

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076870.D
 Acq On : 31 Jul 2023 13:11
 Operator : KP/SY
 Sample : VD0731SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS01

Quant Time: Aug 01 02:09:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	171341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	310268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	138545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81734	47.893	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.780%		
35) Dibromofluoromethane	7.804	113	97708	50.113	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.220%		
50) Toluene-d8	10.269	98	324817	46.569	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.140%		
62) 4-Bromofluorobenzene	12.575	95	108532	48.099	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	27469	20.501	ug/l	98
3) Chloromethane	2.146	50	40724	17.619	ug/l	100
4) Vinyl Chloride	2.281	62	57395	18.628	ug/l	99
5) Bromomethane	2.675	94	47862	18.880	ug/l	97
6) Chloroethane	2.828	64	42460	18.253	ug/l	96
7) Trichlorofluoromethane	3.163	101	58313	21.270	ug/l	99
8) Diethyl Ether	3.587	74	19343	20.493	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.957	101	38356	21.284	ug/l	97
10) Methyl Iodide	4.157	142	37677	18.547	ug/l	92
11) Tert butyl alcohol	5.051	59	16107	126.479	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	32978	19.478	ug/l	92
13) Acrolein	3.804	56	10033	115.609	ug/l	96
14) Allyl chloride	4.557	41	42944	19.308	ug/l	90
15) Acrylonitrile	5.257	53	46397	100.080	ug/l	99
16) Acetone	4.022	43	41846	102.671	ug/l #	84
17) Carbon Disulfide	4.269	76	65310	16.515	ug/l	100
18) Methyl Acetate	4.563	43	32275	21.077	ug/l	93
19) Methyl tert-butyl Ether	5.310	73	90253	19.878	ug/l	97
20) Methylene Chloride	4.793	84	70674	23.704	ug/l	91
21) trans-1,2-Dichloroethene	5.304	96	37159	18.881	ug/l	97
22) Diisopropyl ether	6.216	45	107180	20.350	ug/l	95
23) Vinyl Acetate	6.151	43	254957	97.837	ug/l #	92
24) 1,1-Dichloroethane	6.104	63	74717	21.041	ug/l	94
25) 2-Butanone	7.081	43	62274	114.164	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	68189	22.276	ug/l	92
27) cis-1,2-Dichloroethene	7.069	96	50017	20.616	ug/l	94
28) Bromochloromethane	7.428	49	22207	25.013	ug/l	83
29) Tetrahydrofuran	7.445	42	32904	102.095	ug/l	93
30) Chloroform	7.598	83	81668	20.998	ug/l	92
31) Cyclohexane	7.875	56	47195	18.791	ug/l	97
32) 1,1,1-Trichloroethane	7.792	97	68211	21.737	ug/l	98
36) 1,1-Dichloropropene	8.004	75	53188	20.876	ug/l	96
37) Ethyl Acetate	7.163	43	24294	21.322	ug/l #	67
38) Carbon Tetrachloride	7.987	117	51581	21.144	ug/l	97
39) Methylcyclohexane	9.275	83	55118	18.736	ug/l	99
40) Benzene	8.245	78	161050	20.034	ug/l	99

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Manual Integrations
 APPROVED

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Quant Time: Aug 01 02:09:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	14945	21.479	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	45305	21.690	ug/l	94
43) Isopropyl Acetate	8.363	43	46534	20.927	ug/l	93
44) Trichloroethene	9.028	130	43264	19.750	ug/l	90
45) 1,2-Dichloropropane	9.304	63	43331	20.881	ug/l	97
46) Dibromomethane	9.398	93	26338	21.684	ug/l	91
47) Bromodichloromethane	9.581	83	63331	20.777	ug/l	99
48) Methyl methacrylate	9.381	41	20485	20.241	ug/l	86
49) 1,4-Dioxane	9.386	88	6573	422.368	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	125650	106.129	ug/l	92
52) Toluene	10.334	92	103240	19.554	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	58103	20.537	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	66080	19.818	ug/l #	89
55) 1,1,2-Trichloroethane	10.728	97	39075	22.030	ug/l	93
56) Ethyl methacrylate	10.598	69	42015	20.523	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	60773	21.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	88849	112.122	ug/l	95
59) 2-Hexanone	10.922	43	90765	107.441	ug/l	90
60) Dibromochloromethane	11.075	129	44458	21.576	ug/l	97
61) 1,2-Dibromoethane	11.175	107	35176	21.391	ug/l	97
64) Tetrachloroethene	10.810	164	33998	20.964	ug/l	95
65) Chlorobenzene	11.604	112	119402	20.875	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	46170	21.681	ug/l	98
67) Ethyl Benzene	11.680	91	203593	20.268	ug/l	98
68) m/p-Xylenes	11.792	106	157112	40.724	ug/l	93
69) o-Xylene	12.122	106	72972	19.560	ug/l	89
70) Styrene	12.133	104	129695	19.859	ug/l	96
71) Bromoform	12.298	173	25266	21.663	ug/l #	96
73) Isopropylbenzene	12.422	105	197759	19.674	ug/l	95
74) N-amyl acetate	12.233	43	42350	19.999	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	46373	21.487	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	30513m	23.159	ug/l	
77) Bromobenzene	12.698	156	47627	20.527	ug/l	88
78) n-propylbenzene	12.763	91	246650	20.241	ug/l	94
79) 2-Chlorotoluene	12.851	91	131093	19.620	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	160161	19.705	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	12659	20.448	ug/l	97
82) 4-Chlorotoluene	12.945	91	140695	20.156	ug/l	95
83) tert-Butylbenzene	13.169	119	145554	20.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	162038	19.509	ug/l	97
85) sec-Butylbenzene	13.345	105	222878	20.384	ug/l	96
86) p-Isopropyltoluene	13.463	119	181464	20.096	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	97743	20.482	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	97861	20.930	ug/l	97
89) n-Butylbenzene	13.786	91	177742	20.116	ug/l	98
90) Hexachloroethane	14.051	117	35873	21.489	ug/l	84
91) 1,2-Dichlorobenzene	13.833	146	86493	20.569	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6831	22.199	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	53432	20.813	ug/l	97
94) Hexachlorobutadiene	15.204	225	25537	20.683	ug/l	98
95) Naphthalene	15.333	128	109975	19.784	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	46989	20.396	ug/l	97

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

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

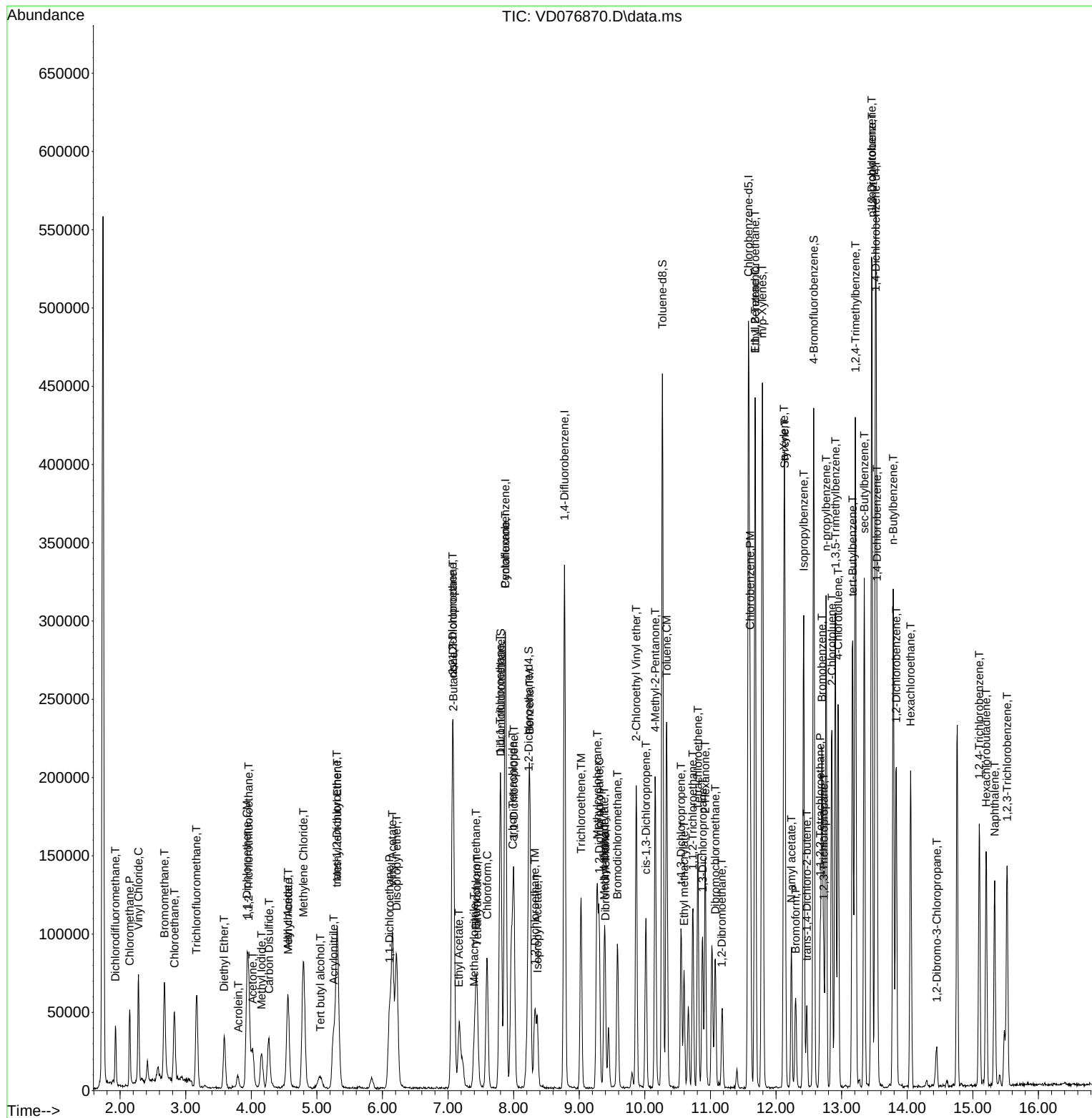
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
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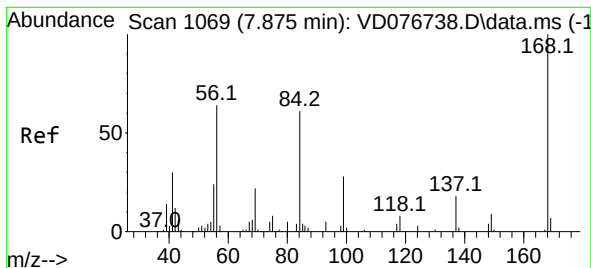
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Manual Integrations
APPROVED

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion:168 Resp: 17134

Ion Ratio Lower Upper

168 100

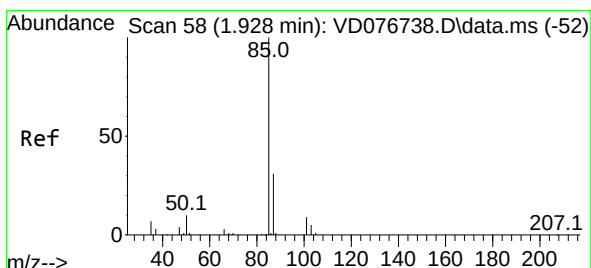
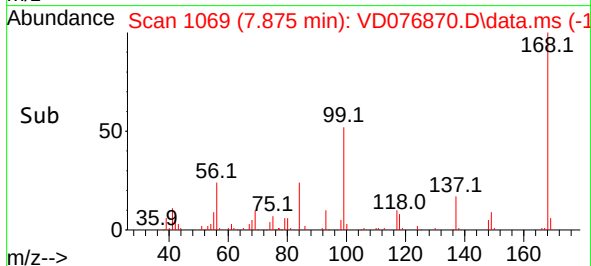
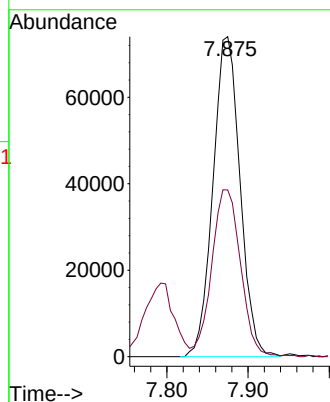
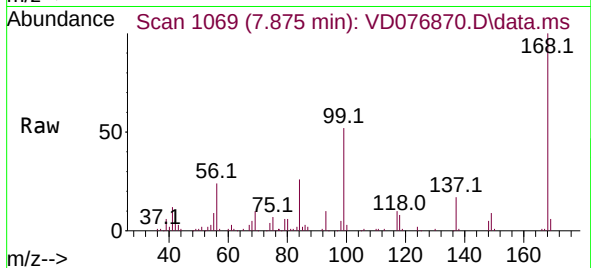
99 51.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#2

Dichlorodifluoromethane

Concen: 20.501 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076870.D

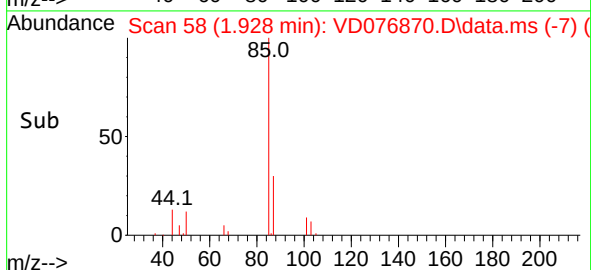
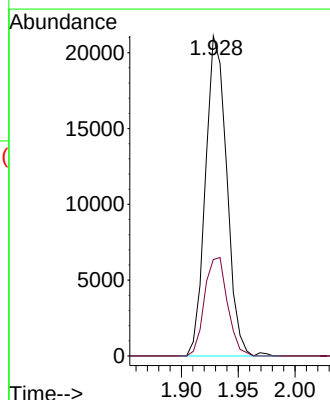
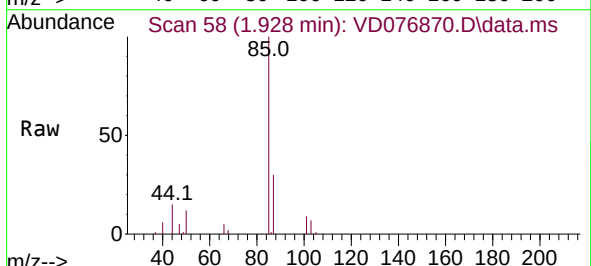
Acq: 31 Jul 2023 13:11

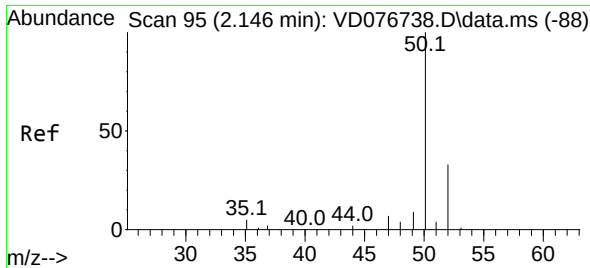
Tgt Ion: 85 Resp: 27469

Ion Ratio Lower Upper

85 100

87 30.2 15.7 47.0





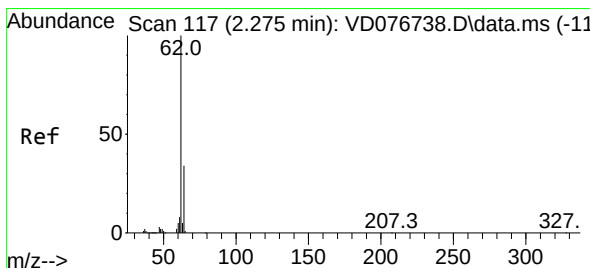
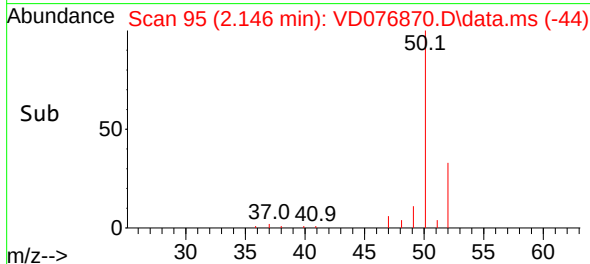
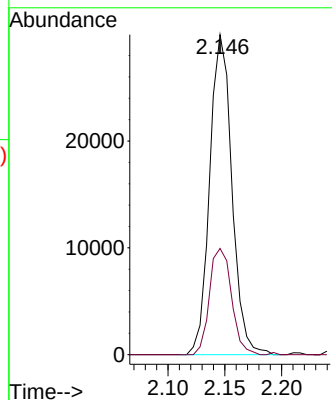
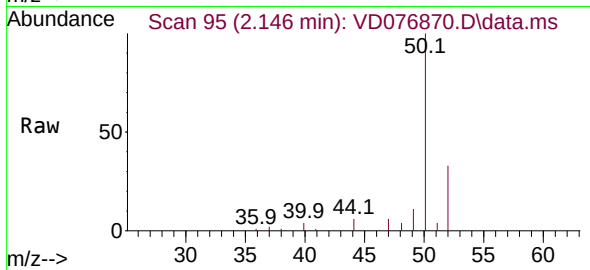
#3
Chloromethane
Concen: 17.619 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion: 50 Resp: 40724
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

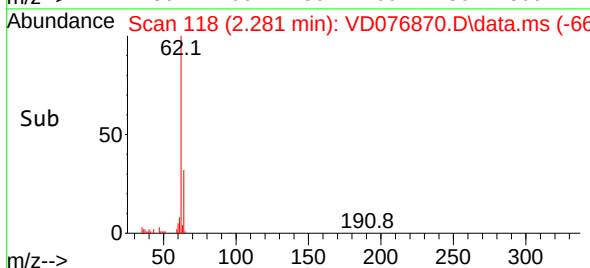
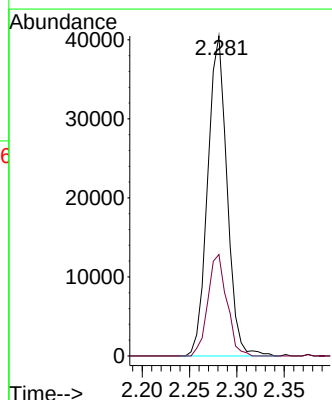
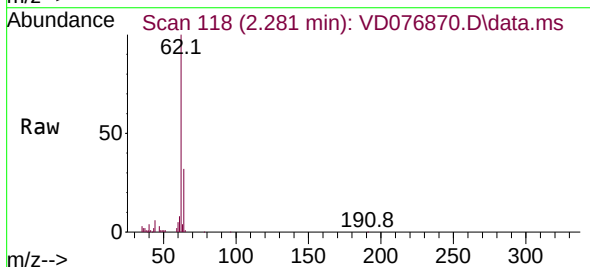
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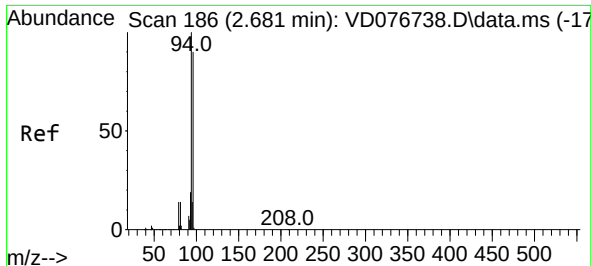
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#4
Vinyl Chloride
Concen: 18.628 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

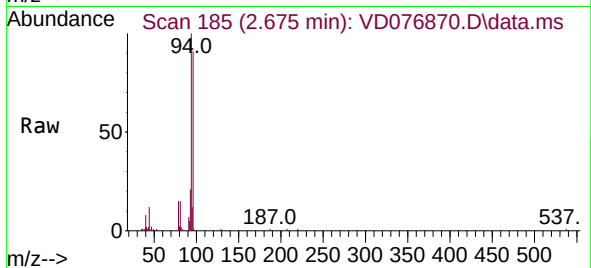
Tgt Ion: 62 Resp: 57395
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5
Bromomethane
Concen: 18.880 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

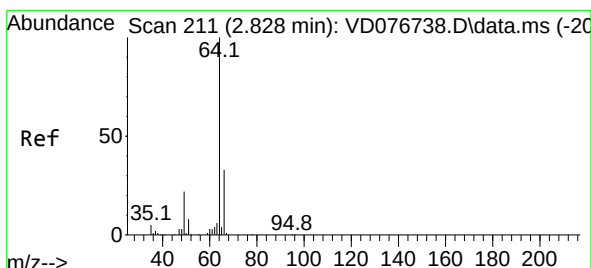
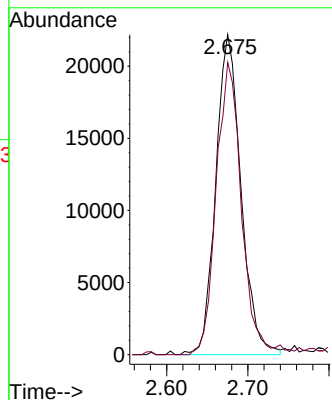
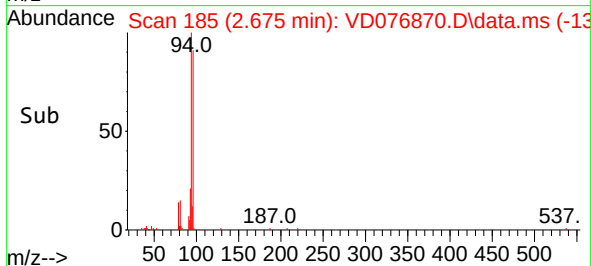
Instrument :
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Tgt Ion: 94 Resp: 47862
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.8

