

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077391.D
 Acq On : 24 Oct 2023 13:23
 Operator : JC/SY
 Sample : VD1024SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 04:03:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	297623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69511	45.194	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.380%		
35) Dibromofluoromethane	7.805	113	84059	40.202	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.400%		
50) Toluene-d8	10.269	98	302957	40.457	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	80.920%		
62) 4-Bromofluorobenzene	12.575	95	88368	40.995	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	82.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38163	23.832	ug/l	96
3) Chloromethane	2.146	50	76853	23.568	ug/l	99
4) Vinyl Chloride	2.287	62	97845	25.402	ug/l	97
5) Bromomethane	2.687	94	69947	28.258	ug/l	100
6) Chloroethane	2.840	64	64641	23.872	ug/l	98
7) Trichlorofluoromethane	3.175	101	98283	25.152	ug/l	97
8) Diethyl Ether	3.593	74	24360	23.260	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	43787	21.659	ug/l	99
10) Methyl Iodide	4.164	142	49649	20.071	ug/l #	91
11) Tert butyl alcohol	5.040	59	12303	142.197	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	42486	21.423	ug/l	91
13) Acrolein	3.799	56	15867	105.645	ug/l	88
14) Allyl chloride	4.564	41	42838	22.766	ug/l	98
15) Acrylonitrile	5.252	53	41111	129.533	ug/l	98
16) Acetone	4.016	43	37556	111.351	ug/l #	84
17) Carbon Disulfide	4.275	76	128701	22.076	ug/l	97
18) Methyl Acetate	4.564	43	26893	22.911	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	83193	24.628	ug/l	96
20) Methylene Chloride	4.799	84	66343	30.654	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	48759	23.638	ug/l	97
22) Diisopropyl ether	6.216	45	101728	27.540	ug/l	95
23) Vinyl Acetate	6.158	43	231442m	133.699	ug/l	
24) 1,1-Dichloroethane	6.110	63	79320	25.827	ug/l	95
25) 2-Butanone	7.081	43	46984	134.292	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	71256	25.446	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	55069	23.810	ug/l	98
28) Bromochloromethane	7.428	49	30488	27.176	ug/l	92
29) Tetrahydrofuran	7.452	42	25875	128.208	ug/l	98
30) Chloroform	7.599	83	89385	25.367	ug/l	93
31) Cyclohexane	7.881	56	58932	24.627	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	76382	25.126	ug/l	97
36) 1,1-Dichloropropene	8.010	75	64137	23.344	ug/l	98
37) Ethyl Acetate	7.169	43	18873	21.869	ug/l	97
38) Carbon Tetrachloride	7.993	117	68656	22.463	ug/l	96
39) Methylcyclohexane	9.275	83	69520	20.824	ug/l	93
40) Benzene	8.252	78	196110	23.521	ug/l	99

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Quant Time: Oct 25 04:03:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	10373	25.185	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	49224	25.065	ug/l	98
43) Isopropyl Acetate	8.369	43	36210	23.306	ug/l	97
44) Trichloroethene	9.028	130	52188	21.409	ug/l	92
45) 1,2-Dichloropropane	9.304	63	47552	24.741	ug/l	100
46) Dibromomethane	9.393	93	26847	22.343	ug/l	92
47) Bromodichloromethane	9.587	83	66304	23.142	ug/l	99
48) Methyl methacrylate	9.381	41	16459	23.418	ug/l	91
49) 1,4-Dioxane	9.393	88	4866	433.932	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	97203	124.808	ug/l	94
52) Toluene	10.334	92	125761	23.102	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	59477	23.126	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	73420	23.333	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	39688	23.848	ug/l	95
56) Ethyl methacrylate	10.598	69	35162	22.108	ug/l	97
57) 1,3-Dichloropropane	10.881	76	62307	24.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	74106	94.219	ug/l	96
59) 2-Hexanone	10.922	43	69746	124.689	ug/l	92
60) Dibromochloromethane	11.075	129	46746	21.998	ug/l	96
61) 1,2-Dibromoethane	11.181	107	36318	23.159	ug/l	99
64) Tetrachloroethene	10.810	164	42708	20.120	ug/l	92
65) Chlorobenzene	11.604	112	136459	21.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	49191	20.789	ug/l	98
67) Ethyl Benzene	11.687	91	220604	21.379	ug/l	95
68) m/p-Xylenes	11.793	106	184269	43.487	ug/l	97
69) o-Xylene	12.122	106	79471	20.373	ug/l	92
70) Styrene	12.134	104	142031	21.342	ug/l	98
71) Bromoform	12.298	173	26785	20.650	ug/l #	96
73) Isopropylbenzene	12.422	105	210702	22.072	ug/l	97
74) N-amyl acetate	12.234	43	34147	24.865	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	42295	24.382	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	33111m	18.713	ug/l	
77) Bromobenzene	12.698	156	52039	20.764	ug/l	93
78) n-propylbenzene	12.763	91	271060	23.578	ug/l	98
79) 2-Chlorotoluene	12.851	91	145855	23.292	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	177714	22.560	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12999	24.135	ug/l	96
82) 4-Chlorotoluene	12.945	91	158231	24.271	ug/l	97
83) tert-Butylbenzene	13.169	119	152256	21.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	180024	22.698	ug/l	99
85) sec-Butylbenzene	13.345	105	236012	22.457	ug/l	96
86) p-Isopropyltoluene	13.463	119	195553	21.418	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	113290	21.480	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	113982	21.809	ug/l	98
89) n-Butylbenzene	13.787	91	197872	24.889	ug/l	97
90) Hexachloroethane	14.051	117	52830	28.625	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	108340	24.317	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	6067	28.575	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	53775	19.372	ug/l	97
94) Hexachlorobutadiene	15.210	225	32037	20.321	ug/l	97
95) Naphthalene	15.334	128	91202	19.459	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	48299	20.046	ug/l	99

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 04:03:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

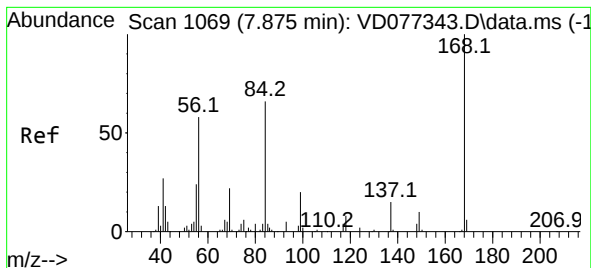
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

Tgt Ion:168 Resp: 17224

Ion Ratio Lower Upper

168 100

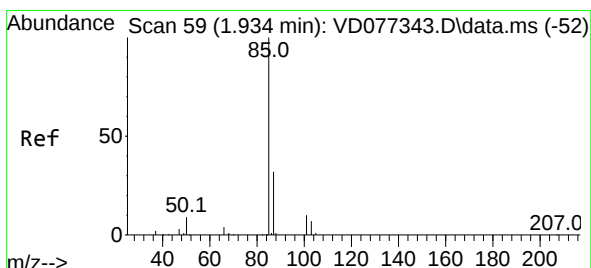
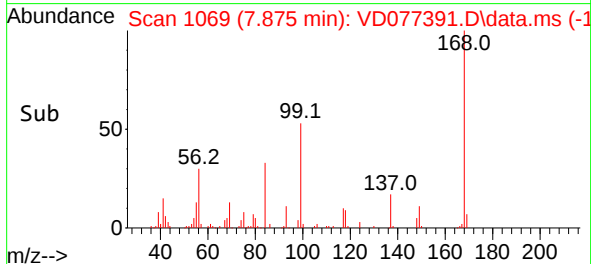
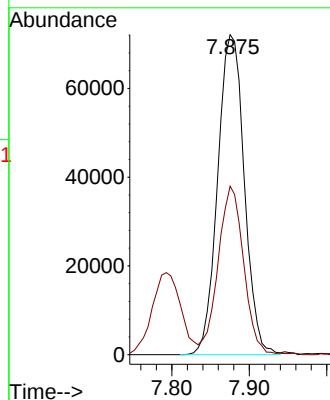
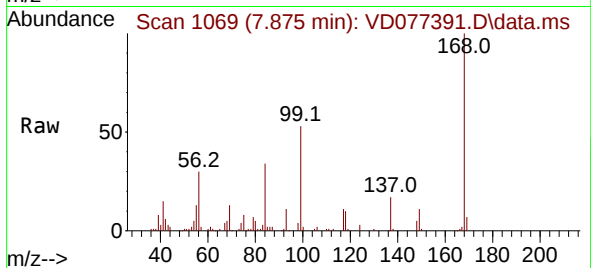
99 52.2 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#2

Dichlorodifluoromethane

Concen: 23.832 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077391.D

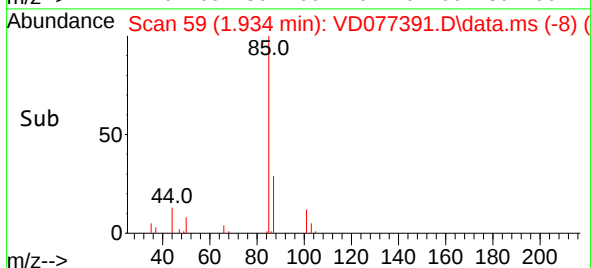
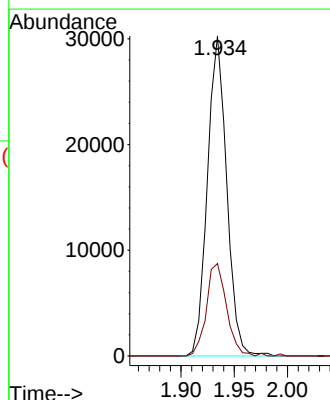
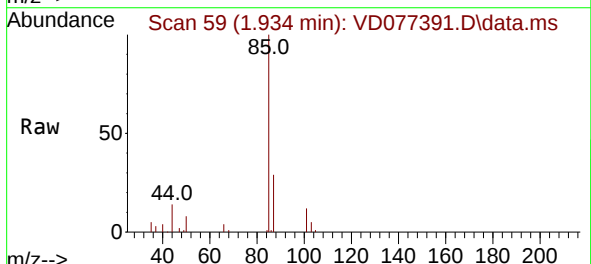
Acq: 24 Oct 2023 13:23

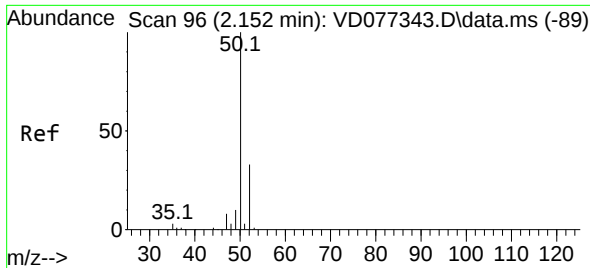
Tgt Ion: 85 Resp: 38163

Ion Ratio Lower Upper

85 100

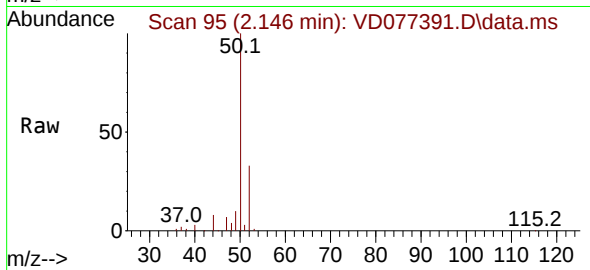
87 28.9 15.7 47.0





#3
Chloromethane
Concen: 23.568 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

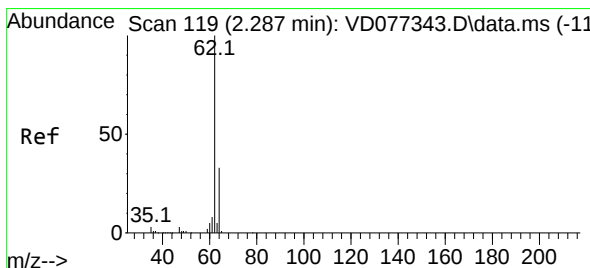
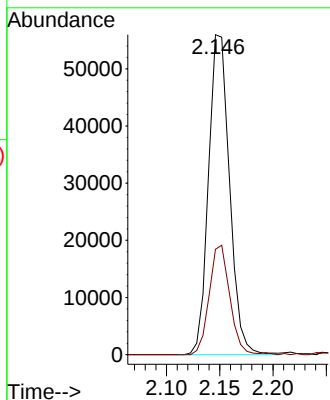
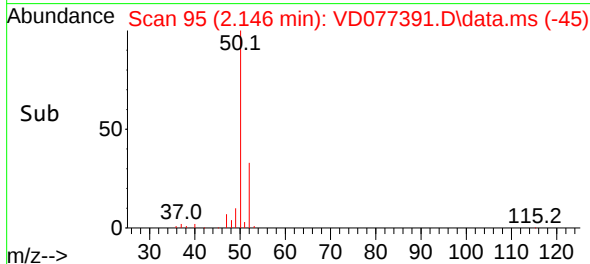
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



Tgt Ion: 50 Resp: 7685
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

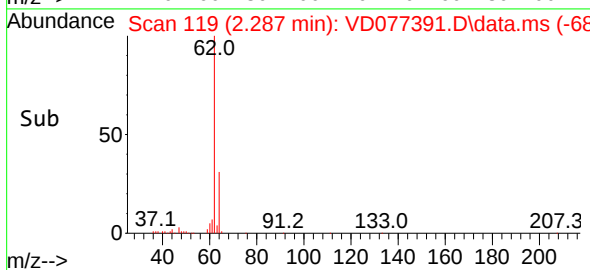
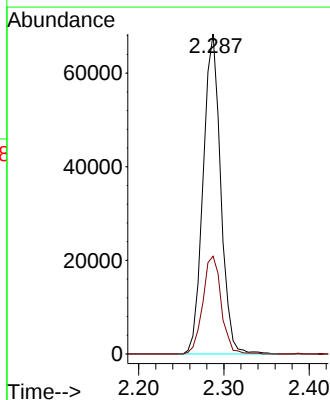
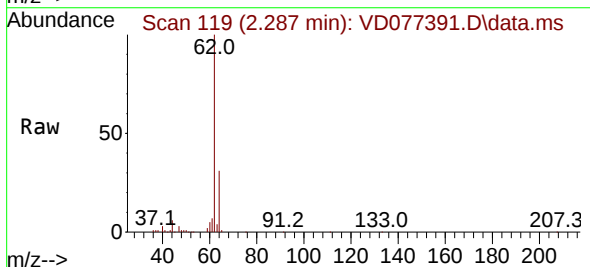
Manual Integrations
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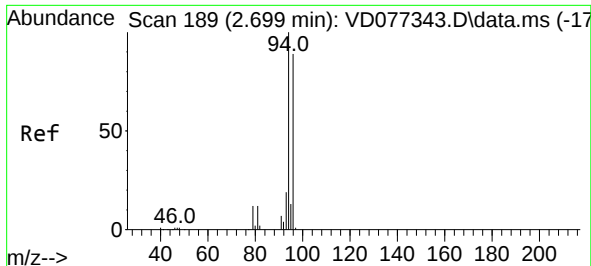
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#4
Vinyl Chloride
Concen: 25.402 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

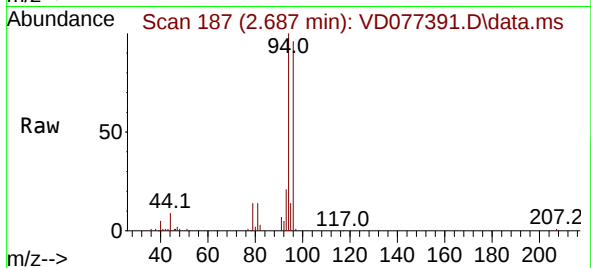
Tgt Ion: 62 Resp: 97845
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0





#5
Bromomethane
Concen: 28.258 ug/l
RT: 2.687 min Scan# 189
Delta R.T. -0.012 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

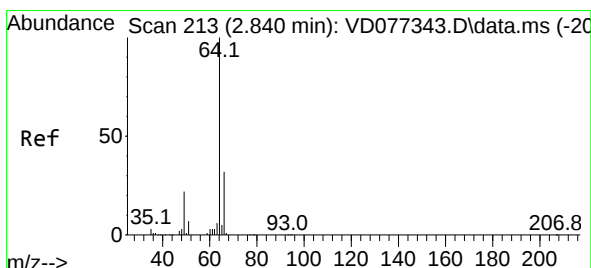
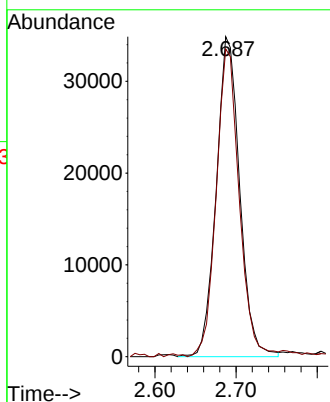
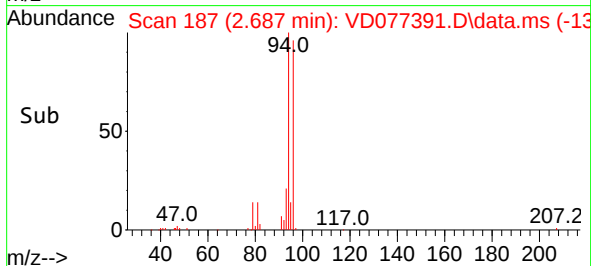
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 6994
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8

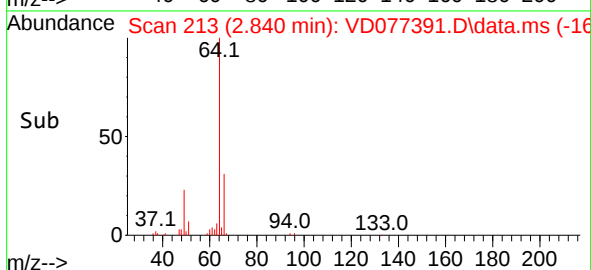
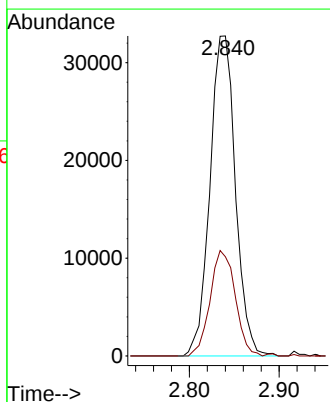
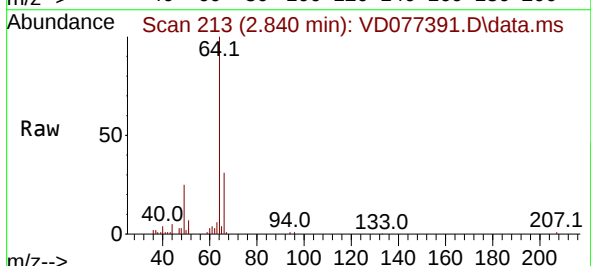
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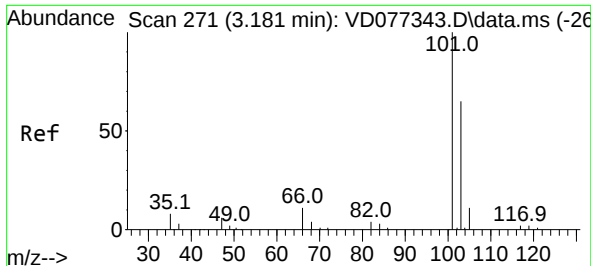
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#6
Chloroethane
Concen: 23.872 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 64 Resp: 64641
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3





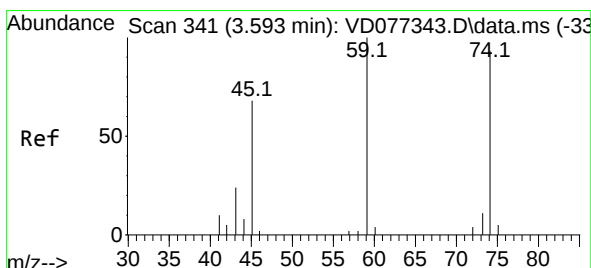
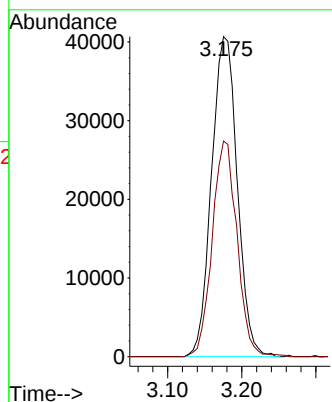
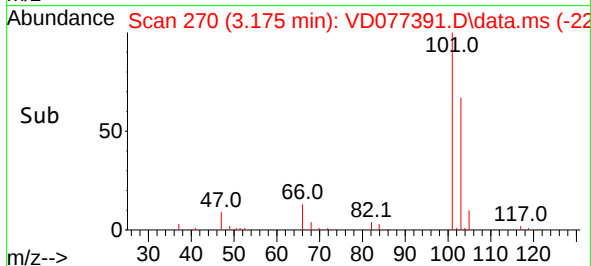
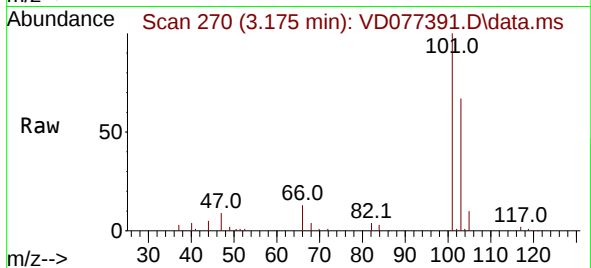
#7
Trichlorofluoromethane
Concen: 25.152 ug/l
RT: 3.175 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion:101 Resp: 9828
Ion Ratio Lower Upper
101 100
103 67.4 52.3 78.5

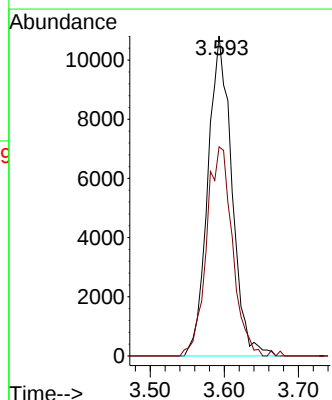
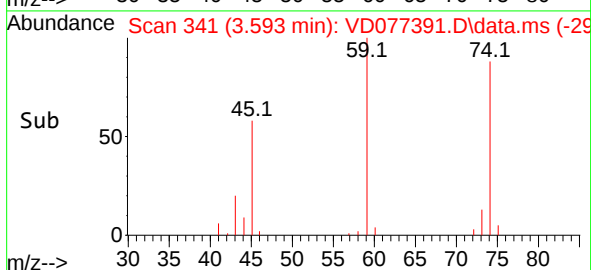
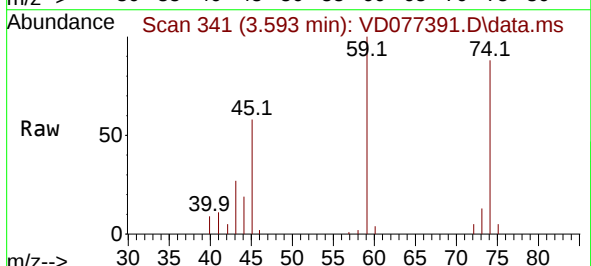
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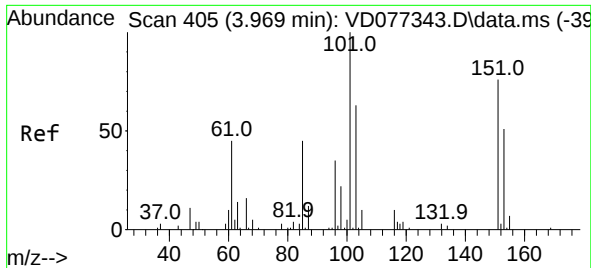
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#8
Diethyl Ether
Concen: 23.260 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 74 Resp: 24360
Ion Ratio Lower Upper
74 100
45 70.3 37.5 112.7





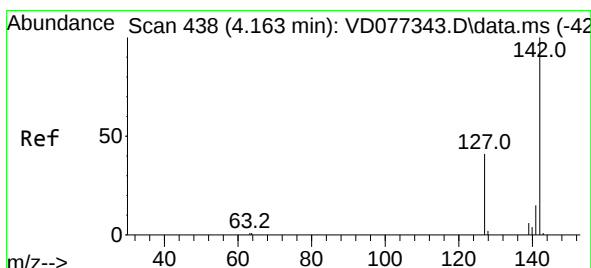
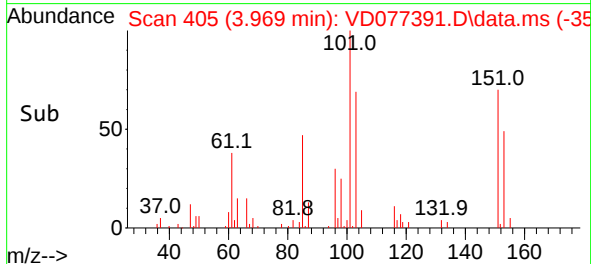
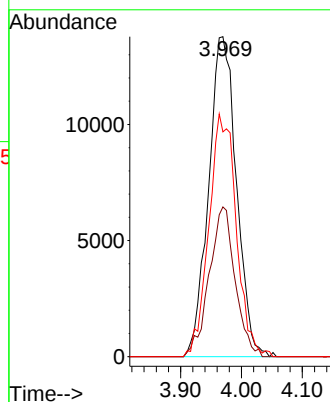
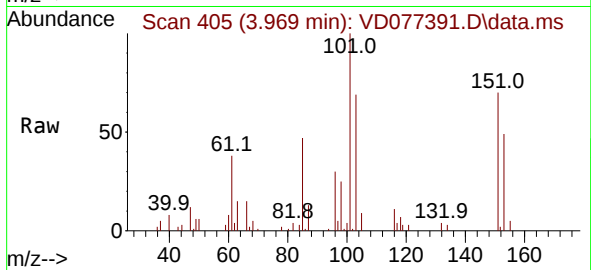
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.659 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion:101 Resp: 4378
Ion Ratio Lower Upper
101 100
85 43.5 33.8 50.6
151 74.4 59.8 89.6

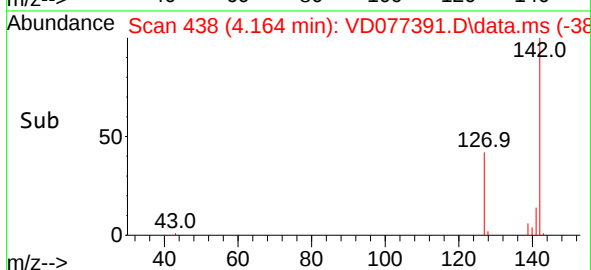
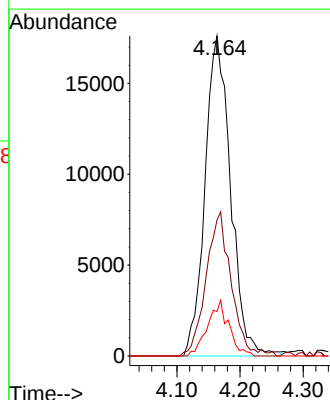
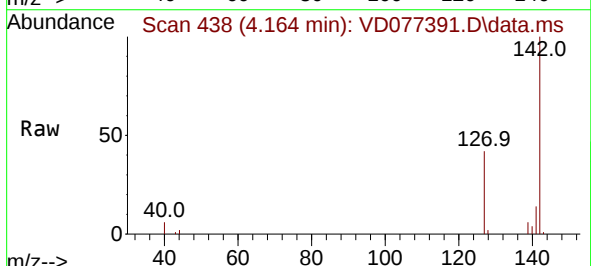
Manual Integrations
APPROVED

