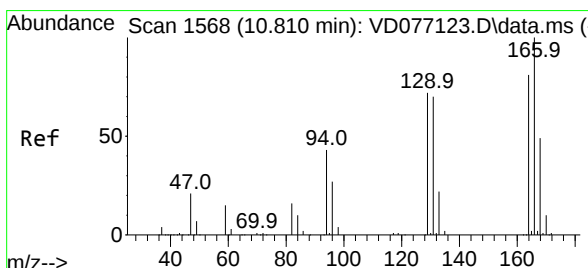
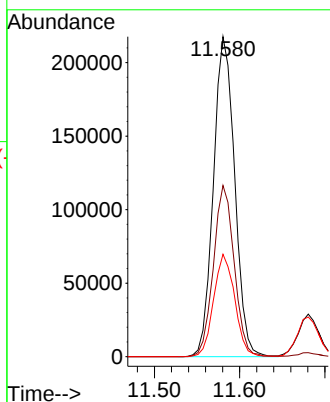
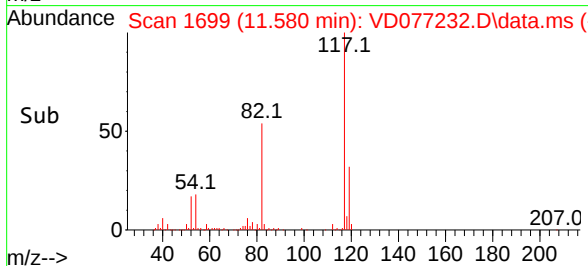
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



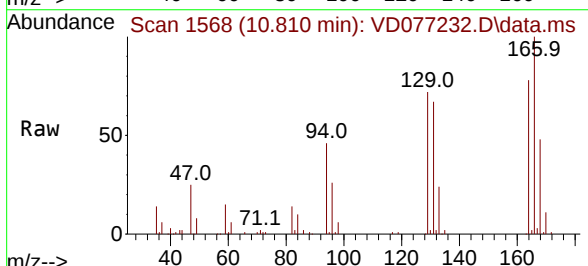
Tgt Ion:117 Resp: 378194
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 32.0 25.0 37.4

Manual Integrations
APPROVED

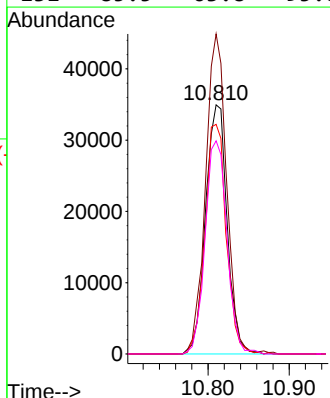
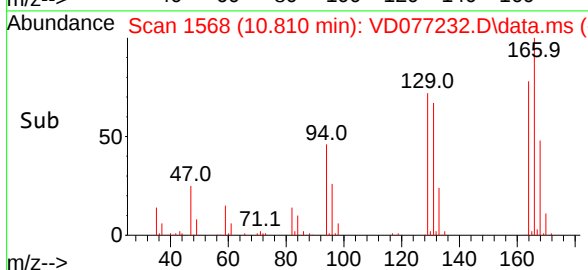
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

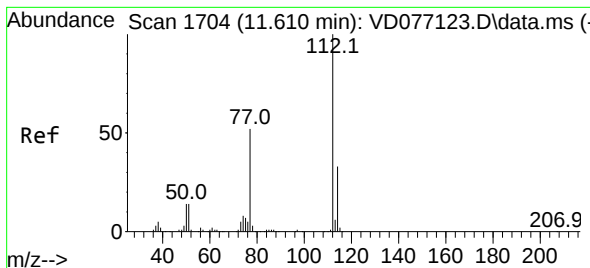


#64
Tetrachloroethene
Concen: 21.954 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10



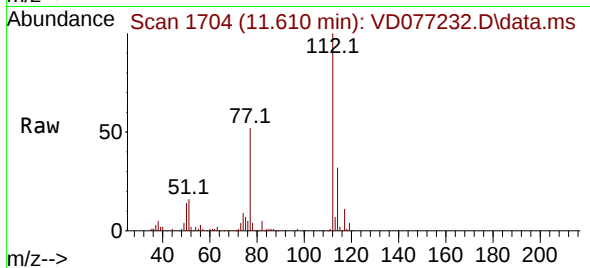
Tgt Ion:164 Resp: 64600
Ion Ratio Lower Upper
164 100
166 128.4 99.2 148.8
129 92.1 68.4 102.6
131 85.5 63.8 95.8





#65
Chlorobenzene
Concen: 21.560 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

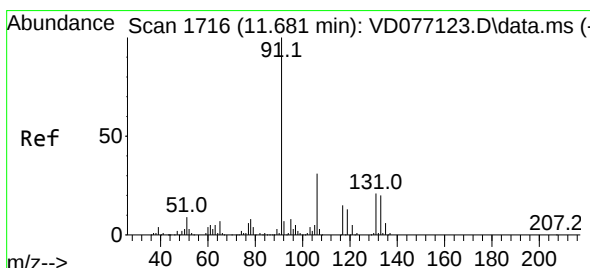
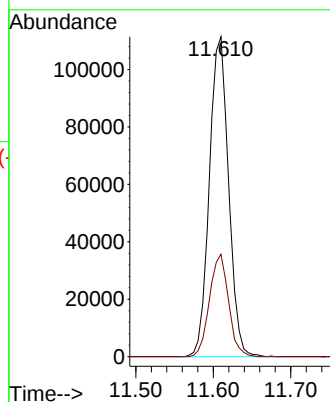
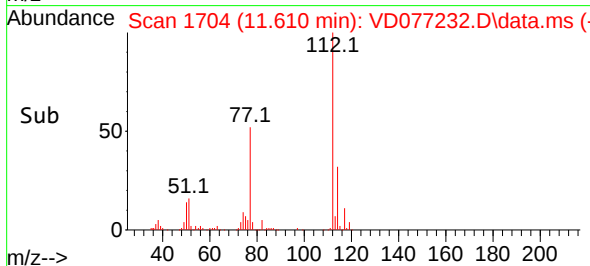
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



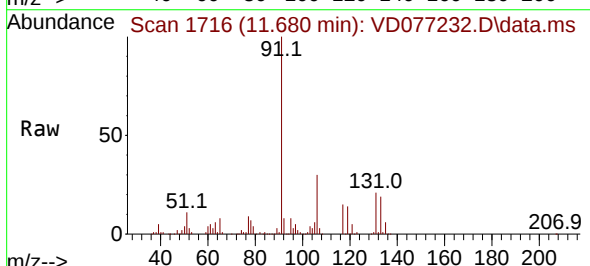
Tgt Ion:112 Resp: 191810
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

Manual Integrations
APPROVED

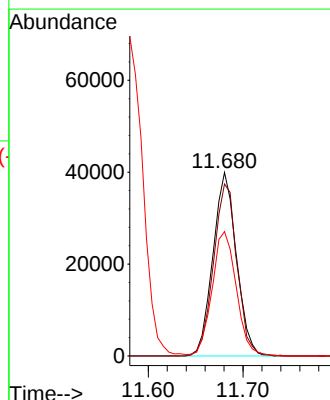
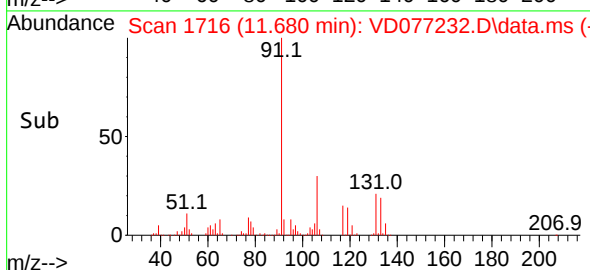
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

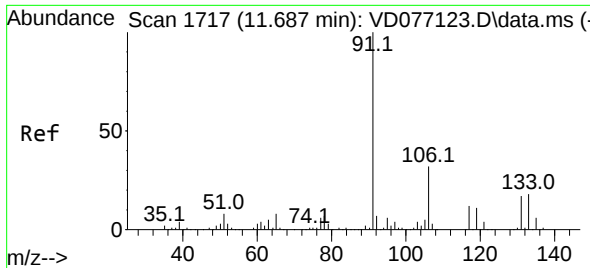


#66
1,1,1,2-Tetrachloroethane
Concen: 21.138 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10



Tgt Ion:131 Resp: 68802
Ion Ratio Lower Upper
131 100
133 93.6 48.5 145.5
119 70.1 35.6 106.9