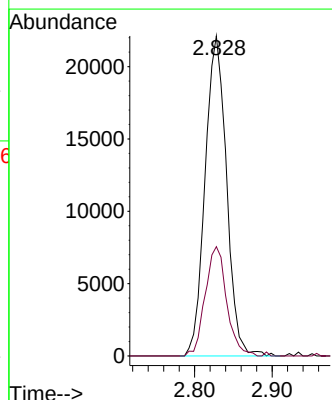
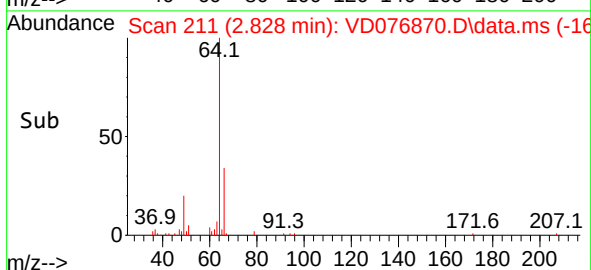
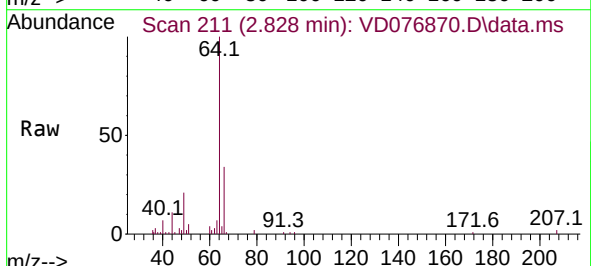
Manual Integrations
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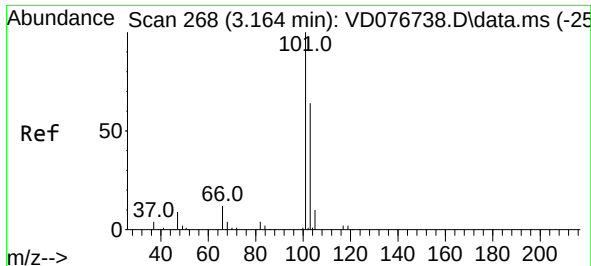
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#6
Chloroethane
Concen: 18.253 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

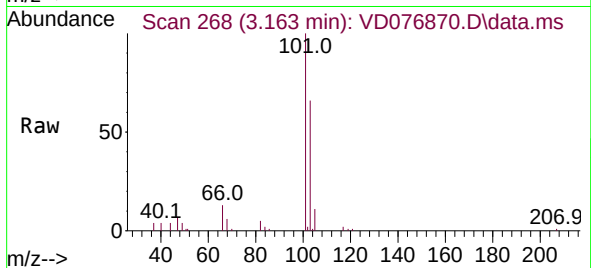
Tgt Ion: 64 Resp: 42460
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 21.270 ug/l
 RT: 3.163 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11

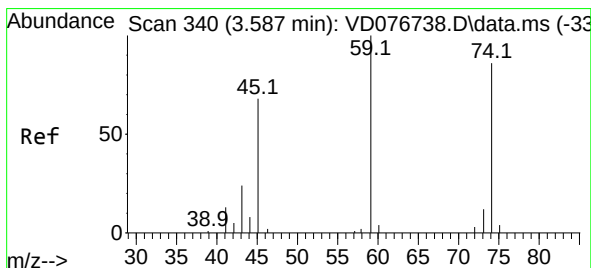
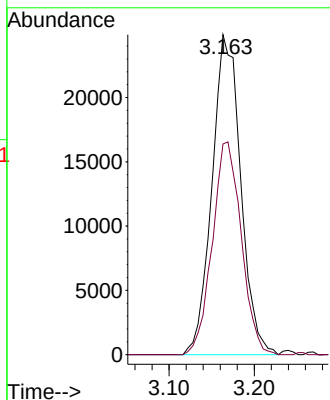
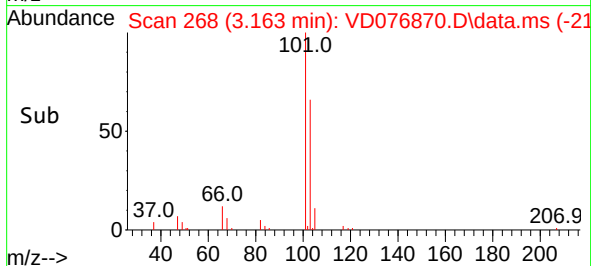
Instrument :
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Tgt Ion:101 Resp: 5831
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5

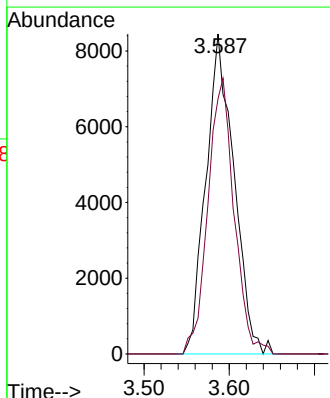
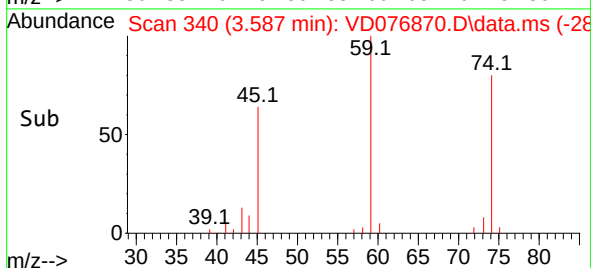
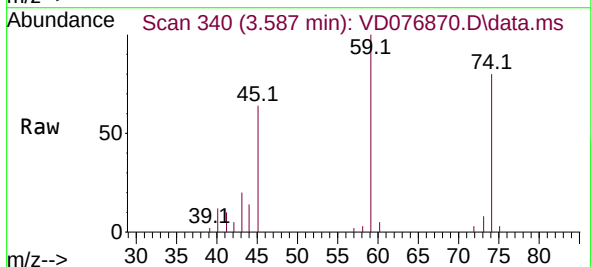
Manual Integrations
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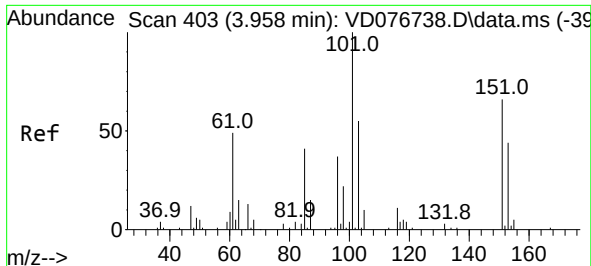
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#8
 Diethyl Ether
 Concen: 20.493 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11

Tgt Ion: 74 Resp: 19343
 Ion Ratio Lower Upper
 74 100
 45 80.4 37.5 112.7





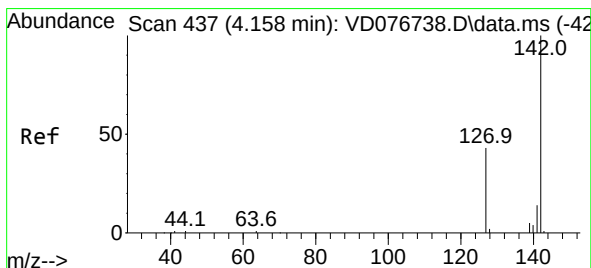
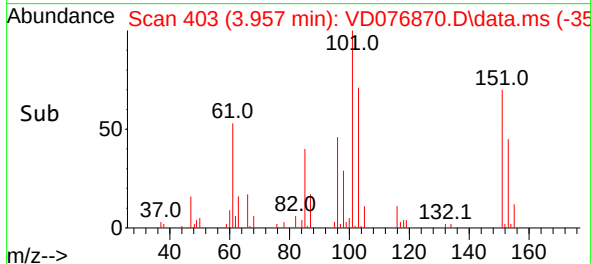
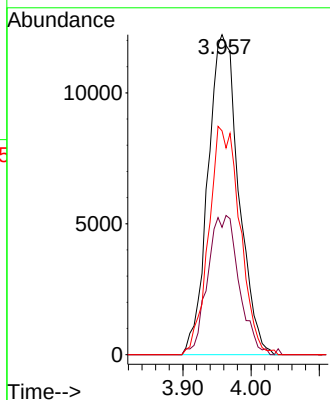
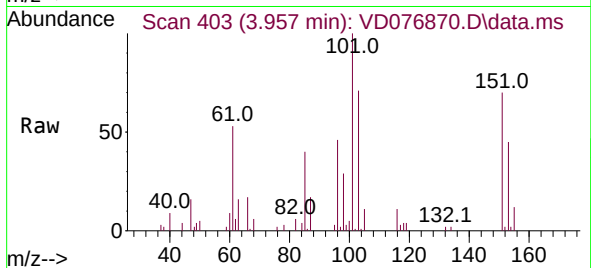
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.284 ug/l
RT: 3.957 min Scan# 403
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion:101 Resp: 38350
Ion Ratio Lower Upper
101 100
85 44.3 33.8 50.6
151 72.4 59.8 89.6

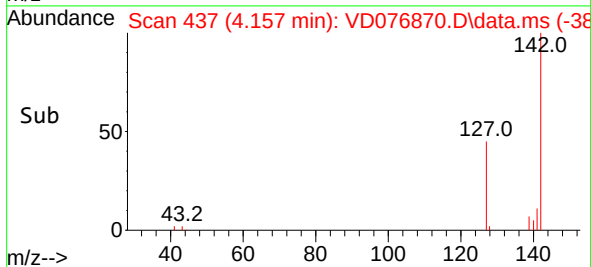
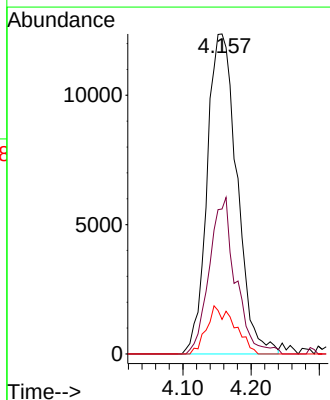
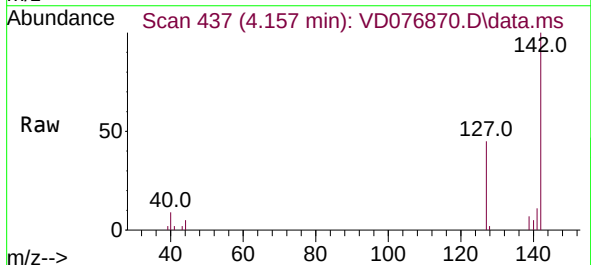
Manual Integrations
APPROVED

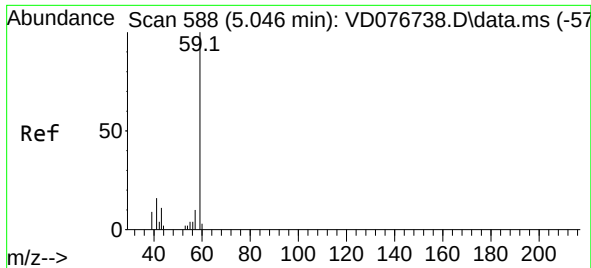
Reviewed By :John Carbone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Methyl Iodide
Concen: 18.547 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

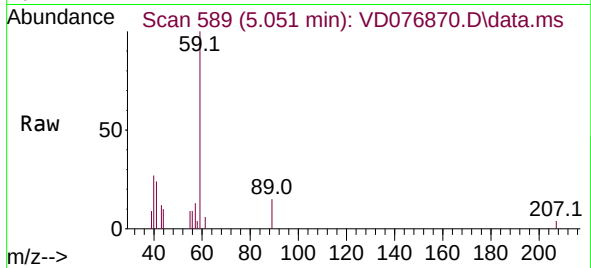
Tgt Ion:142 Resp: 37677
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 126.479 ug/l
RT: 5.051 min Scan# 589
Delta R.T. 0.005 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

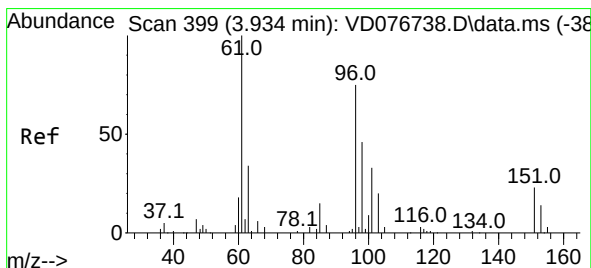
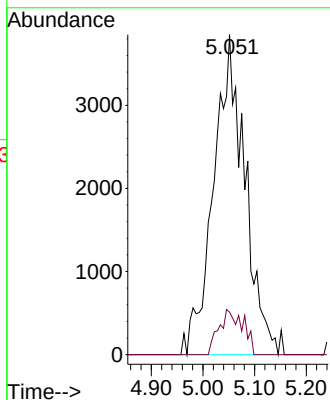
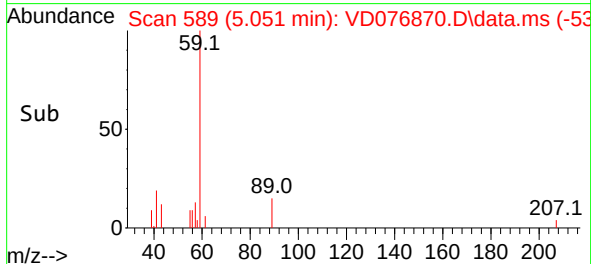
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



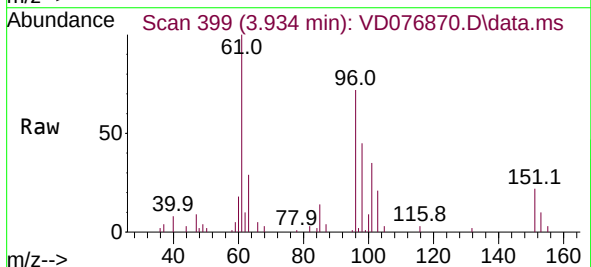
Tgt Ion: 59 Resp: 1610
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8

Manual Integrations
APPROVED

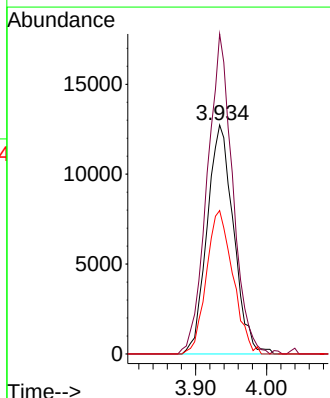
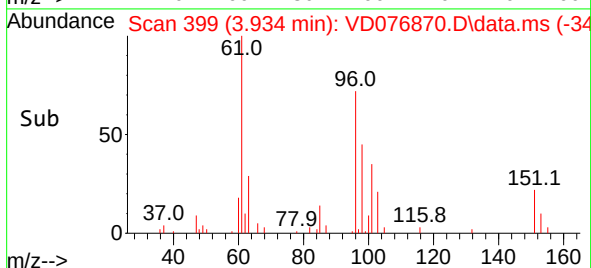
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

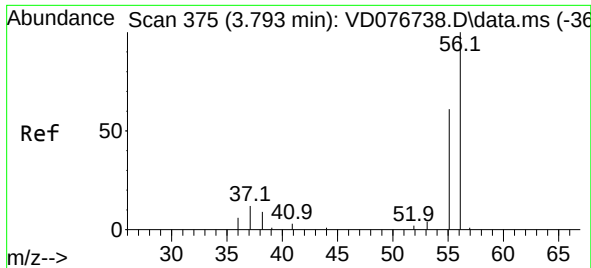


#12
1,1-Dichloroethene
Concen: 19.478 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



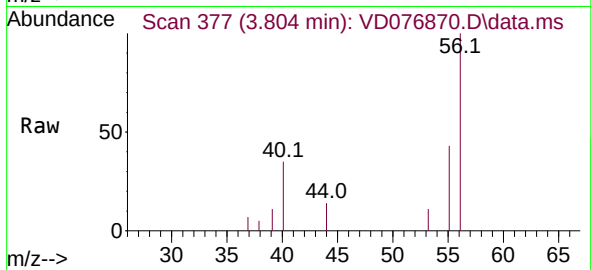
Tgt Ion: 96 Resp: 32978
Ion Ratio Lower Upper
96 100
61 139.8 100.6 150.8
98 62.7 50.2 75.2





#13
Acrolein
Concen: 115.609 ug/l
RT: 3.804 min Scan# 31
Delta R.T. 0.011 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

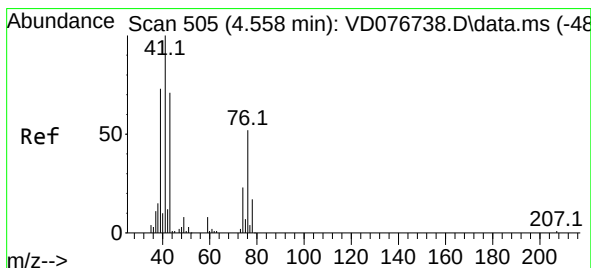
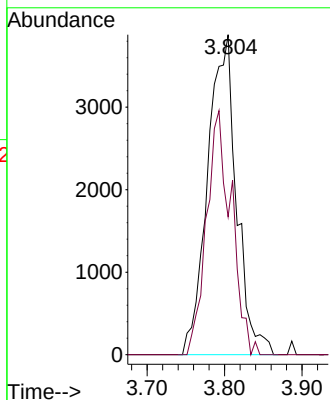
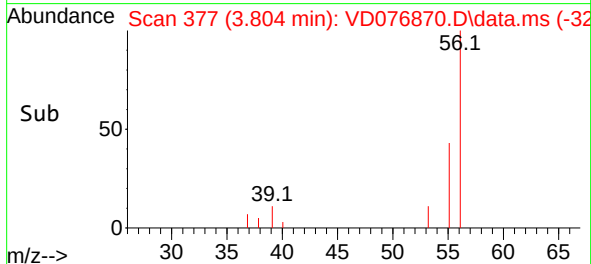
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion: 56 Resp: 1003
Ion Ratio Lower Upper
56 100
55 65.4 55.1 82.7

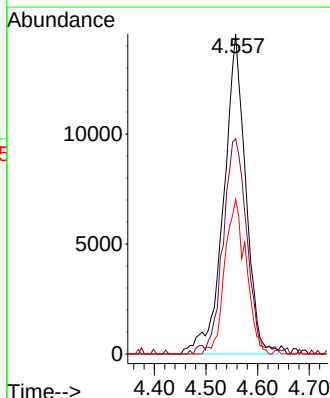
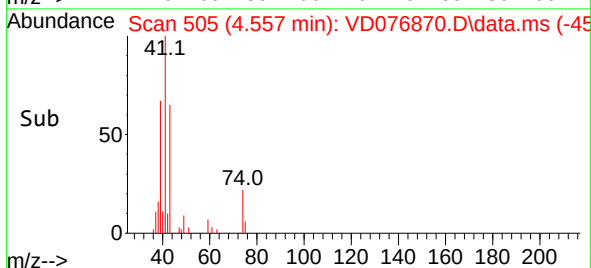
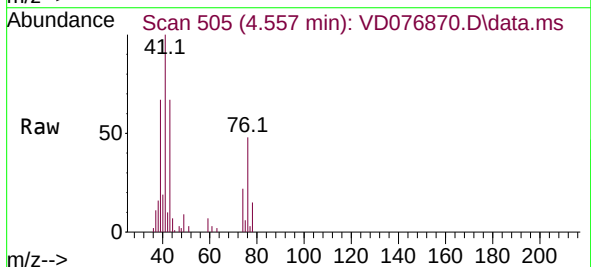
Manual Integrations
APPROVED

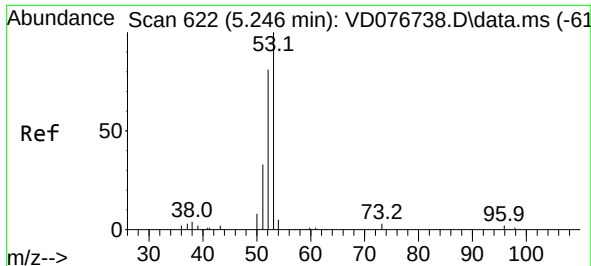
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#14
Allyl chloride
Concen: 19.308 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

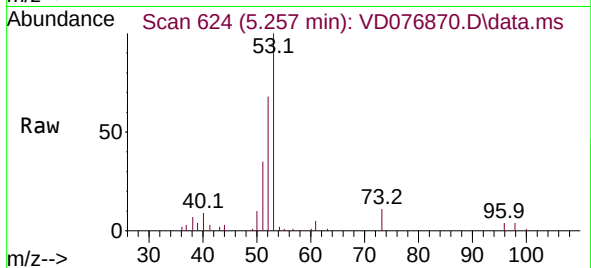
Tgt Ion: 41 Resp: 42944
Ion Ratio Lower Upper
41 100
39 72.0 53.8 80.6
76 47.0 45.8 68.8





#15
Acrylonitrile
Concen: 100.080 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

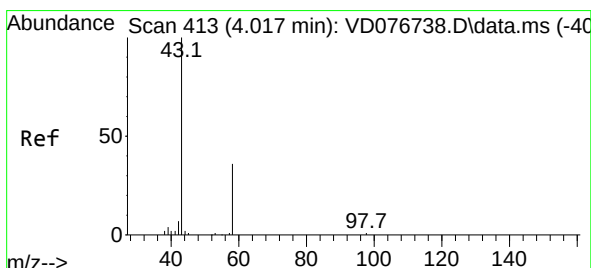
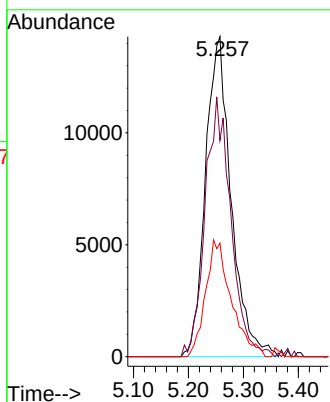
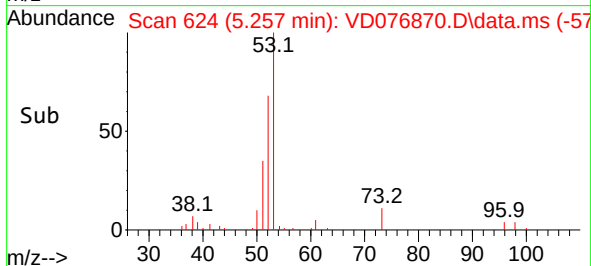
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion: 53 Resp: 46397
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.4
51 36.4 28.3 42.5