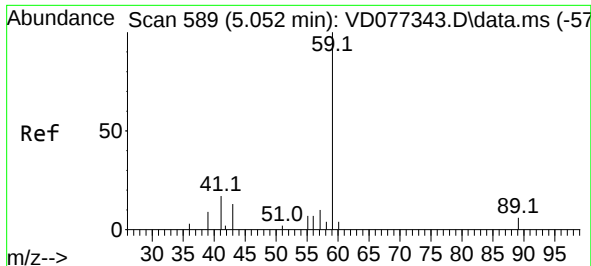
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#10
Methyl Iodide
Concen: 20.071 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:142 Resp: 49649
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 14.5 11.1 16.7





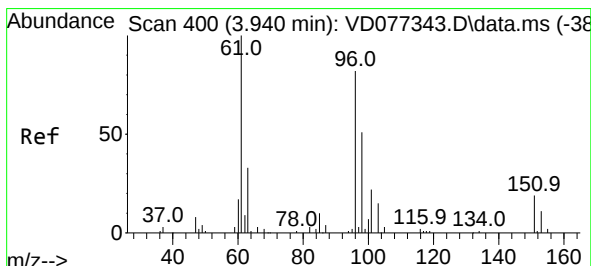
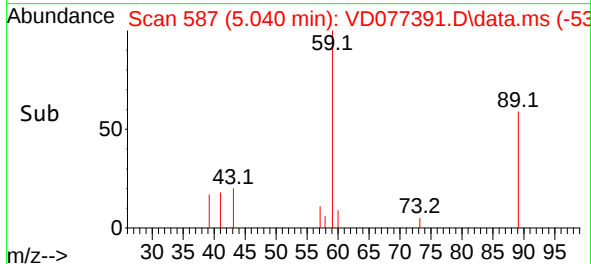
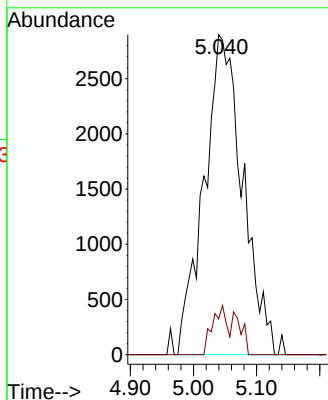
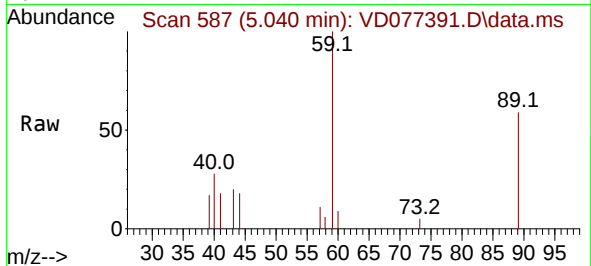
#11
Tert butyl alcohol
Concen: 142.197 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBS01

Tgt Ion: 59 Resp: 1230
Ion Ratio Lower Upper
59 100
57 5.8 7.8 11.8

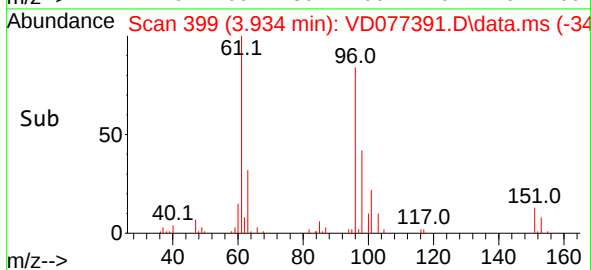
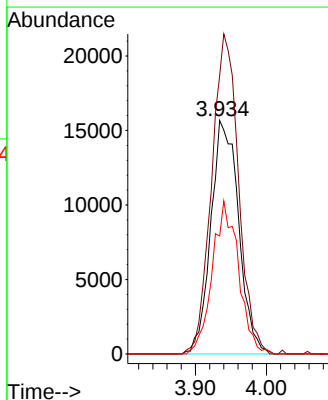
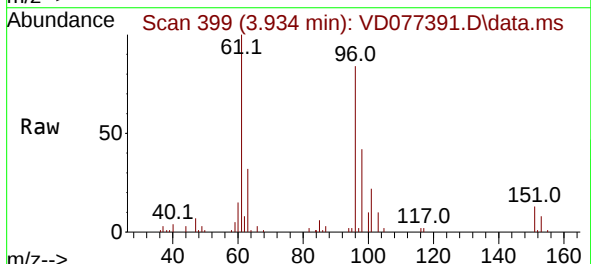
Manual Integrations
APPROVED

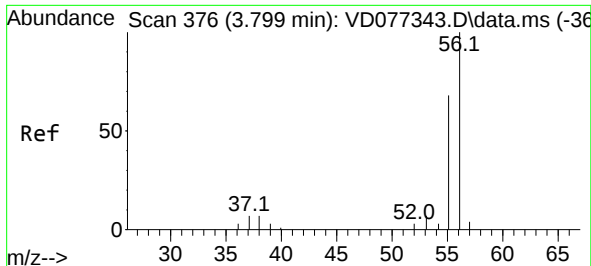
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#12
1,1-Dichloroethene
Concen: 21.423 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

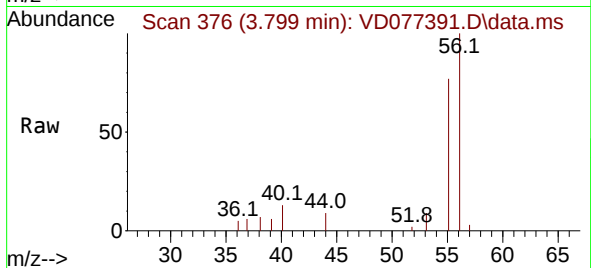
Tgt Ion: 96 Resp: 42486
Ion Ratio Lower Upper
96 100
61 119.1 100.6 150.8
98 50.5 50.2 75.2





#13
Acrolein
Concen: 105.645 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

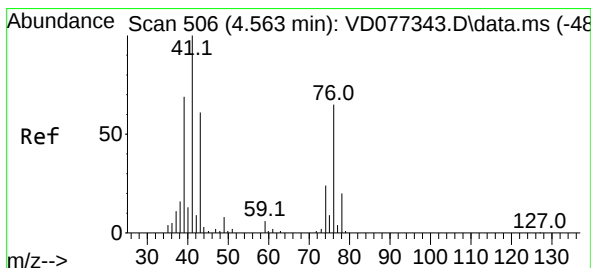
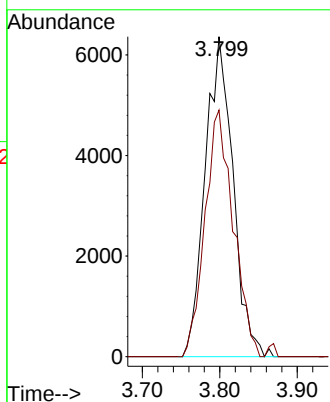
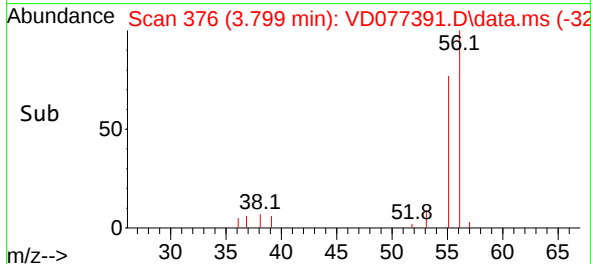
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



Tgt Ion: 56 Resp: 1586
Ion Ratio Lower Upper
56 100
55 78.5 55.1 82.7

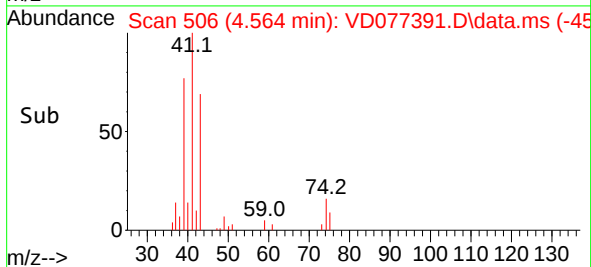
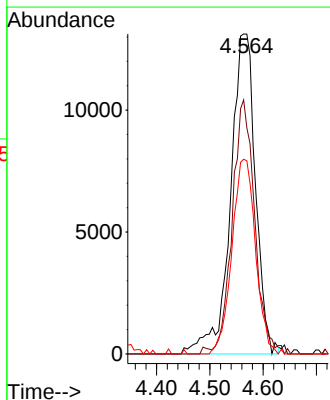
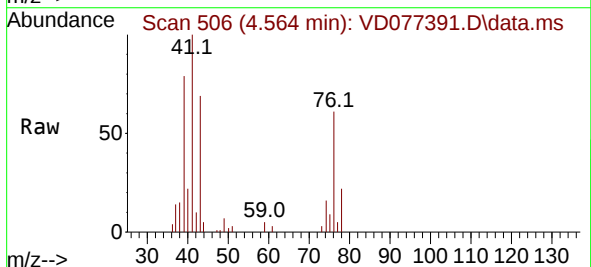
Manual Integrations
APPROVED

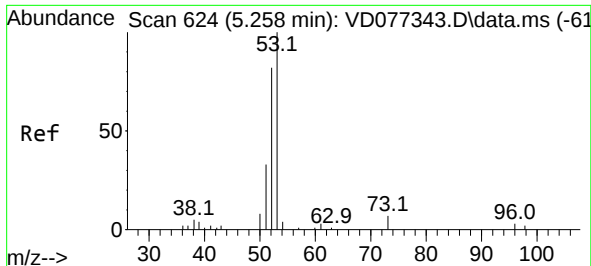
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#14
Allyl chloride
Concen: 22.766 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 41 Resp: 42838
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 57.4 45.8 68.8





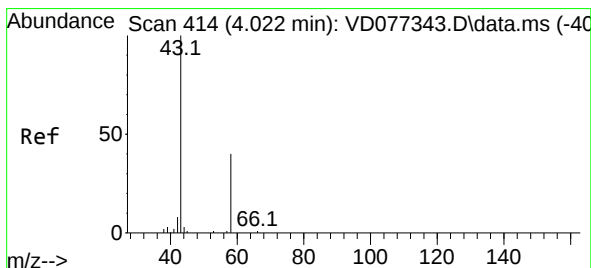
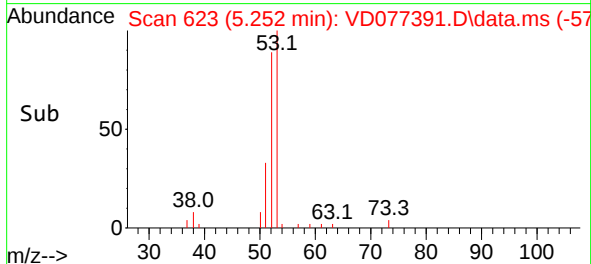
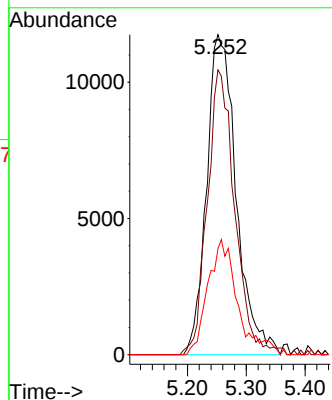
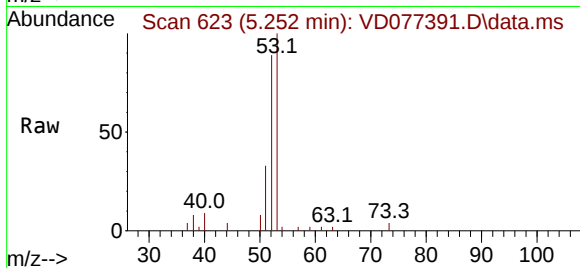
#15
Acrylonitrile
Concen: 129.533 ug/l
RT: 5.252 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 53 Resp: 4111
Ion Ratio Lower Upper
53 100
52 82.7 65.0 97.4
51 36.2 28.3 42.5

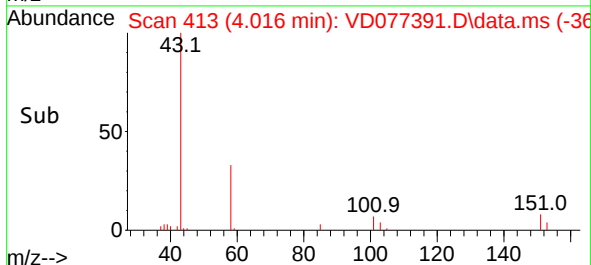
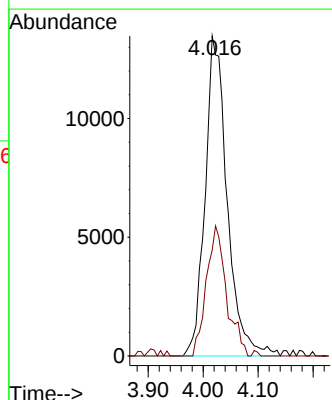
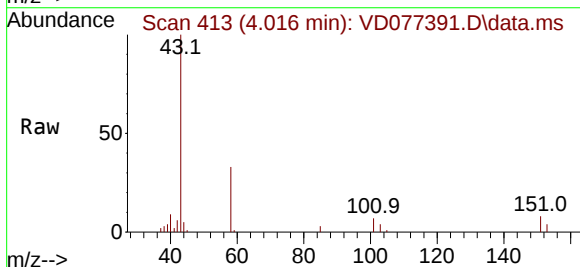
Manual Integrations
APPROVED

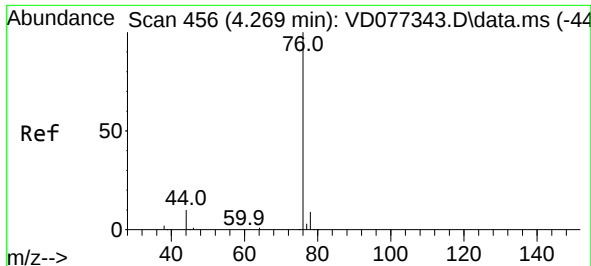
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#16
Acetone
Concen: 111.351 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 43 Resp: 37556
Ion Ratio Lower Upper
43 100
58 33.1 34.7 52.1#





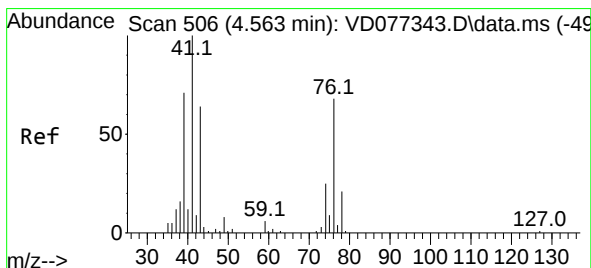
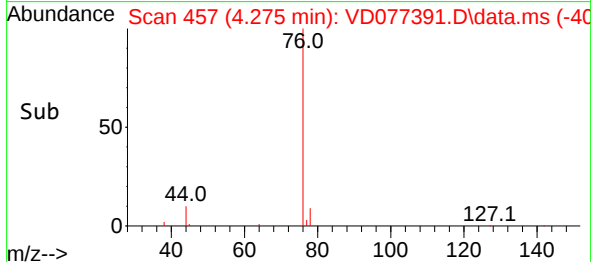
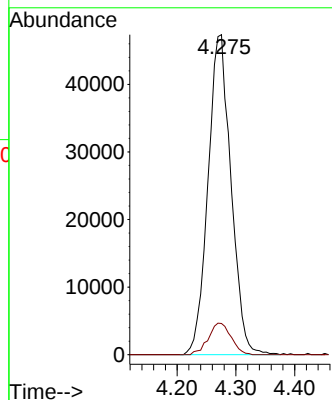
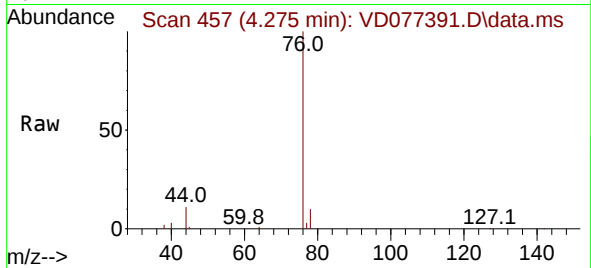
#17
Carbon Disulfide
Concen: 22.076 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 76 Resp: 12870
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

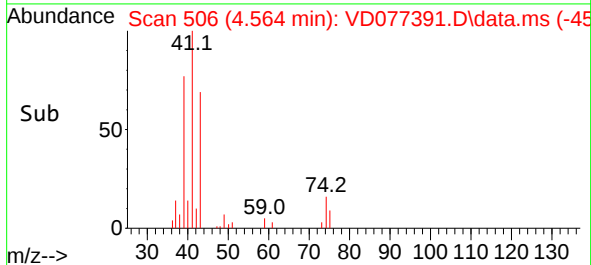
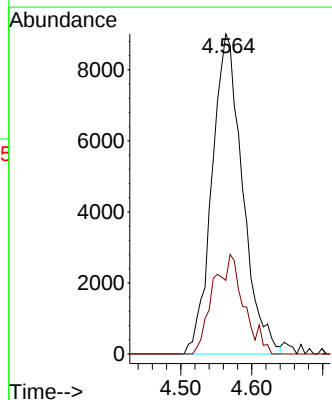
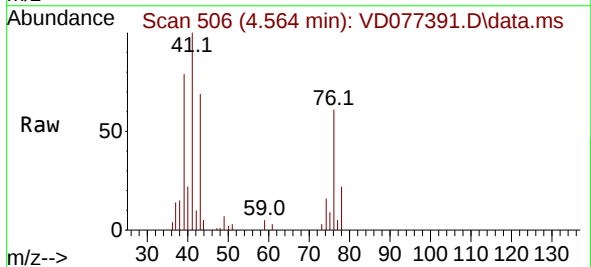
Manual Integrations
APPROVED

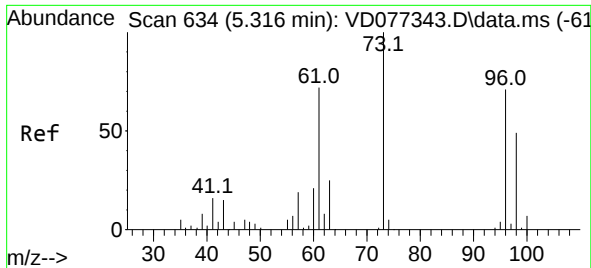
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
Methyl Acetate
Concen: 22.911 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 43 Resp: 26893
Ion Ratio Lower Upper
43 100
74 31.3 26.4 39.6





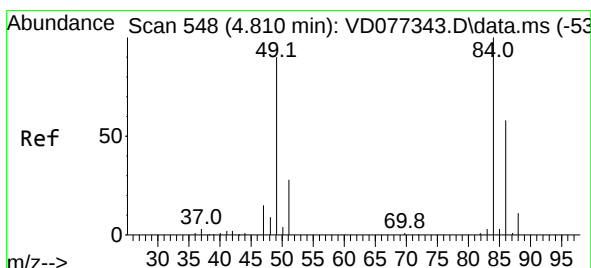
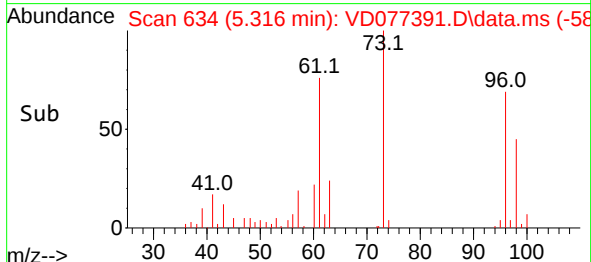
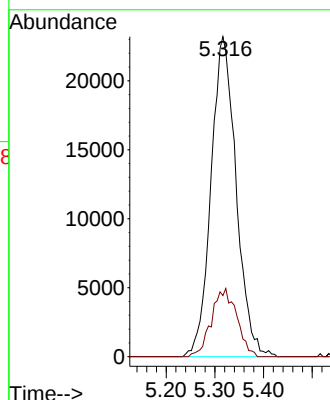
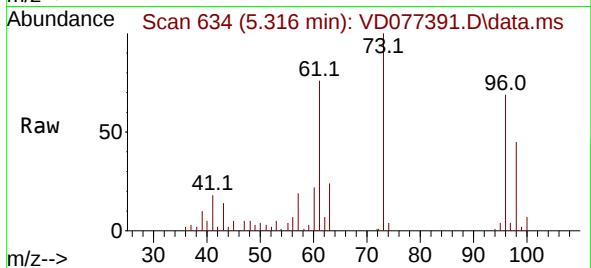
#19
Methyl tert-butyl Ether
Concen: 24.628 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 73 Resp: 8319
Ion Ratio Lower Upper
73 100
57 19.1 16.6 25.0

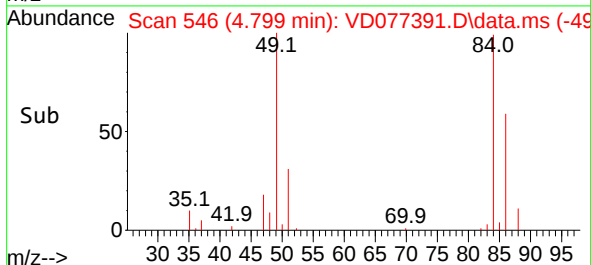
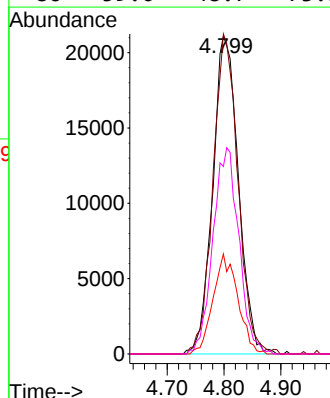
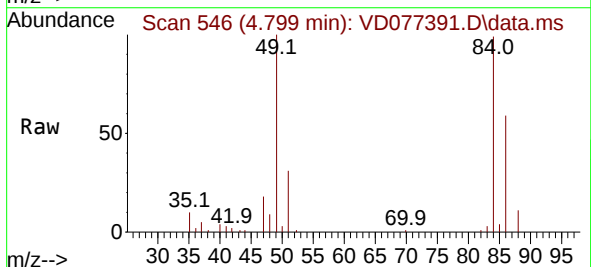
Manual Integrations
APPROVED

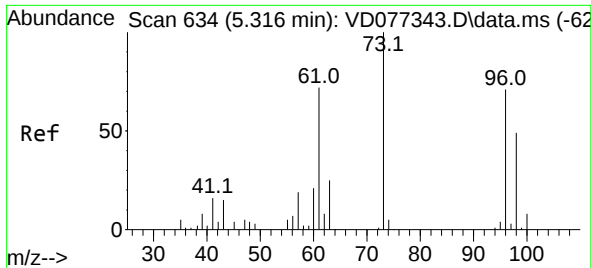
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 30.654 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

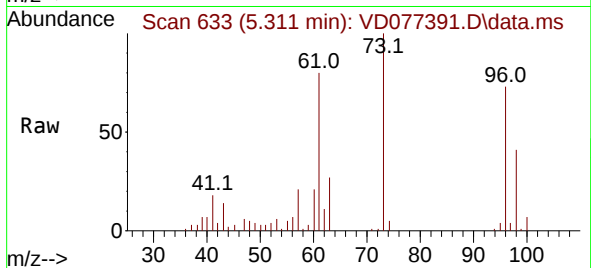
Tgt Ion: 84 Resp: 66343
Ion Ratio Lower Upper
84 100
49 100.7 71.4 107.2
51 31.5 24.5 36.7
86 59.0 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 23.638 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

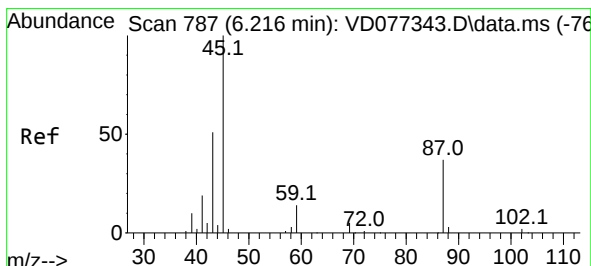
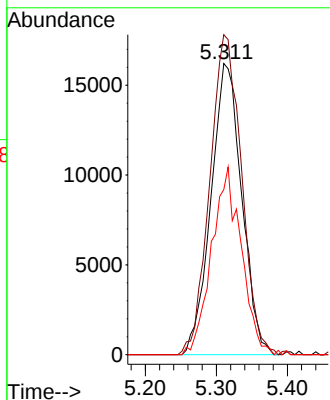
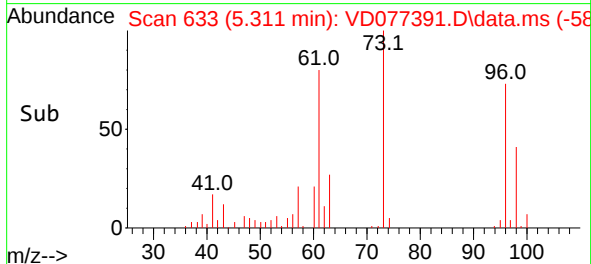
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



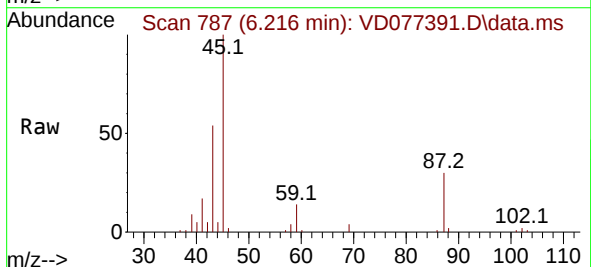
Tgt Ion: 96 Resp: 48759
Ion Ratio Lower Upper
96 100
61 109.9 89.3 133.9
98 56.7 48.6 73.0

Manual Integrations
APPROVED

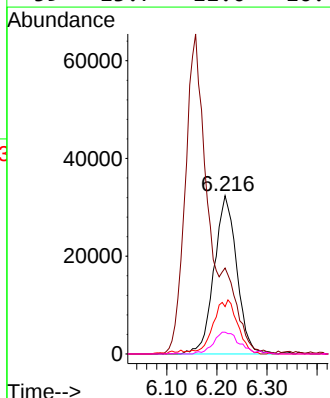
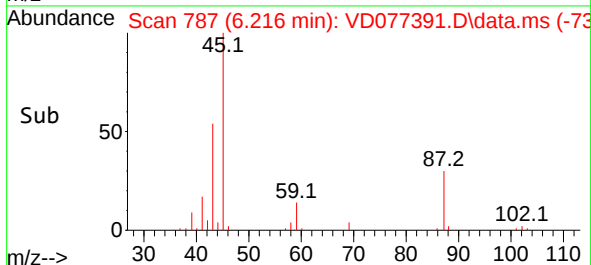
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