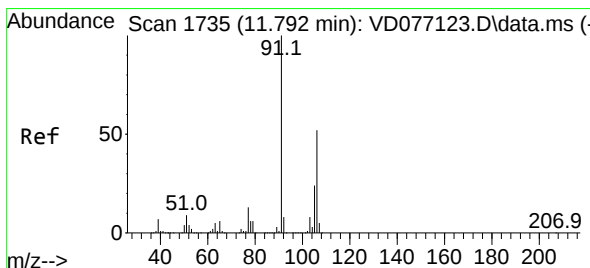
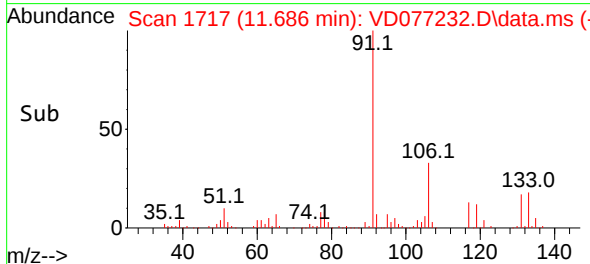
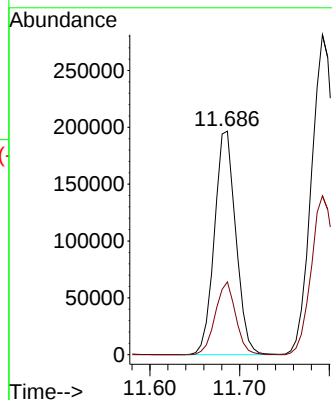
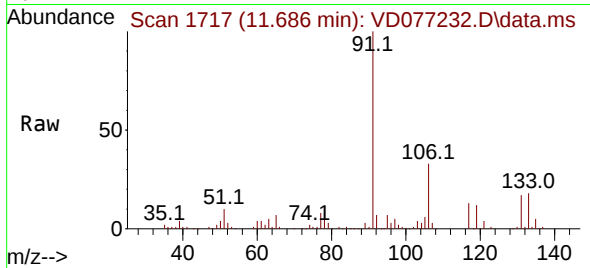
#67
Ethyl Benzene
Concen: 21.297 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tgt Ion: 91 Resp: 32568
Ion Ratio Lower Upper
91 100
106 32.6 26.5 39.7

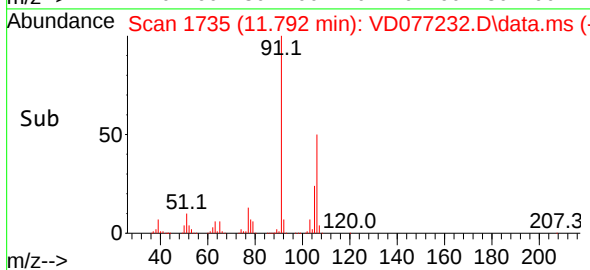
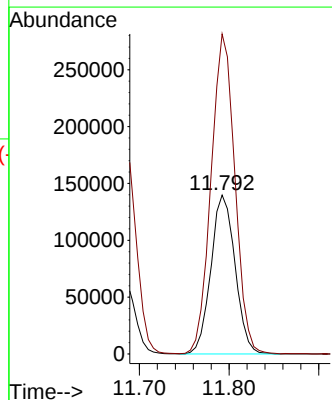
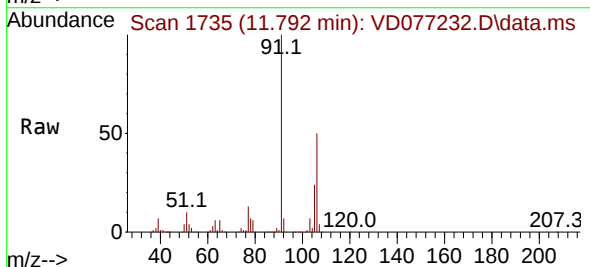
Manual Integrations
APPROVED

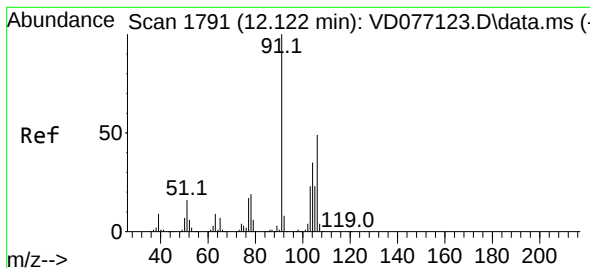
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#68
m/p-Xylenes
Concen: 42.648 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion:106 Resp: 261132
Ion Ratio Lower Upper
106 100
91 199.0 147.0 220.6





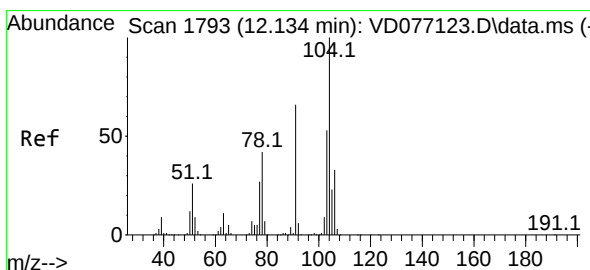
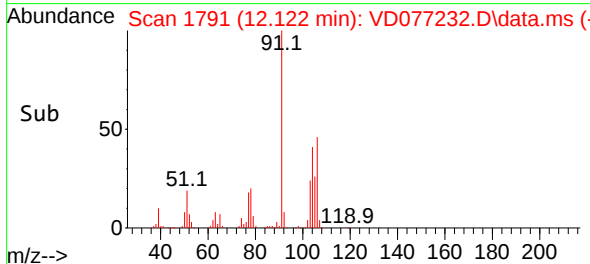
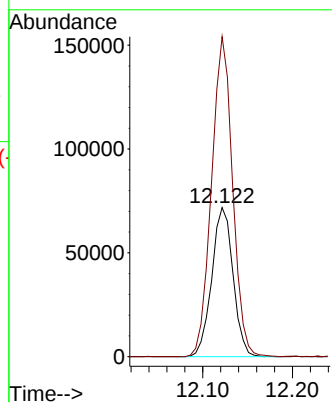
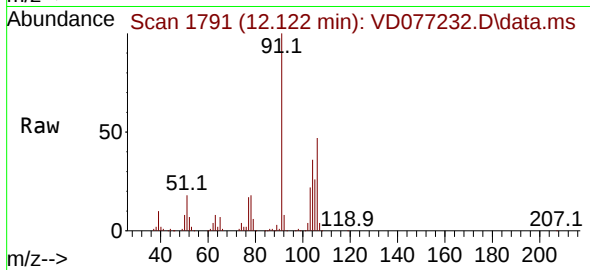
#69
o-Xylene
Concen: 21.010 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tgt Ion:106 Resp: 118072
Ion Ratio Lower Upper
106 100
91 212.6 97.9 293.6

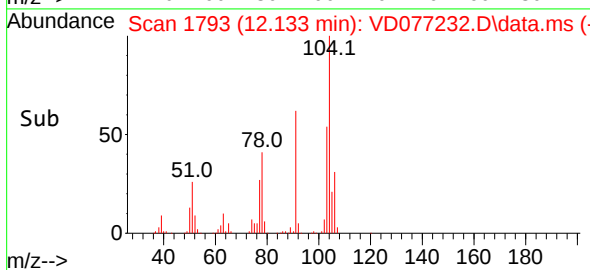
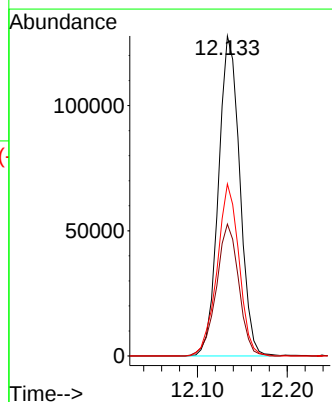
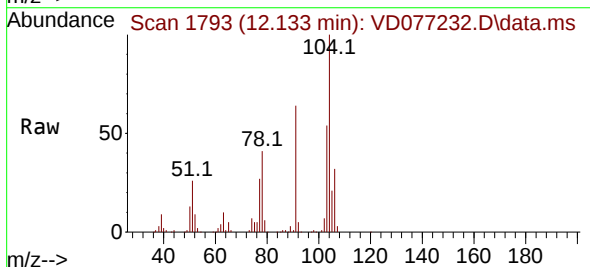
Manual Integrations
APPROVED

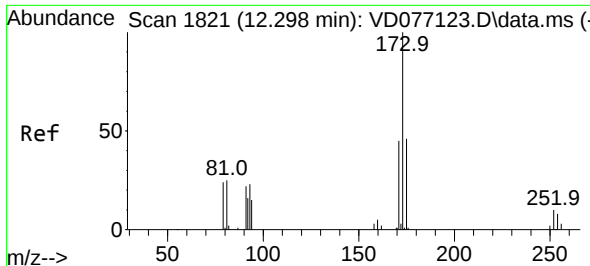
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#70
Styrene
Concen: 21.993 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

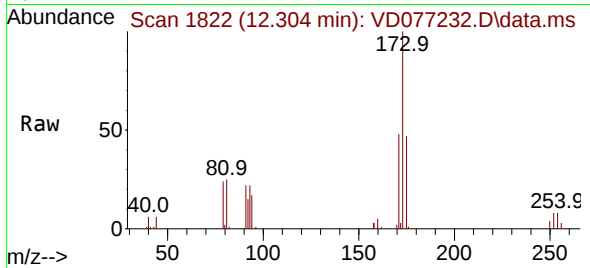
Tgt Ion:104 Resp: 210575
Ion Ratio Lower Upper
104 100
78 43.4 33.2 49.8
103 55.3 43.6 65.4





#71
Bromoform
Concen: 20.378 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