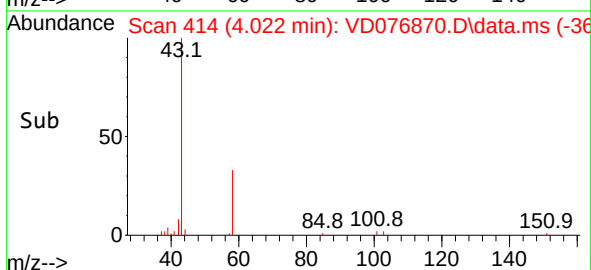
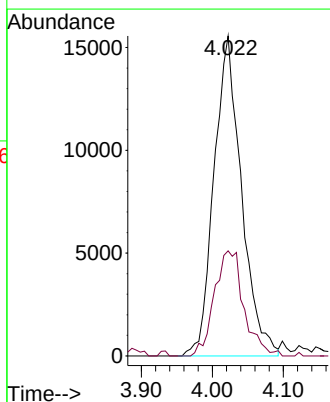
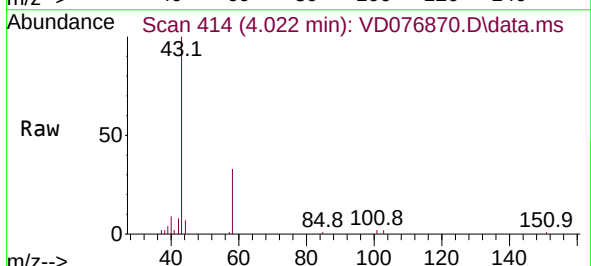
Manual Integrations
APPROVED

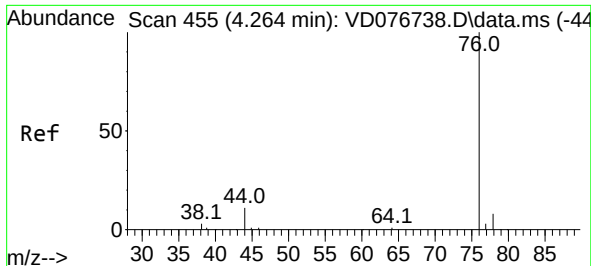
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 102.671 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 43 Resp: 41846
Ion Ratio Lower Upper
43 100
58 32.9 34.7 52.1#





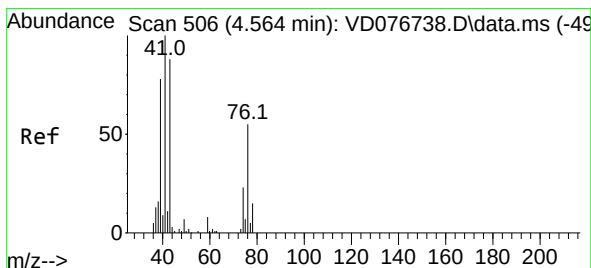
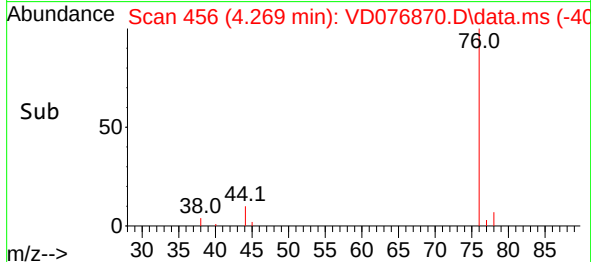
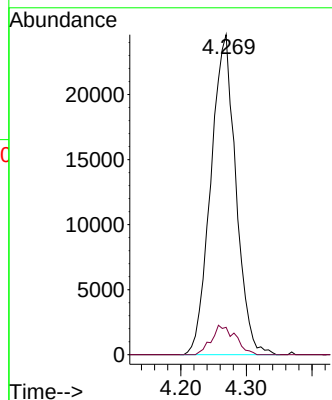
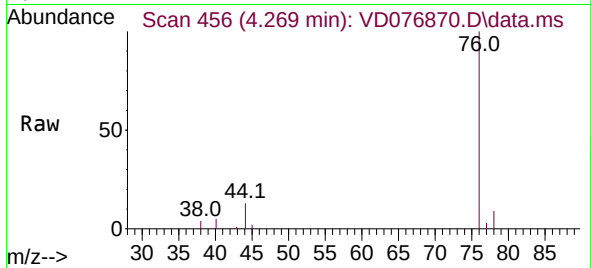
#17
Carbon Disulfide
Concen: 16.515 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.005 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion: 76 Resp: 65310
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

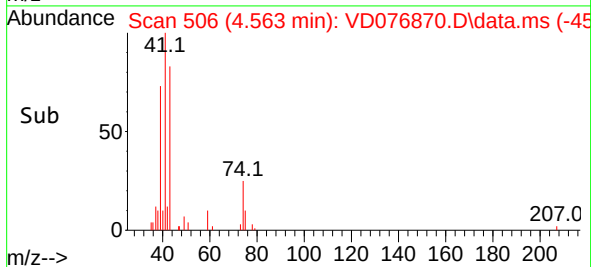
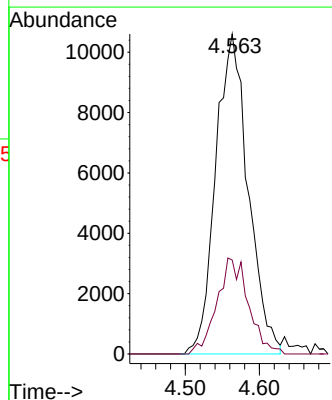
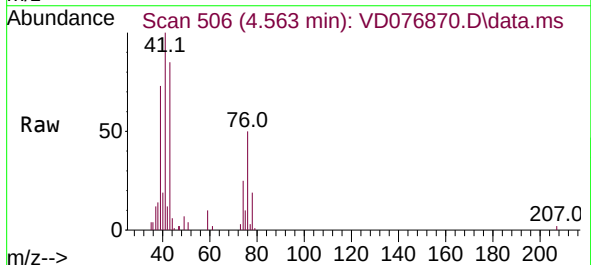
Manual Integrations
APPROVED

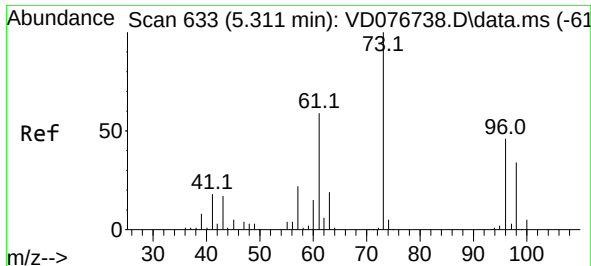
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#18
Methyl Acetate
Concen: 21.077 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 43 Resp: 32275
Ion Ratio Lower Upper
43 100
74 29.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.878 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 73 Resp: 9025

Ion Ratio Lower Upper

73 100

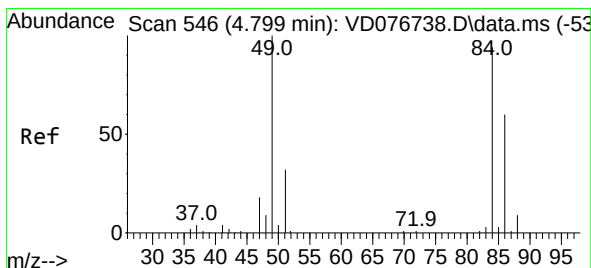
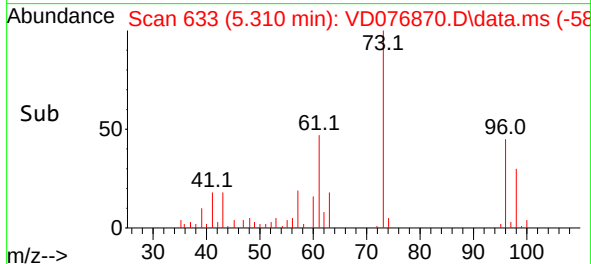
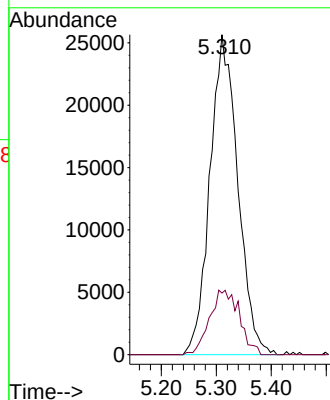
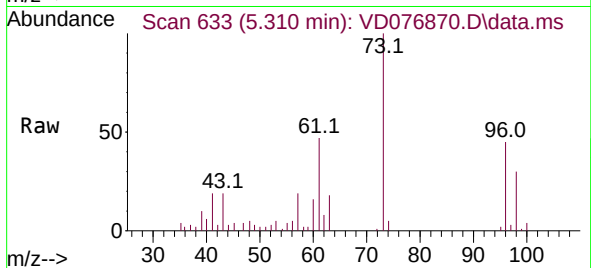
57 19.3 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#20

Methylene Chloride

Concen: 23.704 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Tgt Ion: 84 Resp: 70674

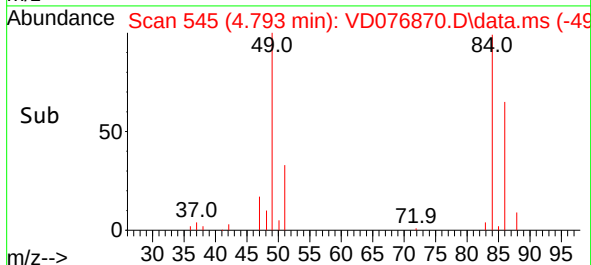
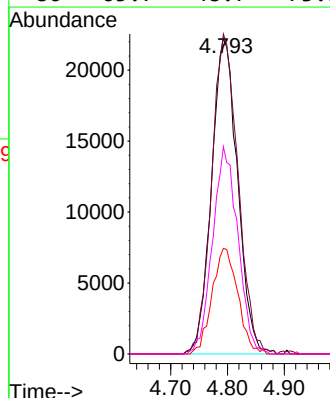
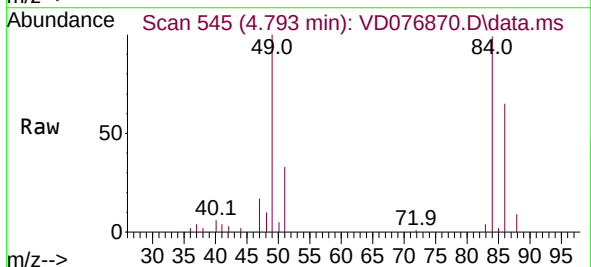
Ion Ratio Lower Upper

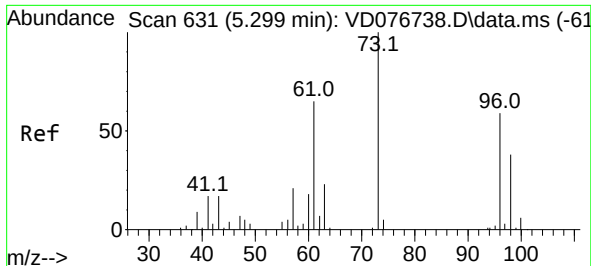
84 100

49 101.4 71.4 107.2

51 33.5 24.5 36.7

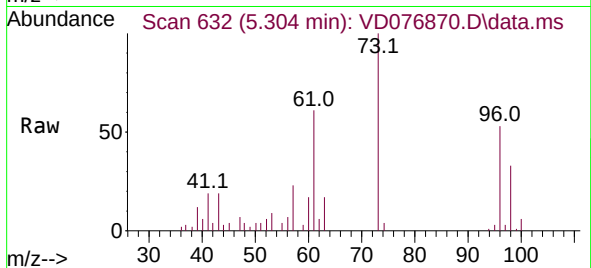
86 65.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 18.881 ug/l
RT: 5.304 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

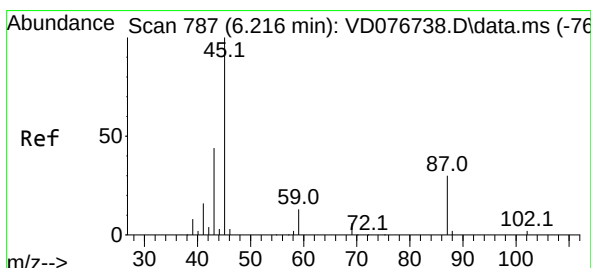
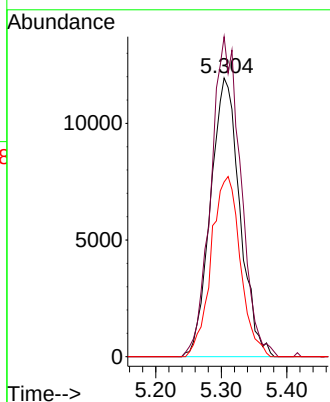
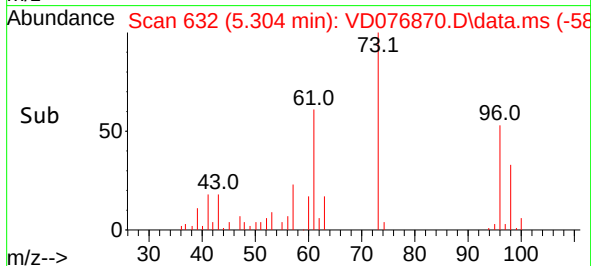
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion: 96 Resp: 37159
Ion Ratio Lower Upper
96 100
61 114.8 89.3 133.9
98 62.7 48.6 73.0

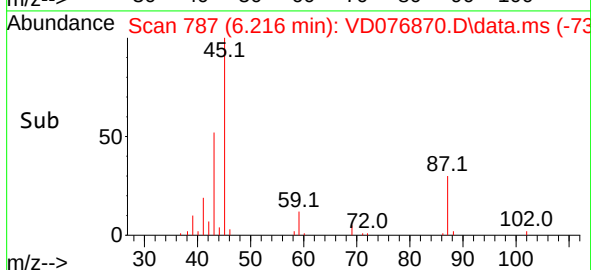
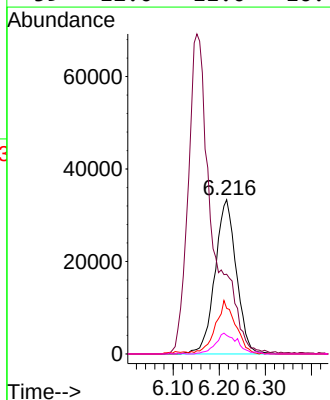
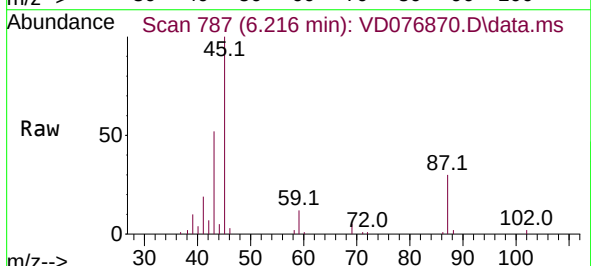
Manual Integrations
APPROVED

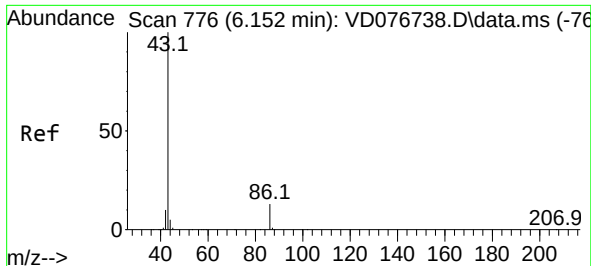
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#22
Diisopropyl ether
Concen: 20.350 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

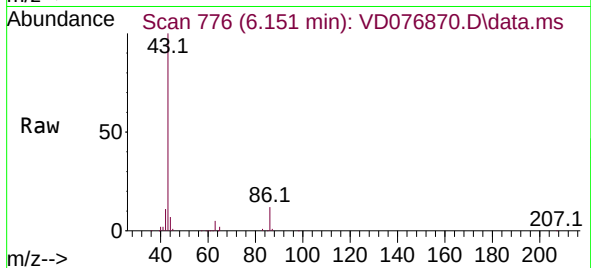
Tgt Ion: 45 Resp: 107180
Ion Ratio Lower Upper
45 100
43 51.1 40.0 60.0
87 29.6 28.2 42.4
59 12.0 11.0 16.4





#23
 Vinyl Acetate
 Concen: 97.837 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.001 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11

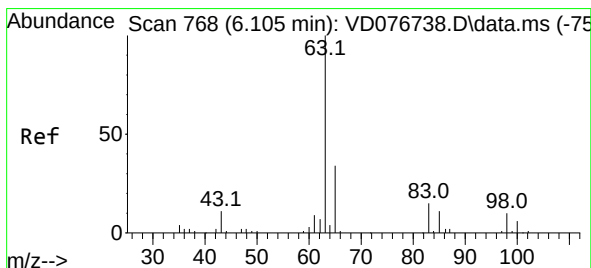
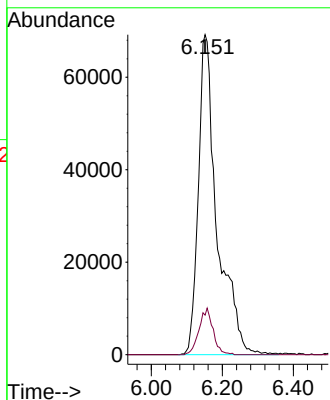
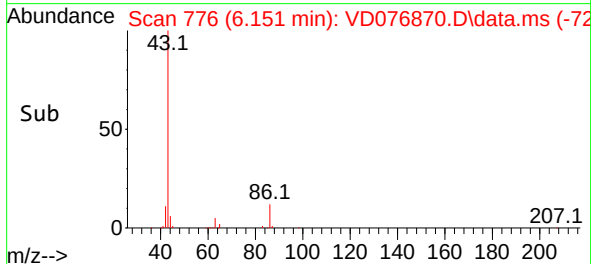
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS01



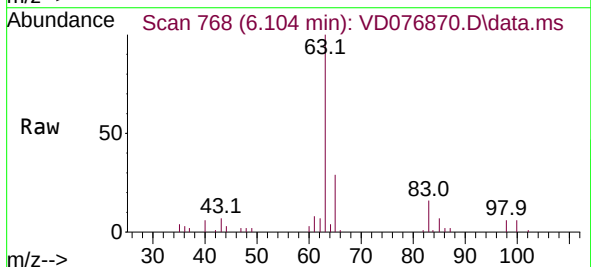
Tgt Ion: 43 Resp: 25495
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7

Manual Integrations
 APPROVED

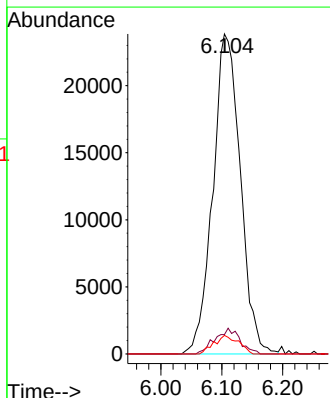
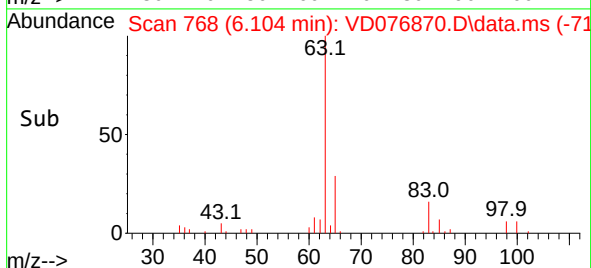
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

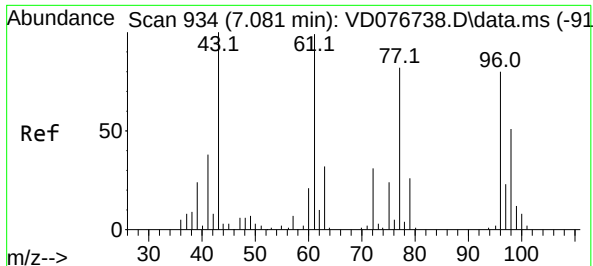


#24
 1,1-Dichloroethane
 Concen: 21.041 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.001 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11



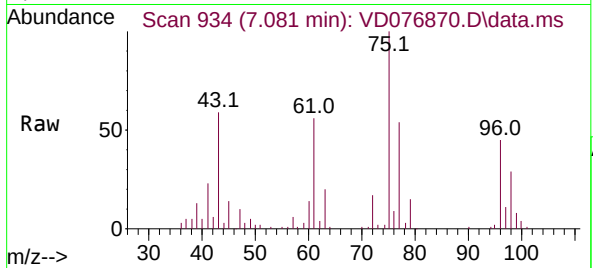
Tgt Ion: 63 Resp: 74717
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.5 13.7
 100 5.8 2.5 7.5





#25
2-Butanone
Concen: 114.164 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