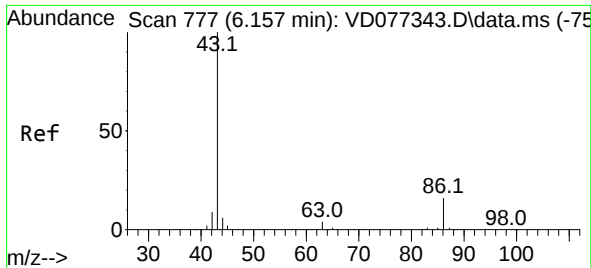


#22
Diisopropyl ether
Concen: 27.540 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23



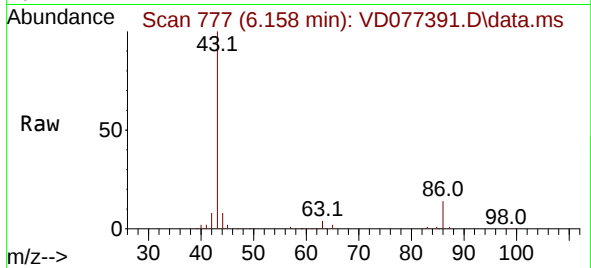
Tgt Ion: 45 Resp: 101728
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 29.9 28.2 42.4
59 13.7 11.0 16.4





#23
 Vinyl Acetate
 Concen: 133.699 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

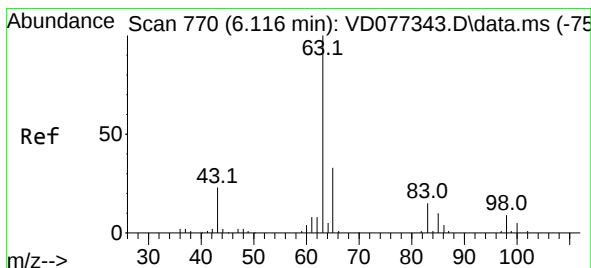
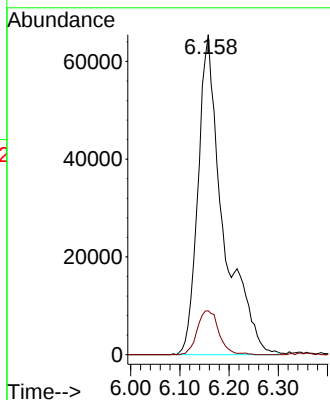
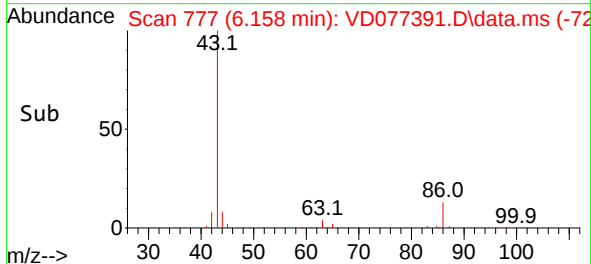
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBSD01



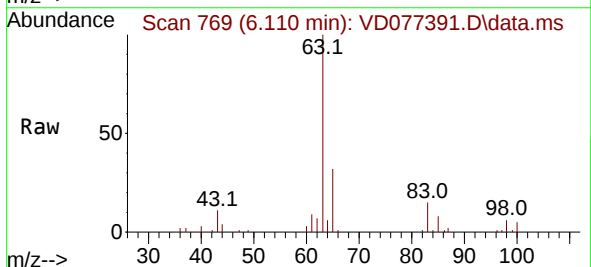
Tgt Ion: 43 Resp: 23144
 Ion Ratio Lower Upper
 43 100
 86 13.7 12.5 18.7

Manual Integrations
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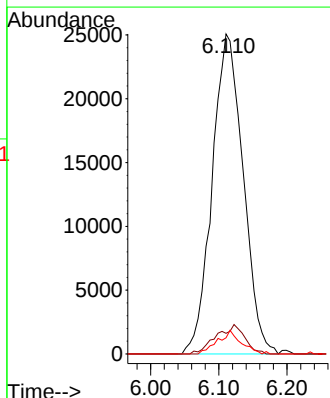
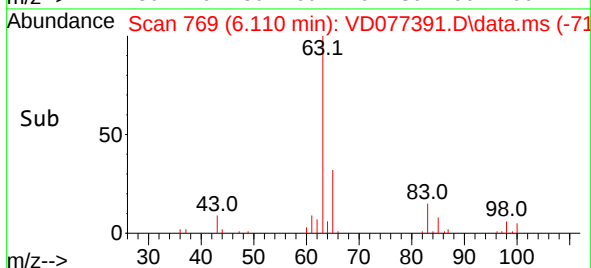
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

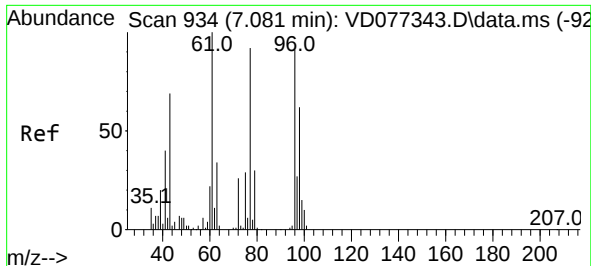


#24
 1,1-Dichloroethane
 Concen: 25.827 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23



Tgt Ion: 63 Resp: 79320
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 5.1 2.5 7.5





#25

2-Butanone

Concen: 134.292 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD077391.D

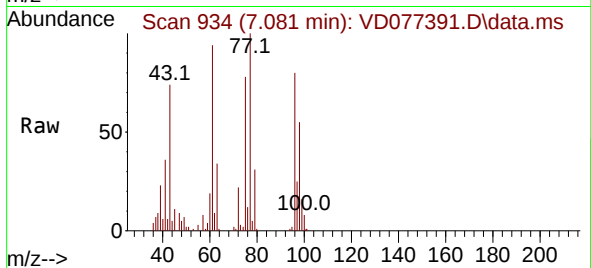
Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01



Tgt Ion: 43 Resp: 46984

Ion Ratio Lower Upper

43 100

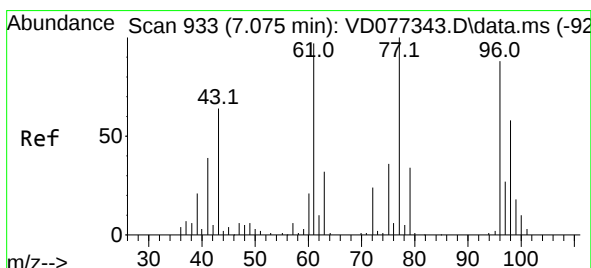
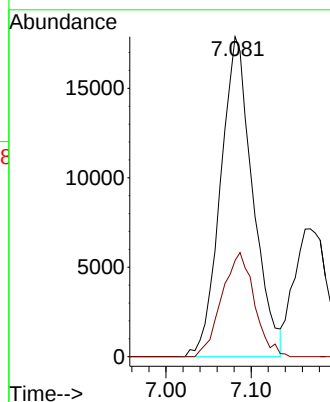
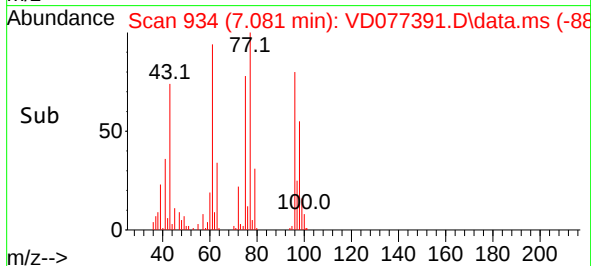
72 30.1 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#26

2,2-Dichloropropane

Concen: 25.446 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077391.D

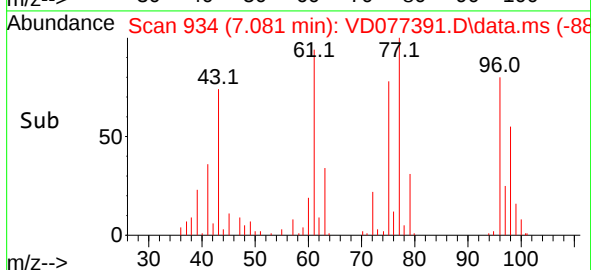
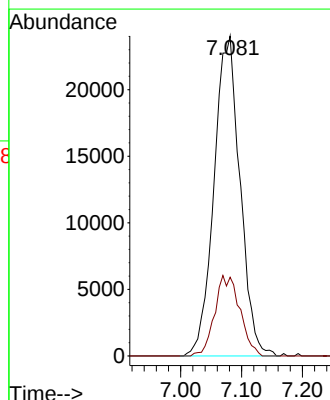
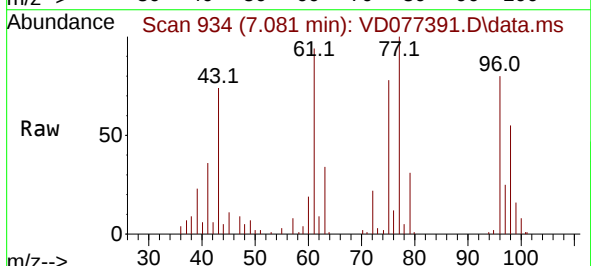
Acq: 24 Oct 2023 13:23

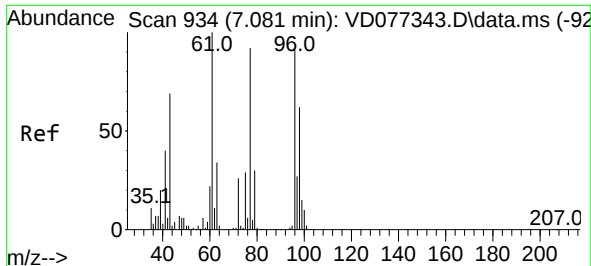
Tgt Ion: 77 Resp: 71256

Ion Ratio Lower Upper

77 100

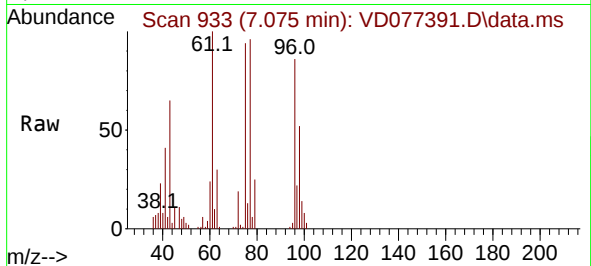
97 24.3 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 23.810 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

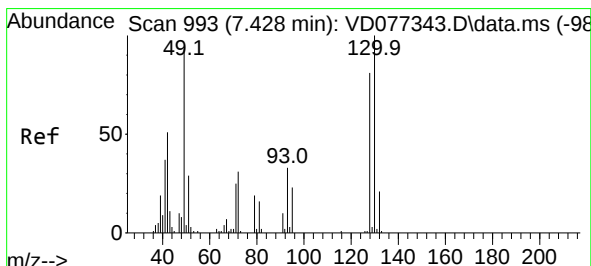
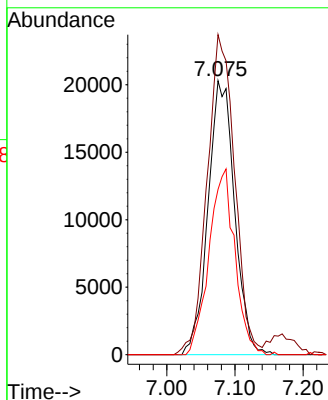
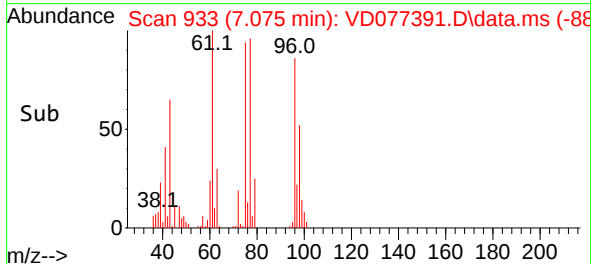
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBSD01



Tgt Ion: 96 Resp: 55069
 Ion Ratio Lower Upper
 96 100
 61 120.9 0.0 239.2
 98 66.1 0.0 128.6

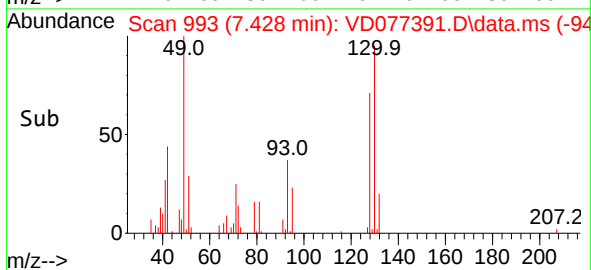
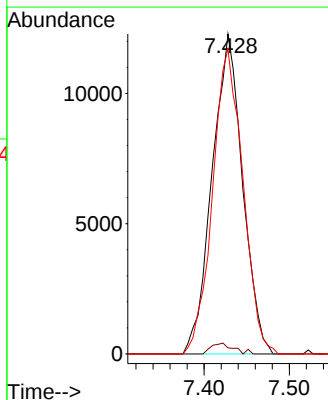
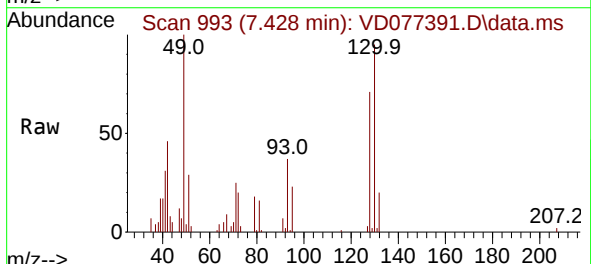
Manual Integrations
 APPROVED

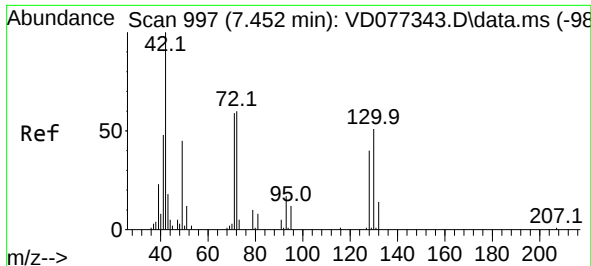
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#28
 Bromochloromethane
 Concen: 27.176 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

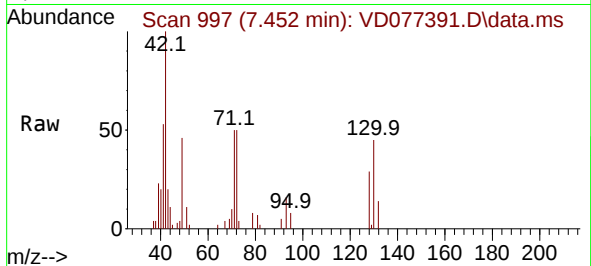
Tgt Ion: 49 Resp: 30488
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 6.0
 130 95.2 83.2 124.8





#29
Tetrahydrofuran
Concen: 128.208 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

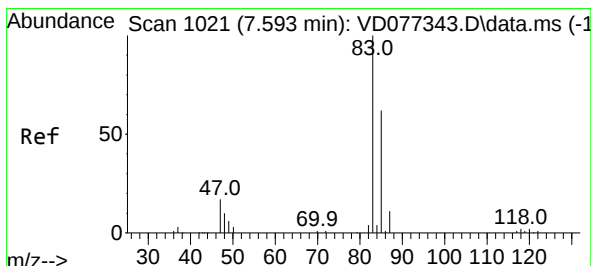
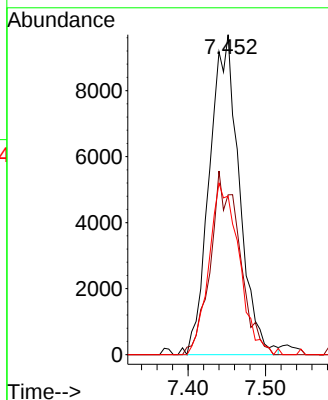
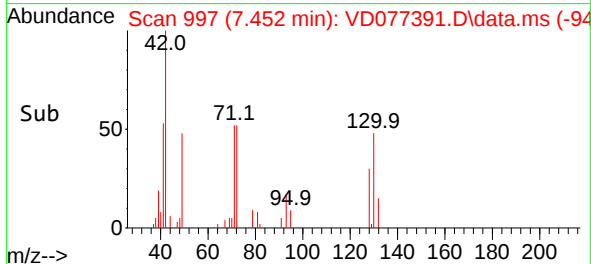
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



Tgt Ion: 42 Resp: 2587
Ion Ratio Lower Upper
42 100
72 56.0 46.5 69.7
71 54.4 44.5 66.7

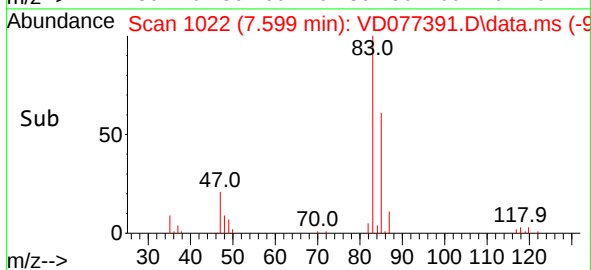
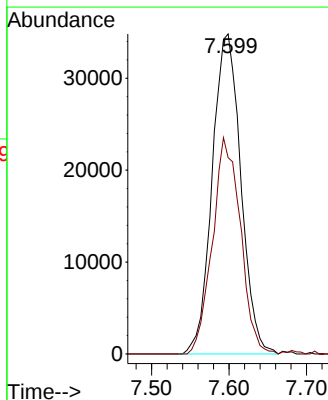
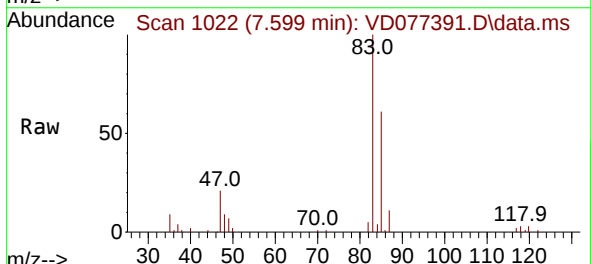
Manual Integrations
APPROVED

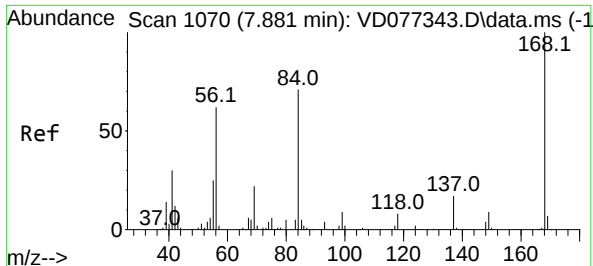
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#30
Chloroform
Concen: 25.367 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 83 Resp: 89385
Ion Ratio Lower Upper
83 100
85 61.4 53.4 80.2





#31

Cyclohexane

Concen: 24.627 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077391.D

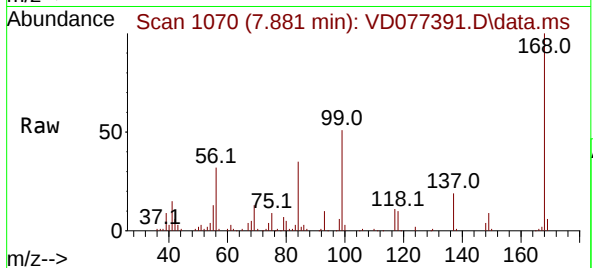
Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01



Tgt Ion: 56 Resp: 5893

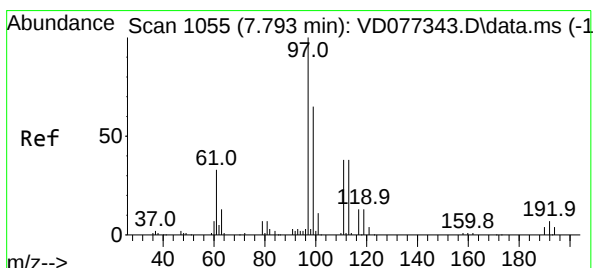
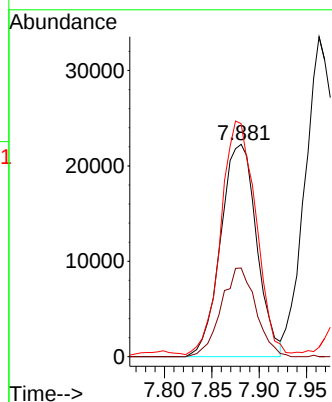
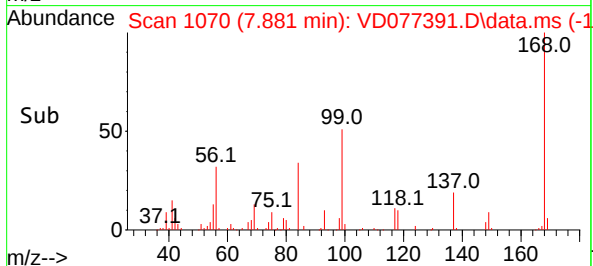
Ion	Ratio	Lower	Upper
56	100		
69	41.7	28.6	43.0
84	108.2	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#32

1,1,1-Trichloroethane

Concen: 25.126 ug/l

RT: 7.793 min Scan# 1055

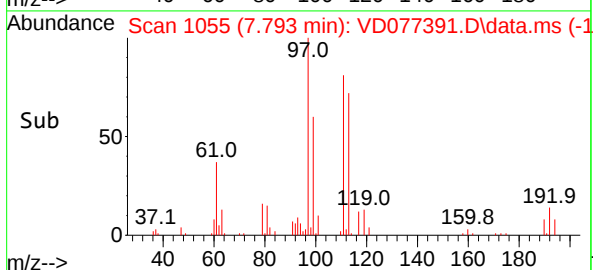
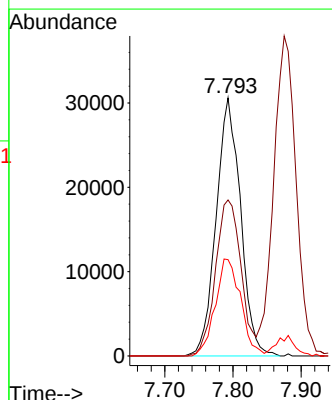
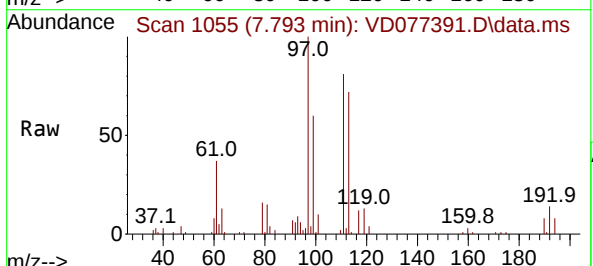
Delta R.T. -0.000 min

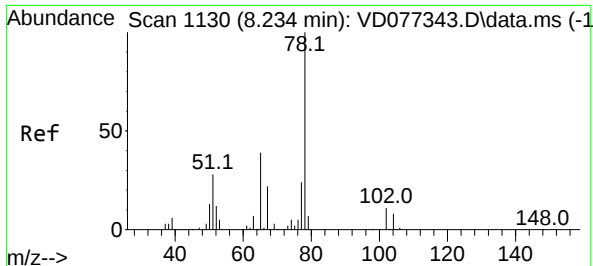
Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Tgt Ion: 97 Resp: 76382

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.0	78.0
61	39.1	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 45.194 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

Tgt Ion: 65 Resp: 6951

Ion Ratio Lower Upper

65 100

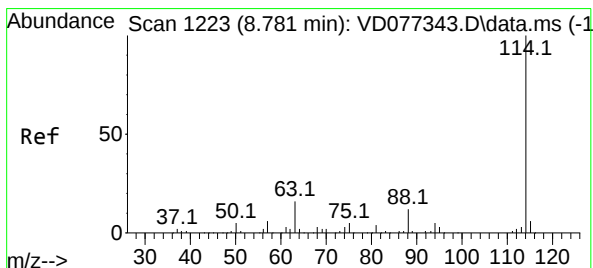
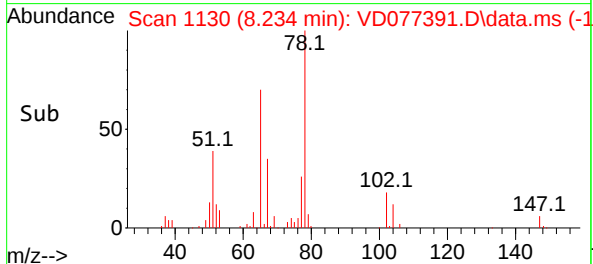
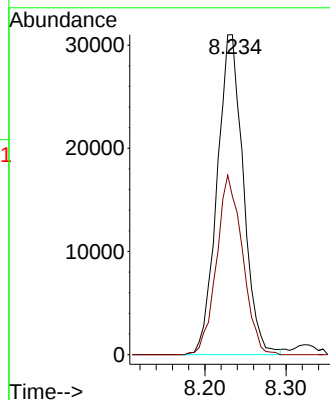
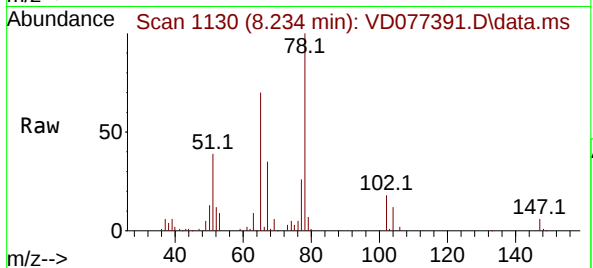
67 55.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

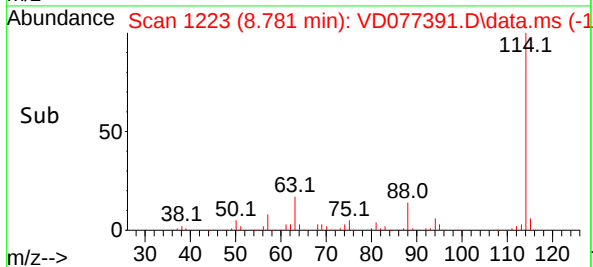
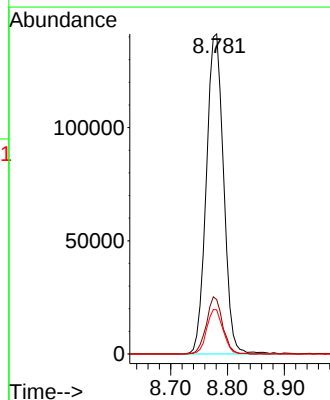
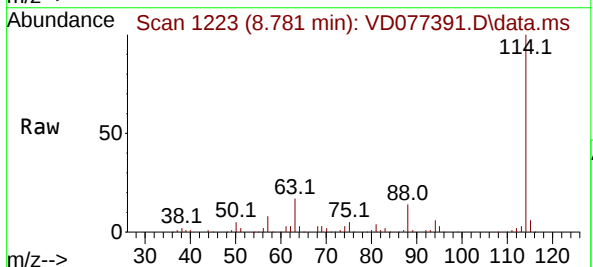
Tgt Ion:114 Resp: 297623

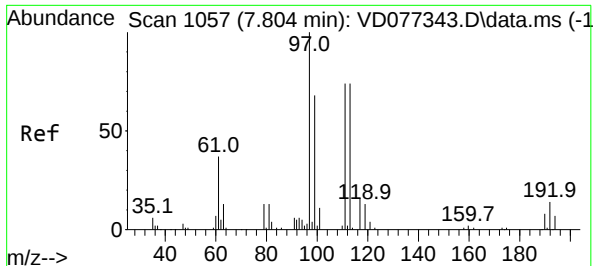
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 40.202 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