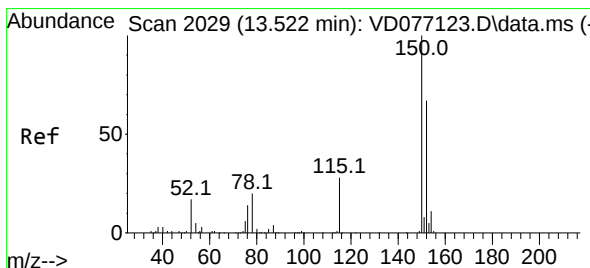
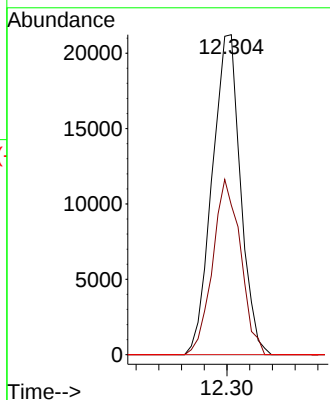
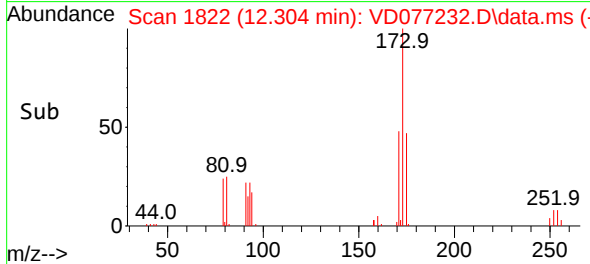
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



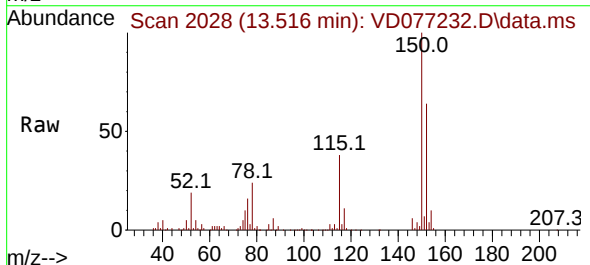
Tgt Ion:173 Resp: 36760
Ion Ratio Lower Upper
173 100
175 54.0 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

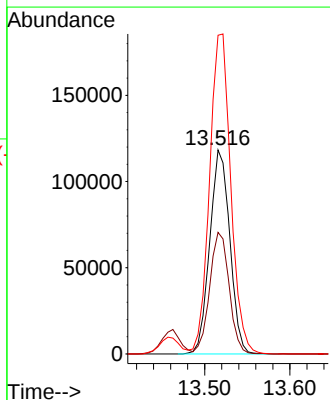
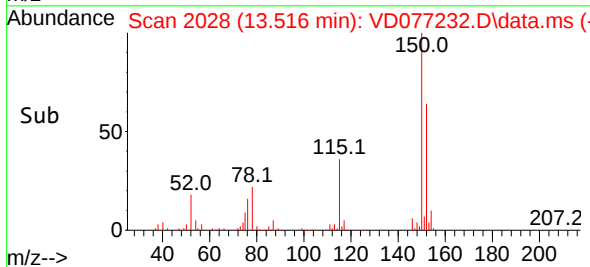
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

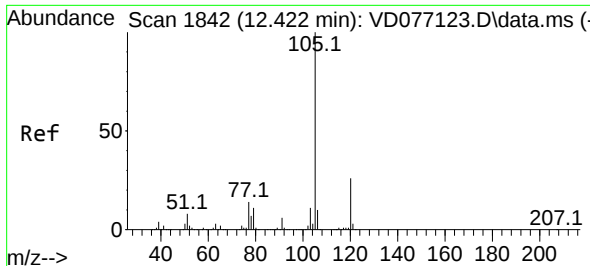


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10



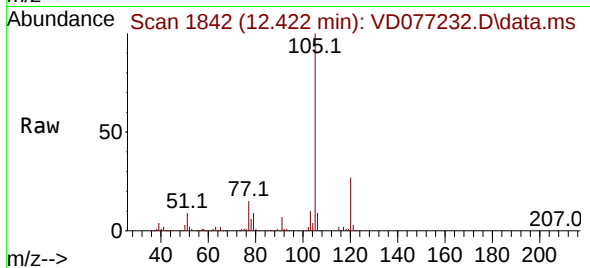
Tgt Ion:152 Resp: 193795
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 165.6 0.0 353.6





#73
Isopropylbenzene
Concen: 21.752 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

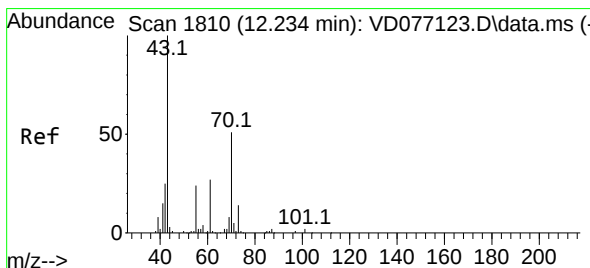
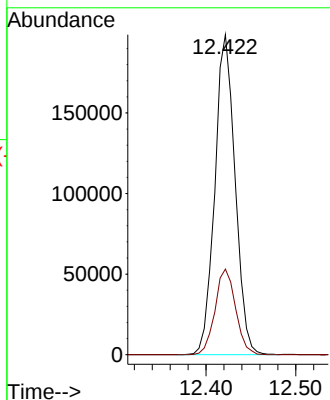
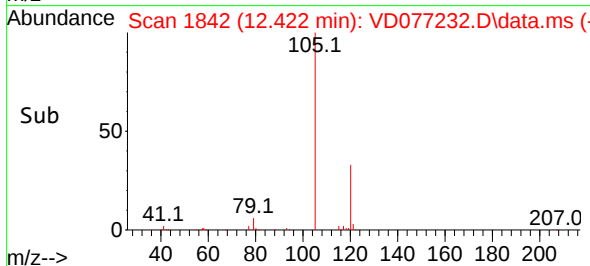
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



Tgt Ion:105 Resp: 31147
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9

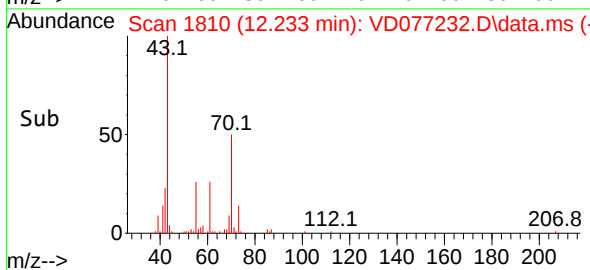
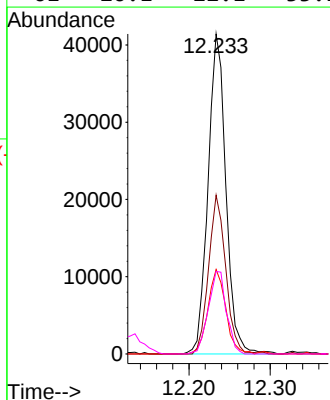
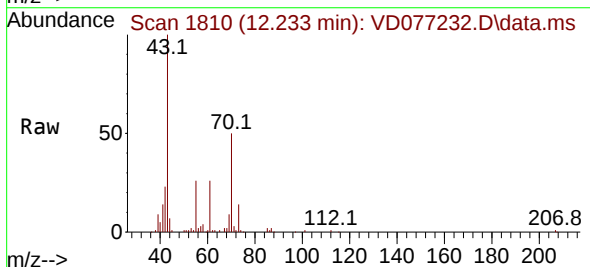
Manual Integrations
APPROVED

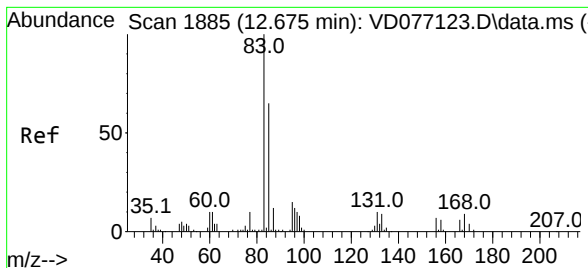
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#74
N-ethyl acetate
Concen: 23.552 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

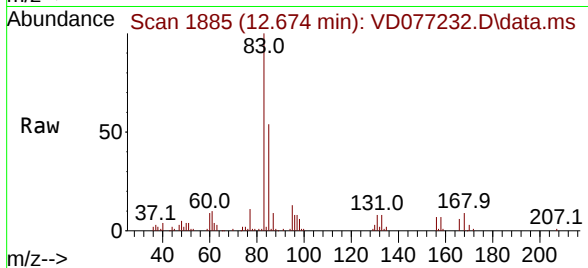
Tgt Ion: 43 Resp: 63352
Ion Ratio Lower Upper
43 100
70 47.6 45.0 67.4
55 26.3 23.8 35.6
61 26.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 23.221 ug/l
RT: 12.674 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