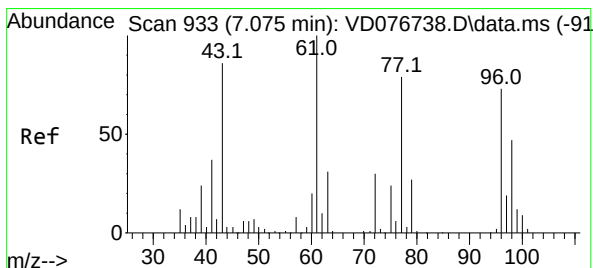
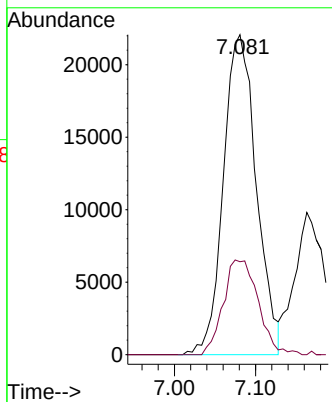
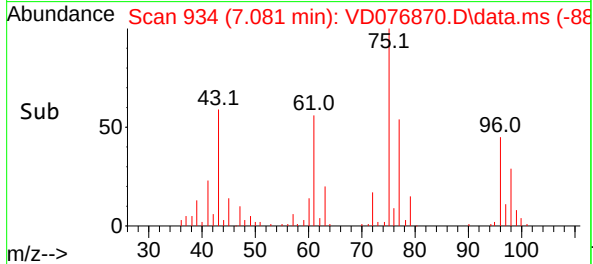
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion: 43 Resp: 62274
Ion Ratio Lower Upper
43 100
72 29.1 30.7 46.1

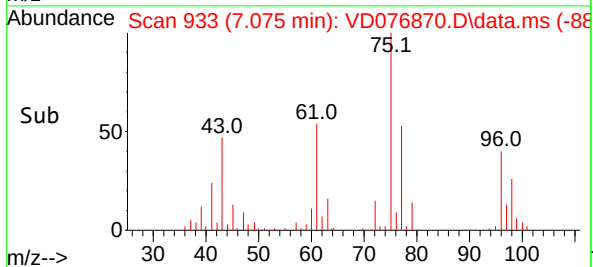
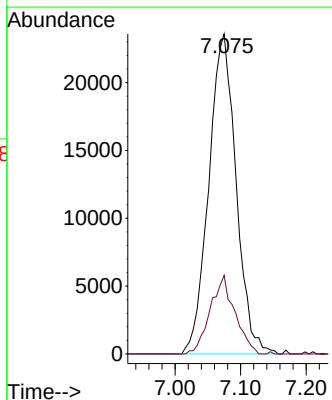
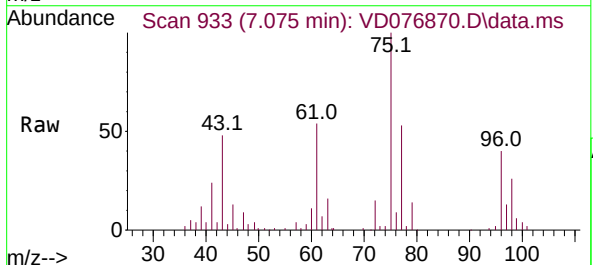
Manual Integrations
APPROVED

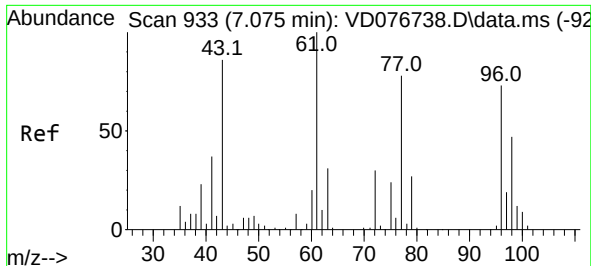
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#26
2,2-Dichloropropane
Concen: 22.276 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 77 Resp: 68189
Ion Ratio Lower Upper
77 100
97 22.1 13.2 39.6





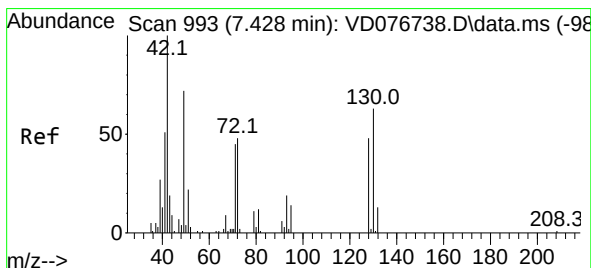
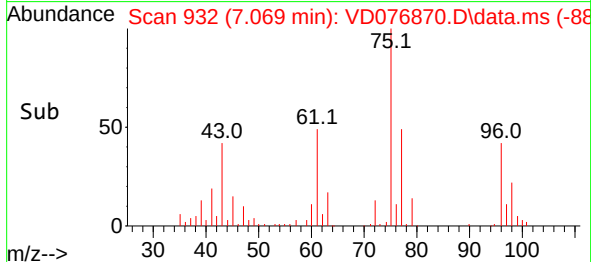
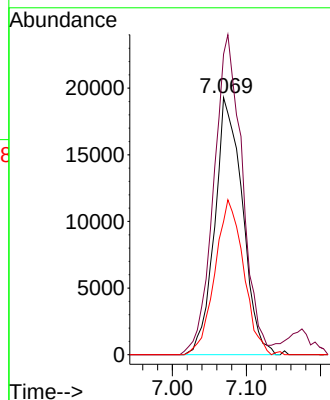
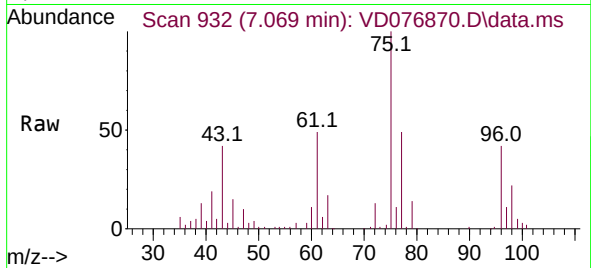
#27
 cis-1,2-Dichloroethene
 Concen: 20.616 ug/l
 RT: 7.069 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS01

Tgt Ion: 96 Resp: 5001
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 239.2
 98 62.4 0.0 128.6

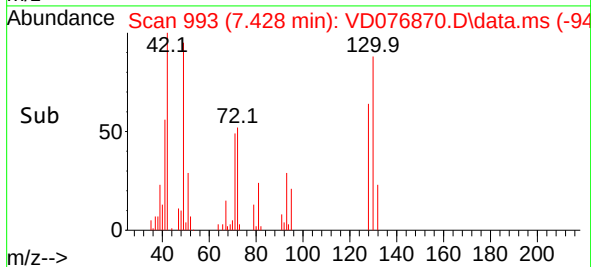
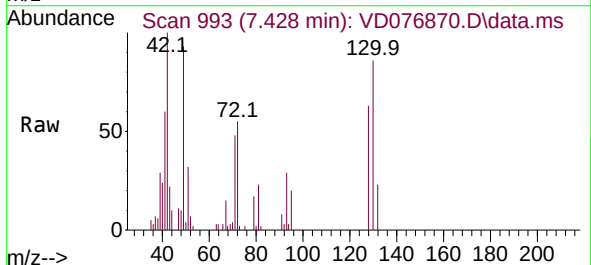
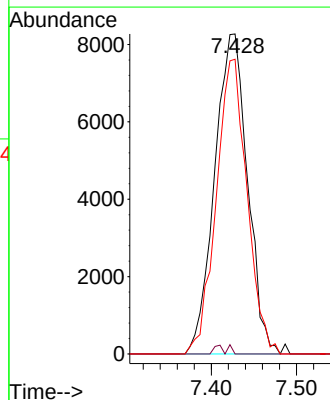
Manual Integrations
 APPROVED

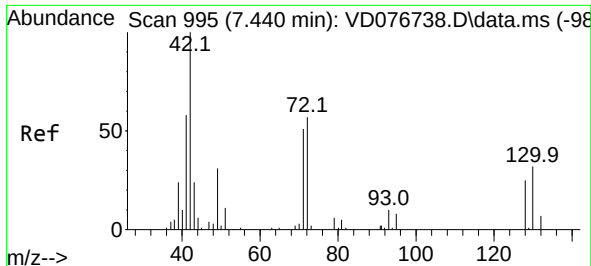
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#28
 Bromochloromethane
 Concen: 25.013 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11

Tgt Ion: 49 Resp: 22207
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 86.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 102.095 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.005 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

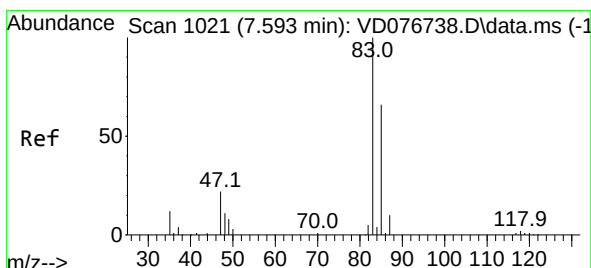
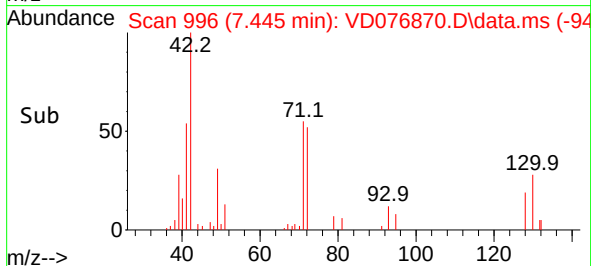
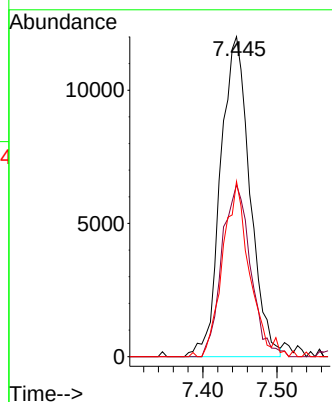
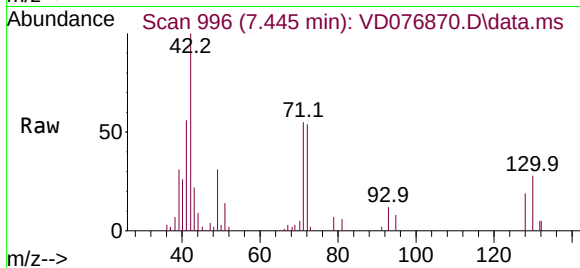
Tgt Ion: 42	Resp: 32904
Ion Ratio	Lower Upper
42 100	
72 52.8	46.5 69.7
71 50.1	44.5 66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Chloroform

Concen: 20.998 ug/l

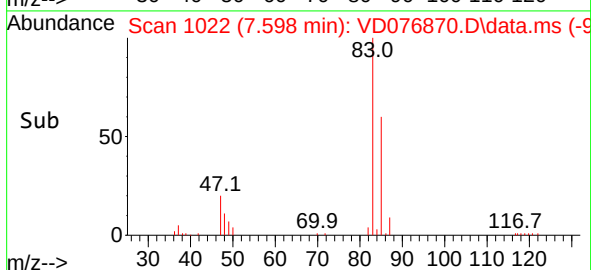
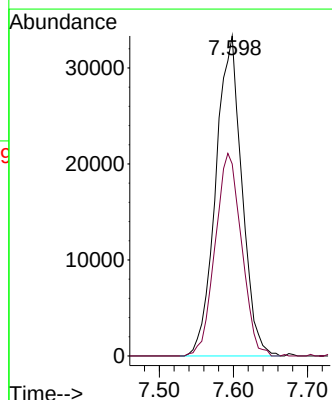
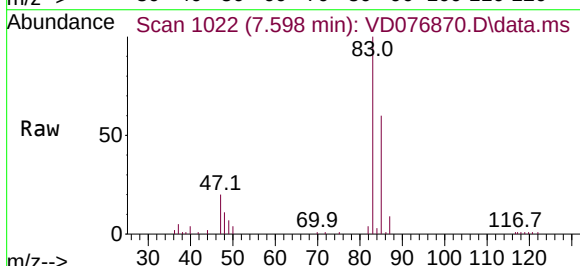
RT: 7.598 min Scan# 1022

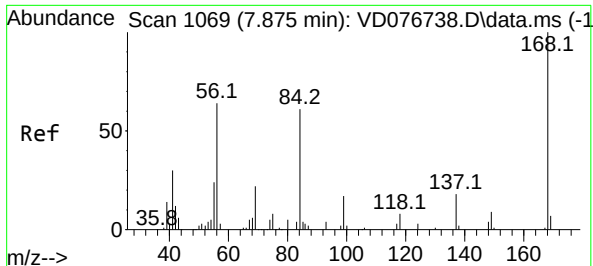
Delta R.T. 0.005 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Tgt Ion: 83	Resp: 81668
Ion Ratio	Lower Upper
83 100	
85 60.0	53.4 80.2





#31

Cyclohexane

Concen: 18.791 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

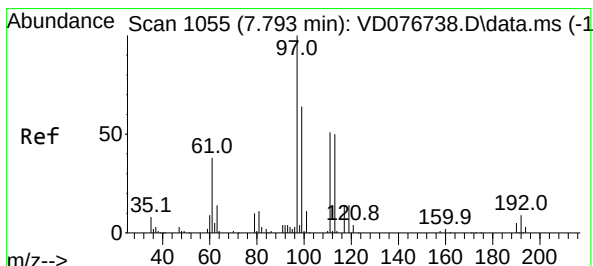
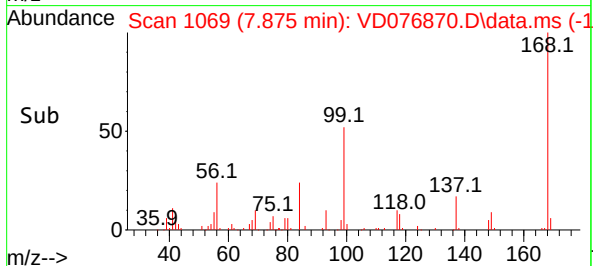
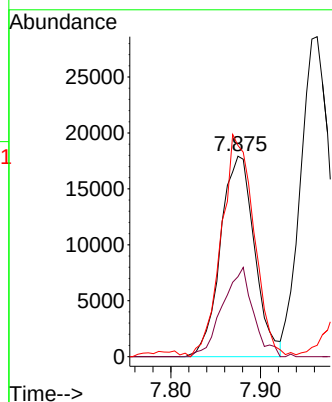
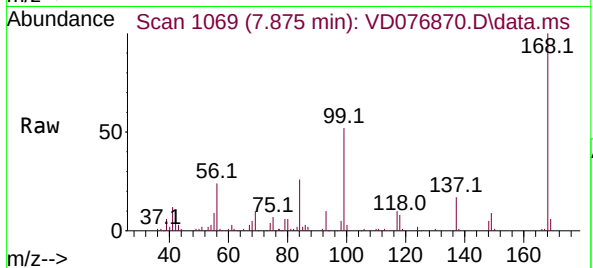
Tgt Ion:	56	Resp:	4719
Ion Ratio	Lower	Upper	
56	100		
69	39.9	28.6	43.0
84	104.5	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#32

1,1,1-Trichloroethane

Concen: 21.737 ug/l

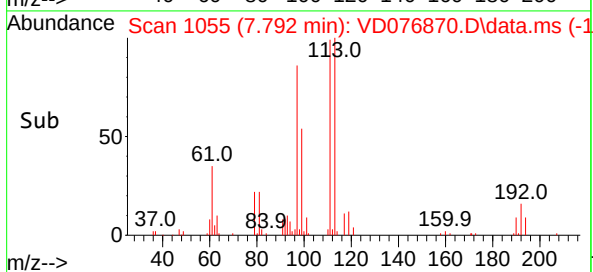
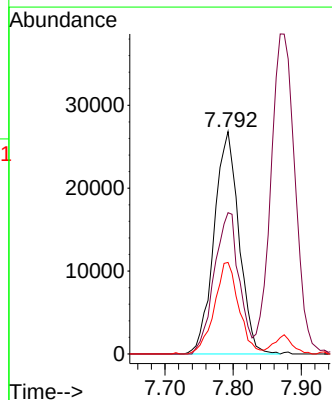
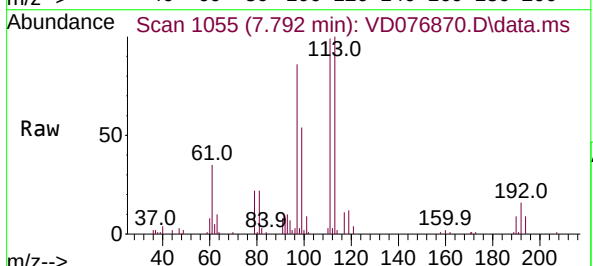
RT: 7.792 min Scan# 1055

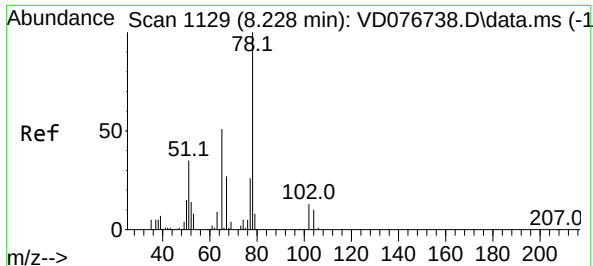
Delta R.T. -0.001 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Tgt Ion:	97	Resp:	68211
Ion Ratio	Lower	Upper	
97	100		
99	63.5	52.0	78.0
61	40.5	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 47.893 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 65 Resp: 81734

Ion Ratio Lower Upper

65 100

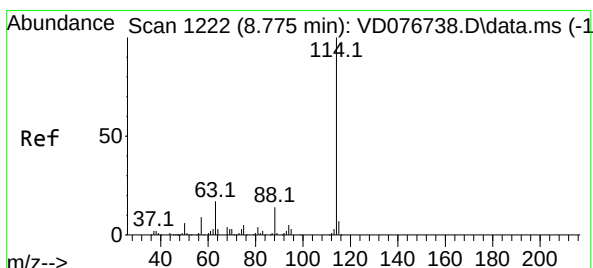
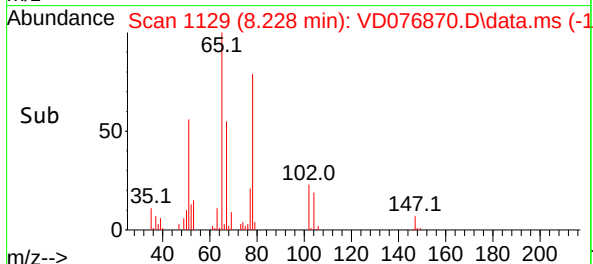
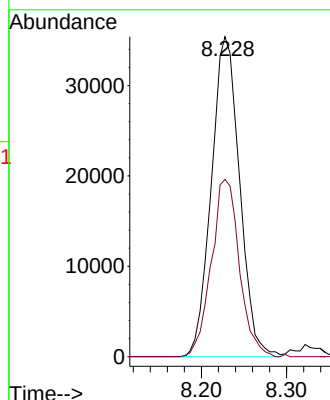
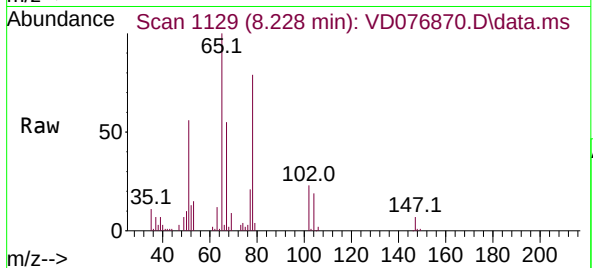
67 54.8 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

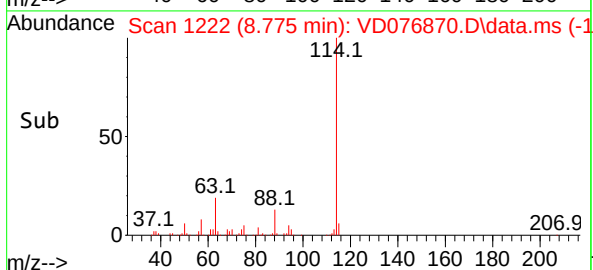
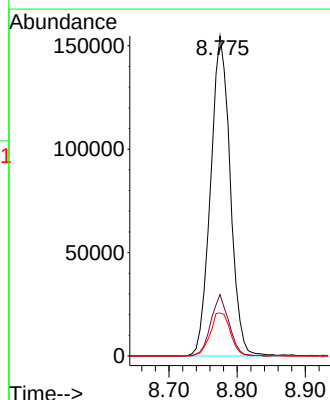
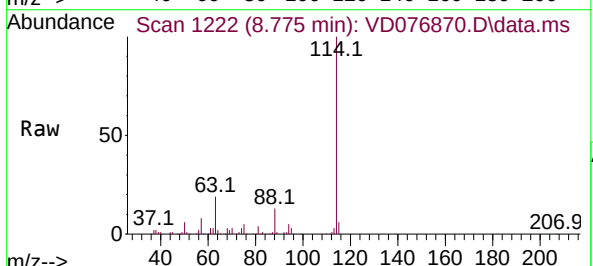
Tgt Ion:114 Resp: 310268

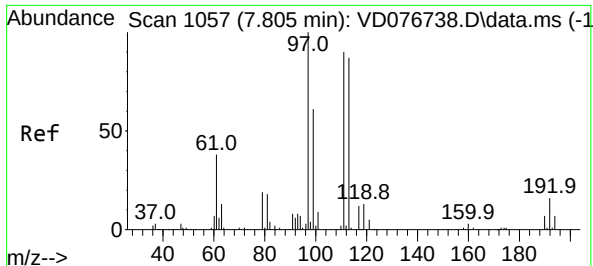
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.113 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion:113 Resp: 97708