Tgt Ion: 113 Resp: 8405

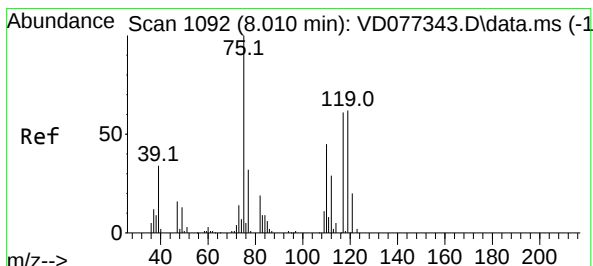
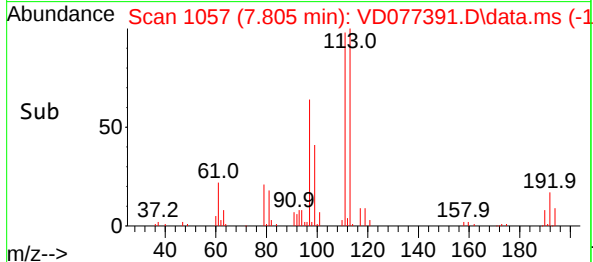
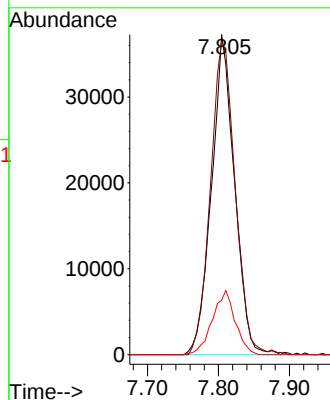
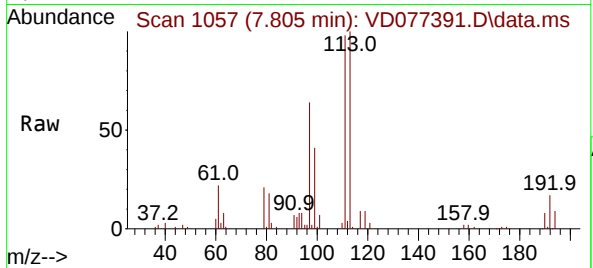
Ion	Ratio	Lower	Upper
113	100		
111	104.3	84.7	127.1
192	19.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#36

1,1-Dichloropropene

Concen: 23.344 ug/l

RT: 8.010 min Scan# 1092

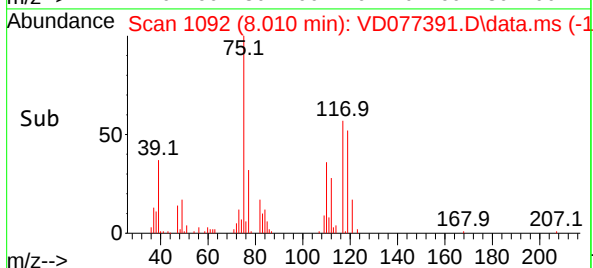
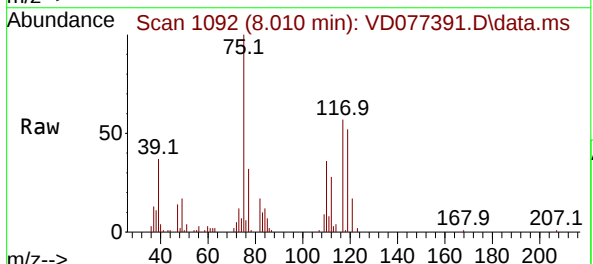
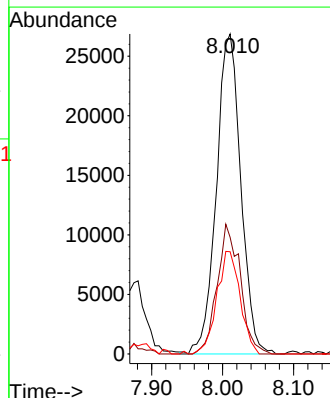
Delta R.T. 0.000 min

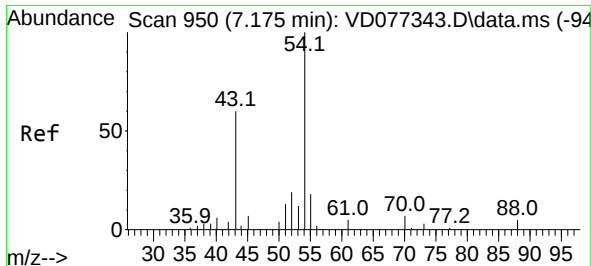
Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Tgt Ion: 75 Resp: 64137

Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.9	59.6
77	30.5	24.7	37.1





#37

Ethyl Acetate

Concen: 21.869 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

Tgt Ion: 43 Resp: 1887

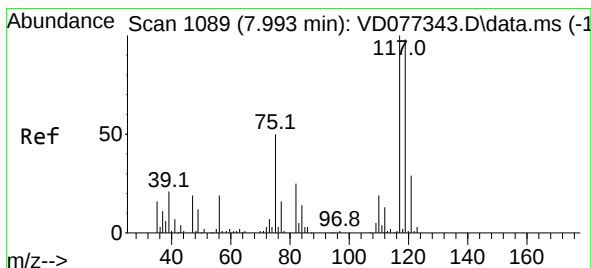
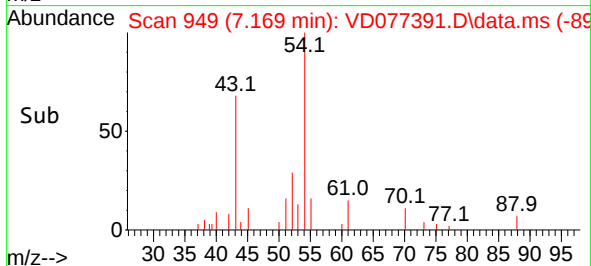
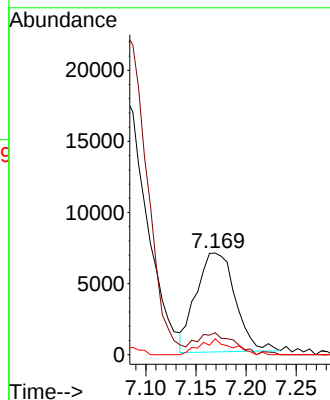
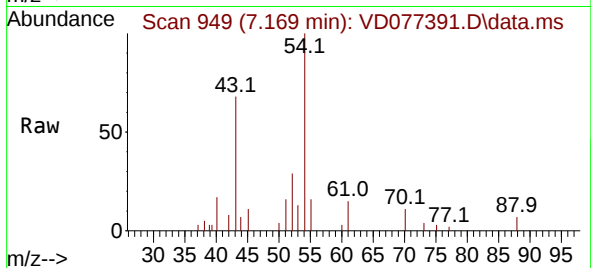
Ion	Ratio	Lower	Upper
43	100		
61	20.6	14.9	22.3
70	13.0	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#38

Carbon Tetrachloride

Concen: 22.463 ug/l

RT: 7.993 min Scan# 1089

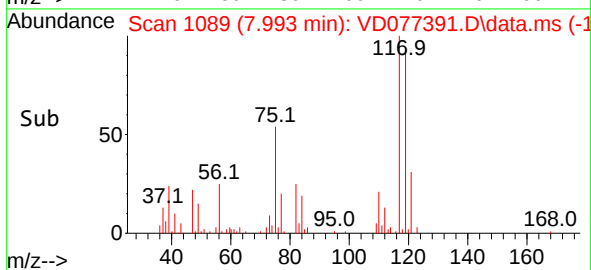
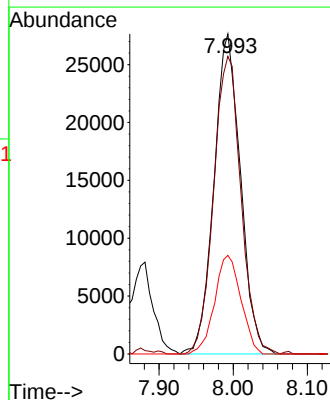
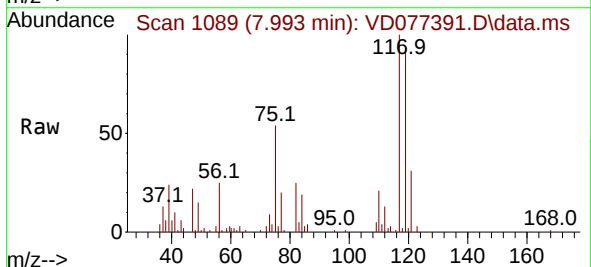
Delta R.T. -0.000 min

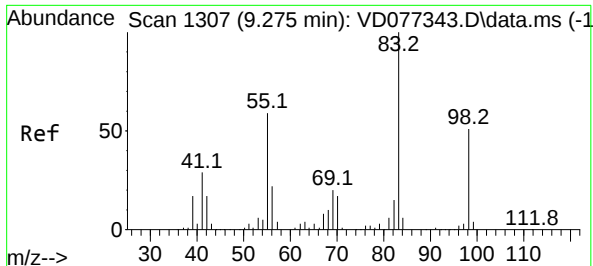
Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Tgt Ion:117 Resp: 68656

Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.0	117.0
121	30.8	24.2	36.2





#39

Methylcyclohexane

Concen: 20.824 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

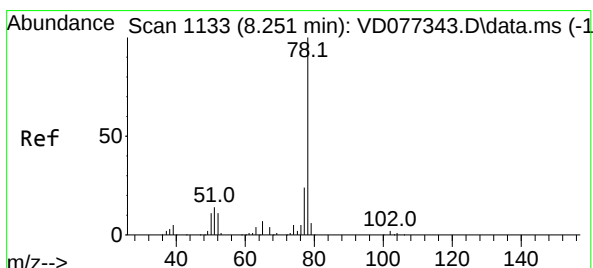
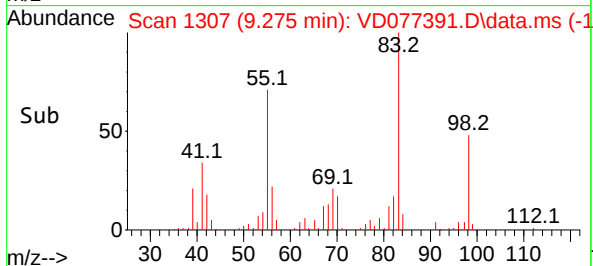
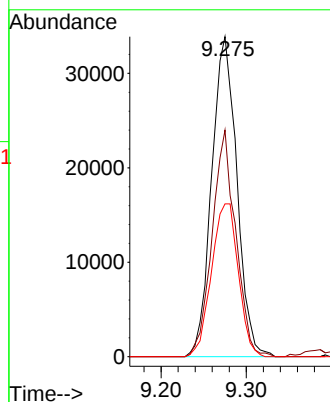
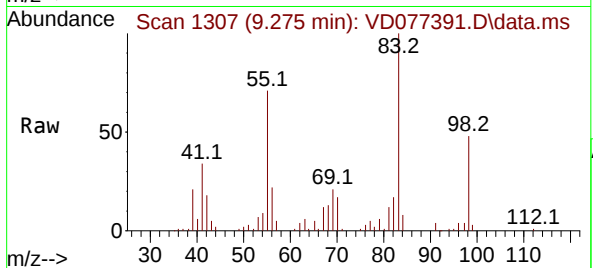
Tgt Ion: 83 Resp: 69520
 Ion Ratio Lower Upper
 83 100
 55 70.8 49.4 74.0
 98 47.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Benzene

Concen: 23.521 ug/l

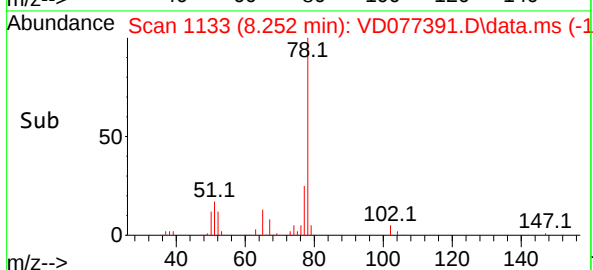
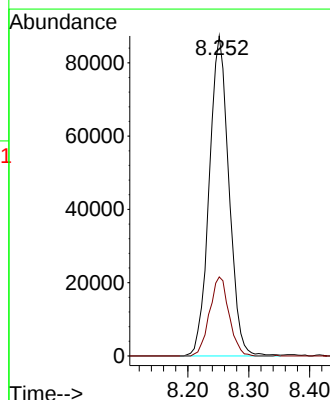
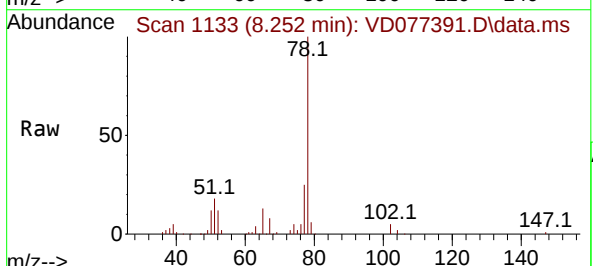
RT: 8.252 min Scan# 1133

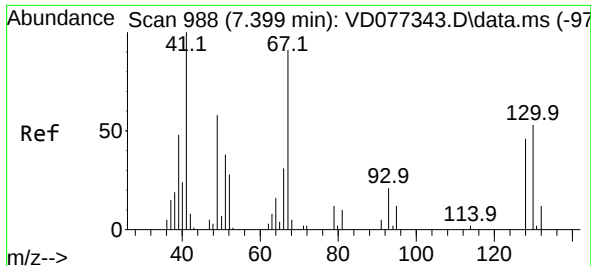
Delta R.T. 0.001 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

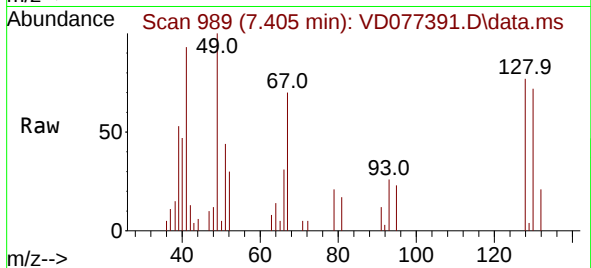
Tgt Ion: 78 Resp: 196110
 Ion Ratio Lower Upper
 78 100
 77 24.7 19.4 29.0





#41
Methacrylonitrile
Concen: 25.185 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

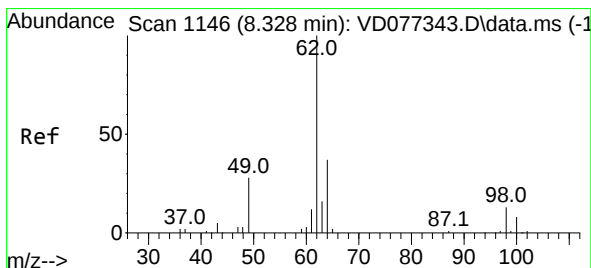
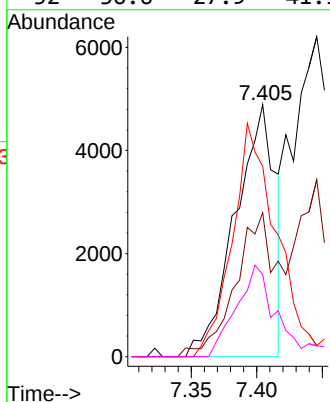
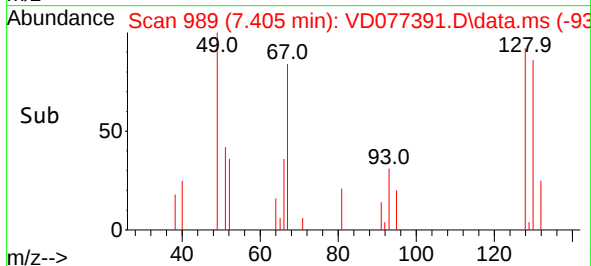
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



Tgt Ion: 41 Resp: 1037
Ion Ratio Lower Upper
41 100
39 60.0 34.0 51.0
67 102.3 77.0 115.4
52 36.6 27.9 41.9

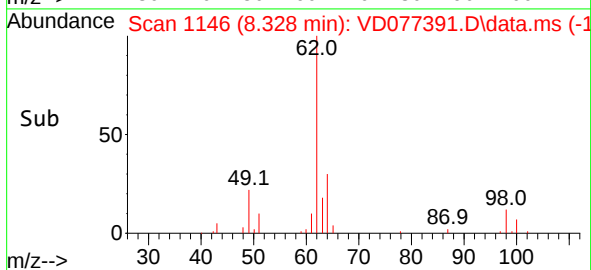
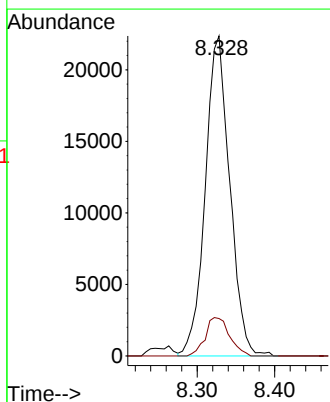
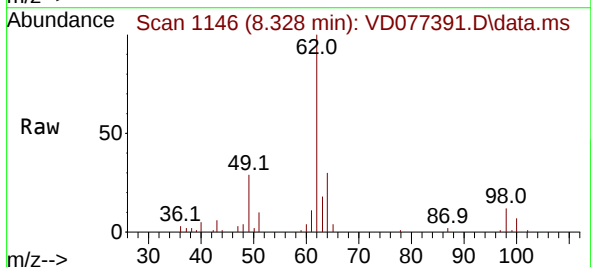
Manual Integrations
APPROVED

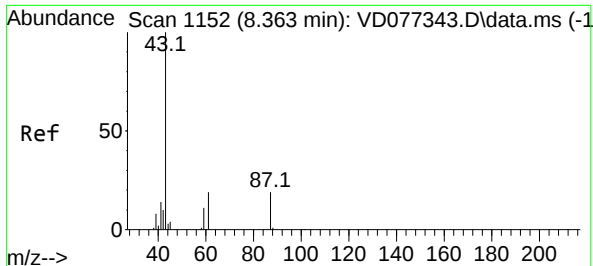
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#42
1,2-Dichloroethane
Concen: 25.065 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 62 Resp: 49224
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4





#43

Isopropyl Acetate

Concen: 23.306 ug/l

RT: 8.369 min Scan# 1153

Delta R.T. 0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

Tgt Ion: 43 Resp: 36210

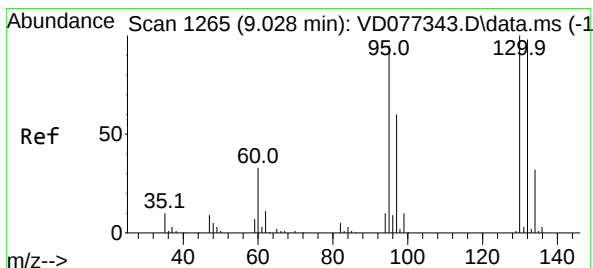
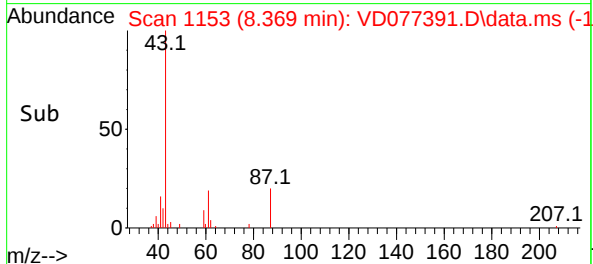
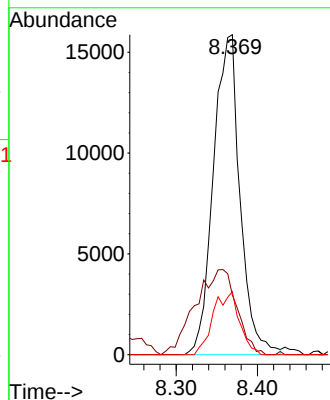
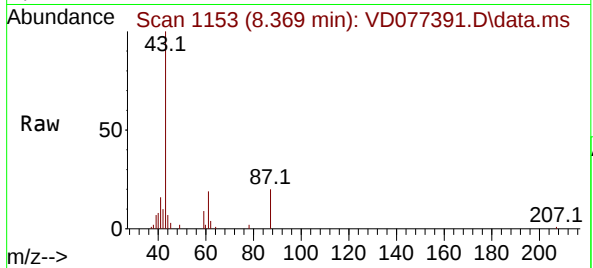
Ion	Ratio	Lower	Upper
43	100		
61	41.3	31.4	47.0
87	19.5	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#44

Trichloroethene

Concen: 21.409 ug/l

RT: 9.028 min Scan# 1265

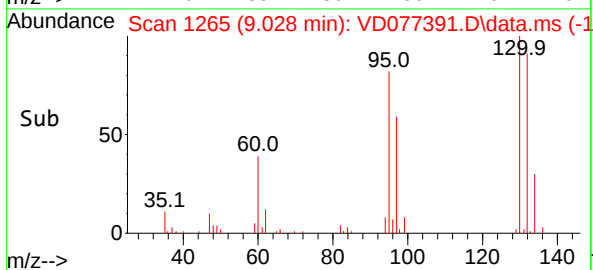
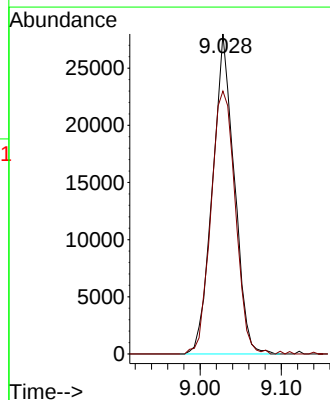
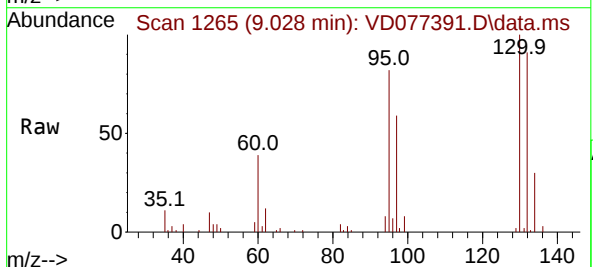
Delta R.T. -0.000 min

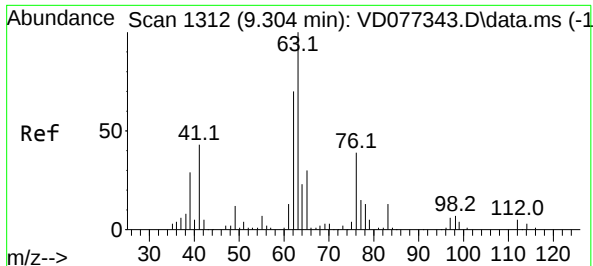
Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Tgt Ion:130 Resp: 52188

Ion	Ratio	Lower	Upper
130	100		
95	82.1	0.0	179.2





#45

1,2-Dichloropropane

Concen: 24.741 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

Tgt Ion: 63 Resp: 47552

Ion Ratio Lower Upper

63 100

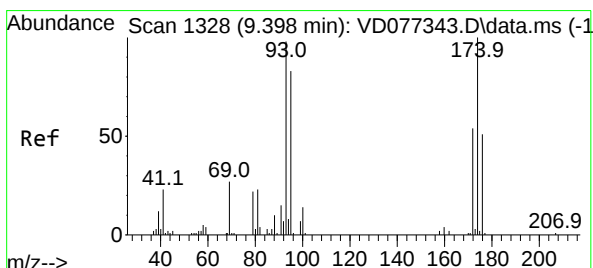
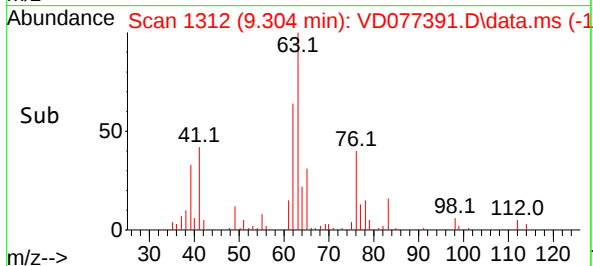
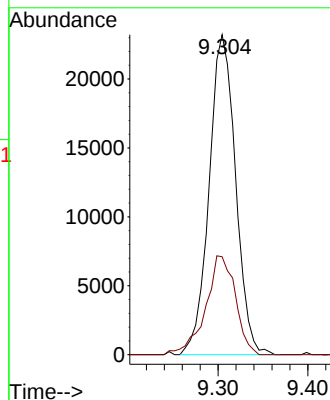
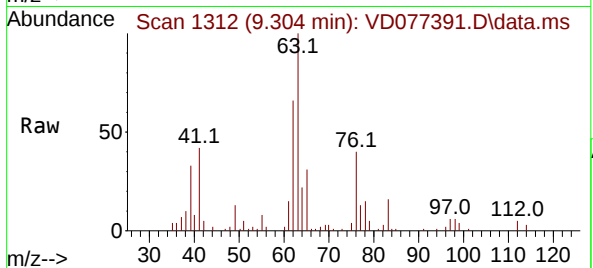
65 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#46

Dibromomethane

Concen: 22.343 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

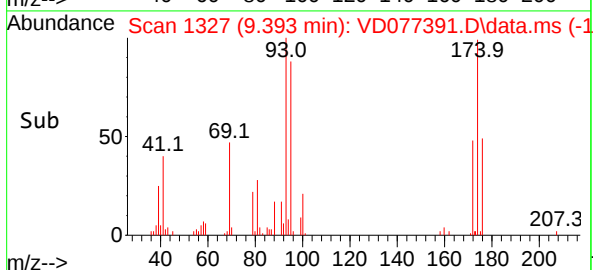
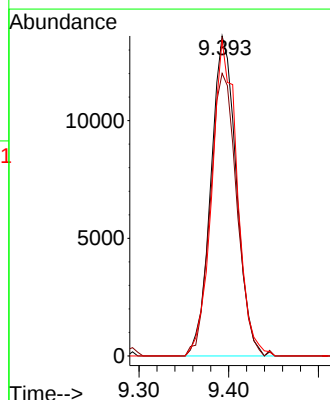
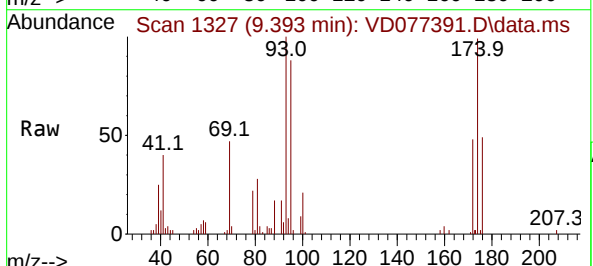
Tgt Ion: 93 Resp: 26847