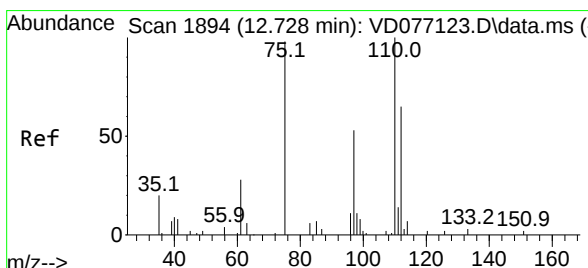
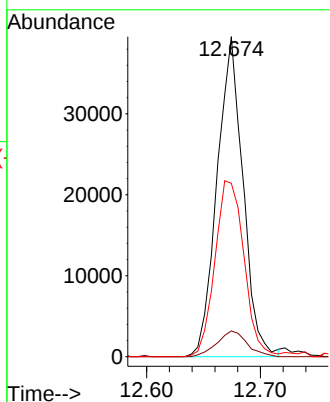
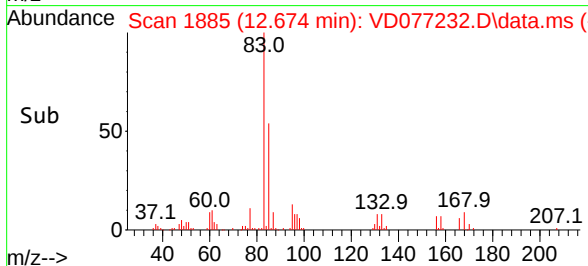
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion: 83 Resp: 62750
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 61.5 32.6 97.8

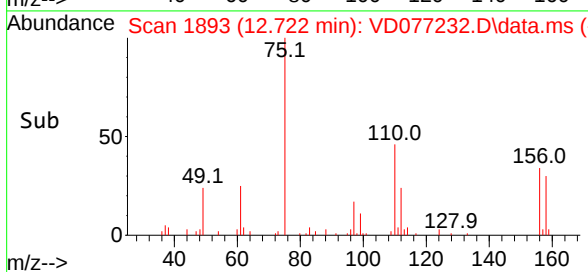
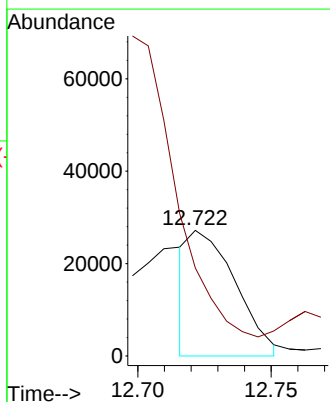
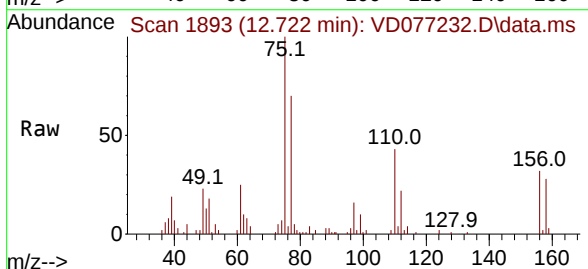
Manual Integrations
APPROVED

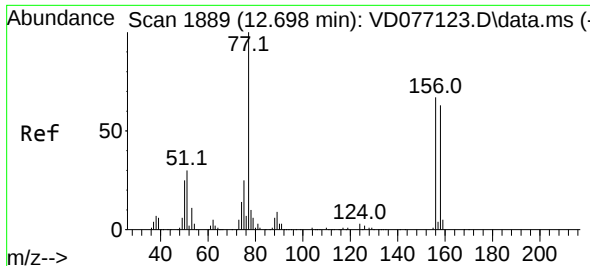
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#76
1,2,3-Trichloropropane
Concen: 21.364 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 75 Resp: 33025
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





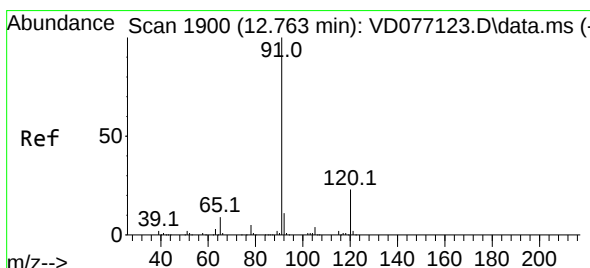
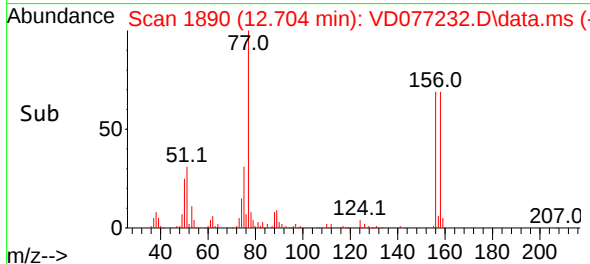
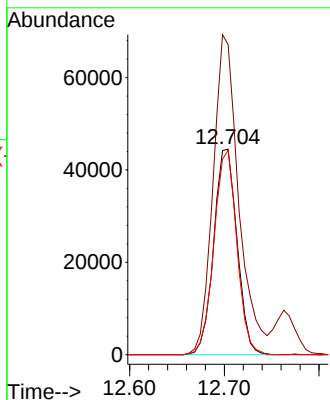
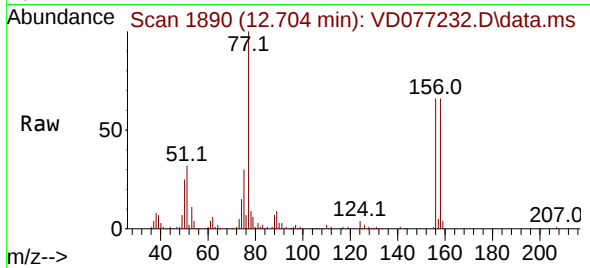
#77
Bromobenzene
Concen: 21.417 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:156 Resp: 7636
Ion Ratio Lower Upper
156 100
77 171.1 76.8 230.4
158 97.3 48.6 145.9

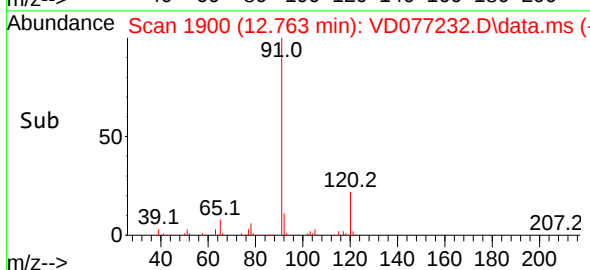
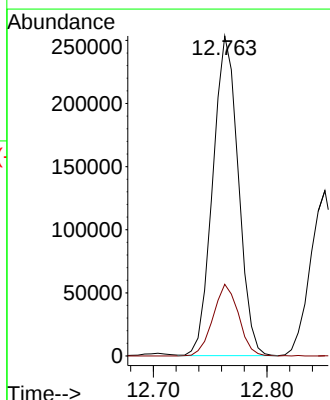
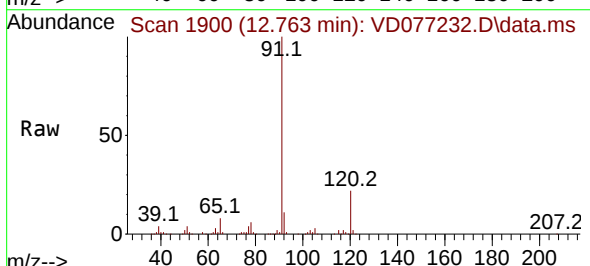
Manual Integrations
APPROVED

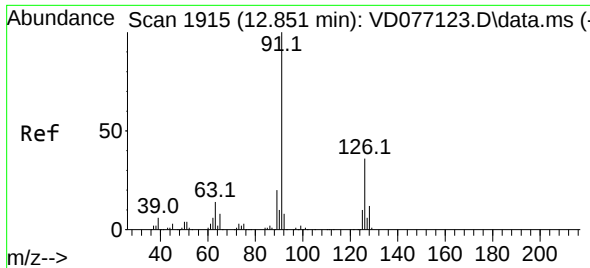
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#78
n-propylbenzene
Concen: 22.586 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion: 91 Resp: 395333
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2





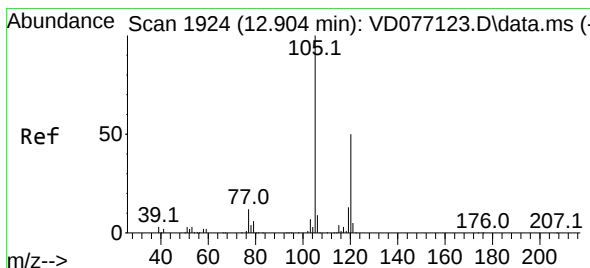
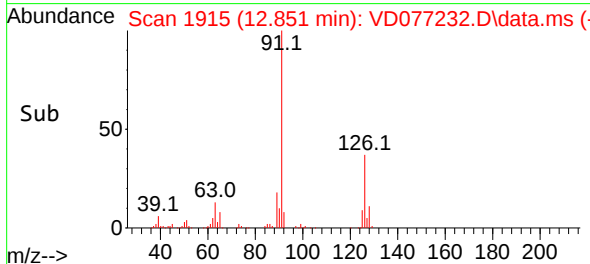
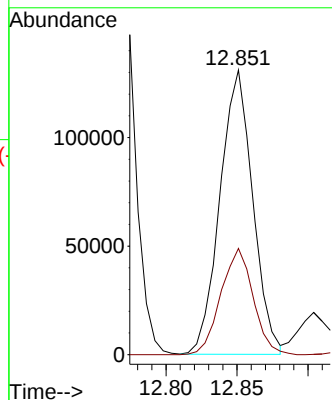
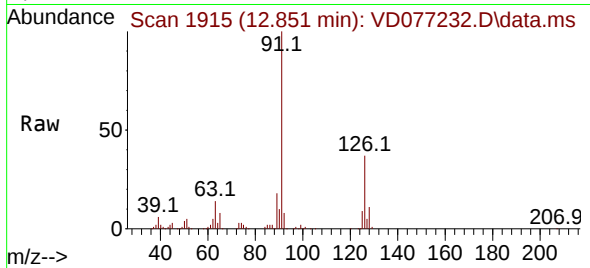
#79
2-Chlorotoluene
Concen: 21.814 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tgt Ion: 91 Resp: 21054
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1