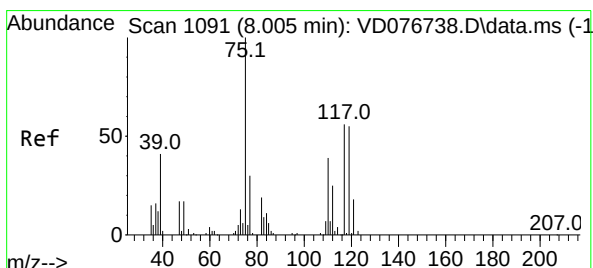
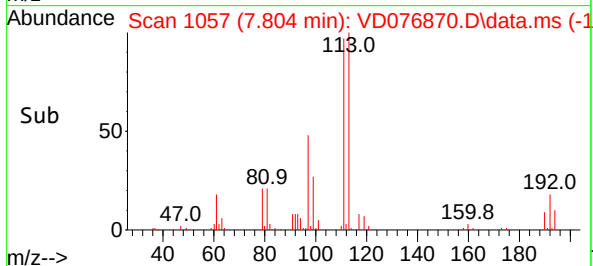
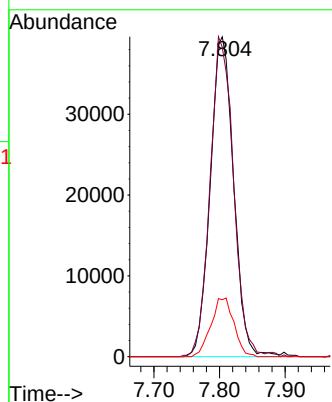
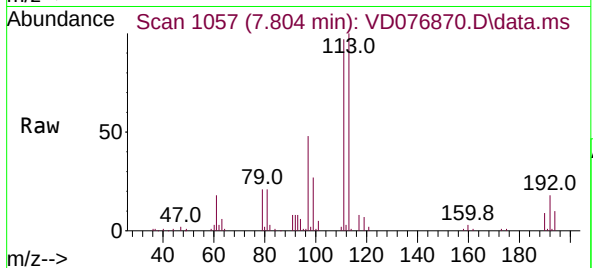
Ion	Ratio	Lower	Upper
113	100		
111	100.2	84.7	127.1
192	18.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#36

1,1-Dichloropropene

Concen: 20.876 ug/l

RT: 8.004 min Scan# 1091

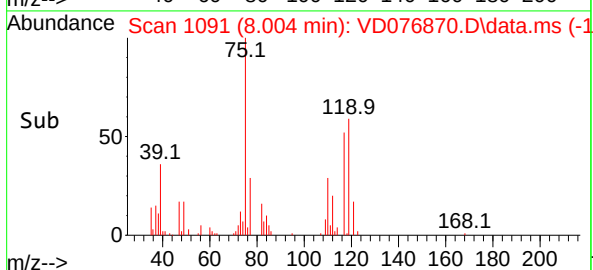
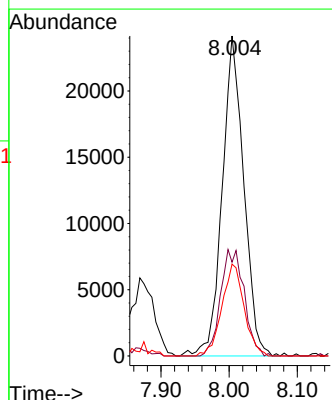
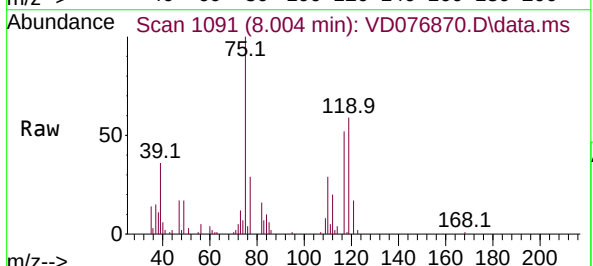
Delta R.T. -0.001 min

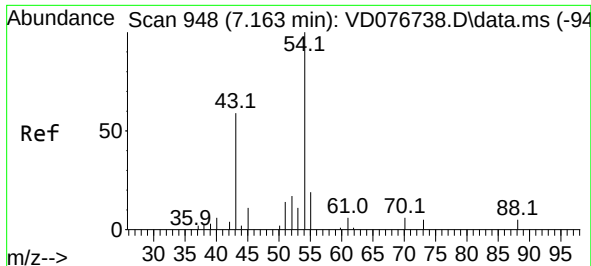
Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Tgt Ion: 75 Resp: 53188

Ion	Ratio	Lower	Upper
75	100		
110	36.3	19.9	59.6
77	29.6	24.7	37.1





#37

Ethyl Acetate

Concen: 21.322 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 43 Resp: 24294

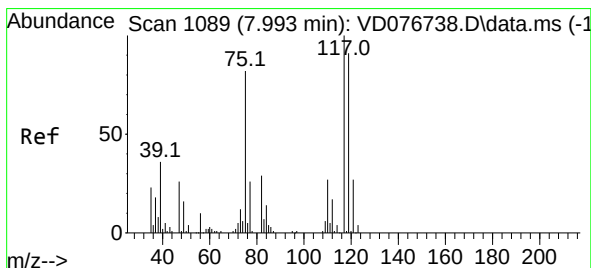
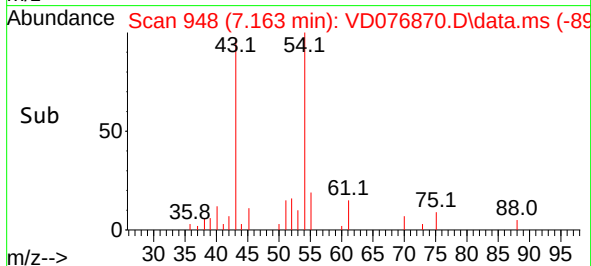
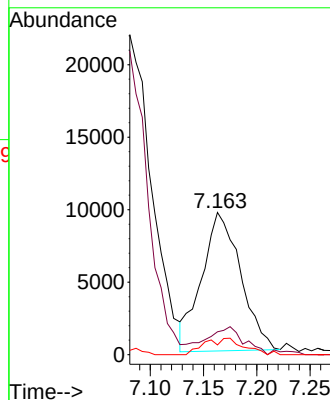
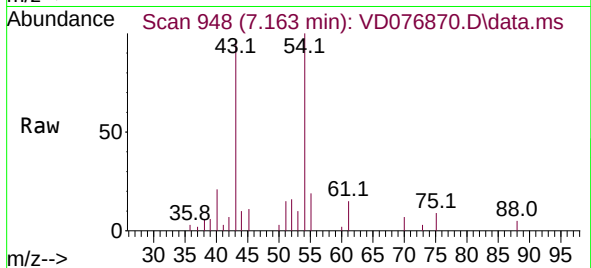
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3
70	5.0	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#38

Carbon Tetrachloride

Concen: 21.144 ug/l

RT: 7.987 min Scan# 1088

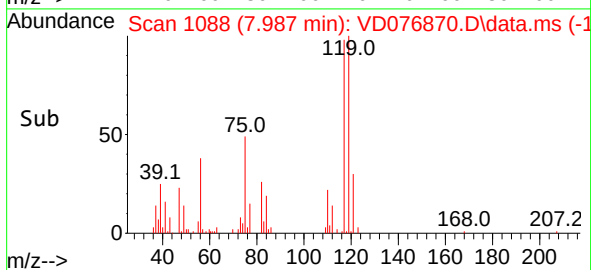
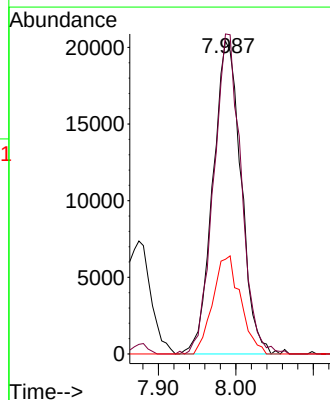
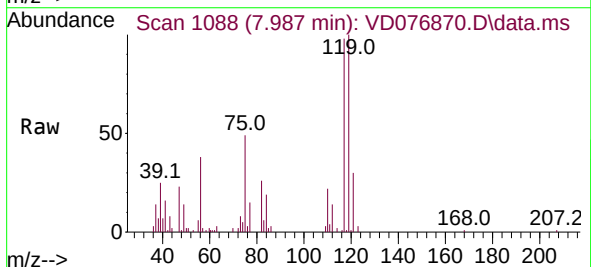
Delta R.T. -0.006 min

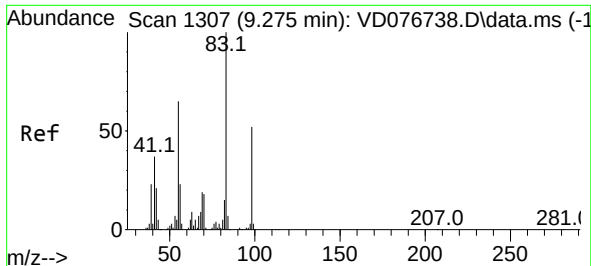
Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Tgt Ion:117 Resp: 51581

Ion	Ratio	Lower	Upper
117	100		
119	101.5	78.0	117.0
121	30.3	24.2	36.2





#39

Methylcyclohexane

Concen: 18.736 ug/l

RT: 9.275 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076870.D

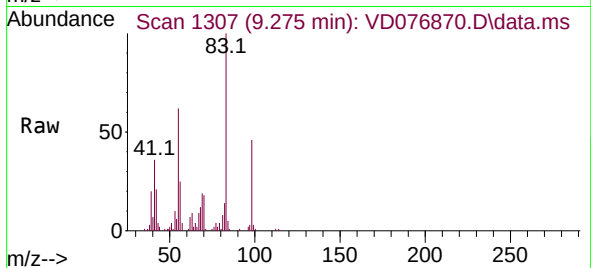
Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01



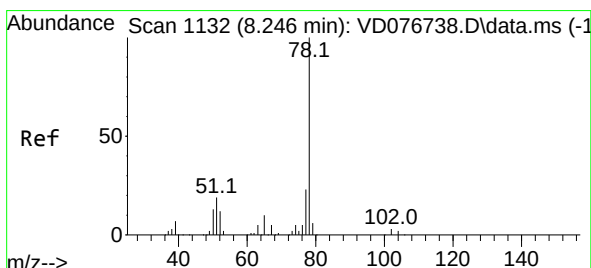
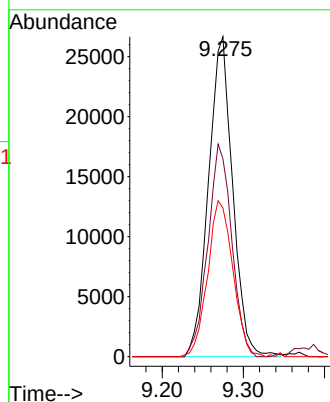
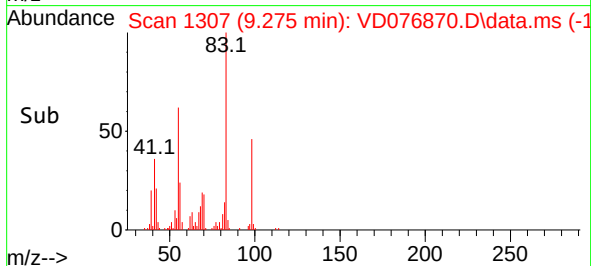
Tgt Ion: 83	Resp: 55118
Ion Ratio	Lower Upper
83 100	
55 61.8	49.4 74.0
98 46.5	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#40

Benzene

Concen: 20.034 ug/l

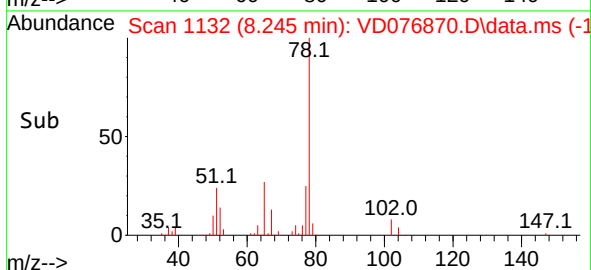
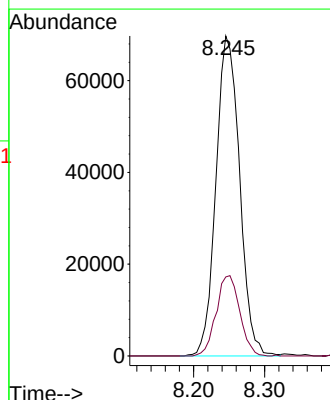
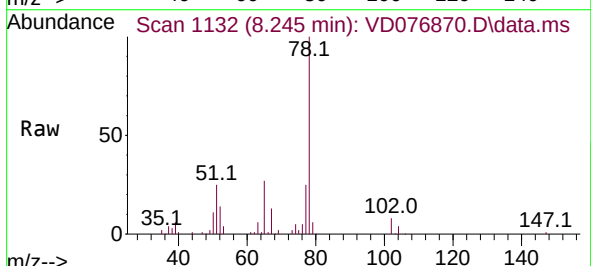
RT: 8.245 min Scan# 1132

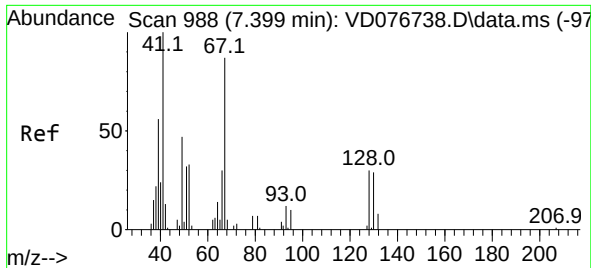
Delta R.T. -0.001 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

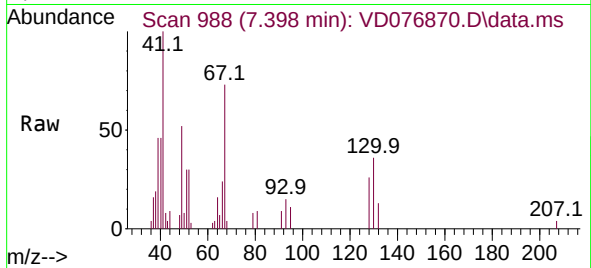
Tgt Ion: 78	Resp: 161050
Ion Ratio	Lower Upper
78 100	
77 24.7	19.4 29.0





#41
Methacrylonitrile
Concen: 21.479 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

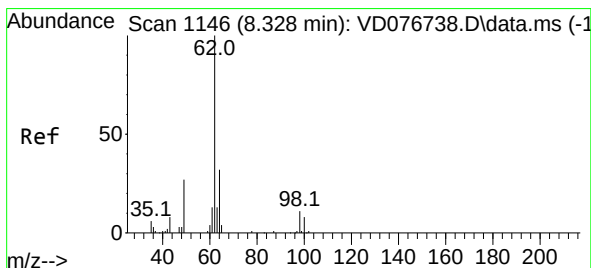
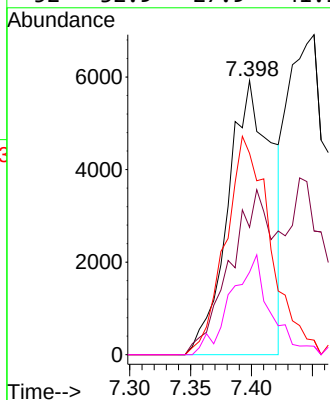
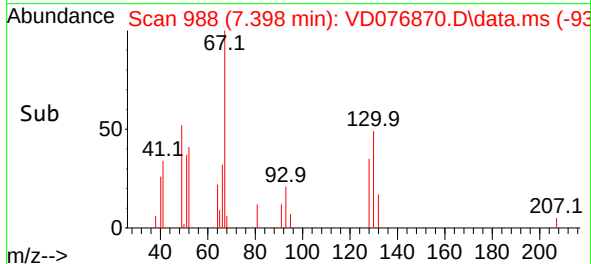
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion: 41 Resp: 1494
Ion Ratio Lower Upper
41 100
39 65.5 34.0 51.0
67 81.6 77.0 115.4
52 32.9 27.9 41.9

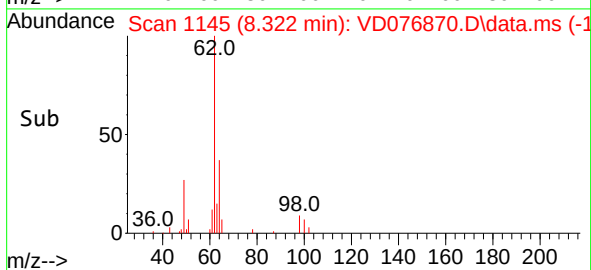
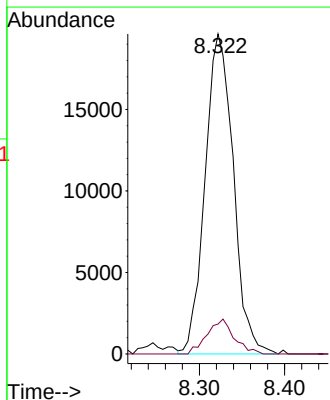
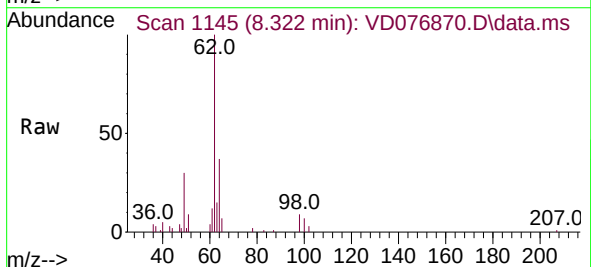
Manual Integrations
APPROVED

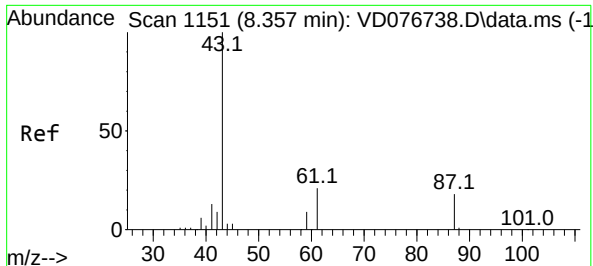
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
1,2-Dichloroethane
Concen: 21.690 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

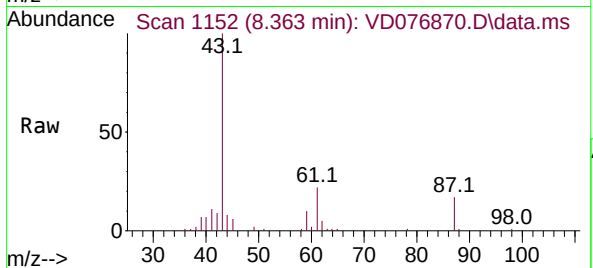
Tgt Ion: 62 Resp: 45305
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 20.927 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

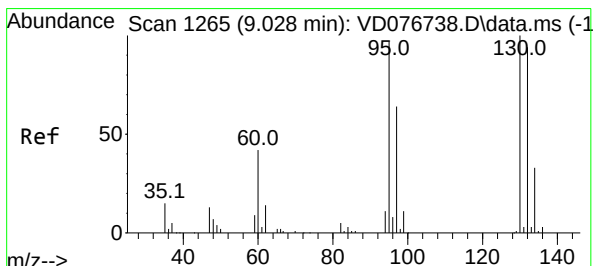
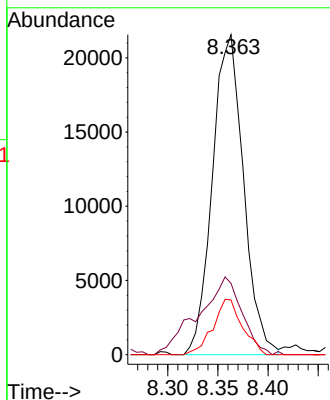
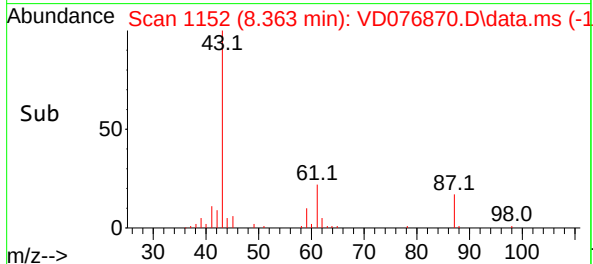
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



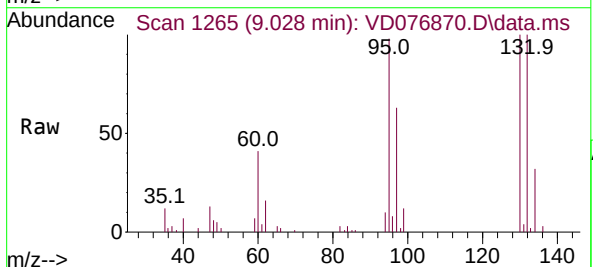
Tgt Ion: 43 Resp: 46534
Ion Ratio Lower Upper
43 100
61 34.0 31.4 47.0
87 16.3 14.9 22.3

Manual Integrations
APPROVED

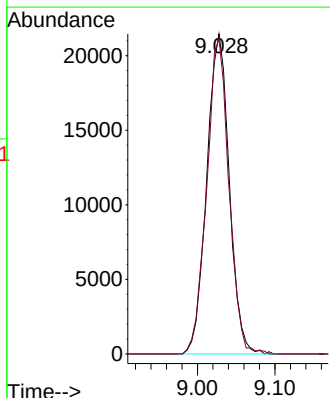
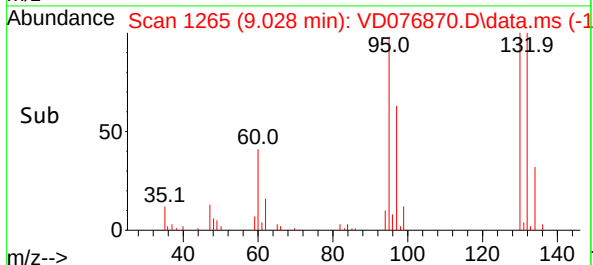
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