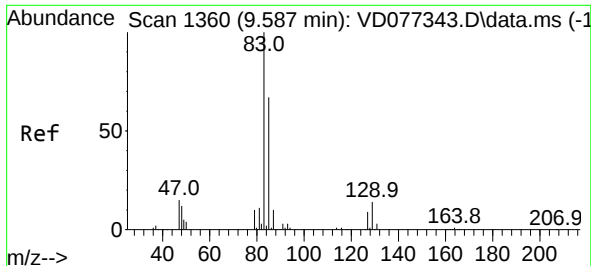
Ion Ratio Lower Upper

93 100

95 91.6 67.7 101.5

174 97.7 85.4 128.2





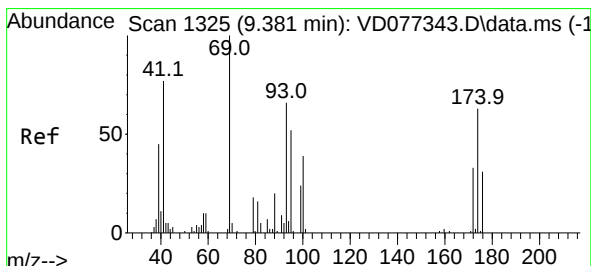
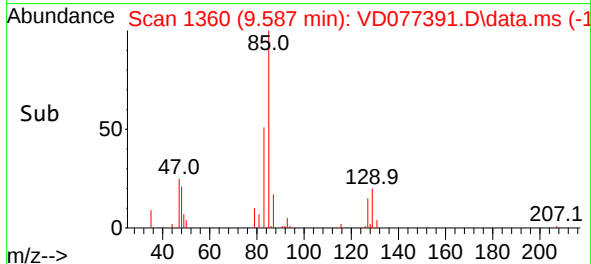
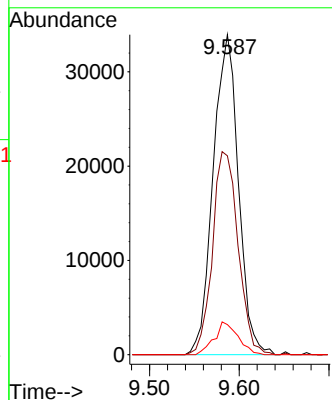
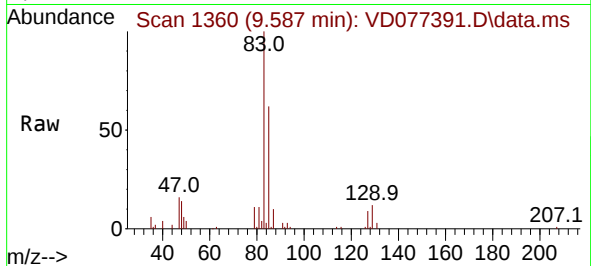
#47
Bromodichloromethane
Concen: 23.142 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 83 Resp: 66304
Ion Ratio Lower Upper
83 100
85 62.2 50.2 75.4
127 9.4 6.3 9.5

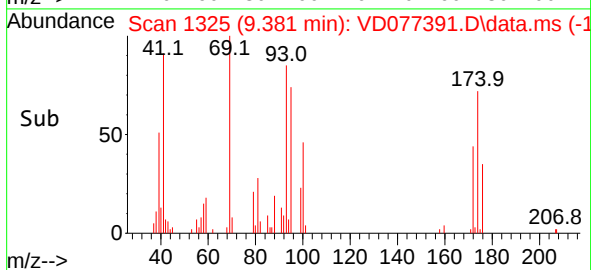
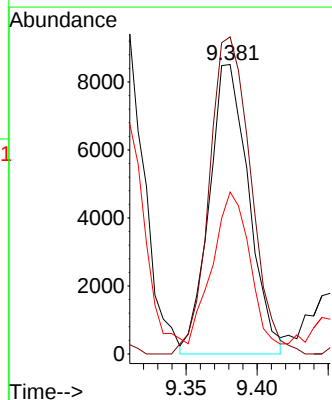
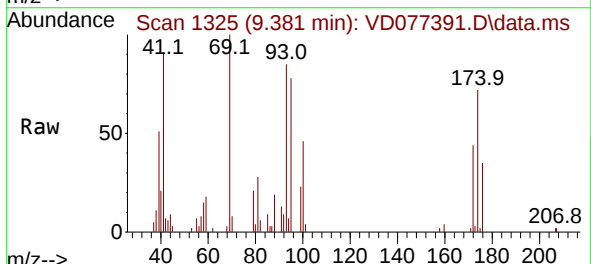
Manual Integrations
APPROVED

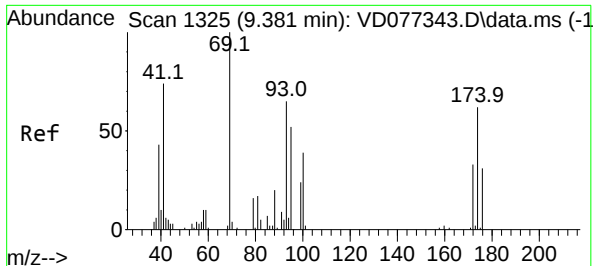
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Methyl methacrylate
Concen: 23.418 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 41 Resp: 16459
Ion Ratio Lower Upper
41 100
69 115.0 102.2 153.2
39 55.1 41.4 62.2





#49

1,4-Dioxane

Concen: 433.932 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

Tgt Ion: 88 Resp: 486

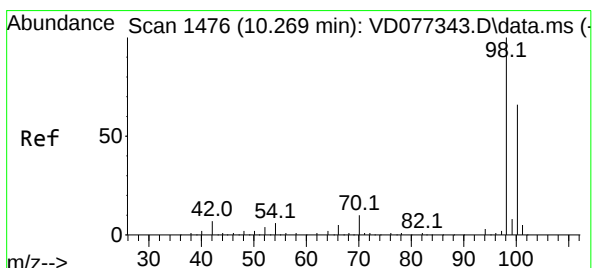
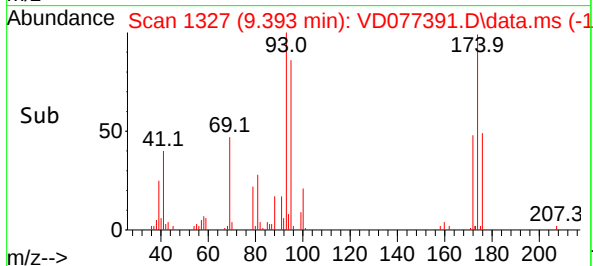
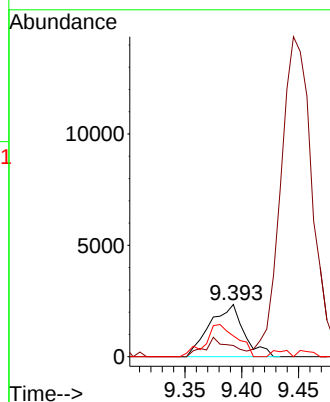
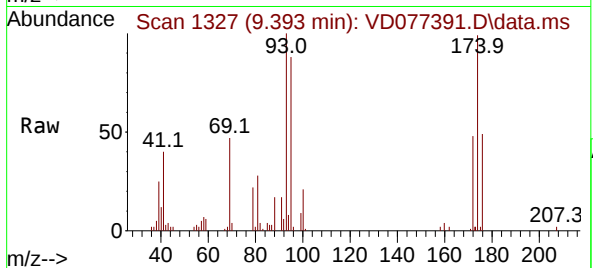
Ion	Ratio	Lower	Upper
88	100		
43	28.9	19.0	28.6
58	56.8	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

Toluene-d8

Concen: 40.457 ug/l

RT: 10.269 min Scan# 1476

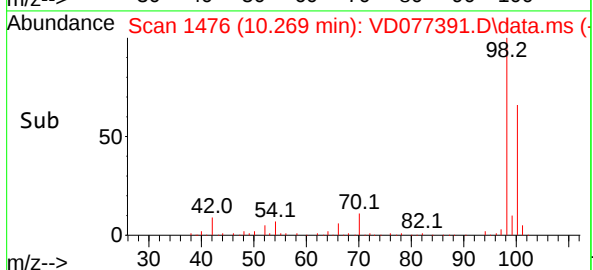
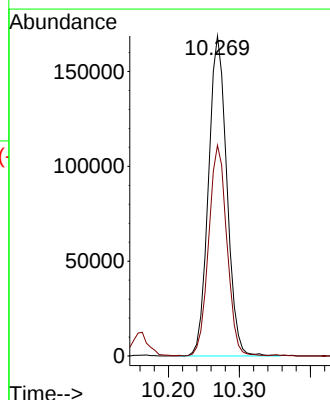
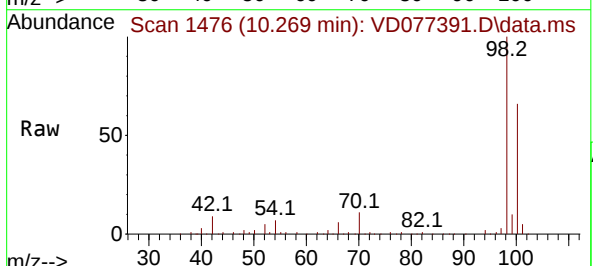
Delta R.T. 0.000 min

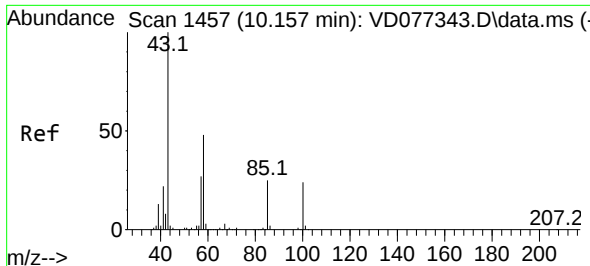
Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Tgt Ion: 98 Resp: 302957

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.3	75.5





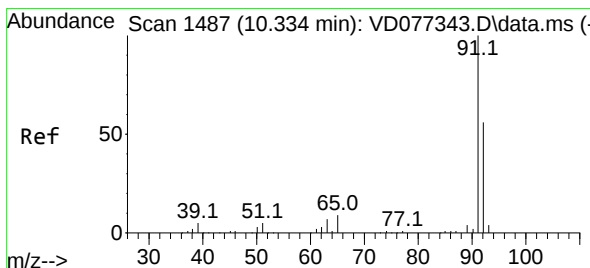
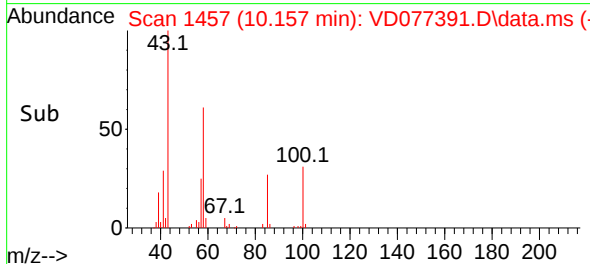
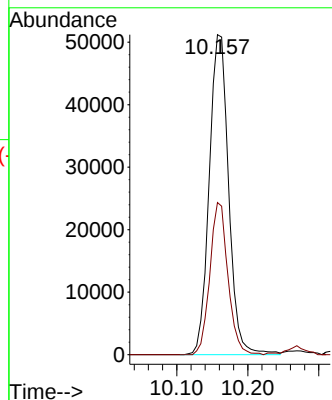
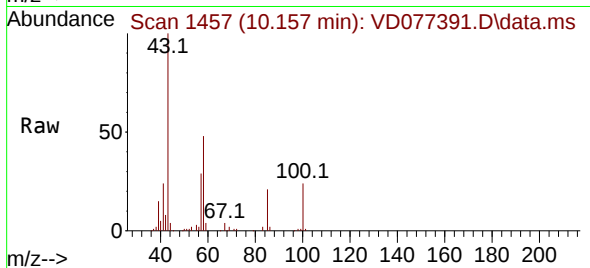
#51
4-Methyl-2-Pentanone
Concen: 124.808 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 43 Resp: 9720
Ion Ratio Lower Upper
43 100
58 44.3 38.9 58.3

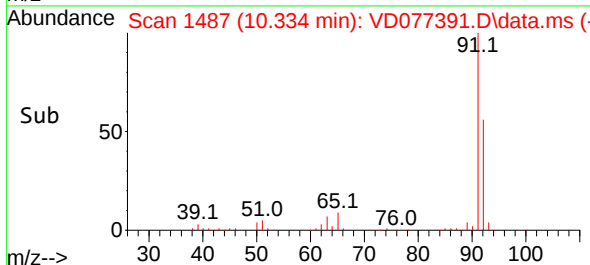
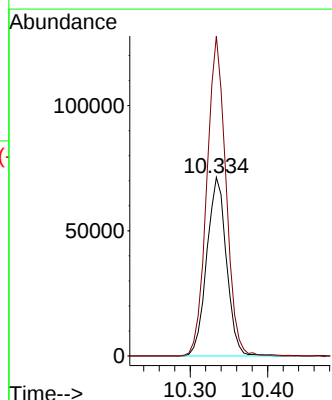
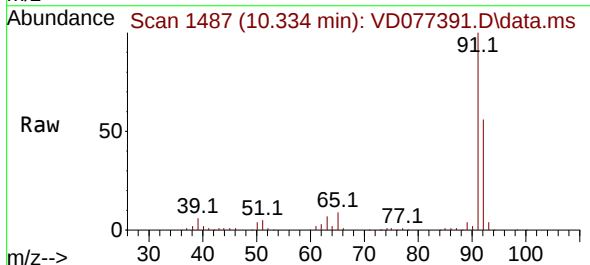
Manual Integrations
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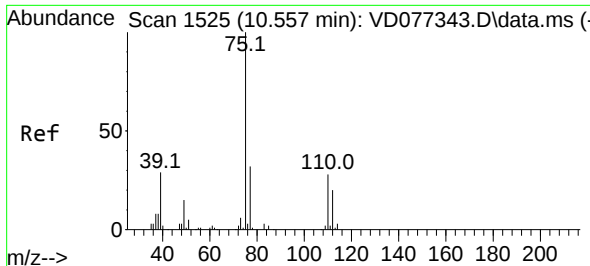
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#52
Toluene
Concen: 23.102 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 92 Resp: 125761
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4





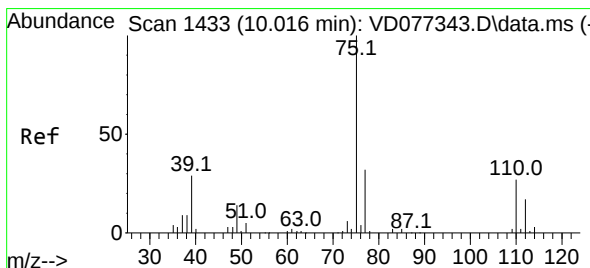
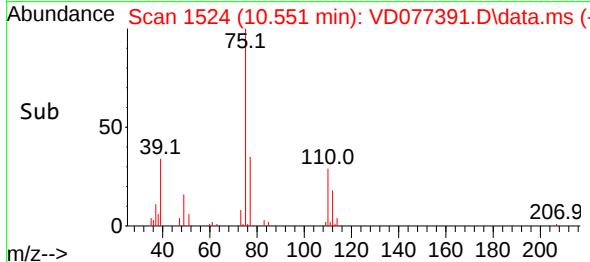
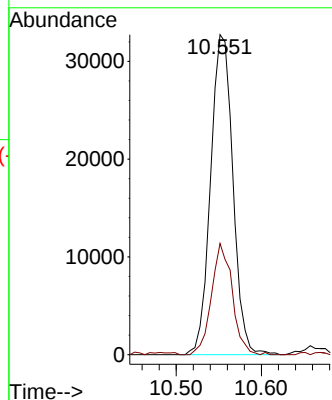
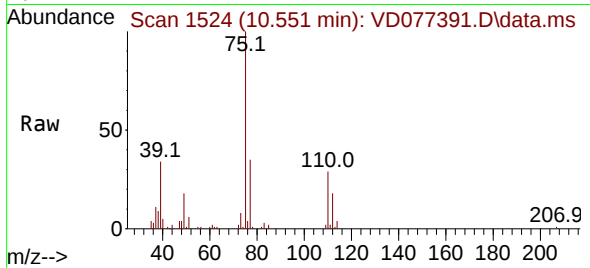
#53
t-1,3-Dichloropropene
Concen: 23.126 ug/l
RT: 10.551 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 75 Resp: 5947
Ion Ratio Lower Upper
75 100
77 34.7 25.3 37.9

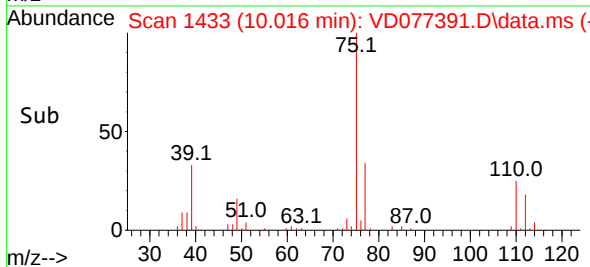
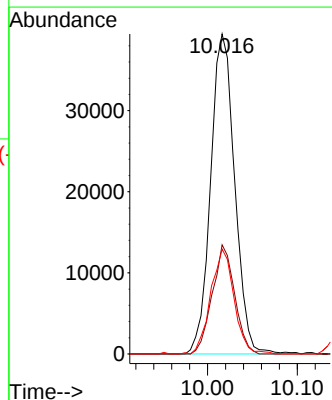
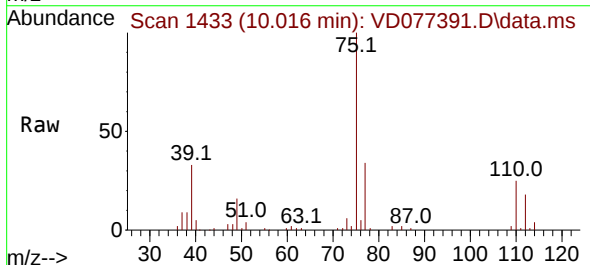
Manual Integrations
APPROVED

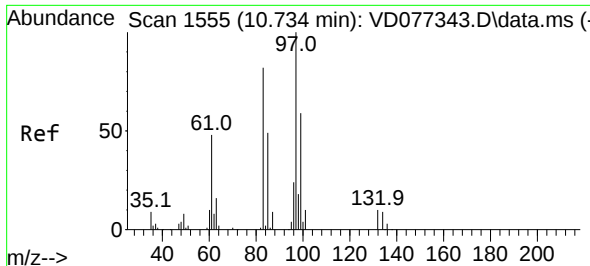
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#54
cis-1,3-Dichloropropene
Concen: 23.333 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

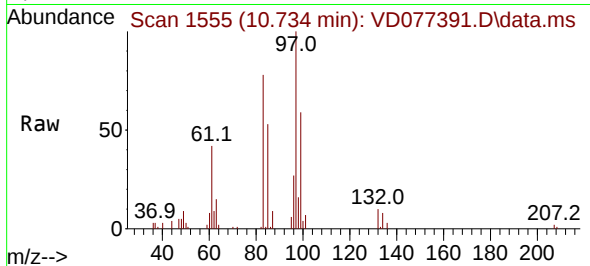
Tgt Ion: 75 Resp: 73420
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3
39 32.8 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 23.848 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

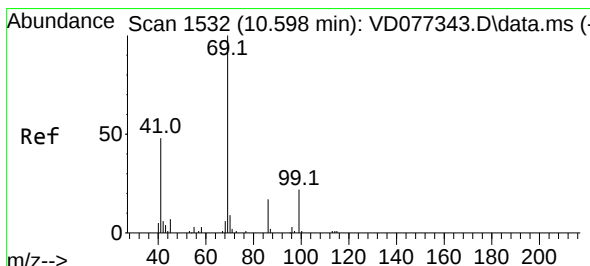
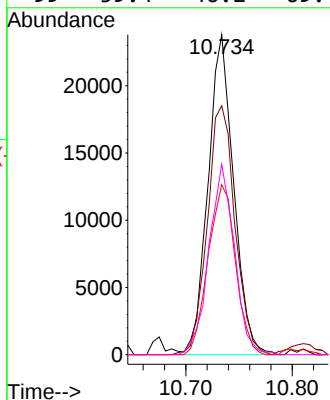
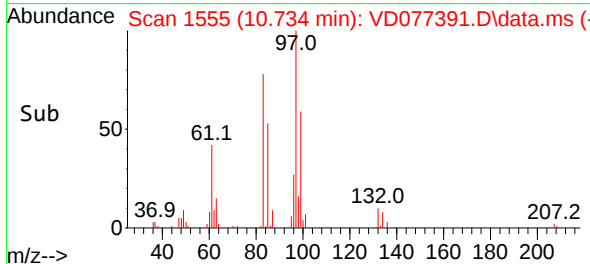
Instrument : MSVOA_D
ClientSampleId : VD1024SBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.1	65.8	98.6
85	53.1	45.7	68.5
99	59.4	46.2	69.4

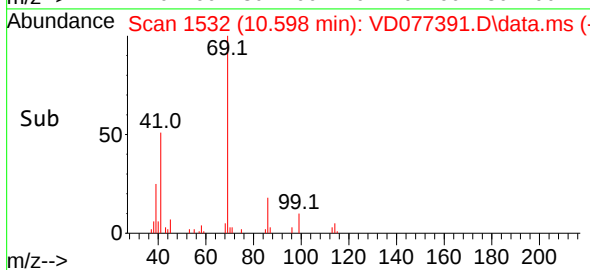
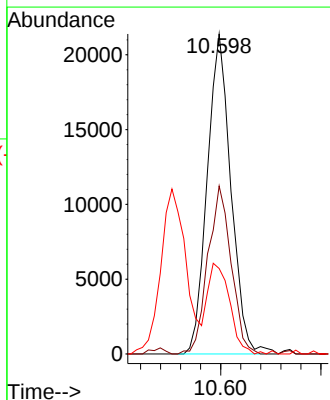
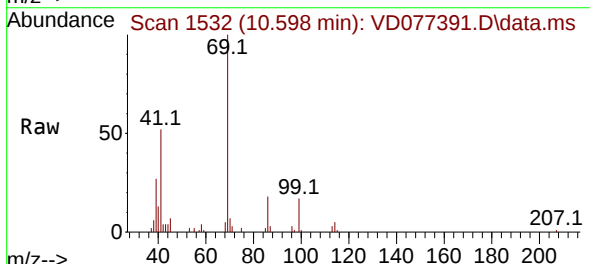
Manual Integrations
APPROVED

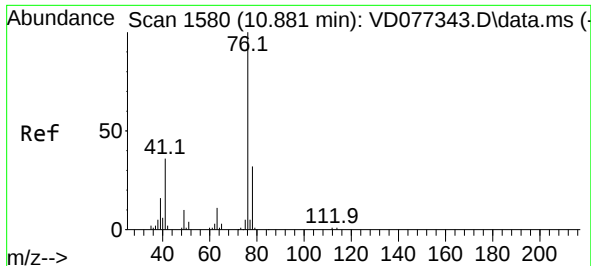
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#56
Ethyl methacrylate
Concen: 22.108 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	51.6	39.1	58.7
39	26.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 24.373 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBS01

Tgt Ion: 76 Resp: 6230

Ion Ratio Lower Upper

76 100

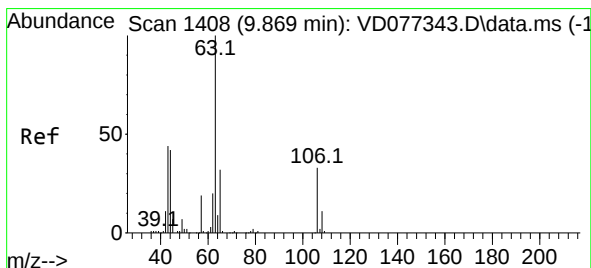
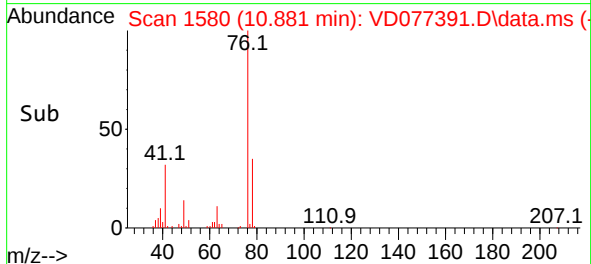
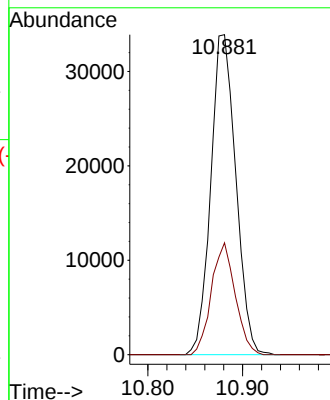
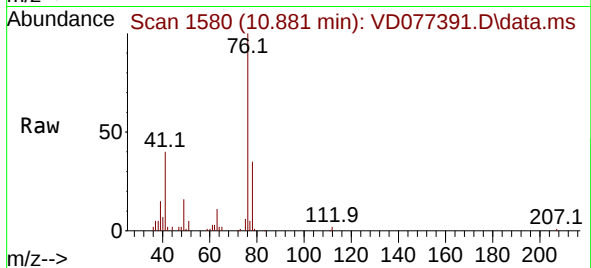
78 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.219 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077391.D

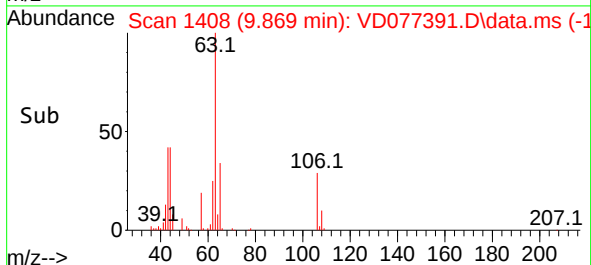
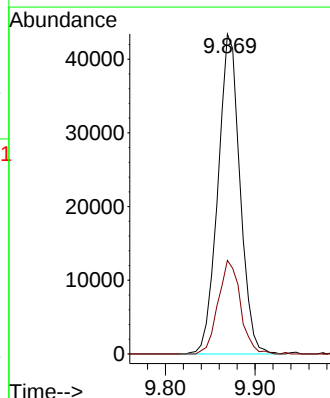
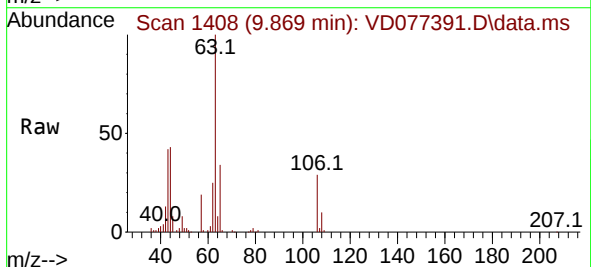
Acq: 24 Oct 2023 13:23