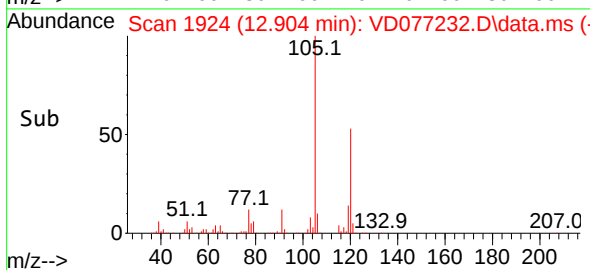
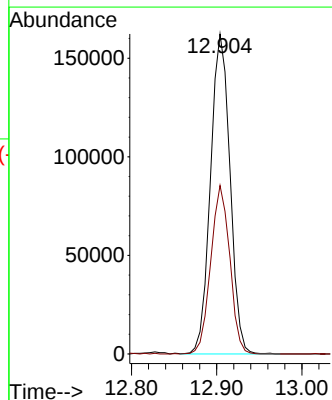
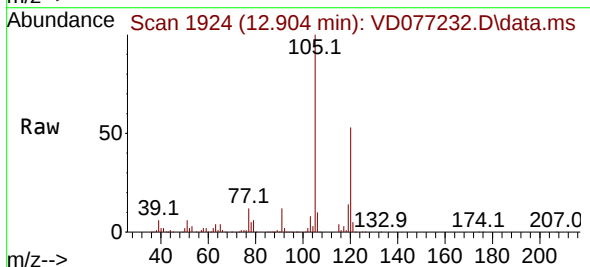
Manual Integrations
APPROVED

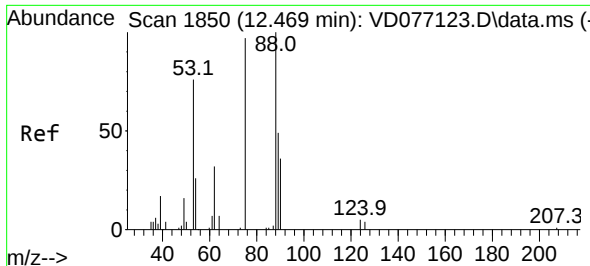
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.562 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

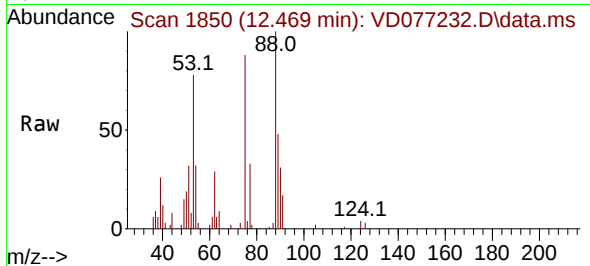
Tgt Ion:105 Resp: 257864
Ion Ratio Lower Upper
105 100
120 51.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 22.106 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

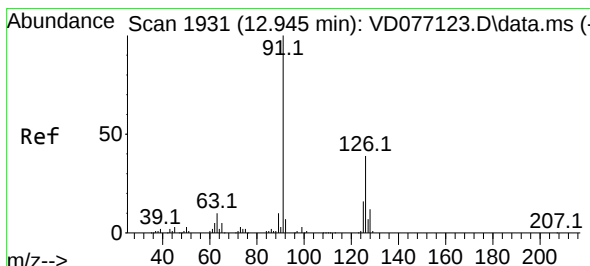
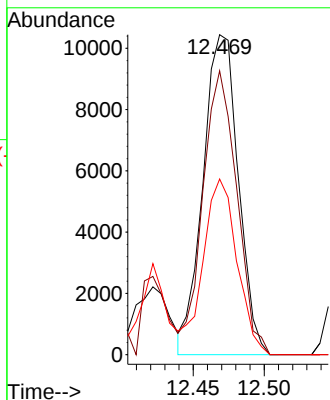
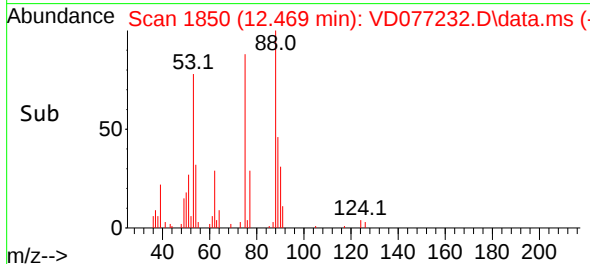
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



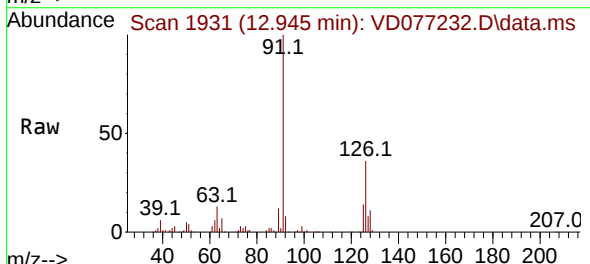
Tgt Ion: 75 Resp: 18054
Ion Ratio Lower Upper
75 100
53 85.4 63.0 94.4
89 52.9 37.9 56.9

Manual Integrations
APPROVED

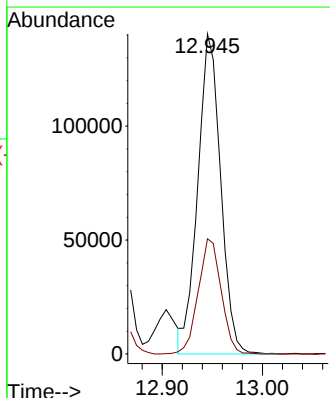
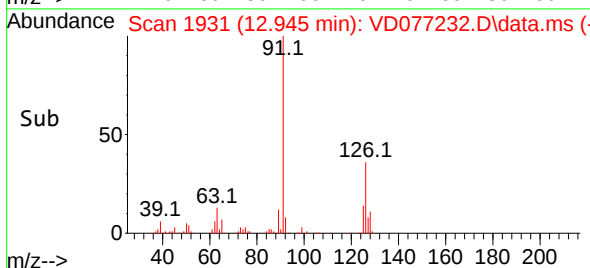
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

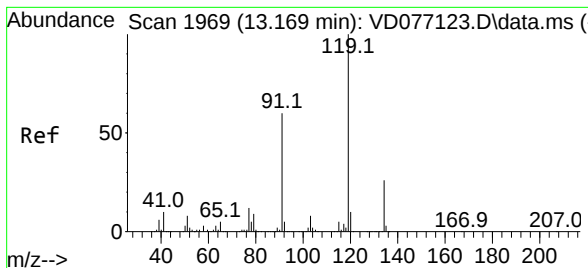


#82
4-Chlorotoluene
Concen: 21.990 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10



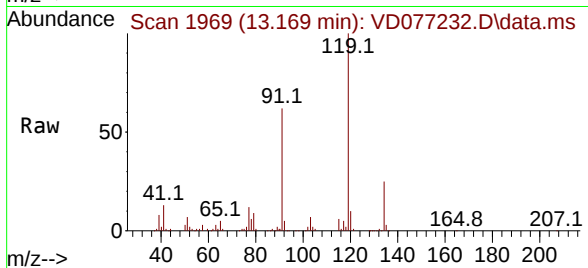
Tgt Ion: 91 Resp: 223070
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4





#83
tert-Butylbenzene
Concen: 21.232 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

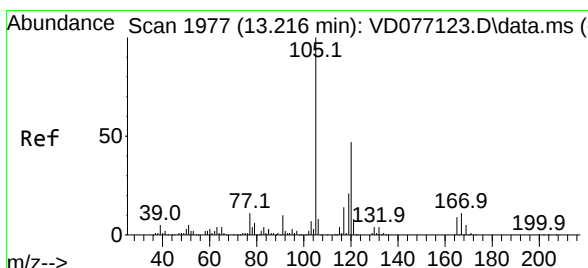
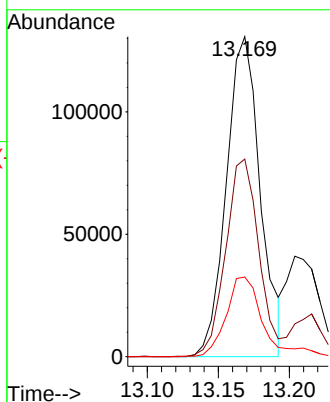
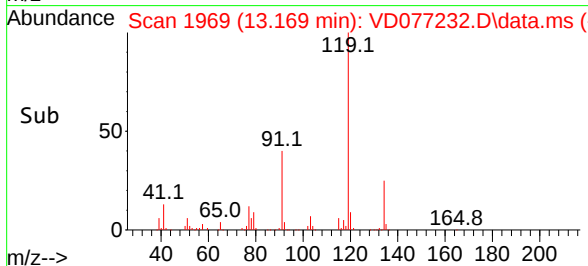
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01