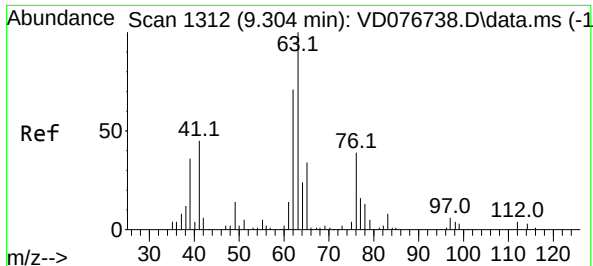


#44
Trichloroethene
Concen: 19.750 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



Tgt Ion:130 Resp: 43264
Ion Ratio Lower Upper
130 100
95 98.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.881 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 63 Resp: 4333

Ion Ratio Lower Upper

63 100

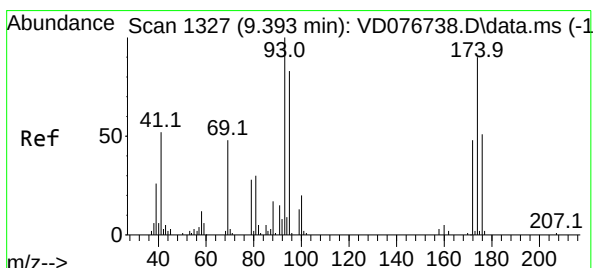
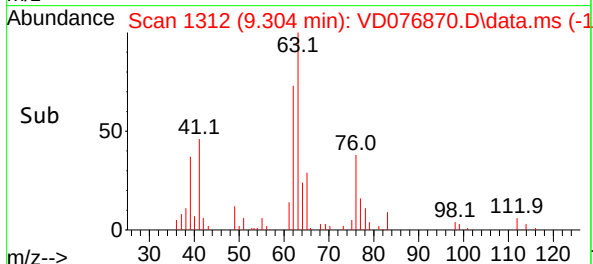
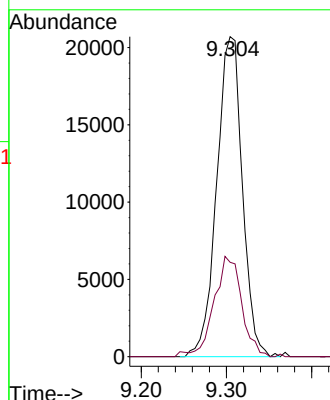
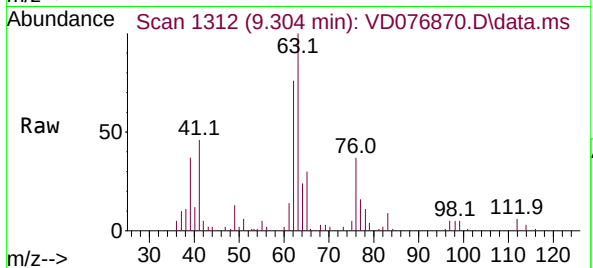
65 28.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#46

Dibromomethane

Concen: 21.684 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

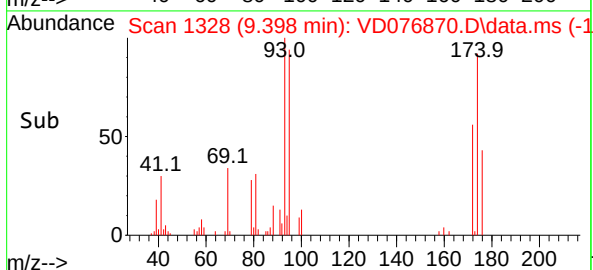
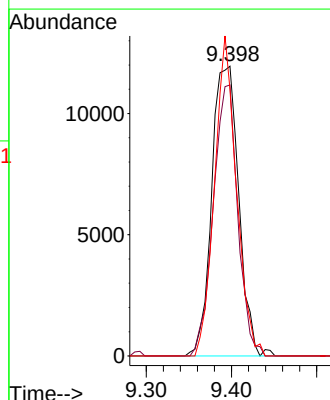
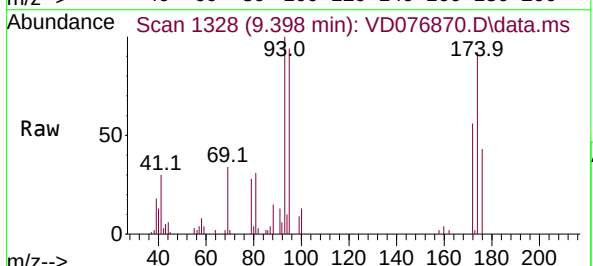
Tgt Ion: 93 Resp: 26338

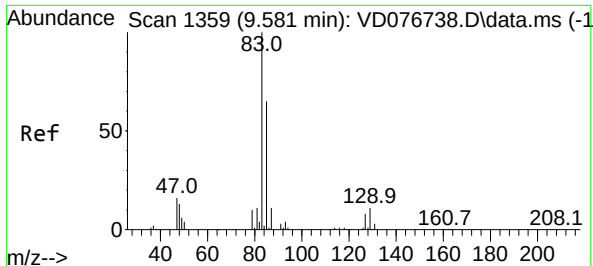
Ion Ratio Lower Upper

93 100

95 84.8 67.7 101.5

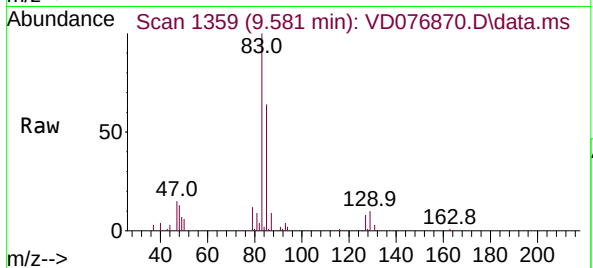
174 89.8 85.4 128.2





#47
Bromodichloromethane
Concen: 20.777 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

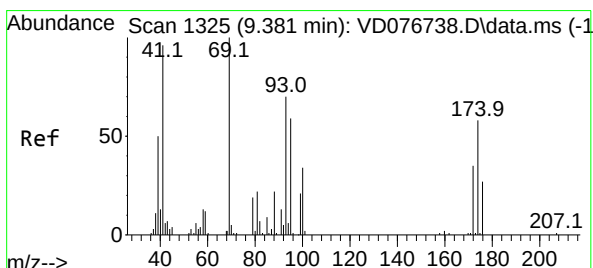
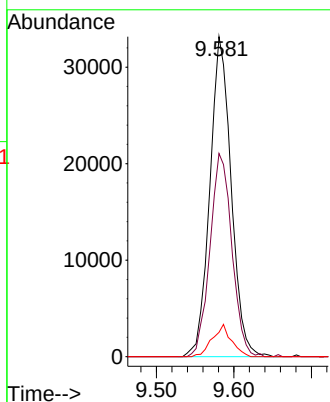
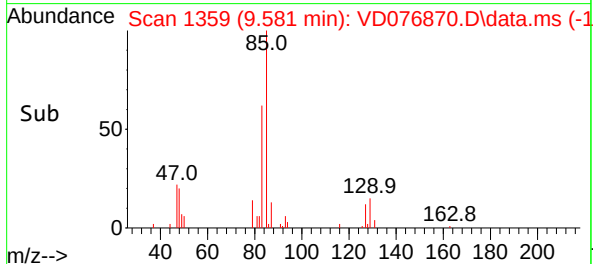
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



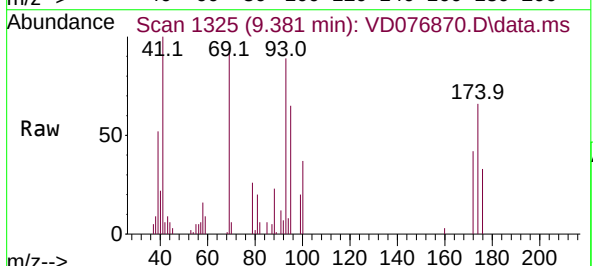
Tgt Ion: 83 Resp: 6333
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 7.6 6.3 9.5

Manual Integrations
APPROVED

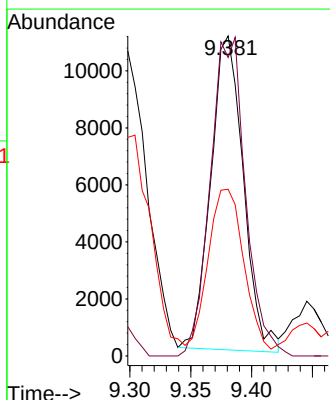
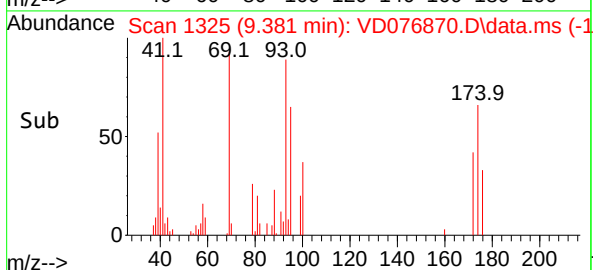
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

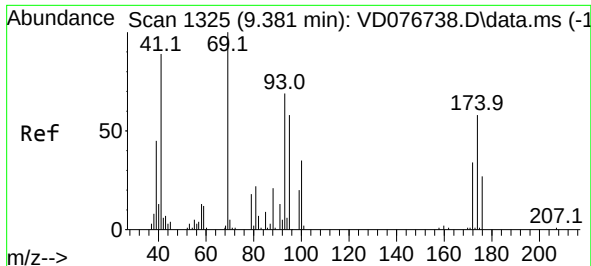


#48
Methyl methacrylate
Concen: 20.241 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



Tgt Ion: 41 Resp: 20485
Ion Ratio Lower Upper
41 100
69 109.7 102.2 153.2
39 59.7 41.4 62.2





#49

1,4-Dioxane

Concen: 422.368 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 88 Resp: 657

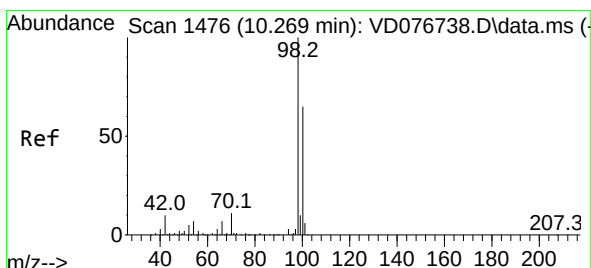
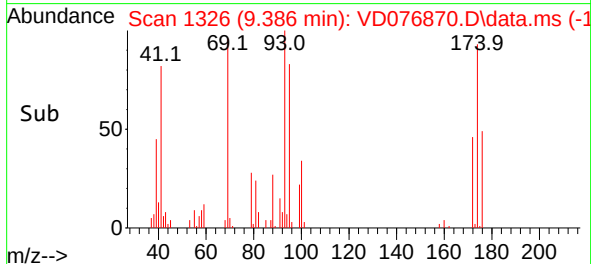
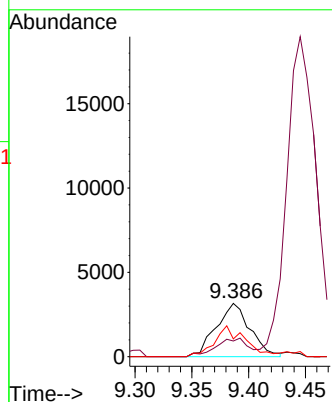
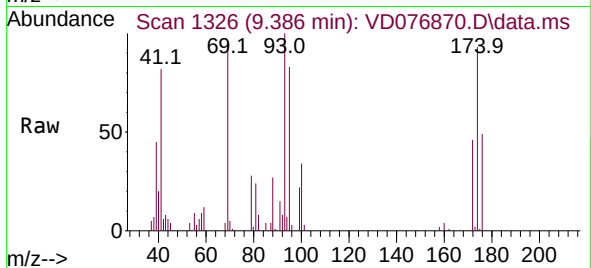
Ion	Ratio	Lower	Upper
88	100		
43	32.1	19.0	28.6
58	51.5	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#50

Toluene-d8

Concen: 46.569 ug/l

RT: 10.269 min Scan# 1476

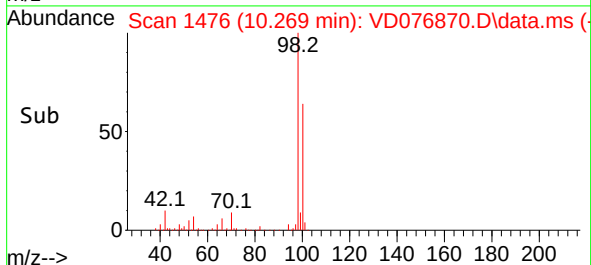
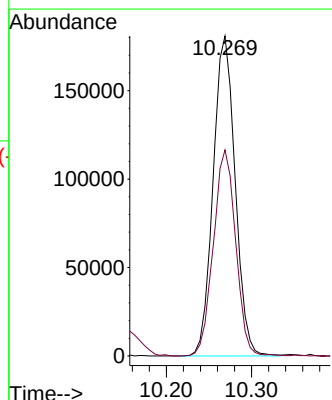
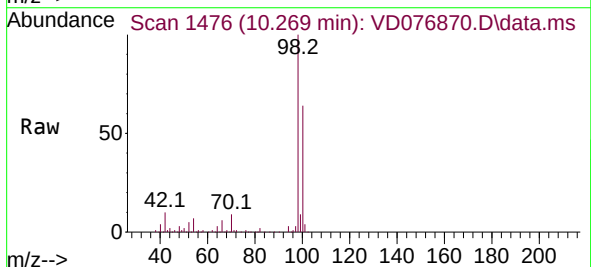
Delta R.T. -0.000 min

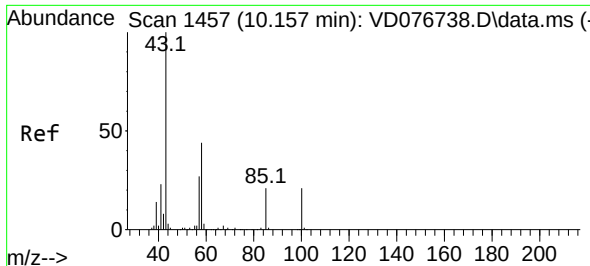
Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Tgt Ion: 98 Resp: 324817

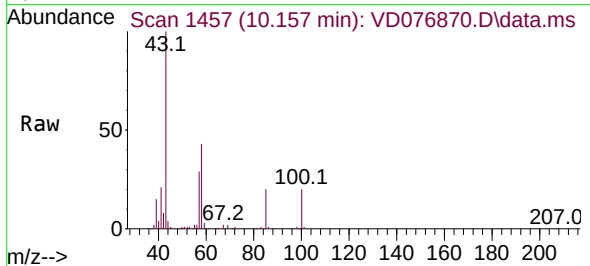
Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 106.129 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

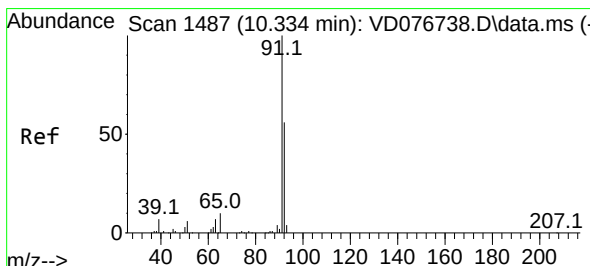
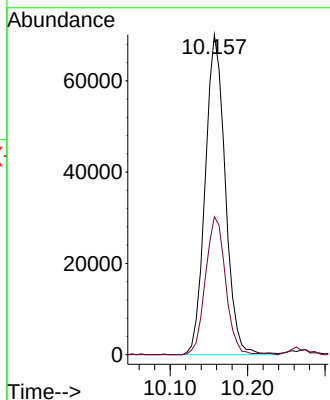
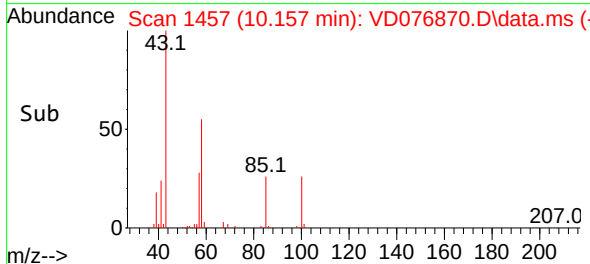
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



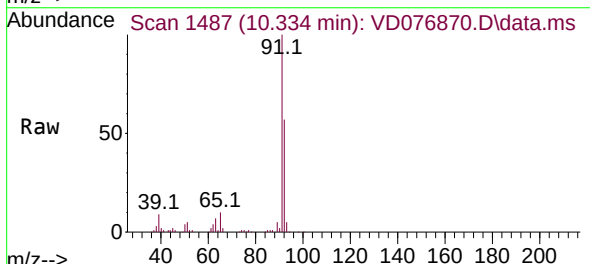
Tgt Ion: 43 Resp: 125650
Ion Ratio Lower Upper
43 100
58 43.2 38.9 58.3

Manual Integrations
APPROVED

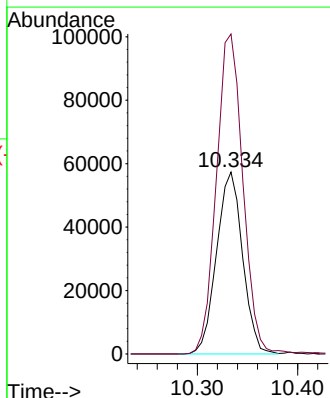
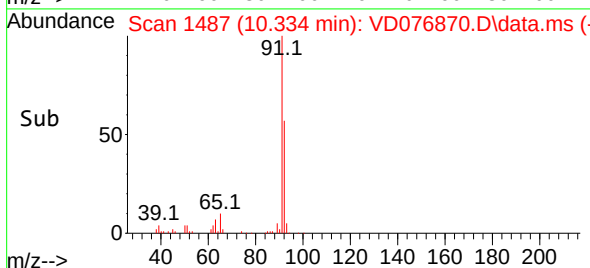
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

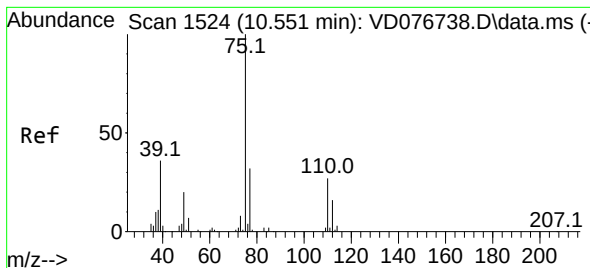


#52
Toluene
Concen: 19.554 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



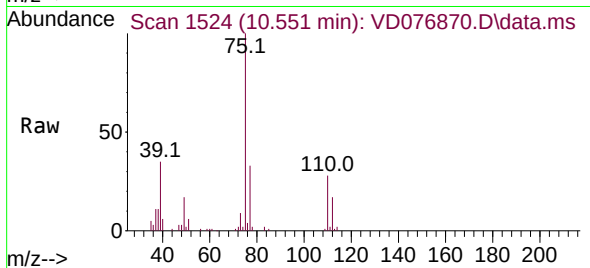
Tgt Ion: 92 Resp: 103240
Ion Ratio Lower Upper
92 100
91 179.8 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 20.537 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

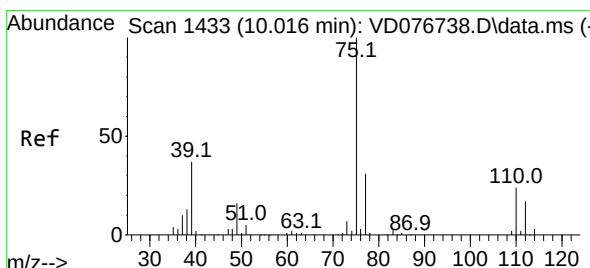
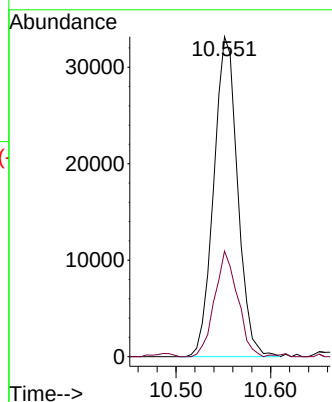
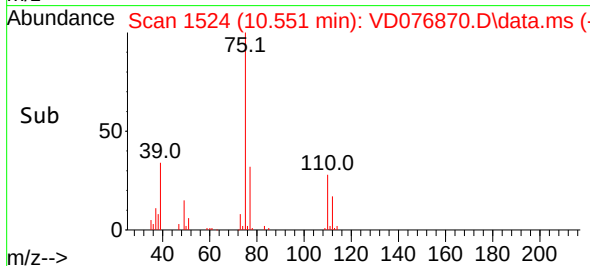
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion: 75 Resp: 5810
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9

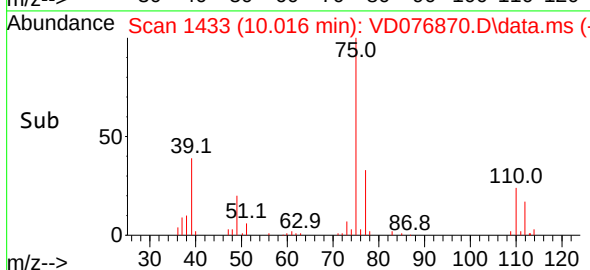
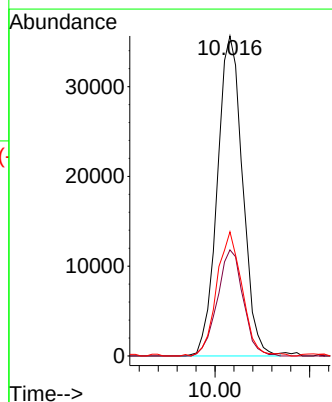
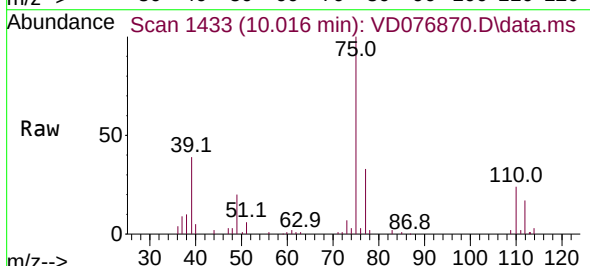
Manual Integrations
APPROVED