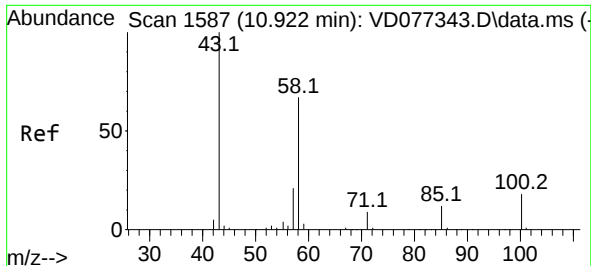
Tgt Ion: 63 Resp: 74106

Ion Ratio Lower Upper

63 100

106 29.5 25.3 37.9





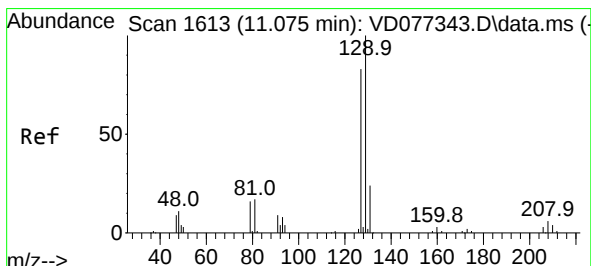
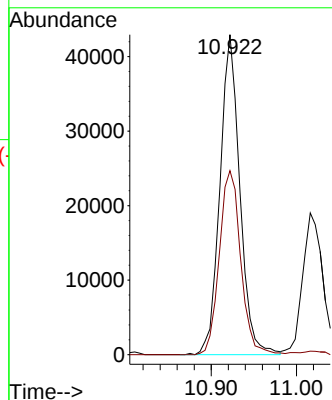
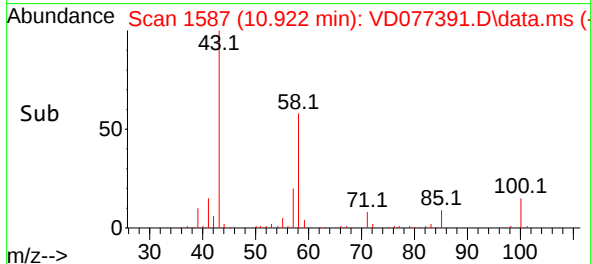
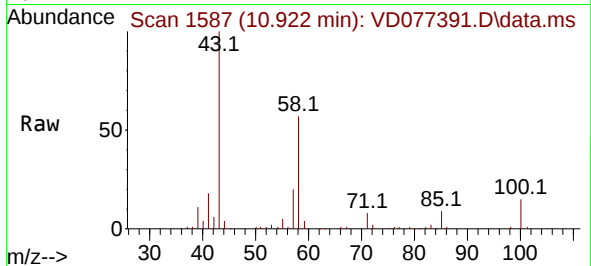
#59
2-Hexanone
Concen: 124.689 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 43 Resp: 69740
Ion Ratio Lower Upper
43 100
58 61.8 34.1 102.2

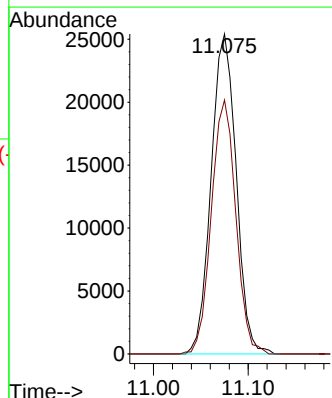
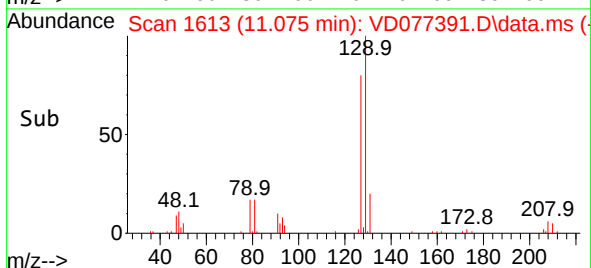
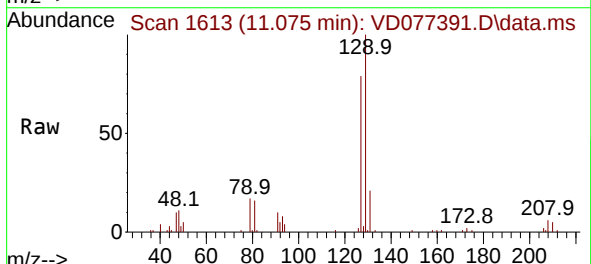
Manual Integrations
APPROVED

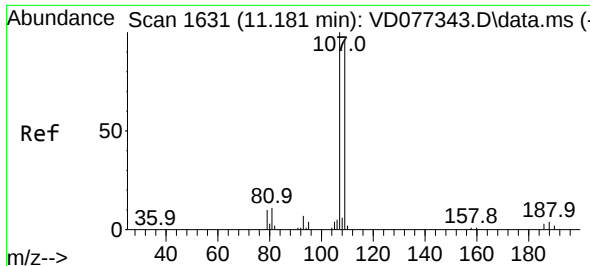
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
Dibromochloromethane
Concen: 21.998 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:129 Resp: 46746
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5





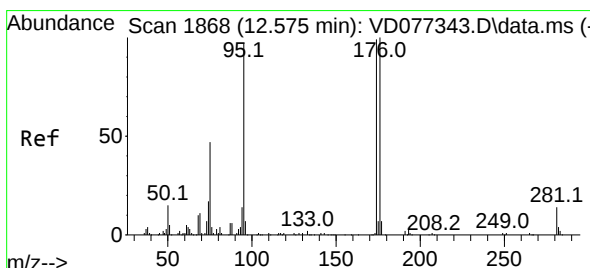
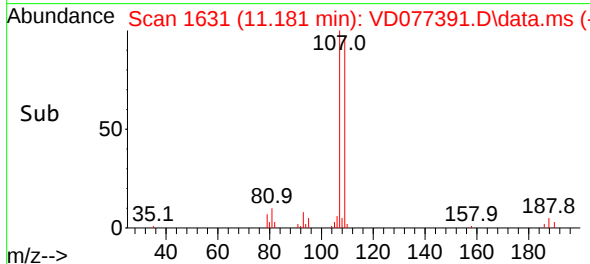
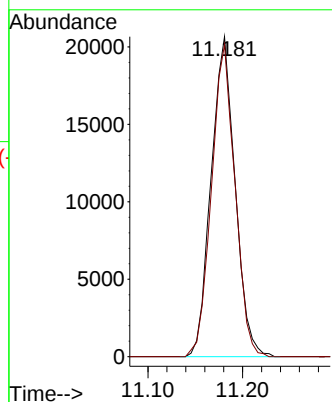
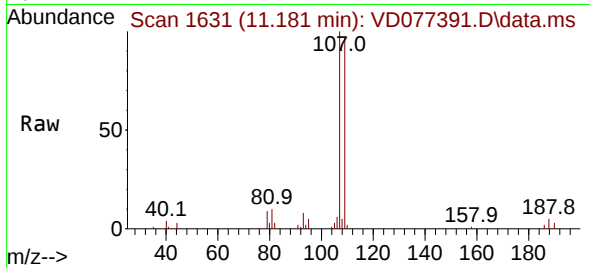
#61
1,2-Dibromoethane
Concen: 23.159 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion:107 Resp: 36318
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4

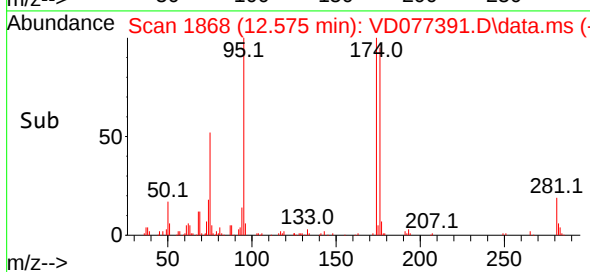
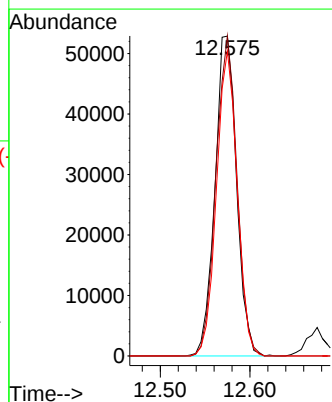
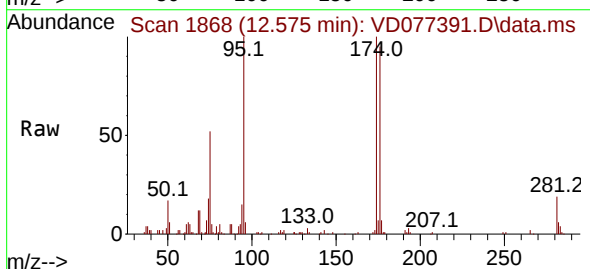
Manual Integrations
APPROVED

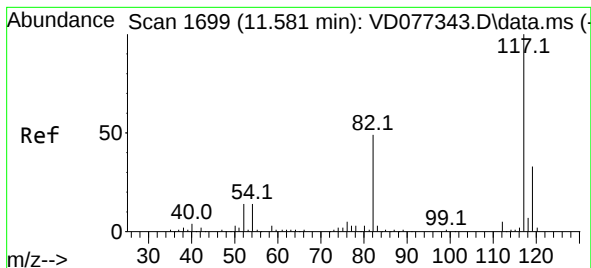
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
4-Bromofluorobenzene
Concen: 40.995 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

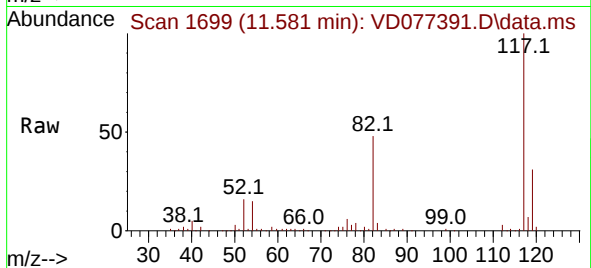
Tgt Ion: 95 Resp: 88368
Ion Ratio Lower Upper
95 100
174 97.8 0.0 201.8
176 91.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

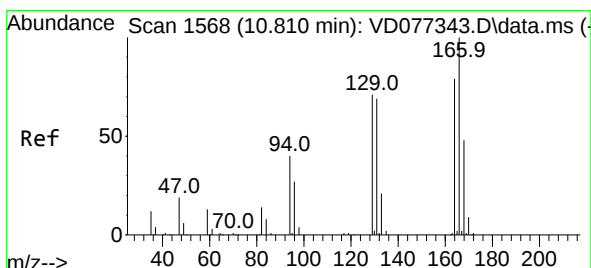
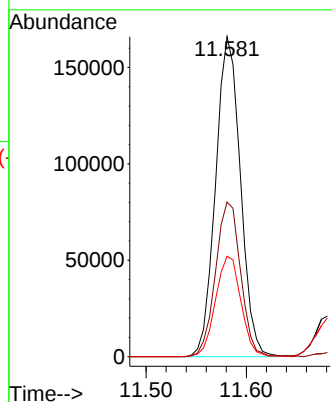
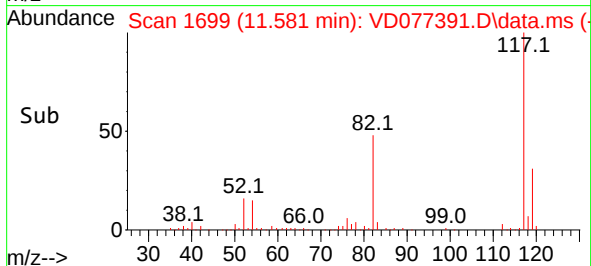
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



Tgt Ion:117 Resp: 28558
Ion Ratio Lower Upper
117 100
82 48.3 38.3 57.5
119 31.4 25.0 37.4

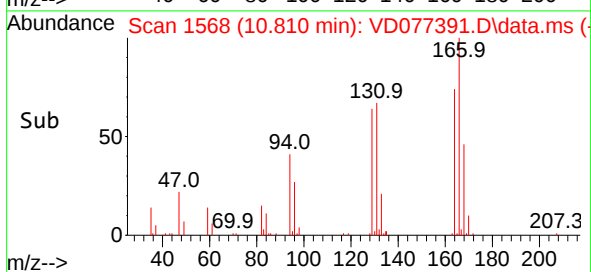
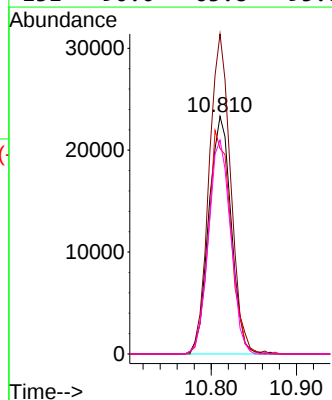
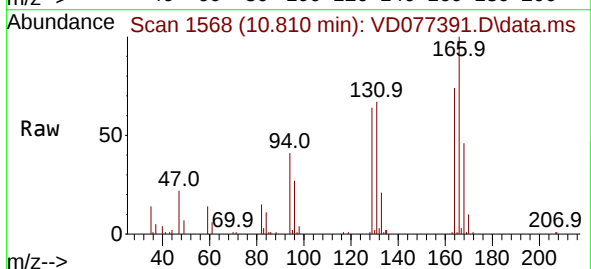
Manual Integrations
APPROVED

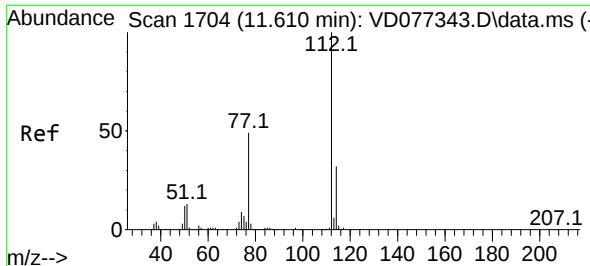
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#64
Tetrachloroethene
Concen: 20.120 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

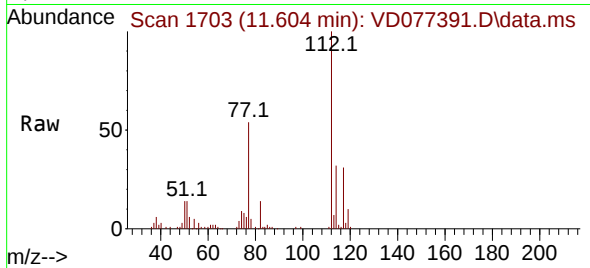
Tgt Ion:164 Resp: 42708
Ion Ratio Lower Upper
164 100
166 134.7 99.2 148.8
129 86.4 68.4 102.6
131 90.0 63.8 95.8





#65
Chlorobenzene
Concen: 21.922 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

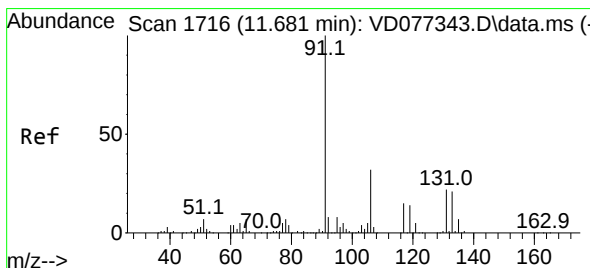
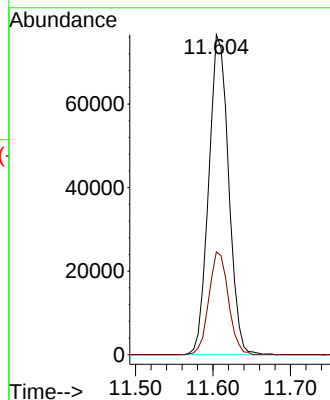
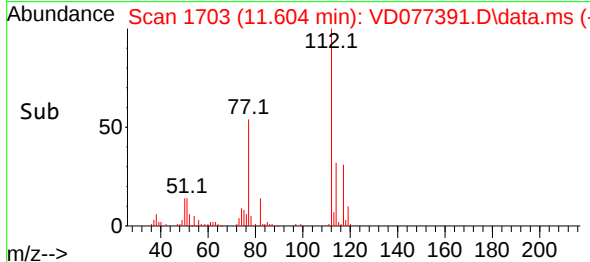
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



Tgt Ion:112 Resp: 136459
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

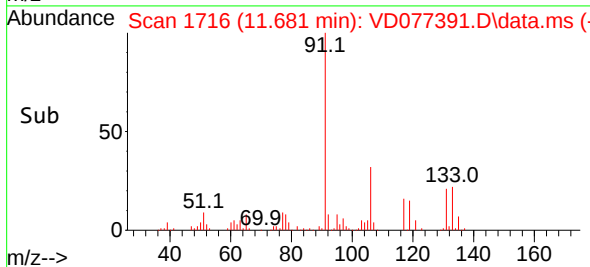
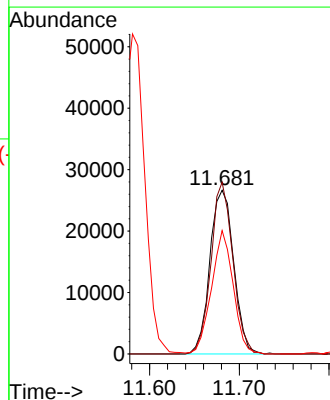
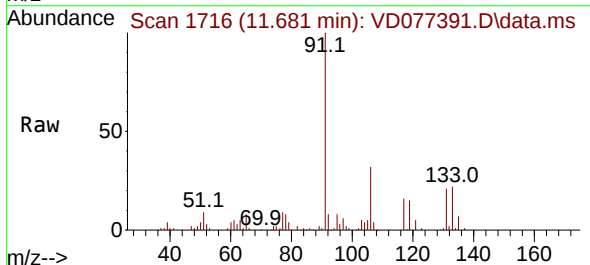
Manual Integrations
APPROVED

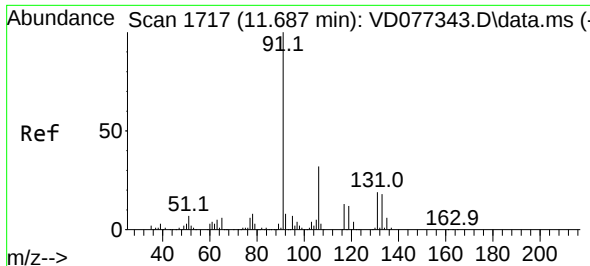
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.789 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:131 Resp: 49191
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 68.6 35.6 106.9





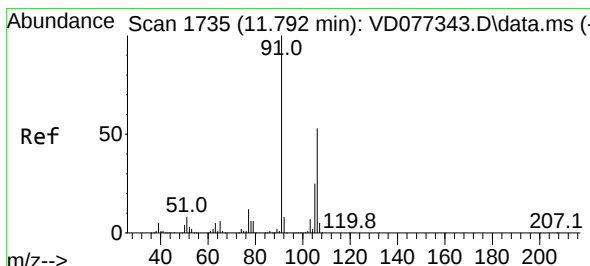
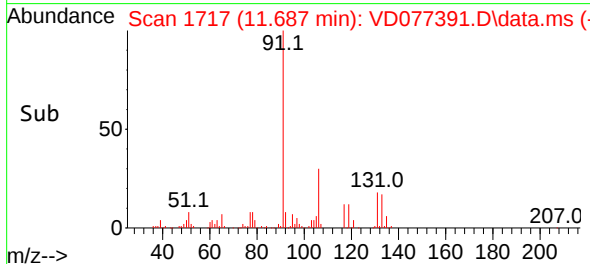
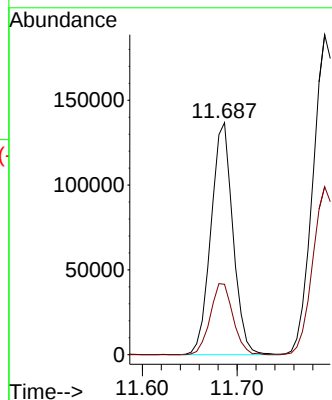
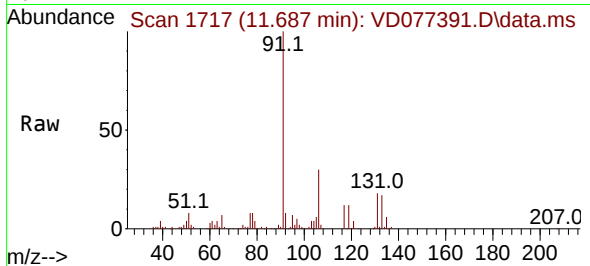
#67
Ethyl Benzene
Concen: 21.379 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 91 Resp: 220604
Ion Ratio Lower Upper
91 100
106 30.4 26.5 39.7

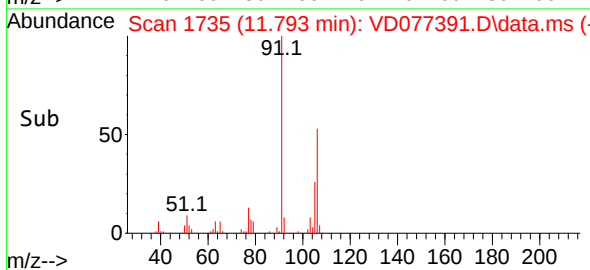
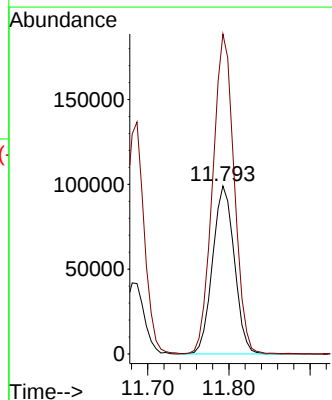
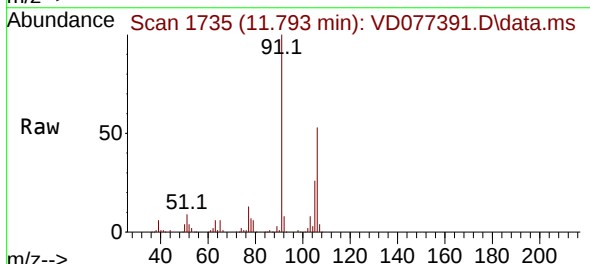
Manual Integrations
APPROVED

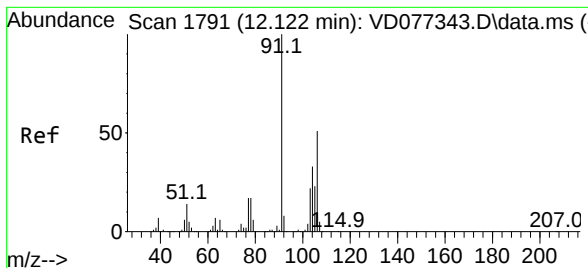
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#68
m/p-Xylenes
Concen: 43.487 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:106 Resp: 184269
Ion Ratio Lower Upper
106 100
91 188.2 147.0 220.6





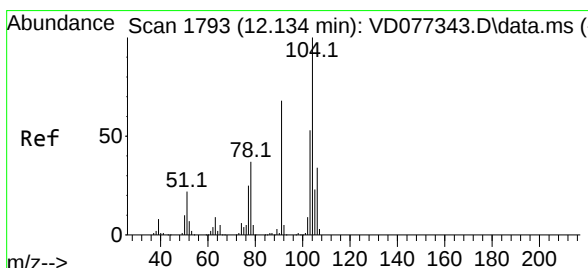
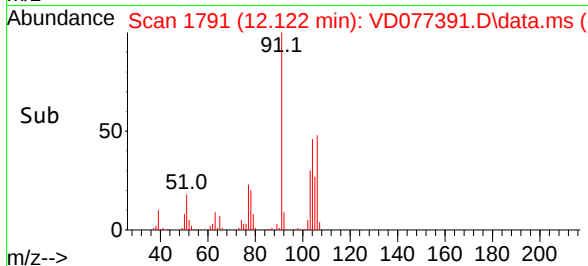
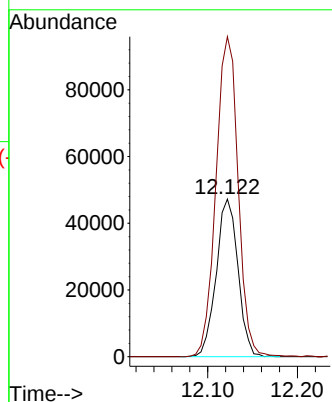
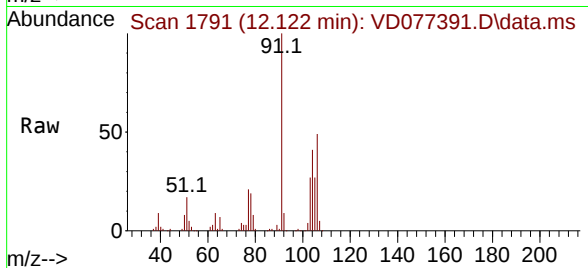
#69
o-Xylene
Concen: 20.373 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion:106 Resp: 7947
Ion Ratio Lower Upper
106 100
91 207.1 97.9 293.6

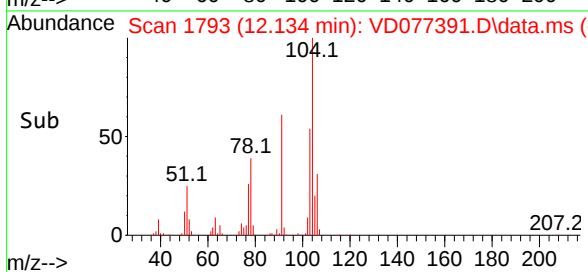
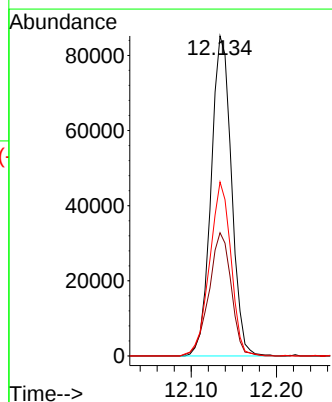
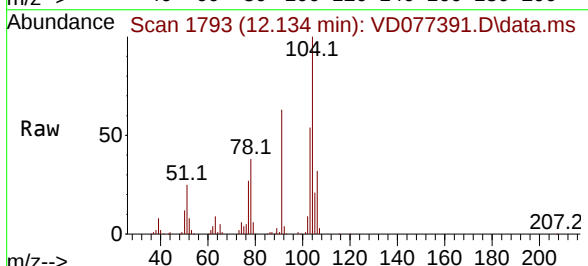
Manual Integrations
APPROVED

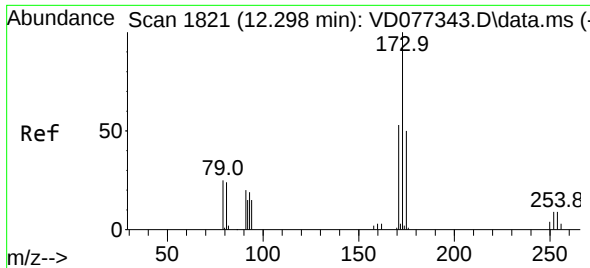
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#70
Styrene
Concen: 21.342 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

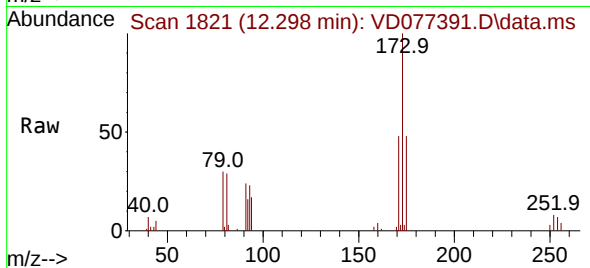
Tgt Ion:104 Resp: 142031
Ion Ratio Lower Upper
104 100
78 42.0 33.2 49.8
103 56.9 43.6 65.4





#71
Bromoform
Concen: 20.650 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