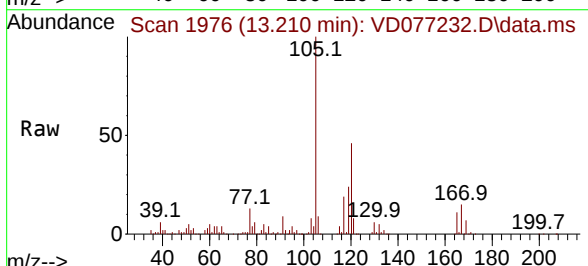
Tgt Ion:119 Resp: 216927
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.8
134 27.0 14.1 42.3

Manual Integrations
APPROVED

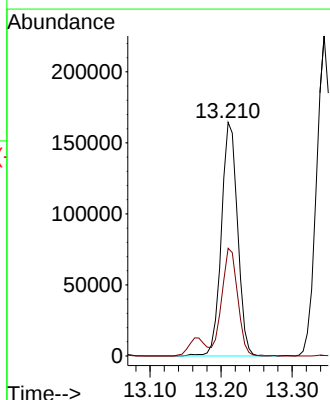
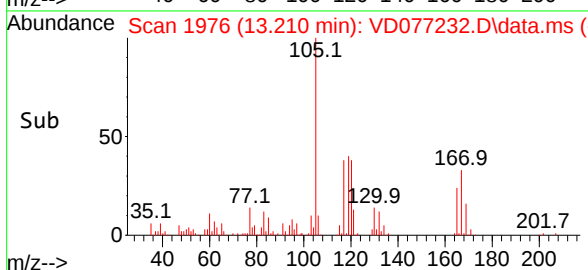
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

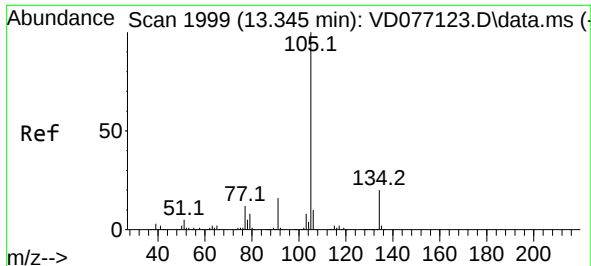


#84
1,2,4-Trimethylbenzene
Concen: 21.377 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10



Tgt Ion:105 Resp: 259227
Ion Ratio Lower Upper
105 100
120 44.8 24.3 72.9





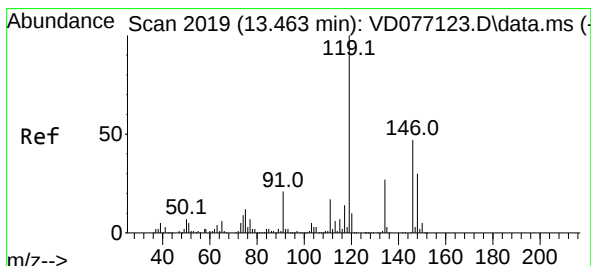
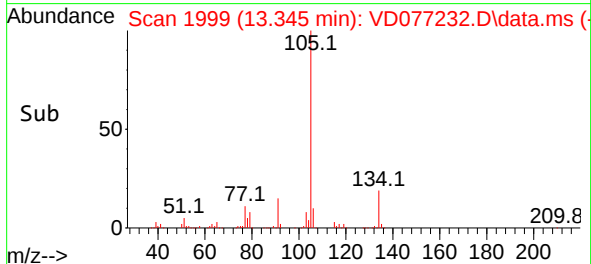
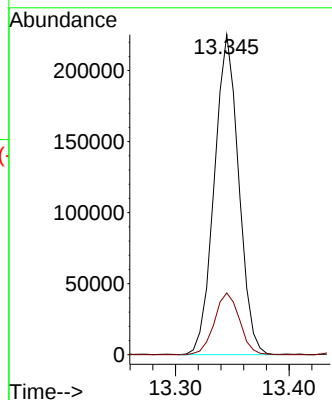
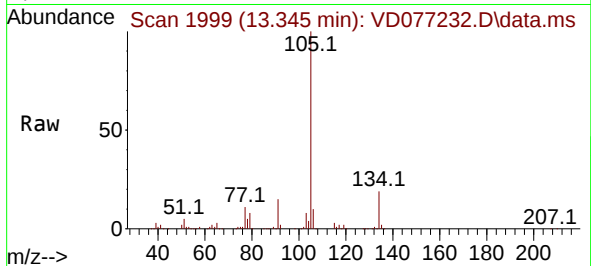
#85
 sec-Butylbenzene
 Concen: 21.934 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077232.D
 Acq: 28 Sep 2023 15:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBSD01

Tgt Ion:105 Resp: 336280
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9

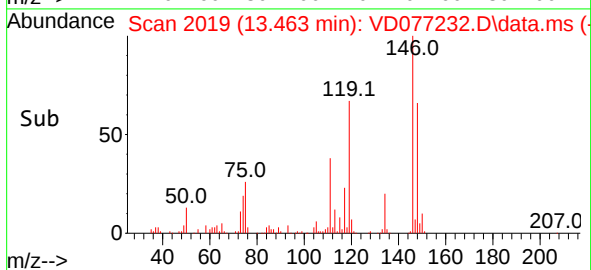
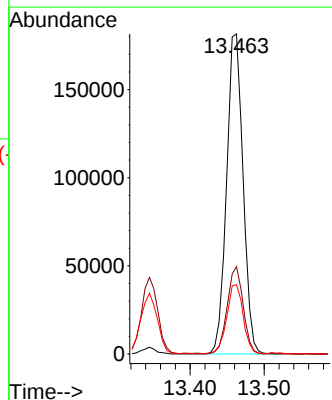
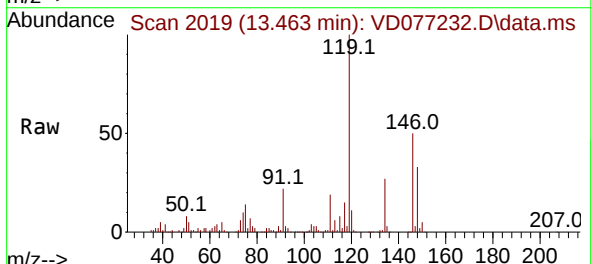
Manual Integrations
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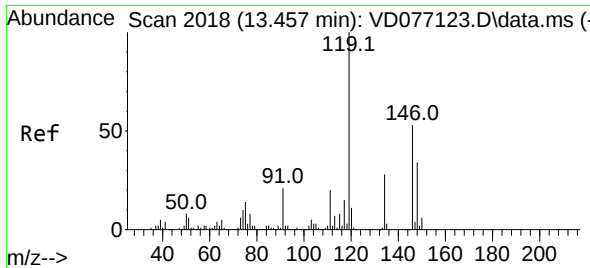
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023



#86
 p-Isopropyltoluene
 Concen: 21.542 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077232.D
 Acq: 28 Sep 2023 15:10

Tgt Ion:119 Resp: 280186
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 21.7 10.5 31.5





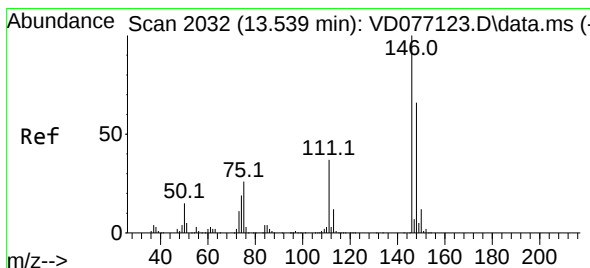
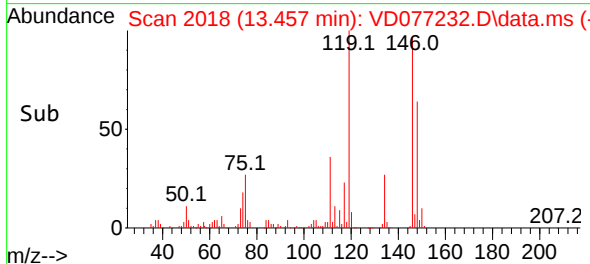
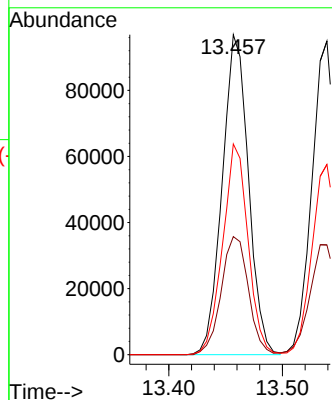
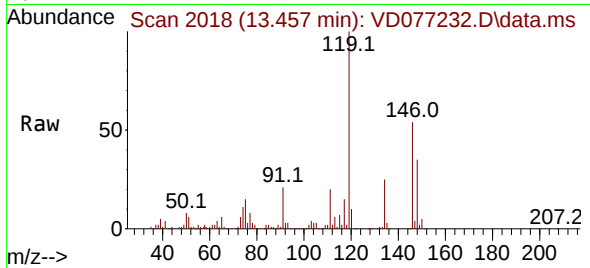
#87
 1,3-Dichlorobenzene
 Concen: 21.194 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD077232.D
 Acq: 28 Sep 2023 15:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Tgt Ion:146 Resp: 155409
 Ion Ratio Lower Upper
 146 100
 111 38.2 17.9 53.8
 148 63.7 32.3 96.8