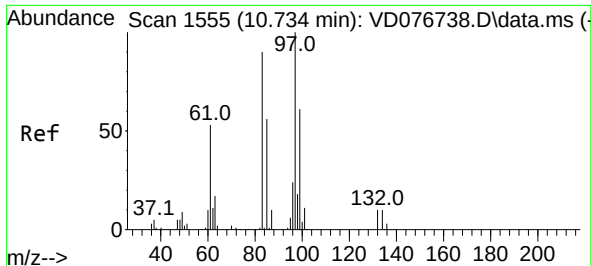
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
cis-1,3-Dichloropropene
Concen: 19.818 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

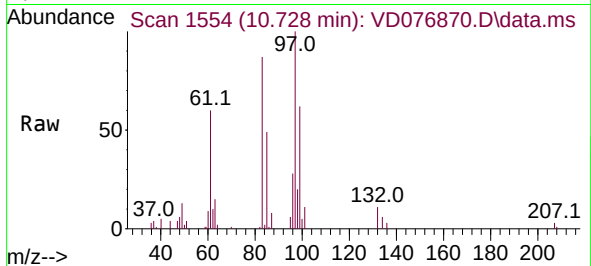
Tgt Ion: 75 Resp: 66080
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3
39 38.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 22.030 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

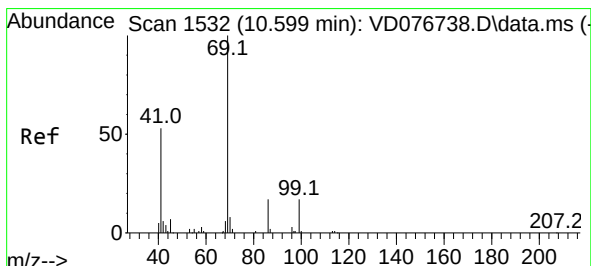
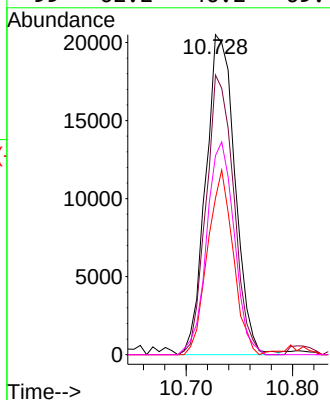
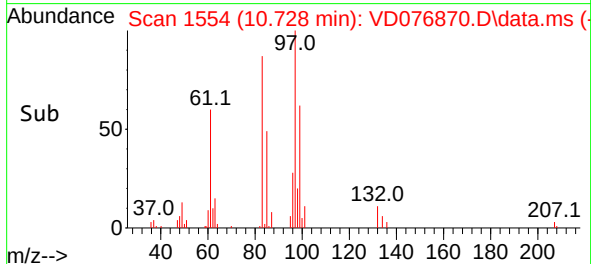
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion:	97	Resp:	3907
Ion Ratio	100	Lower	Upper
97	100		
83	87.4	65.8	98.6
85	48.9	45.7	68.5
99	62.2	46.2	69.4

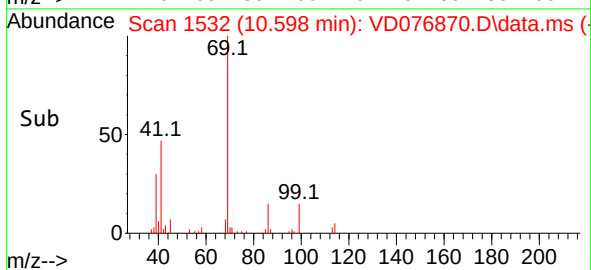
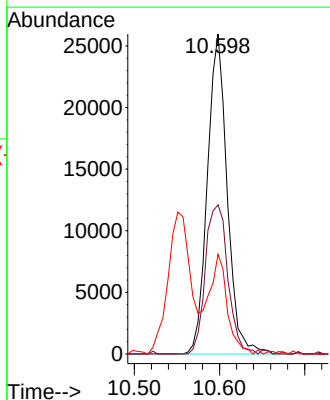
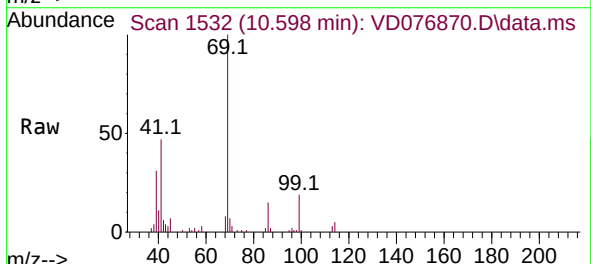
Manual Integrations
APPROVED

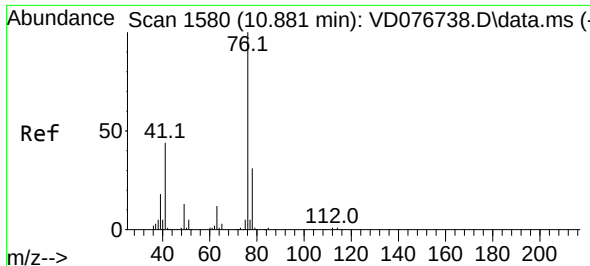
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#56
Ethyl methacrylate
Concen: 20.523 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Tgt Ion:	69	Resp:	42015
Ion Ratio	100	Lower	Upper
69	100		
41	52.9	39.1	58.7
39	30.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 21.039 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 76 Resp: 6077

Ion Ratio Lower Upper

76 100

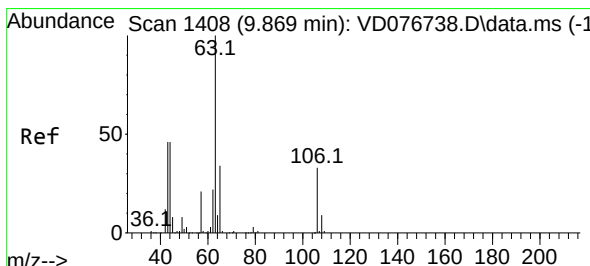
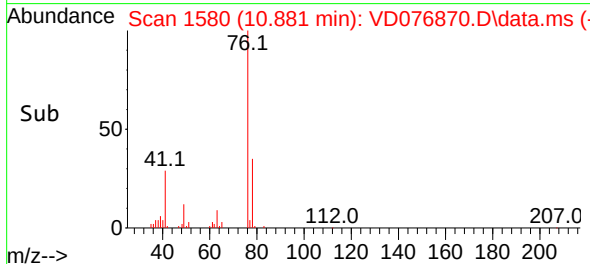
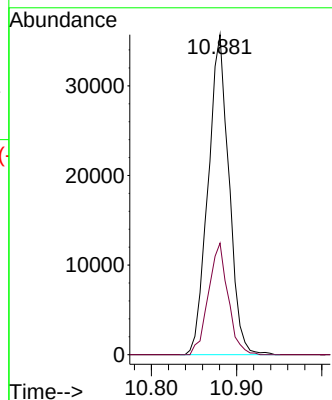
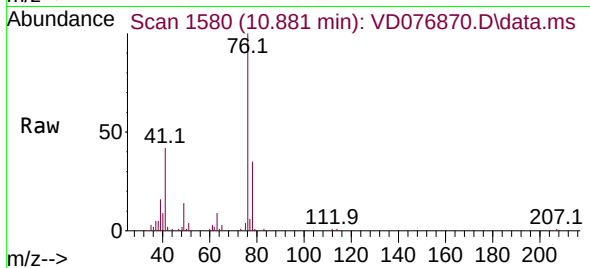
78 32.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 112.122 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076870.D

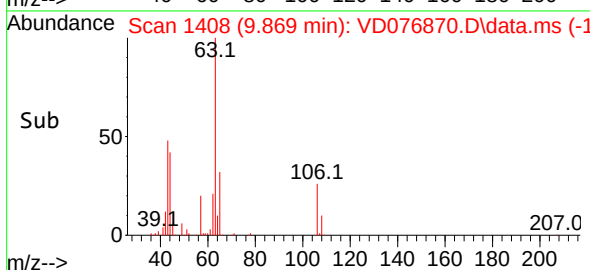
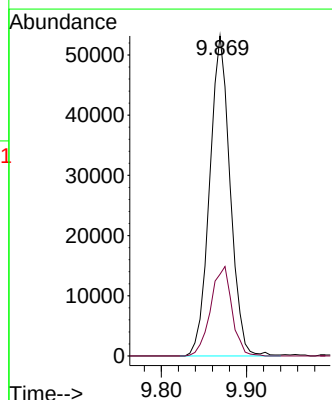
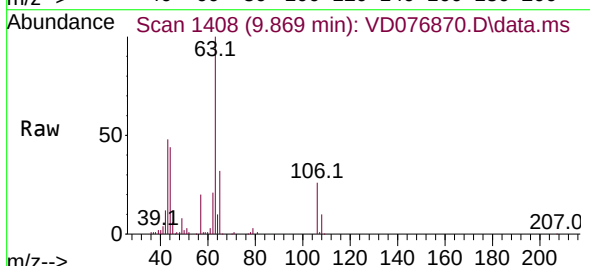
Acq: 31 Jul 2023 13:11

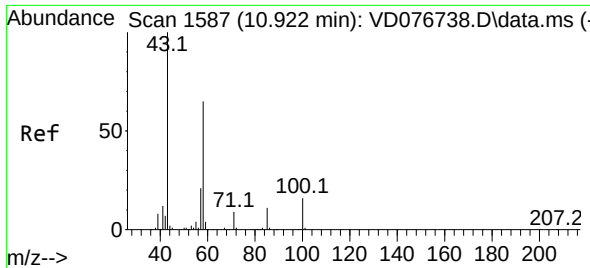
Tgt Ion: 63 Resp: 88849

Ion Ratio Lower Upper

63 100

106 29.0 25.3 37.9





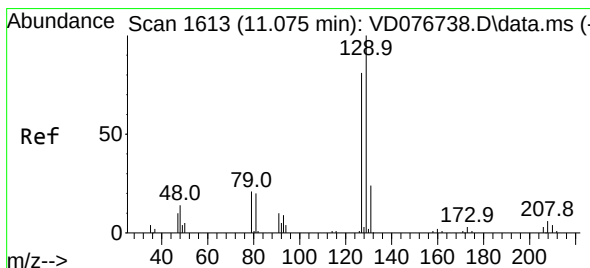
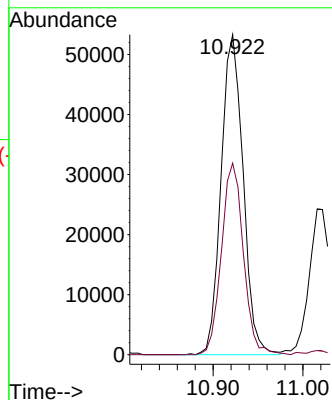
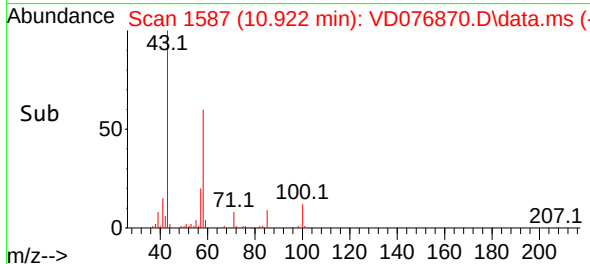
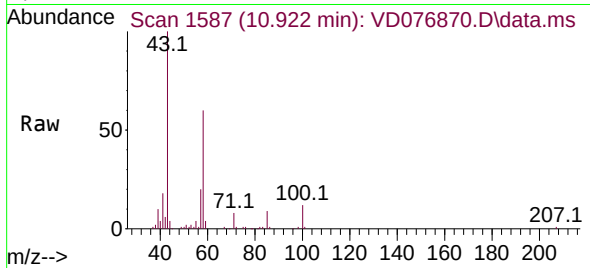
#59
2-Hexanone
Concen: 107.441 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion: 43 Resp: 90768
Ion Ratio Lower Upper
43 100
58 59.7 34.1 102.2

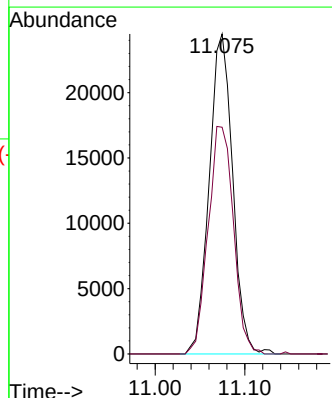
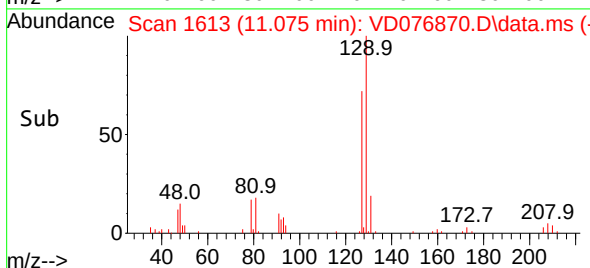
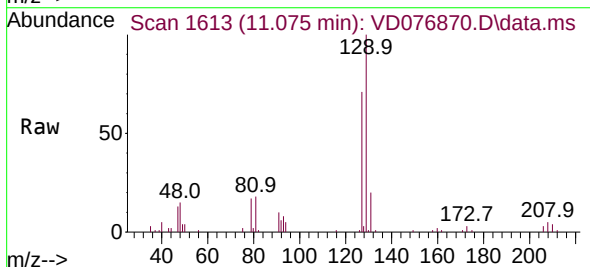
Manual Integrations
APPROVED

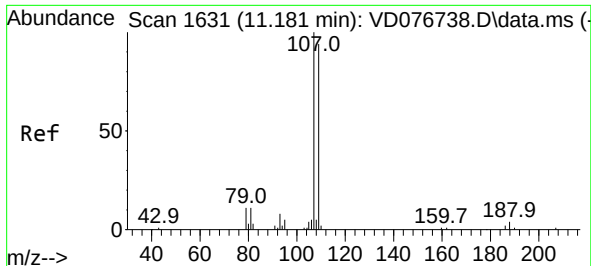
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
Dibromochloromethane
Concen: 21.576 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Tgt Ion:129 Resp: 44458
Ion Ratio Lower Upper
129 100
127 76.4 37.1 111.5





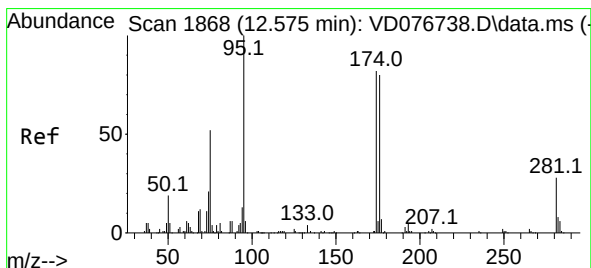
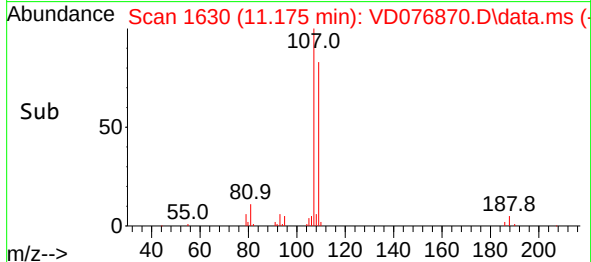
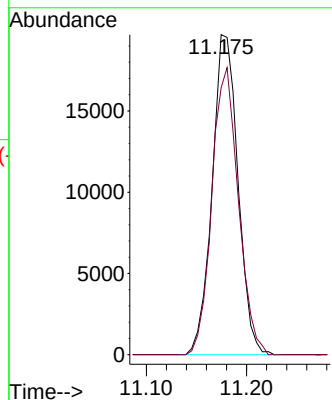
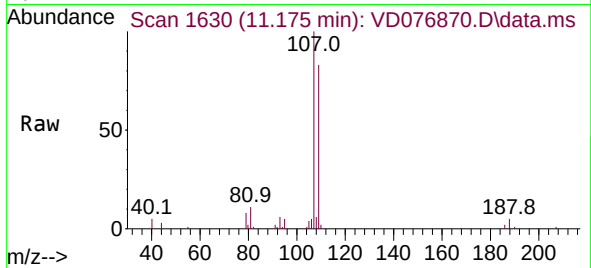
#61
1,2-Dibromoethane
Concen: 21.391 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion:107 Resp: 35170
Ion Ratio Lower Upper
107 100
109 91.7 75.6 113.4

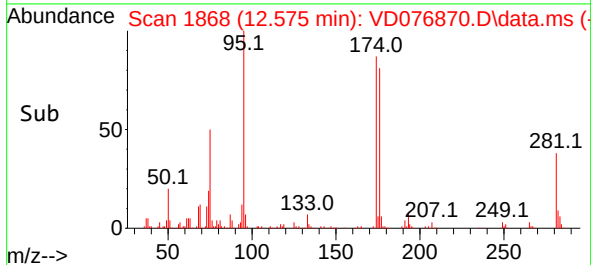
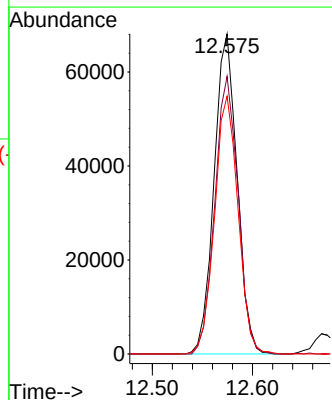
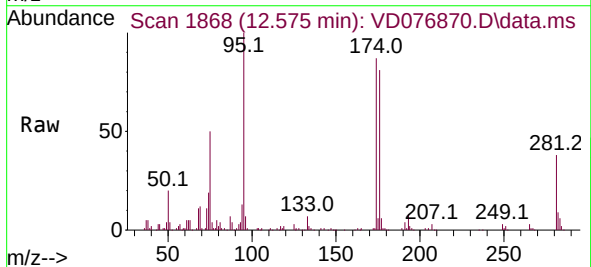
Manual Integrations
APPROVED

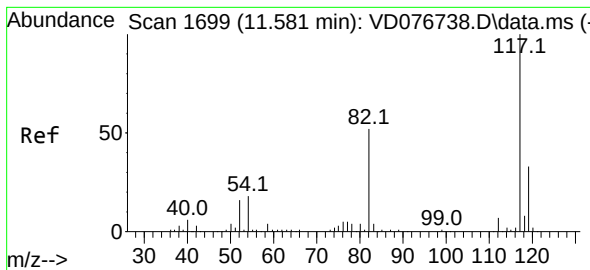
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#62
4-Bromofluorobenzene
Concen: 48.099 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

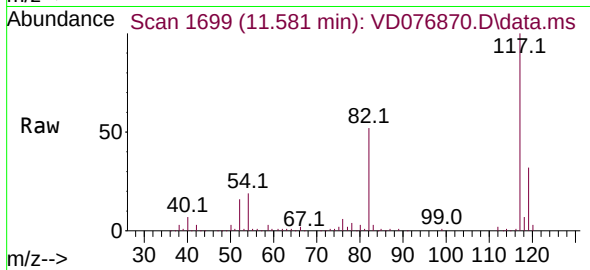
Tgt Ion: 95 Resp: 108532
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 82.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

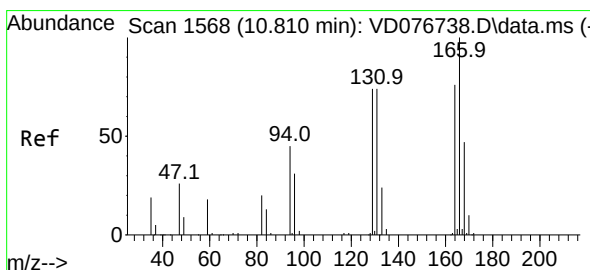
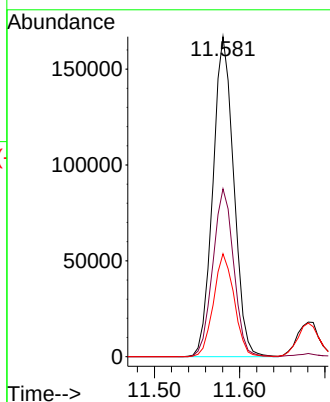
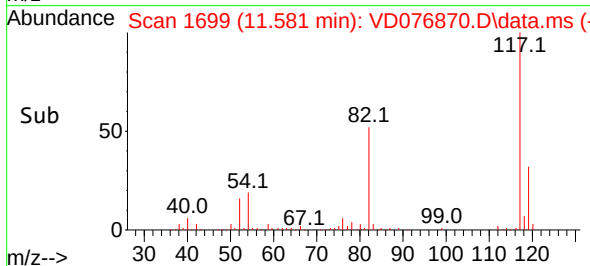
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



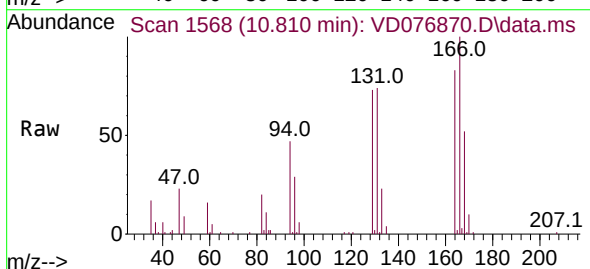
Tgt Ion:117 Resp: 284400
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 32.2 25.0 37.4