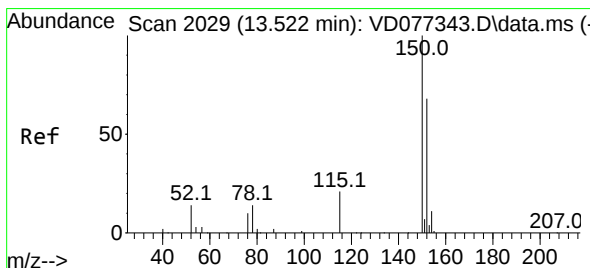
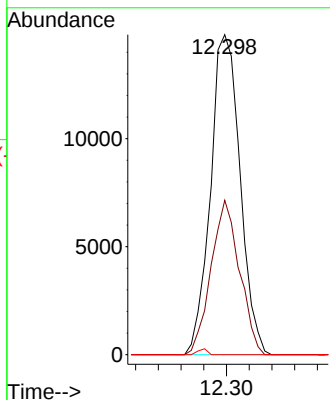
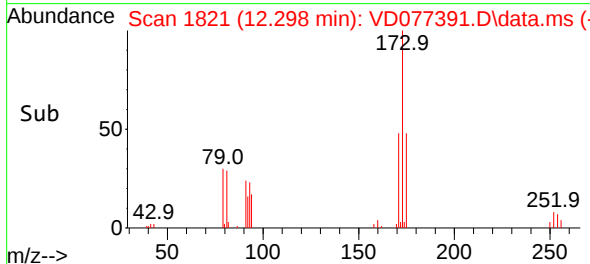
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



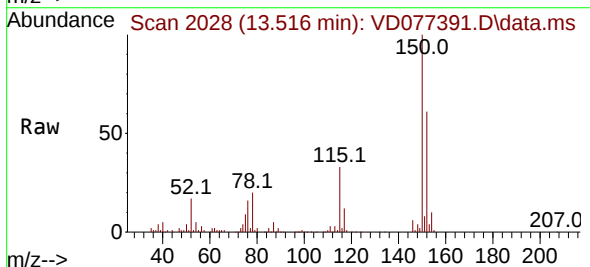
Tgt Ion:173 Resp: 26785
Ion Ratio Lower Upper
173 100
175 46.5 24.6 73.8
254 0.6 0.0 0.0

Manual Integrations
APPROVED

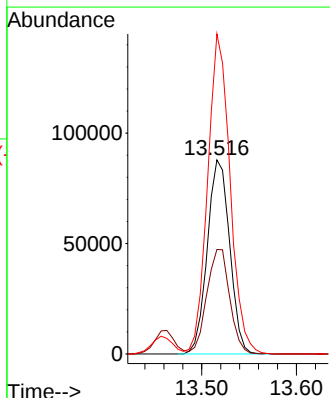
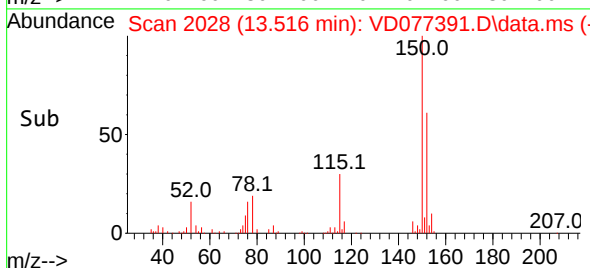
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

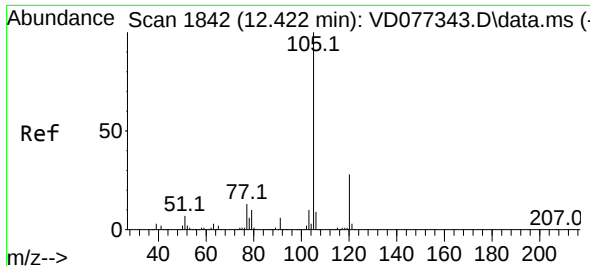


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23



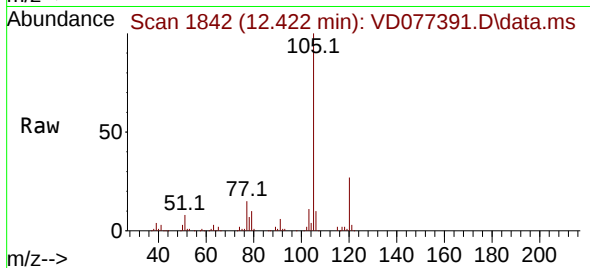
Tgt Ion:152 Resp: 144321
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 165.2 0.0 353.6





#73
Isopropylbenzene
Concen: 22.072 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

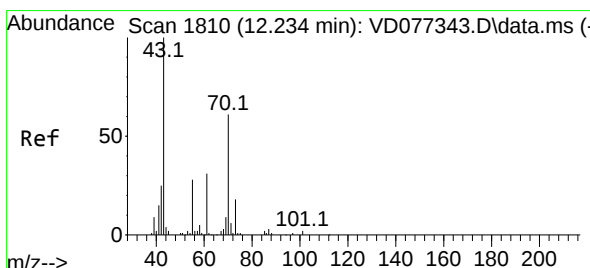
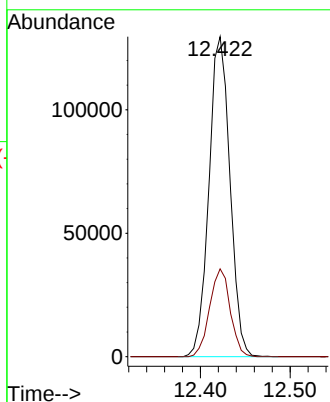
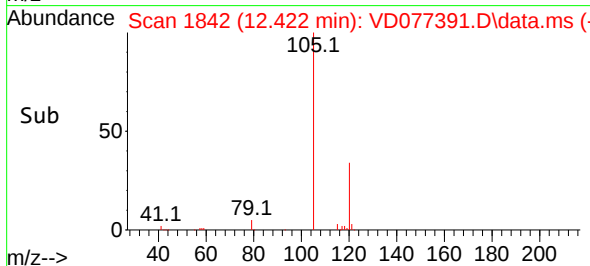
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



Tgt Ion:105 Resp: 21070
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9

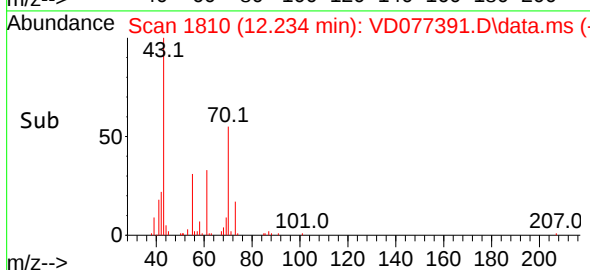
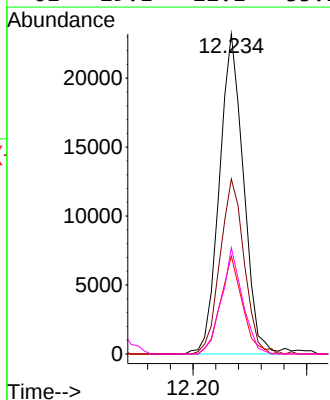
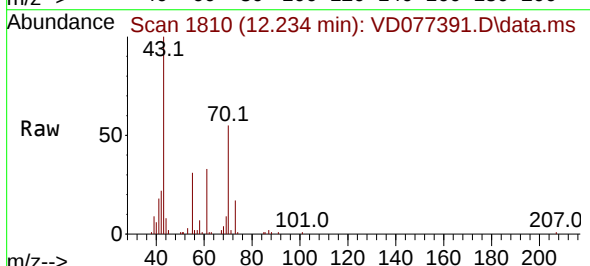
Manual Integrations
APPROVED

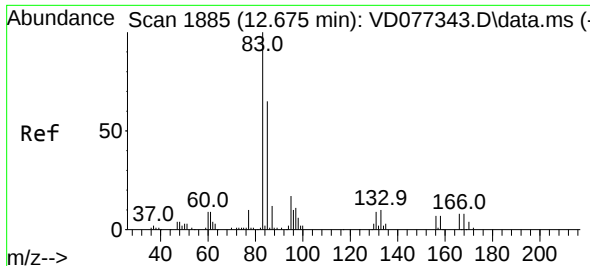
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#74
N-ethyl acetate
Concen: 24.865 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 43 Resp: 34147
Ion Ratio Lower Upper
43 100
70 54.8 45.0 67.4
55 27.9 23.8 35.6
61 29.1 22.1 33.1





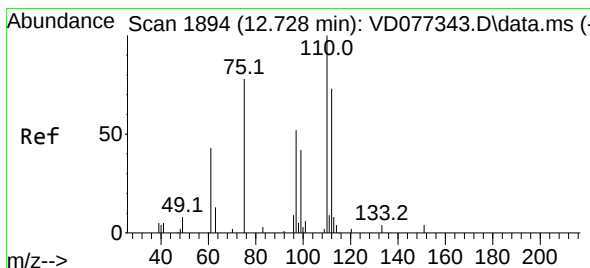
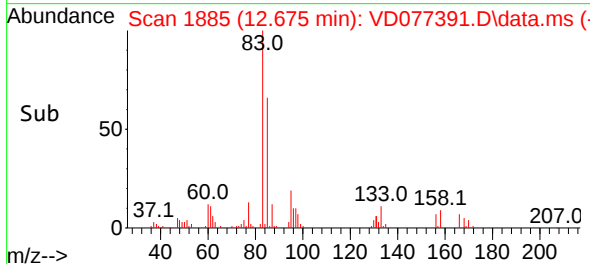
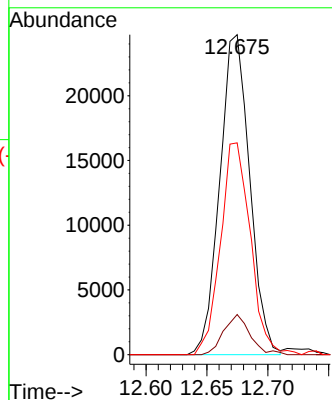
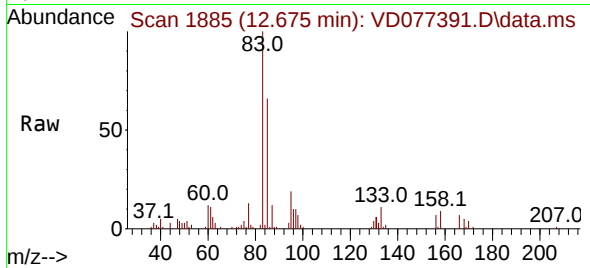
#75
1,1,2,2-Tetrachloroethane
Concen: 24.382 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 83 Resp: 4229
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 66.2 32.6 97.8

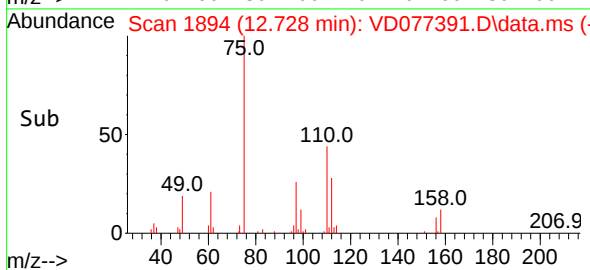
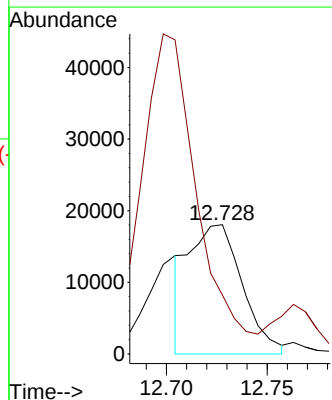
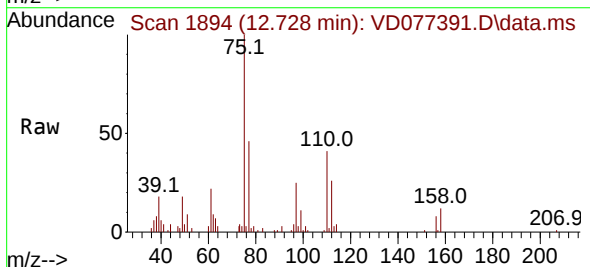
Manual Integrations
APPROVED

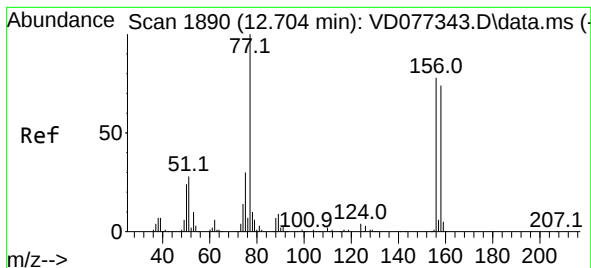
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#76
1,2,3-Trichloropropane
Concen: 18.713 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 75 Resp: 33111
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.764 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

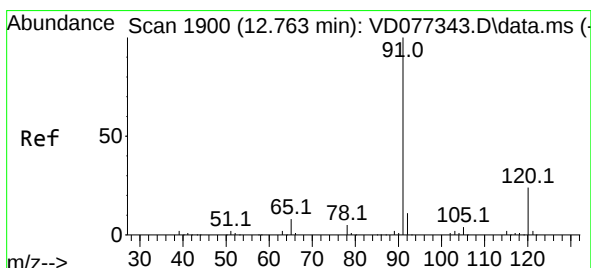
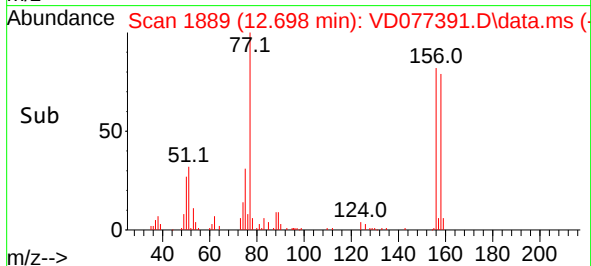
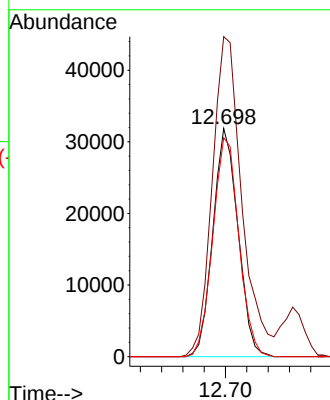
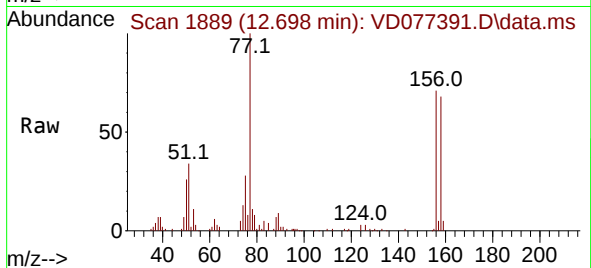
Tgt Ion:	156	Resp:	52039
Ion Ratio	Lower	Upper	
156	100		
77	165.4	76.8	230.4
158	99.7	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#78

n-propylbenzene

Concen: 23.578 ug/l

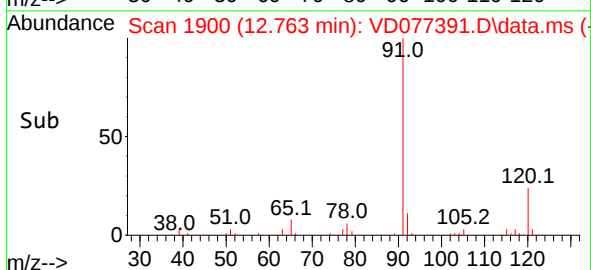
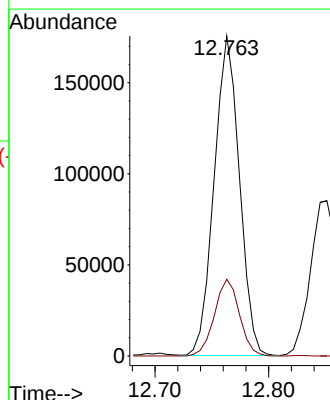
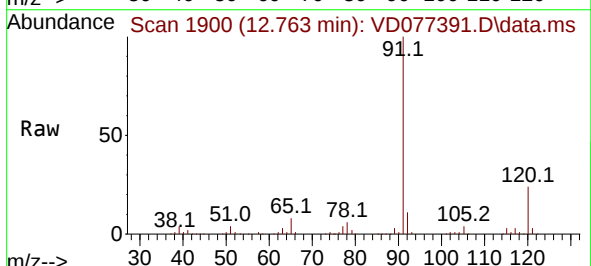
RT: 12.763 min Scan# 1900

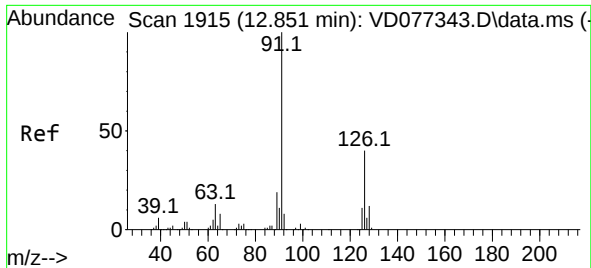
Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Tgt Ion:	91	Resp:	271060
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.4	37.2





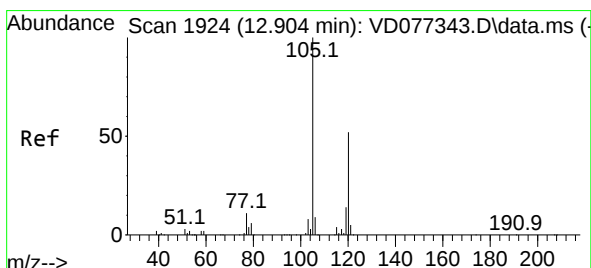
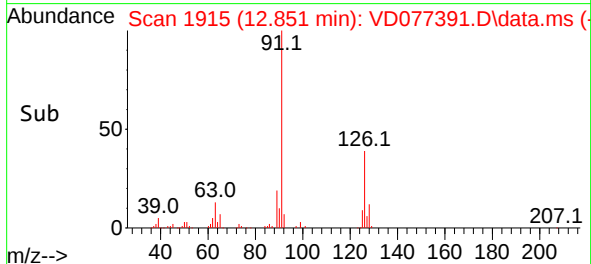
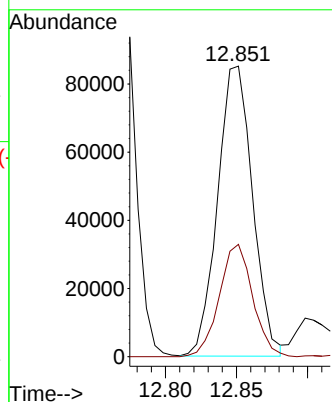
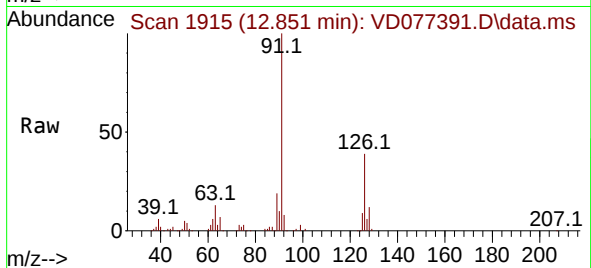
#79
2-Chlorotoluene
Concen: 23.292 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 91 Resp: 14585
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.1

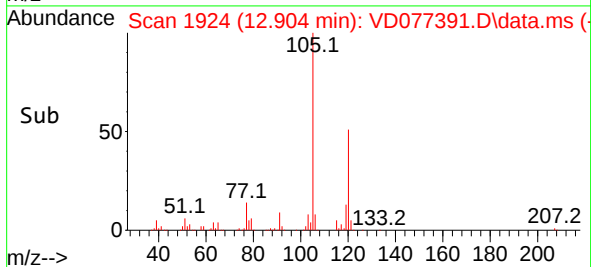
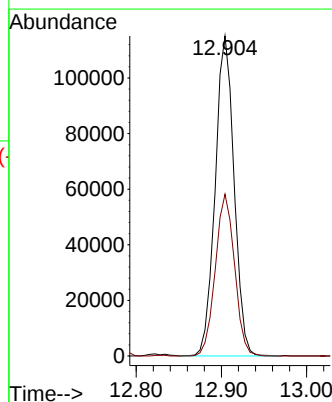
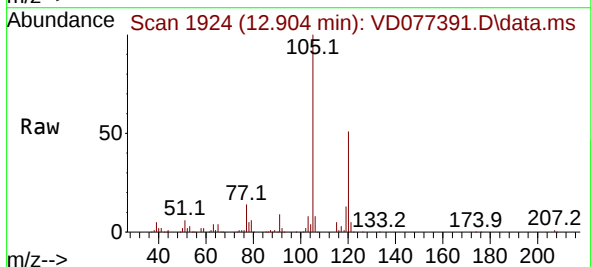
Manual Integrations
APPROVED

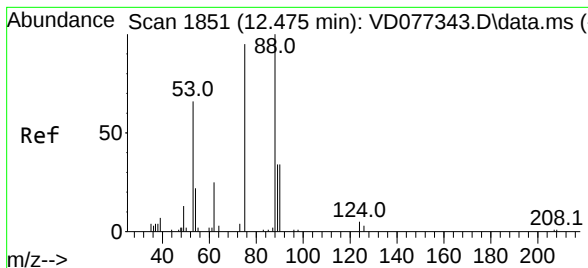
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.560 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:105 Resp: 177714
Ion Ratio Lower Upper
105 100
120 51.4 26.4 79.2





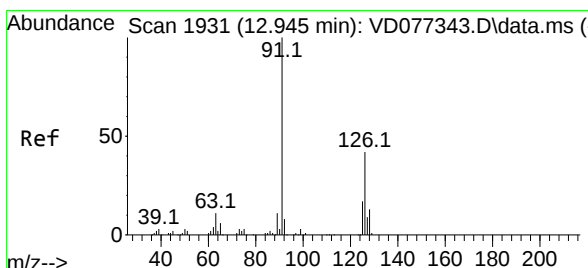
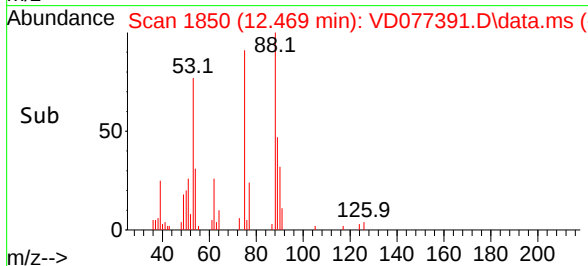
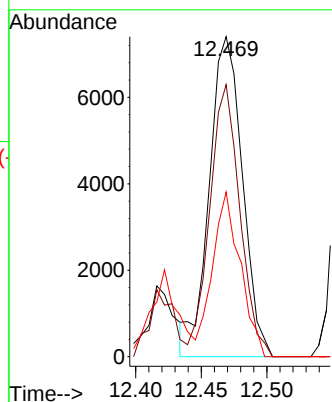
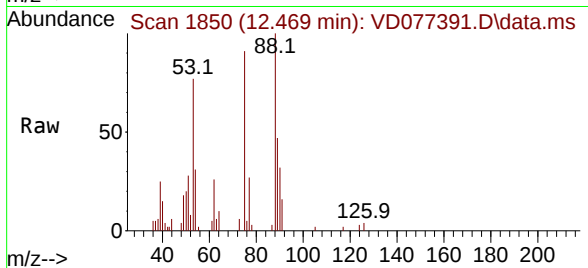
#81
trans-1,4-Dichloro-2-butene
Concen: 24.135 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 75 Resp: 1299
Ion Ratio Lower Upper
75 100
53 77.1 63.0 94.4
89 43.0 37.9 56.9

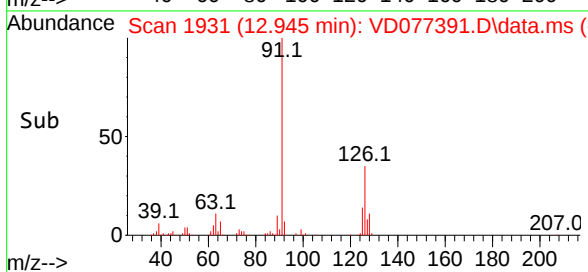
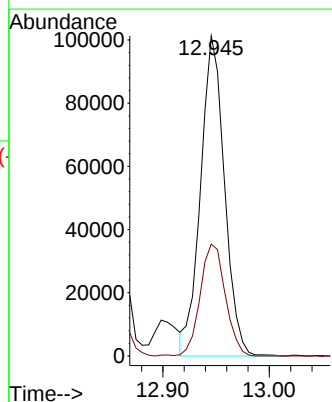
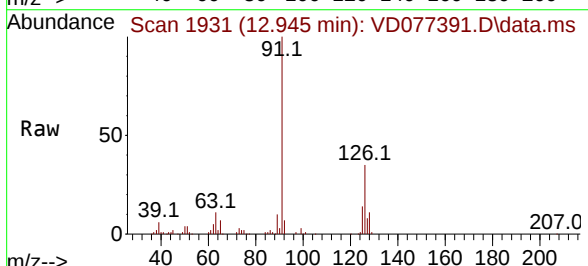
Manual Integrations
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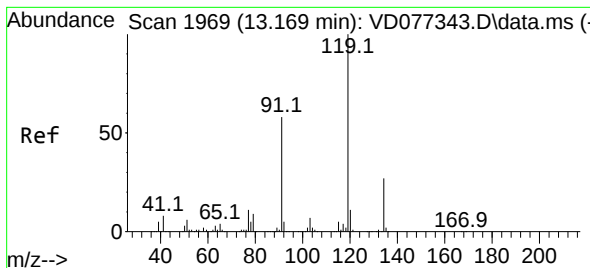
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#82
4-Chlorotoluene
Concen: 24.271 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 91 Resp: 158231
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.4





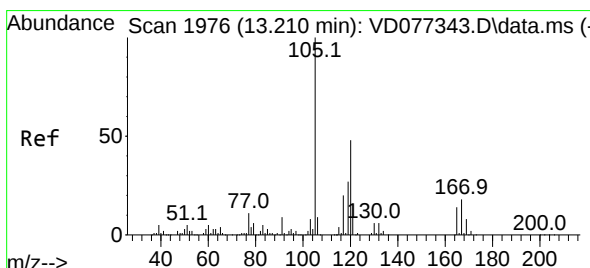
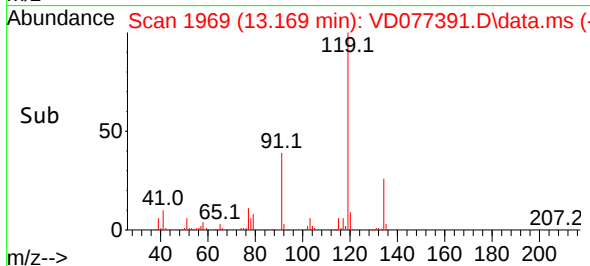
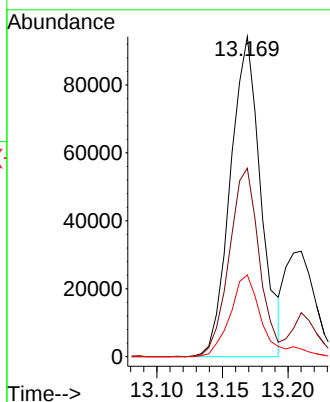
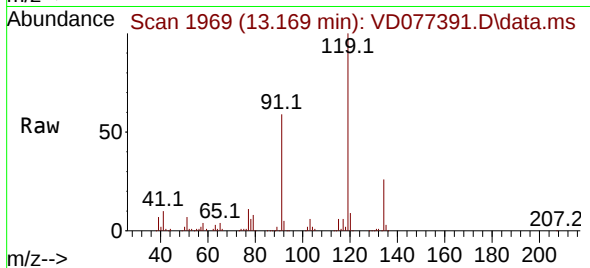
#83
tert-Butylbenzene
Concen: 21.800 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion:119 Resp: 152250
Ion Ratio Lower Upper
119 100
91 58.0 29.3 87.8
134 27.2 14.1 42.3