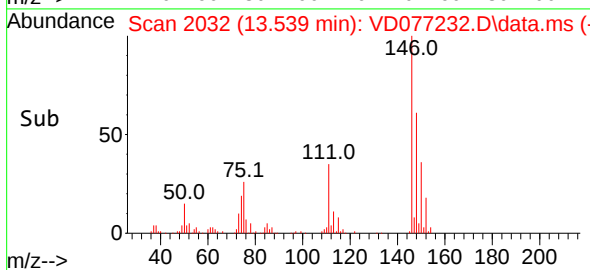
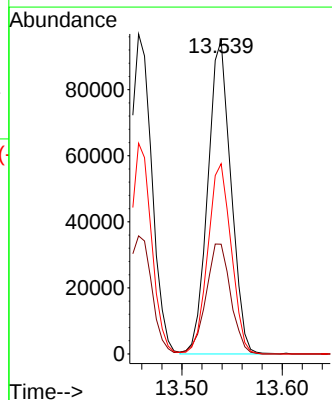
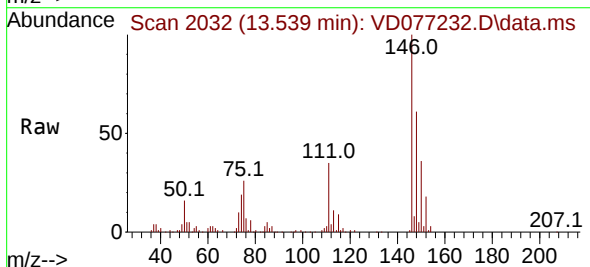
Manual Integrations
 APPROVED

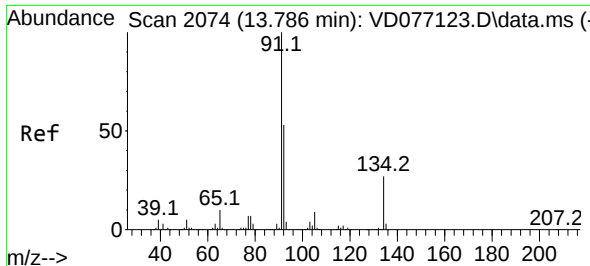
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023



#88
 1,4-Dichlorobenzene
 Concen: 21.107 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD077232.D
 Acq: 28 Sep 2023 15:10

Tgt Ion:146 Resp: 152278
 Ion Ratio Lower Upper
 146 100
 111 37.6 17.4 52.3
 148 61.4 31.7 95.1





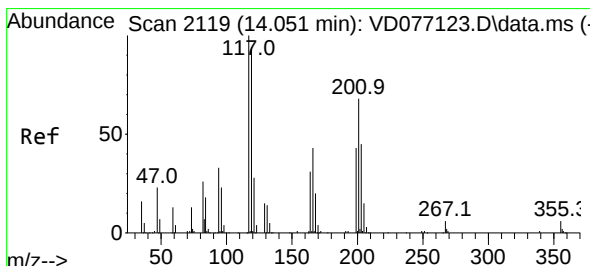
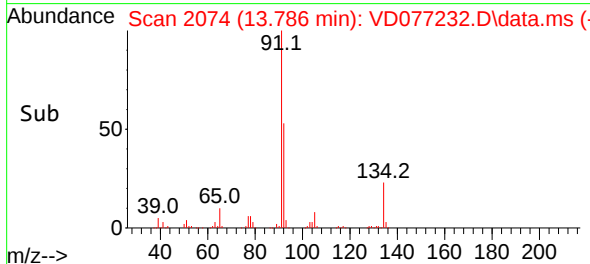
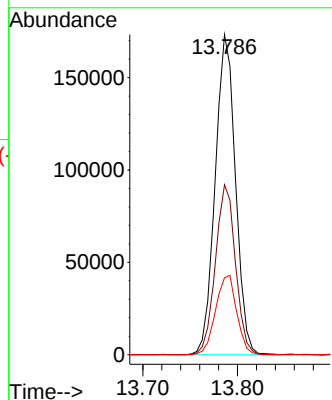
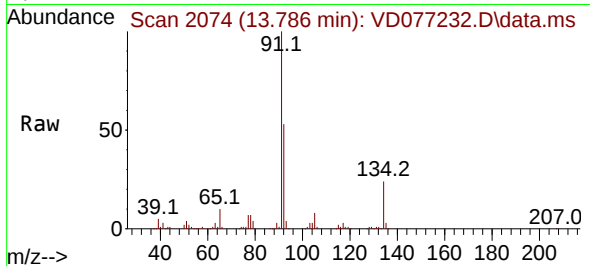
#89
n-Butylbenzene
Concen: 21.550 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Tgt Ion: 91 Resp: 258559
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 25.7 13.8 41.3

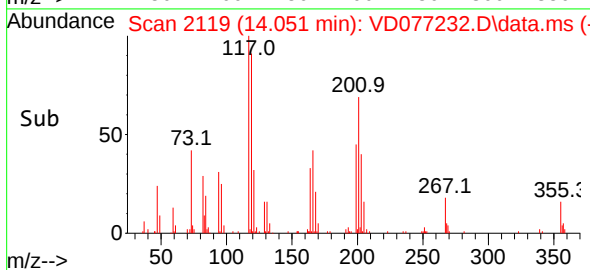
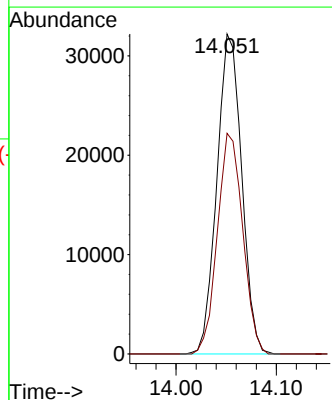
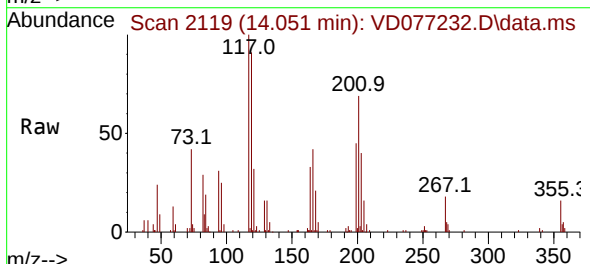
Manual Integrations
APPROVED

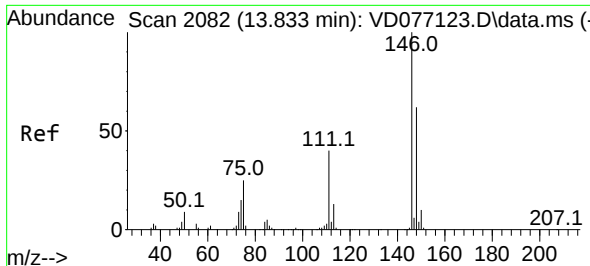
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#90
Hexachloroethane
Concen: 21.442 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD077232.D
Acq: 28 Sep 2023 15:10

Tgt Ion:117 Resp: 55308
Ion Ratio Lower Upper
117 100
201 70.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 21.070 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion:146 Resp: 132469

Ion Ratio Lower Upper

146 100

111 40.0 18.3 54.8

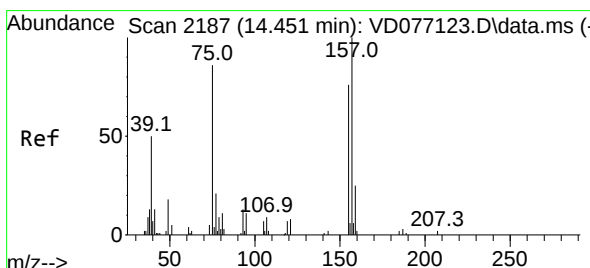
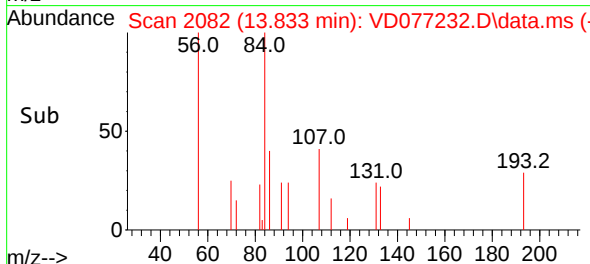
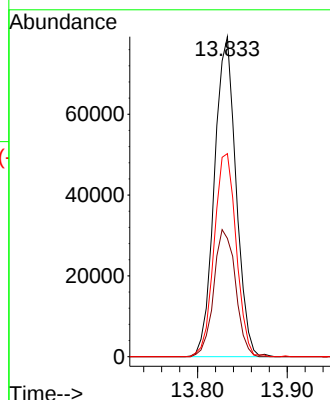
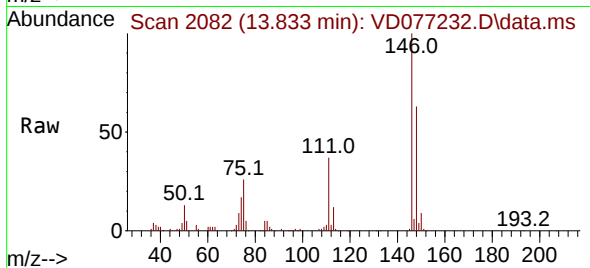
148 64.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.534 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