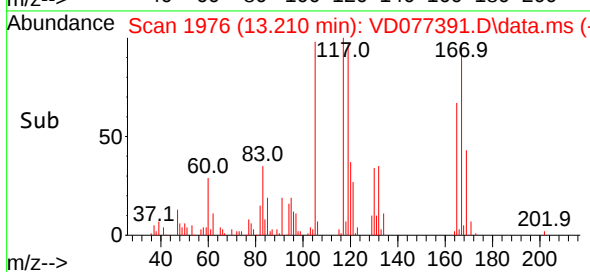
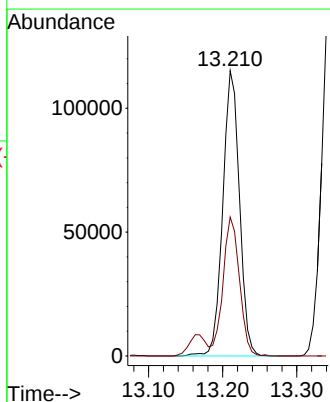
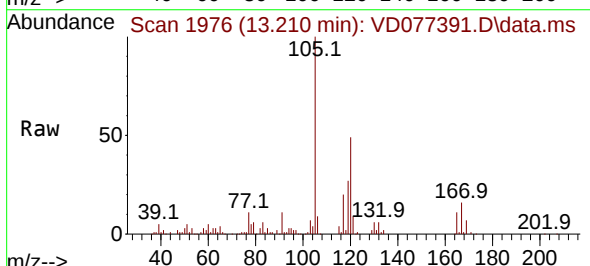
Manual Integrations
APPROVED

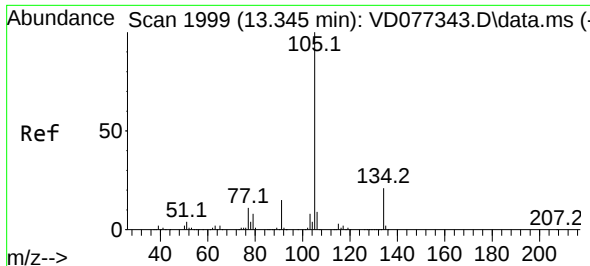
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.698 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

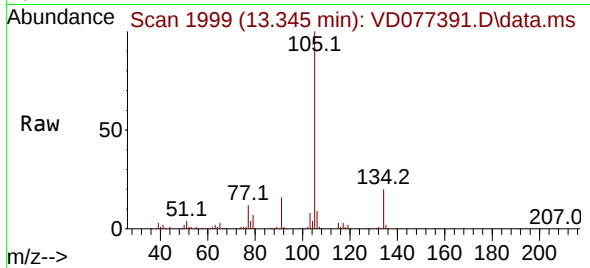
Tgt Ion:105 Resp: 180024
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 22.457 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

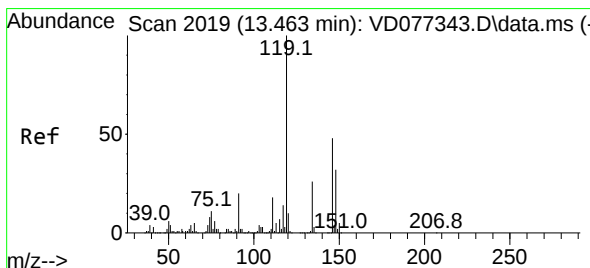
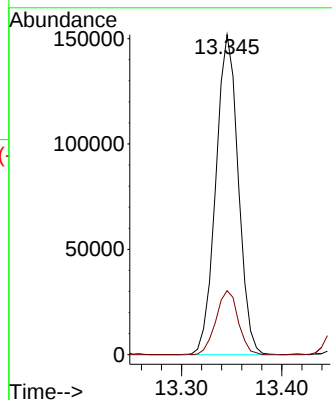
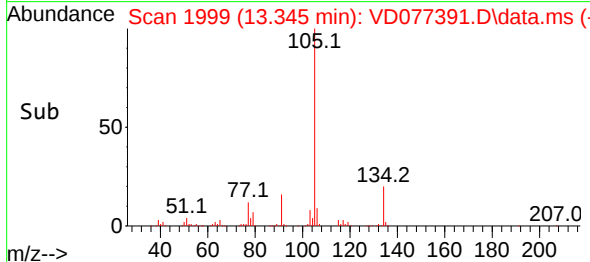
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBSD01



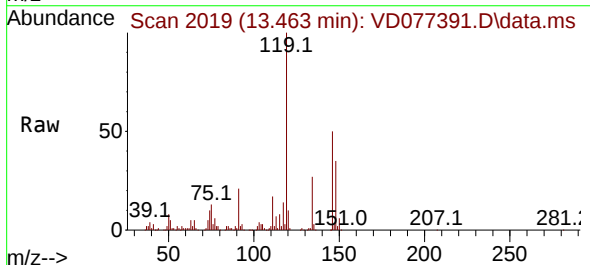
Tgt Ion:105 Resp: 236012
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9

Manual Integrations
 APPROVED

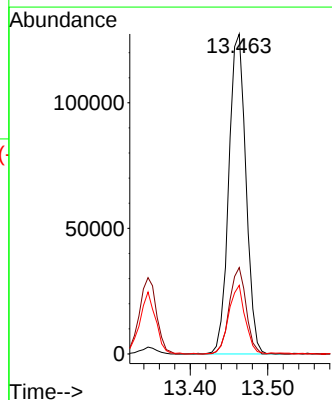
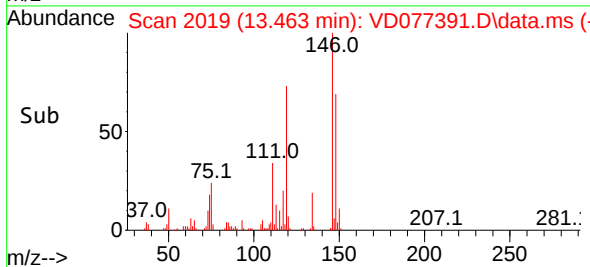
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

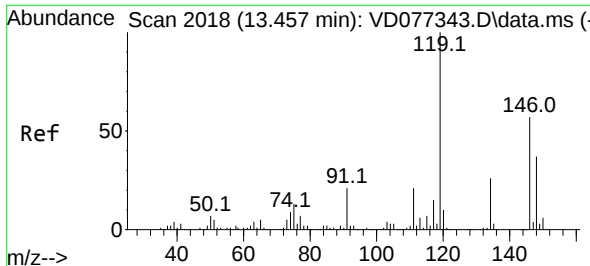


#86
 p-Isopropyltoluene
 Concen: 21.418 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23



Tgt Ion:119 Resp: 195553
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 20.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.480 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBS01

Tgt Ion:146 Resp: 113290

Ion Ratio Lower Upper

146 100

111 35.2 17.9 53.8

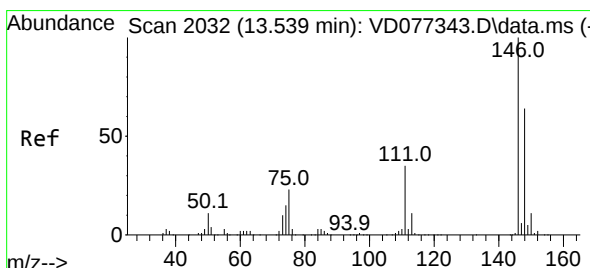
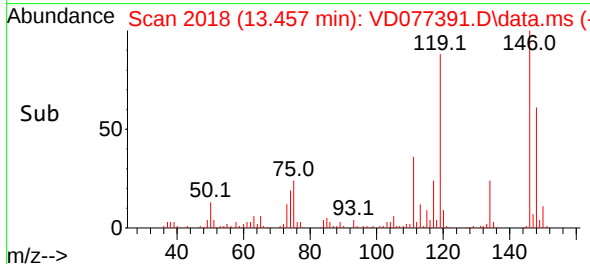
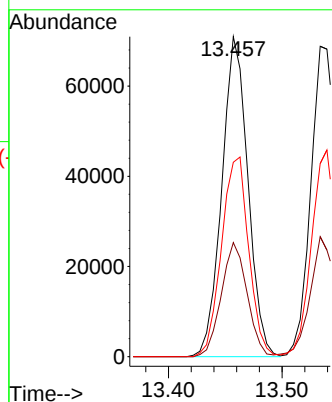
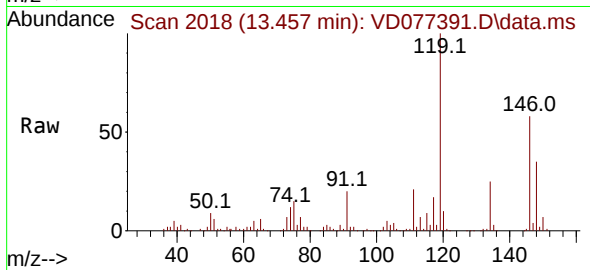
148 65.1 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#88

1,4-Dichlorobenzene

Concen: 21.809 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

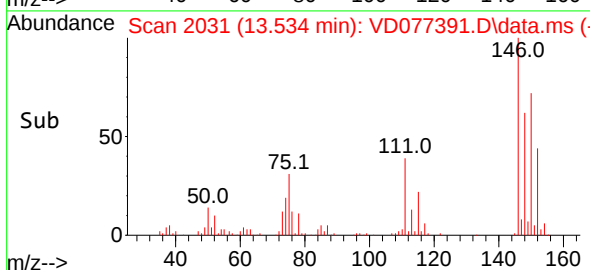
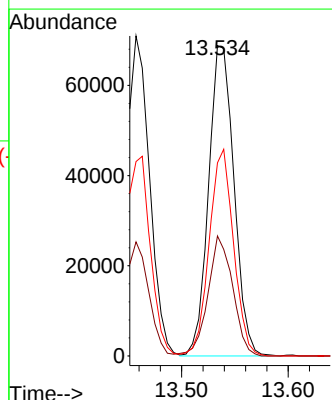
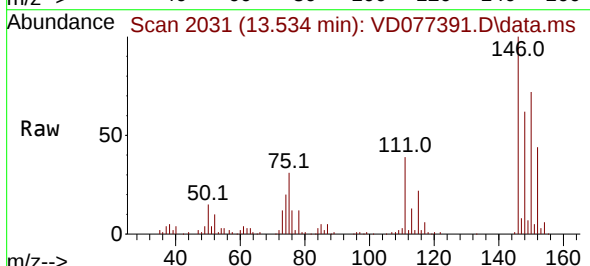
Tgt Ion:146 Resp: 113982

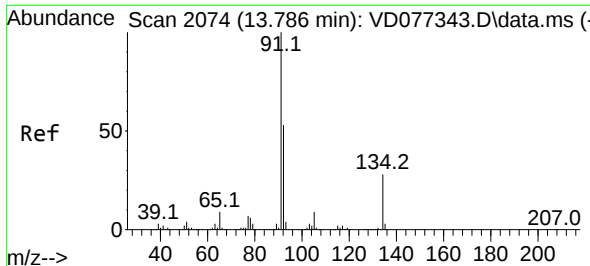
Ion Ratio Lower Upper

146 100

111 37.6 17.4 52.3

148 63.8 31.7 95.1





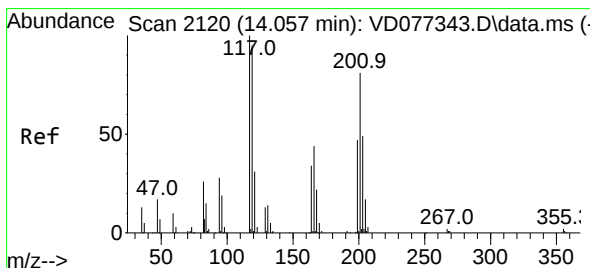
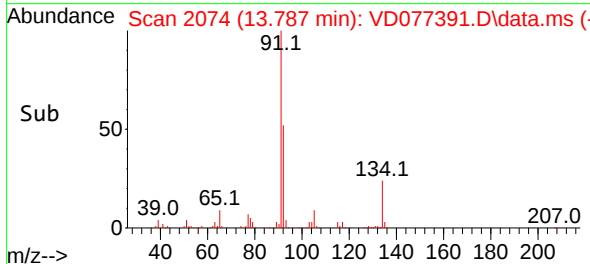
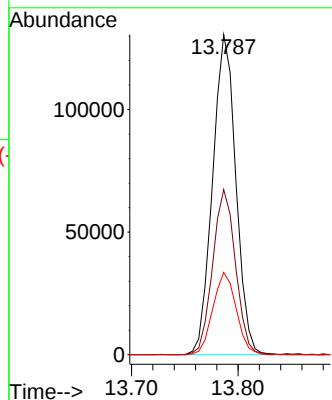
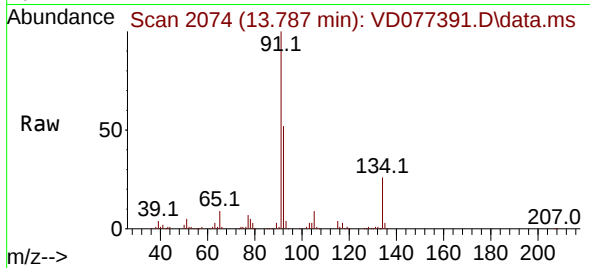
#89
n-Butylbenzene
Concen: 24.889 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion: 91 Resp: 197872
Ion Ratio Lower Upper
91 100
92 50.7 26.5 79.5
134 25.8 13.8 41.3

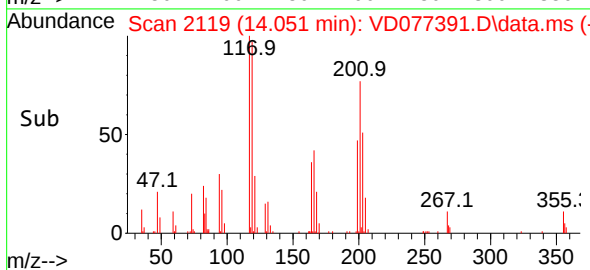
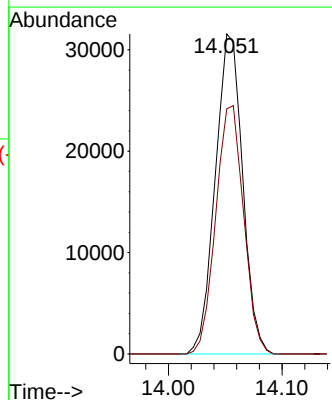
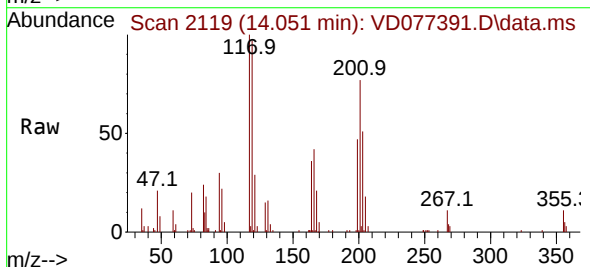
Manual Integrations
APPROVED

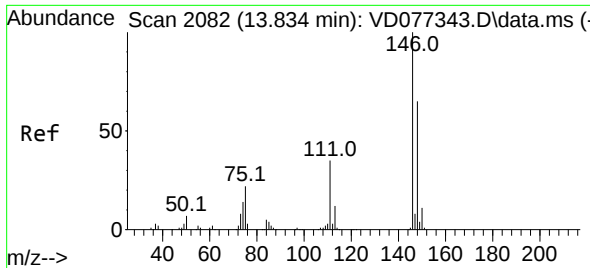
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#90
Hexachloroethane
Concen: 28.625 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:117 Resp: 52830
Ion Ratio Lower Upper
117 100
201 79.1 38.5 115.5





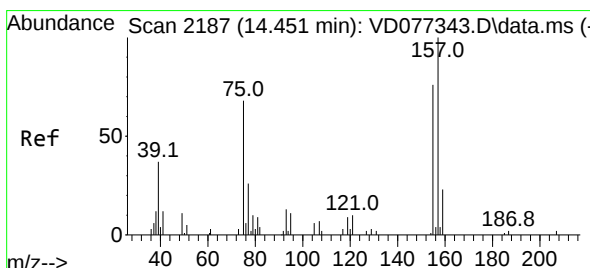
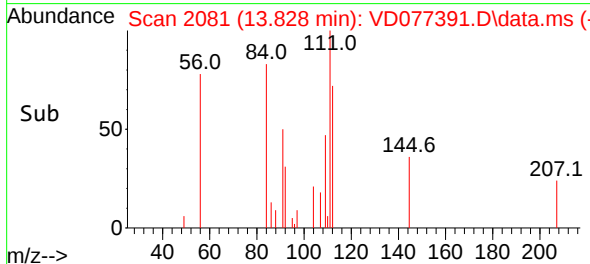
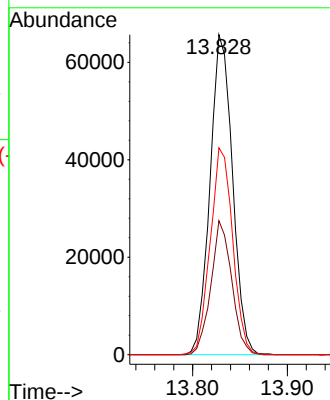
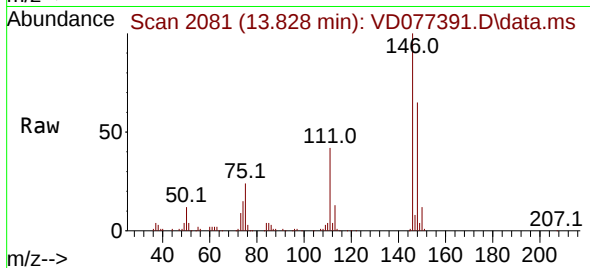
#91
1,2-Dichlorobenzene
Concen: 24.317 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01

Tgt Ion:146 Resp: 108340
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 64.5 31.6 94.7

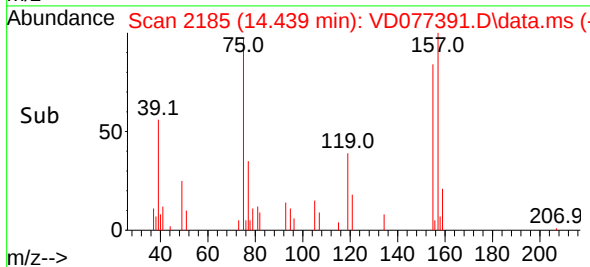
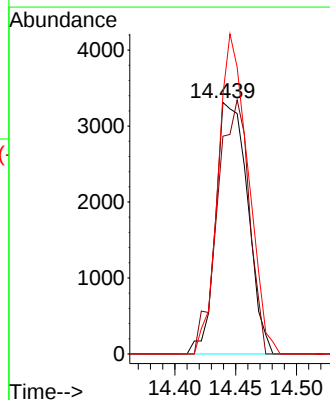
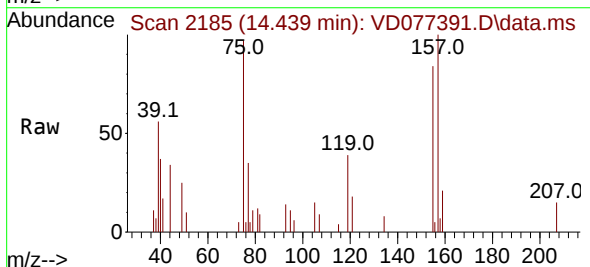
Manual Integrations
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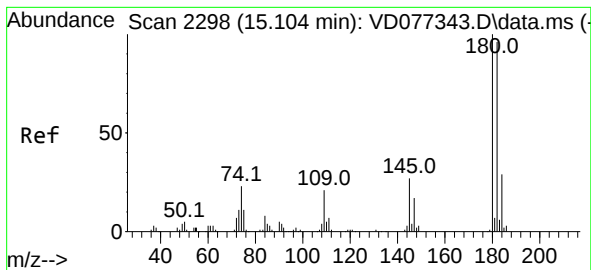
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 28.575 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.012 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 75 Resp: 6067
Ion Ratio Lower Upper
75 100
155 99.1 47.9 143.8
157 119.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.372 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBSD01

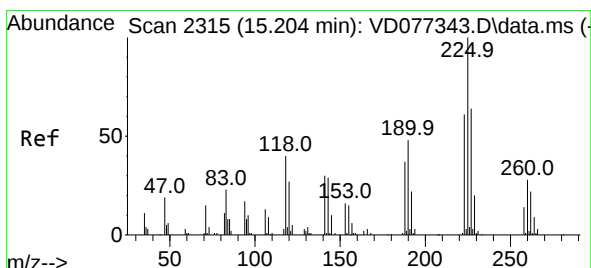
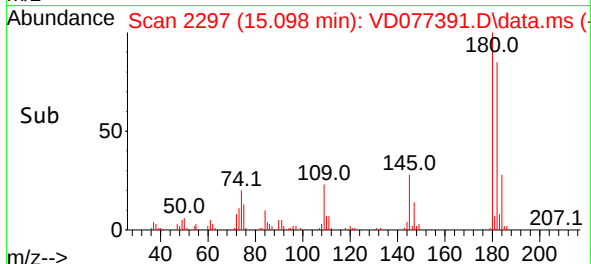
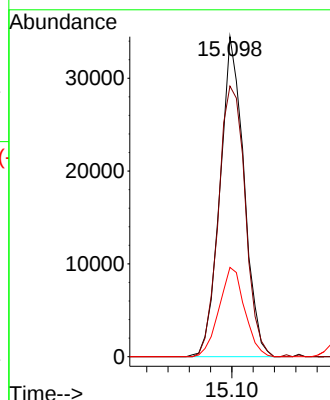
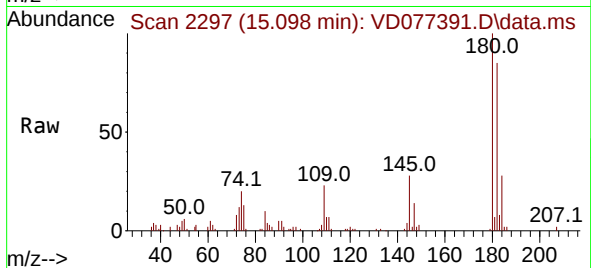
Tgt Ion:180	Resp:	5377
Ion Ratio	Lower	Upper
180	100	
182	94.2	48.5 145.6
145	29.8	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#94

Hexachlorobutadiene

Concen: 20.321 ug/l

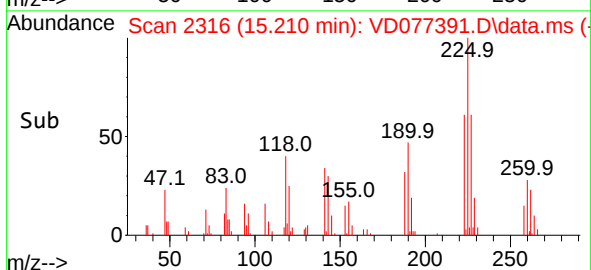
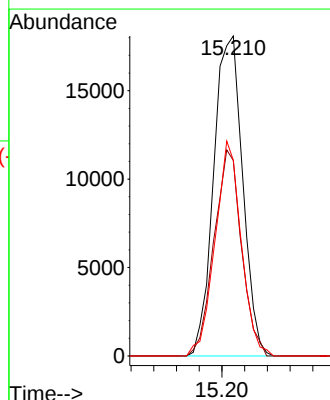
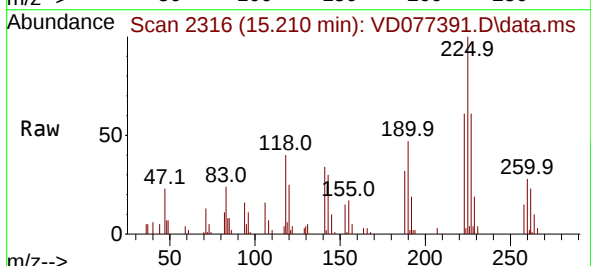
RT: 15.210 min Scan# 2316

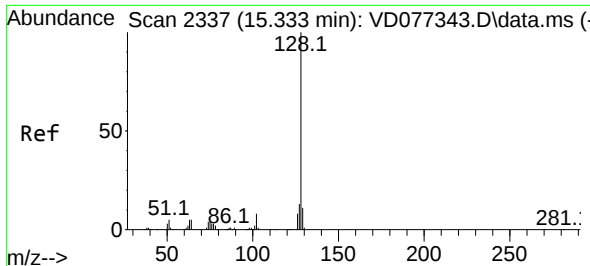
Delta R.T. 0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

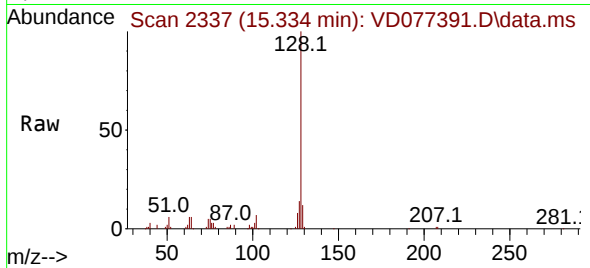
Tgt Ion:225	Resp:	32037
Ion Ratio	Lower	Upper
225	100	
223	61.0	31.6 94.8
227	60.6	31.7 95.1





#95
Naphthalene
Concen: 19.459 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

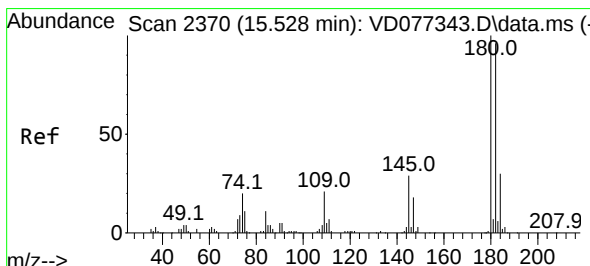
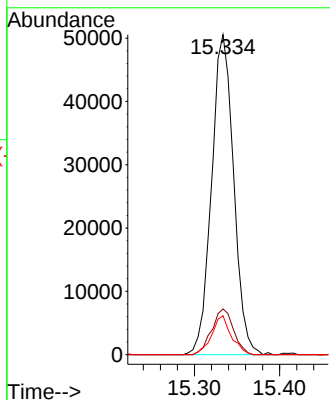
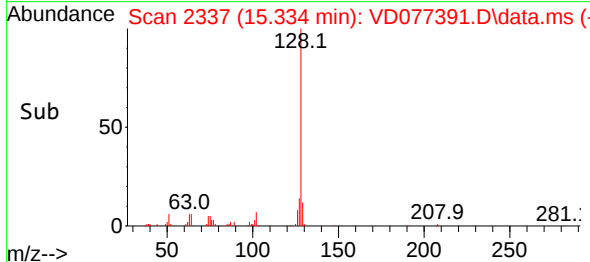
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBSD01



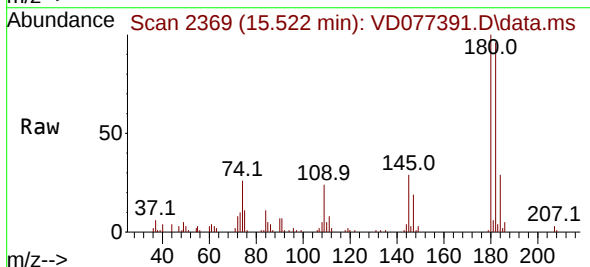
Tgt Ion:128 Resp: 9120
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 12.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.046 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23



Tgt Ion:180 Resp: 48299
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 31.3 15.1 45.3