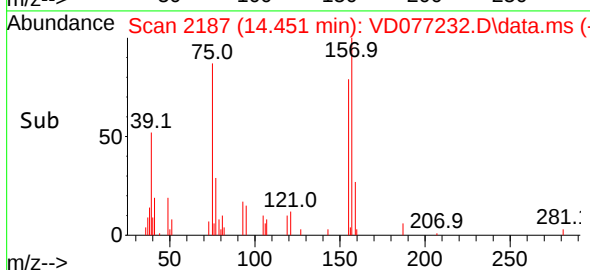
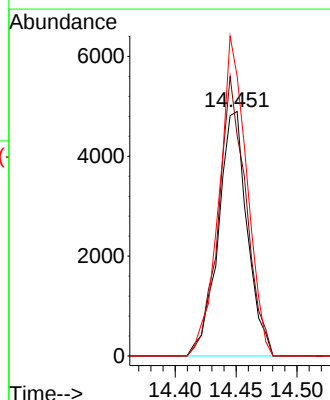
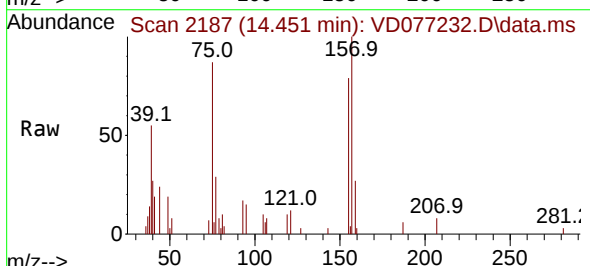
Tgt Ion: 75 Resp: 8131

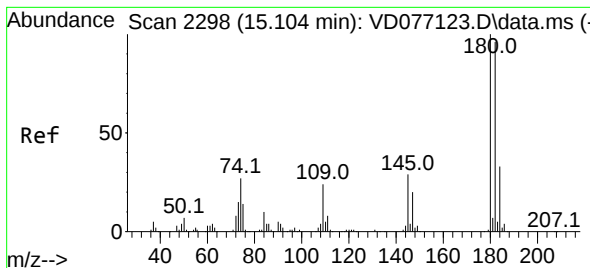
Ion Ratio Lower Upper

75 100

155 108.2 47.9 143.8

157 124.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.990 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

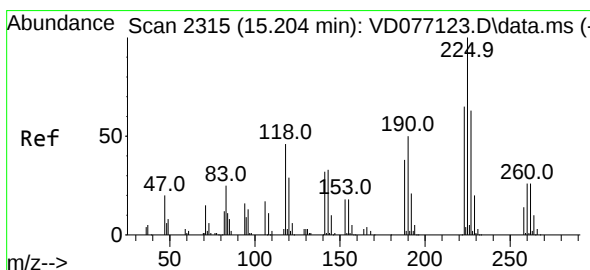
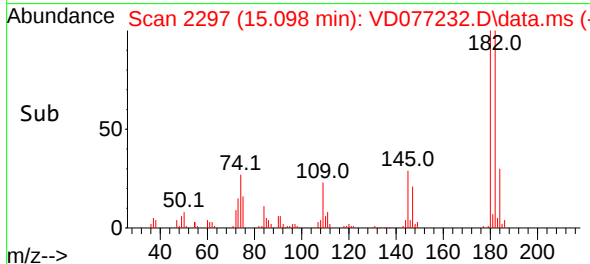
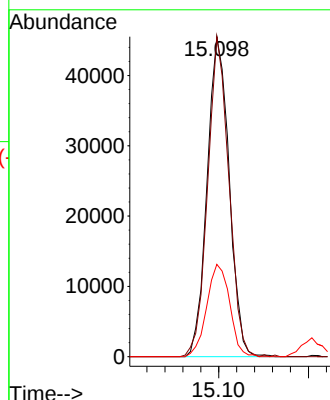
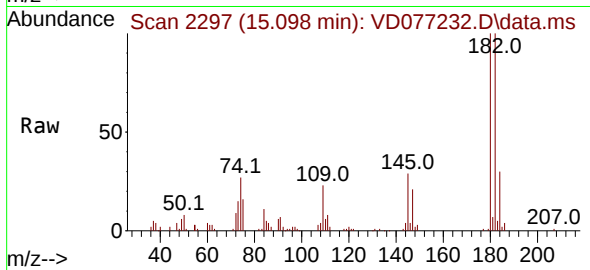
Tgt Ion:	180	Resp:	77539
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.5	145.6
145	30.0	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#94

Hexachlorobutadiene

Concen: 19.637 ug/l

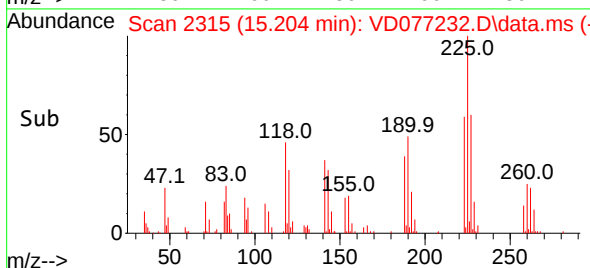
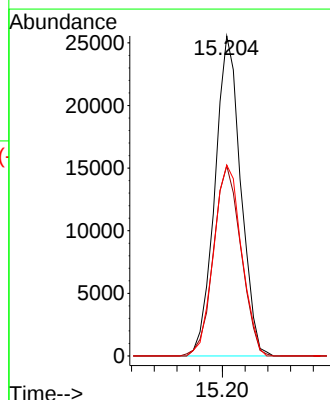
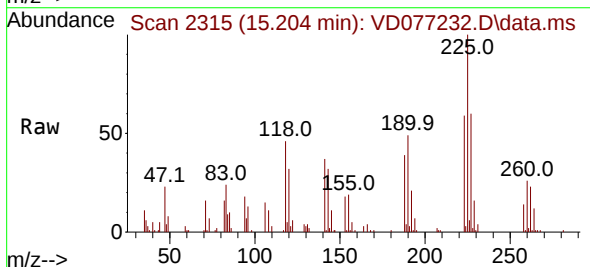
RT: 15.204 min Scan# 2315

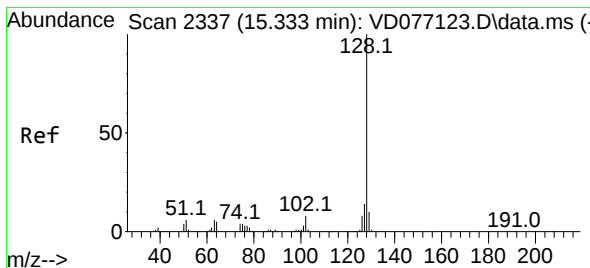
Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Tgt Ion:	225	Resp:	40364
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.6	94.8
227	64.4	31.7	95.1





#95

Naphthalene

Concen: 20.071 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

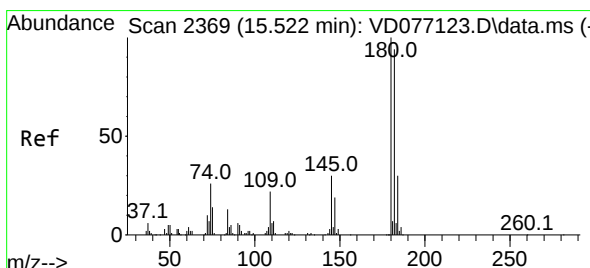
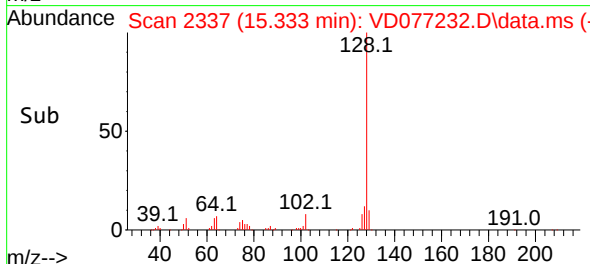
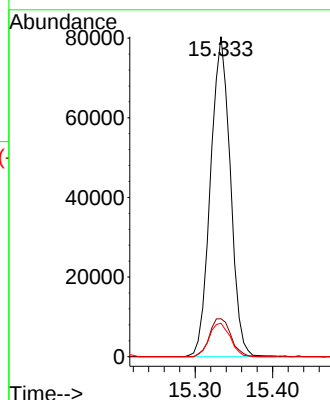
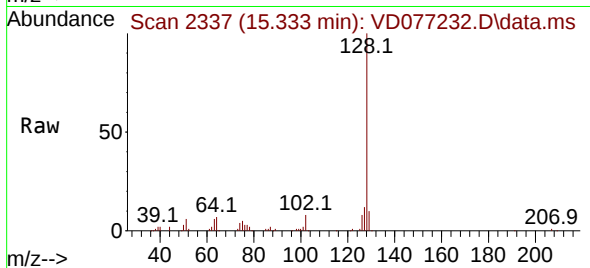
Tgt Ion:128	Resp: 142758
Ion Ratio	Lower Upper
128 100	
127 11.8	10.5 15.7
129 10.5	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.380 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077232.D

Acq: 28 Sep 2023 15:10

Tgt Ion:180	Resp: 70265
Ion Ratio	Lower Upper
180 100	
182 97.6	47.3 141.9
145 31.1	15.1 45.3