Manual Integrations
APPROVED

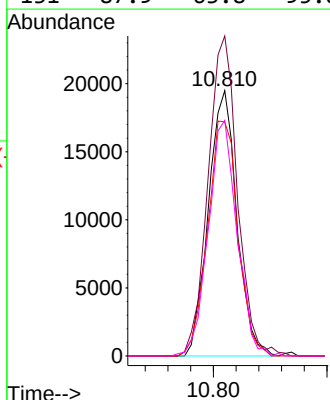
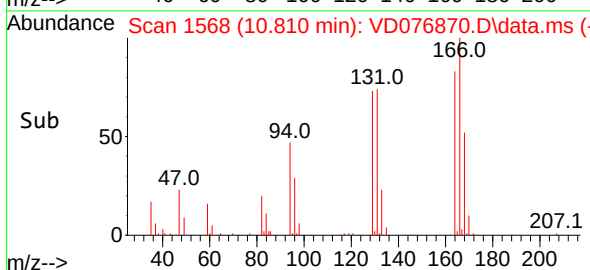
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

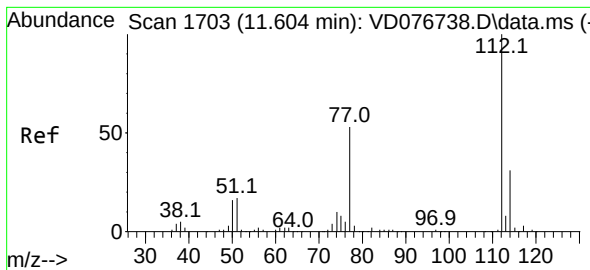


#64
Tetrachloroethene
Concen: 20.964 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



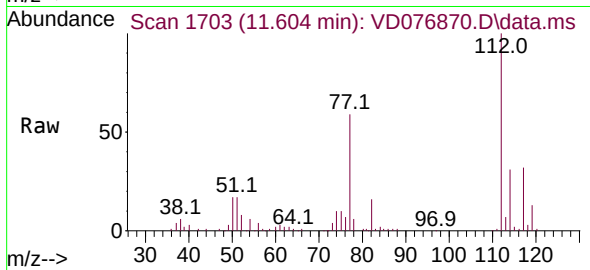
Tgt Ion:164 Resp: 33998
Ion Ratio Lower Upper
164 100
166 120.6 99.2 148.8
129 88.2 68.4 102.6
131 87.9 63.8 95.8





#65
Chlorobenzene
Concen: 20.875 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

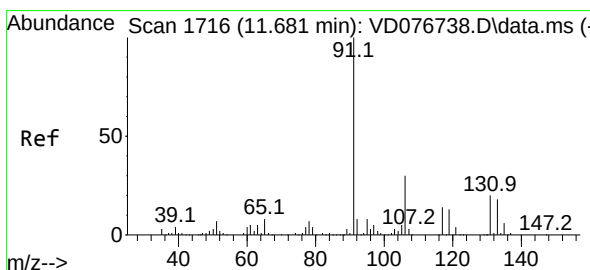
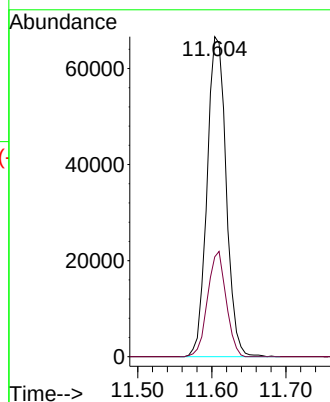
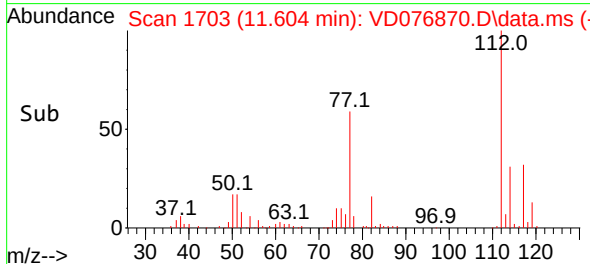
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion:112 Resp: 11940
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

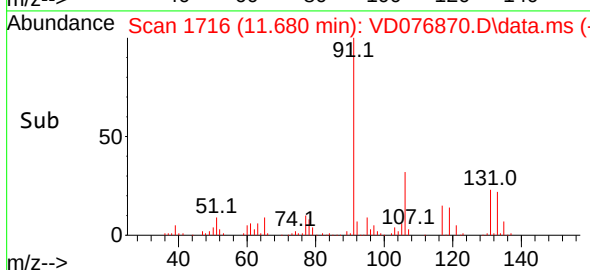
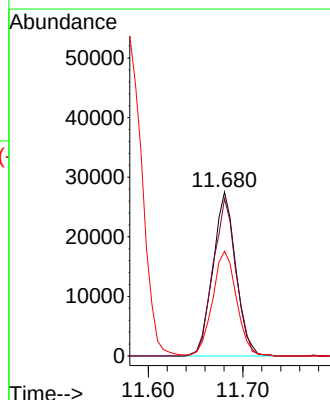
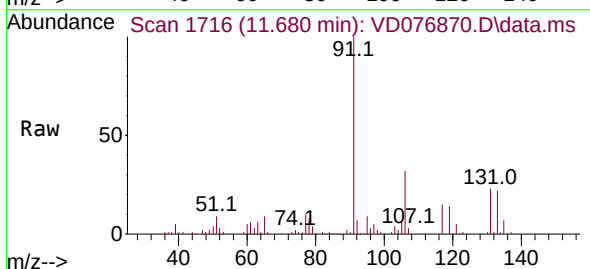
Manual Integrations
APPROVED

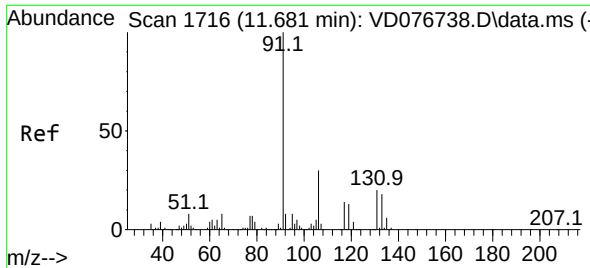
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.681 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

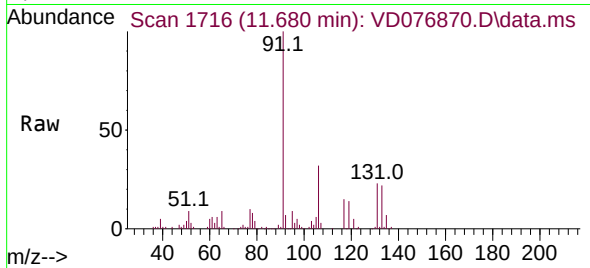
Tgt Ion:131 Resp: 46170
Ion Ratio Lower Upper
131 100
133 96.8 48.5 145.5
119 67.3 35.6 106.9





#67
Ethyl Benzene
Concen: 20.268 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

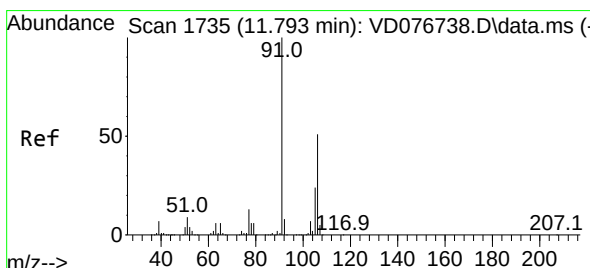
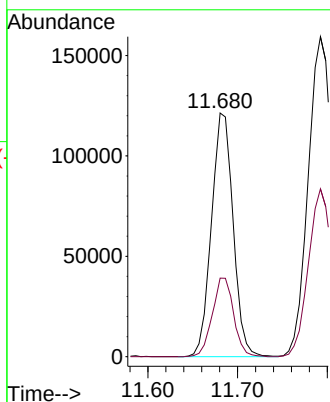
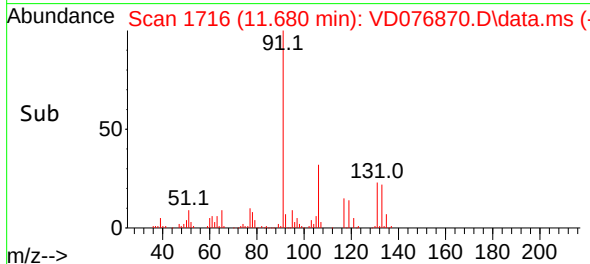
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



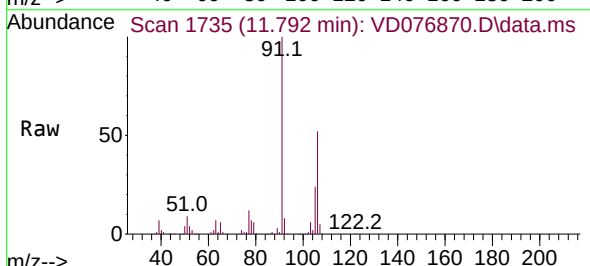
Tgt Ion: 91 Resp: 20359
Ion Ratio Lower Upper
91 100
106 32.2 26.5 39.7

Manual Integrations
APPROVED

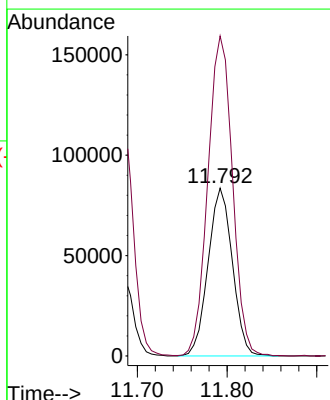
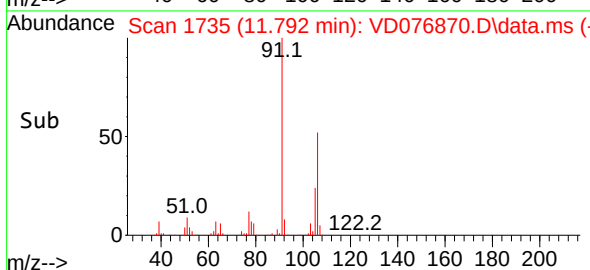
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

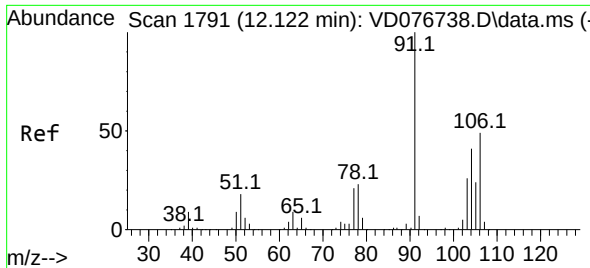


#68
m/p-Xylenes
Concen: 40.724 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



Tgt Ion:106 Resp: 157112
Ion Ratio Lower Upper
106 100
91 193.7 147.0 220.6





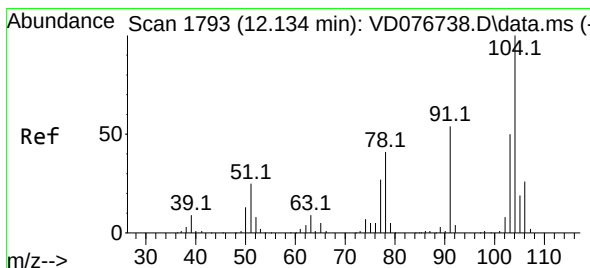
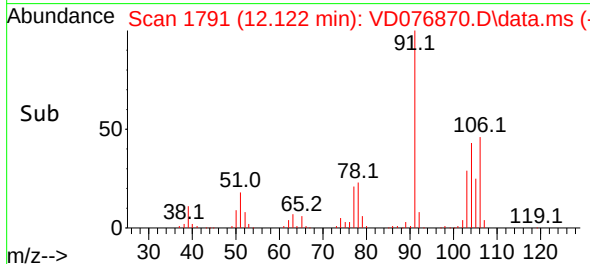
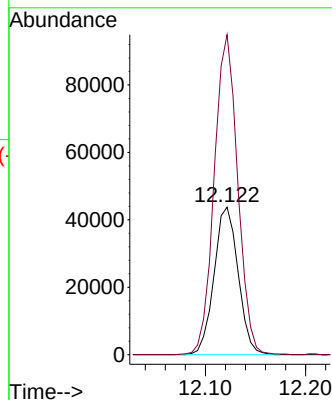
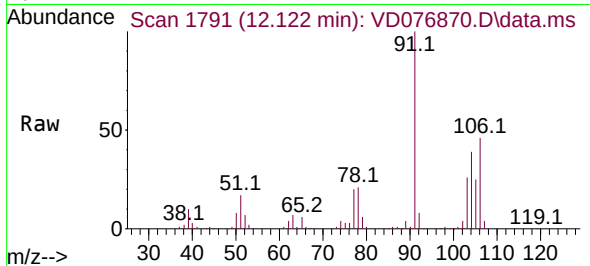
#69
o-Xylene
Concen: 19.560 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion:106 Resp: 72972
Ion Ratio Lower Upper
106 100
91 211.9 97.9 293.6

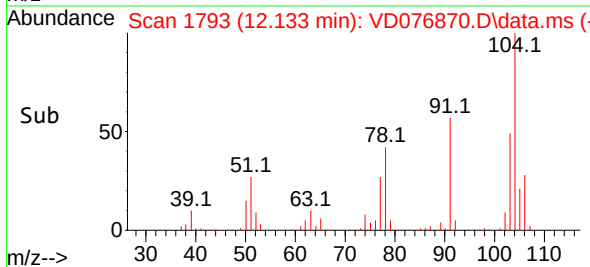
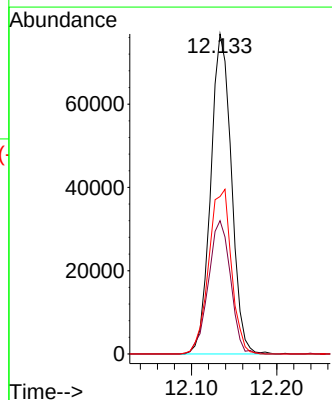
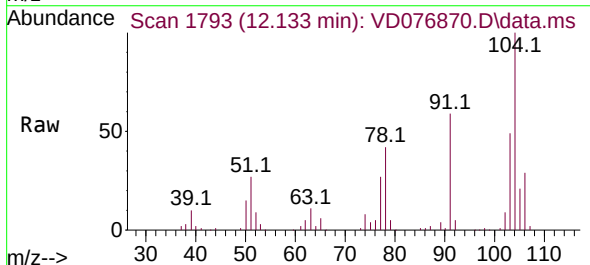
Manual Integrations
APPROVED

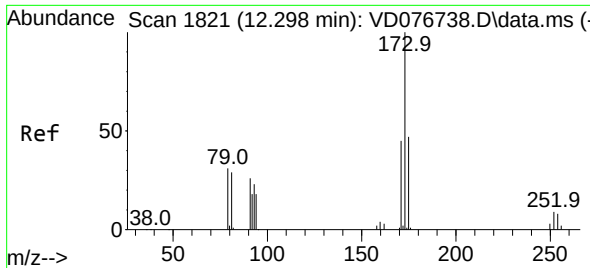
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#70
Styrene
Concen: 19.859 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

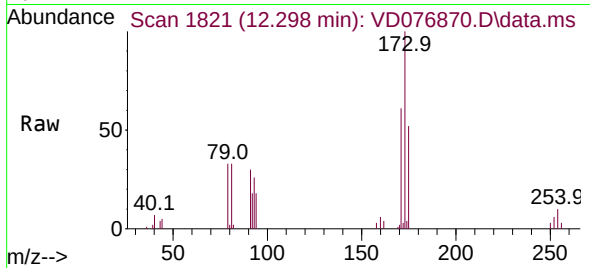
Tgt Ion:104 Resp: 129695
Ion Ratio Lower Upper
104 100
78 44.6 33.2 49.8
103 56.4 43.6 65.4





#71
Bromoform
Concen: 21.663 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

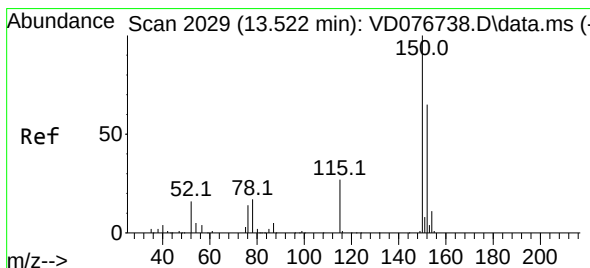
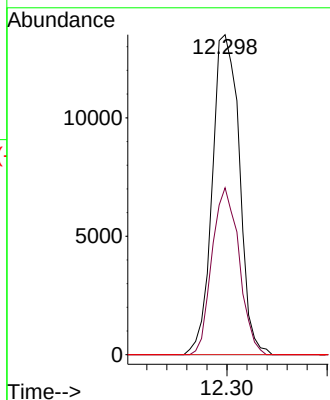
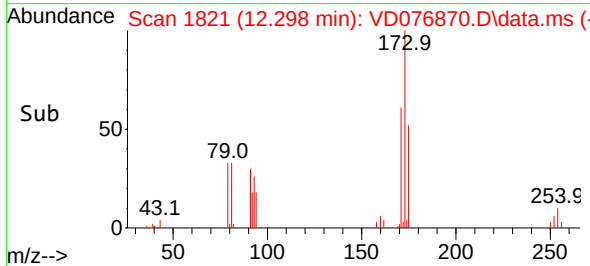
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



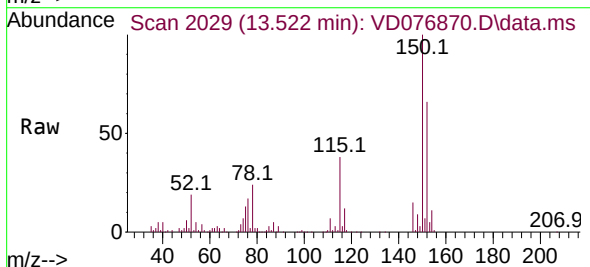
Tgt Ion:173 Resp: 25260
Ion Ratio Lower Upper
173 100
175 52.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

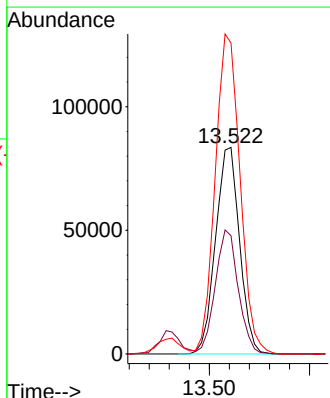
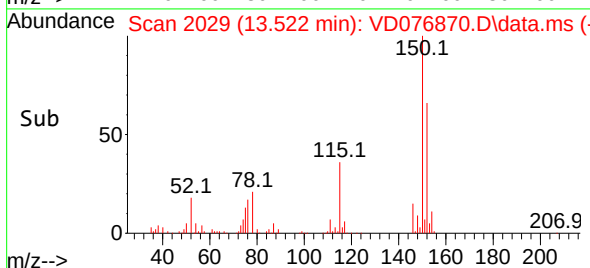
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

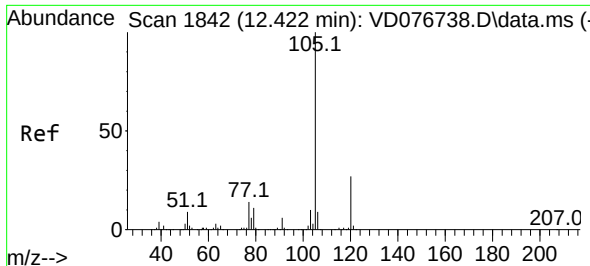


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



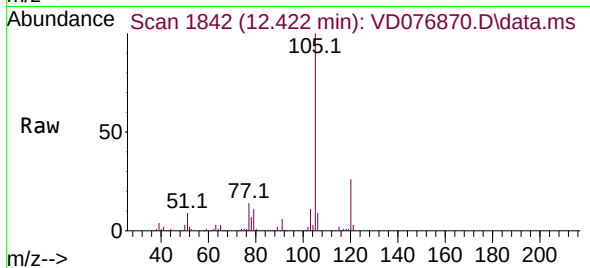
Tgt Ion:152 Resp: 138545
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 160.7 0.0 353.6





#73
Isopropylbenzene
Concen: 19.674 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

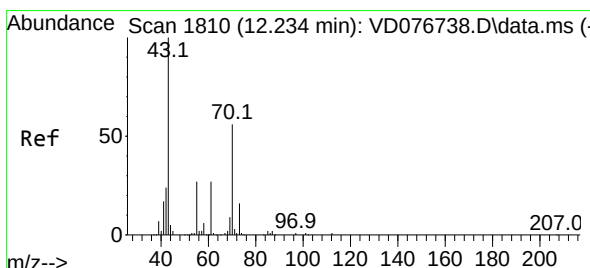
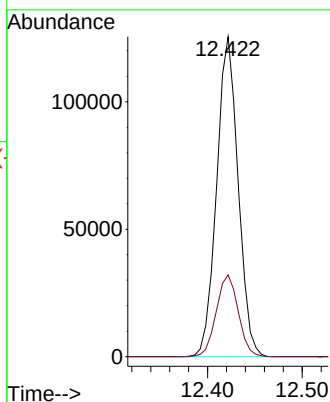
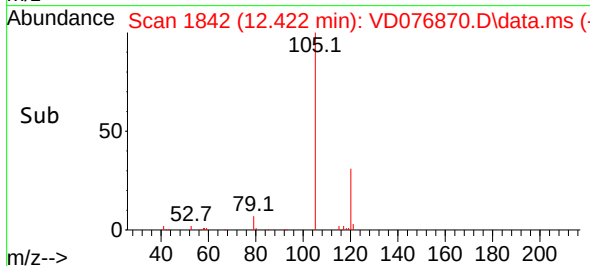
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



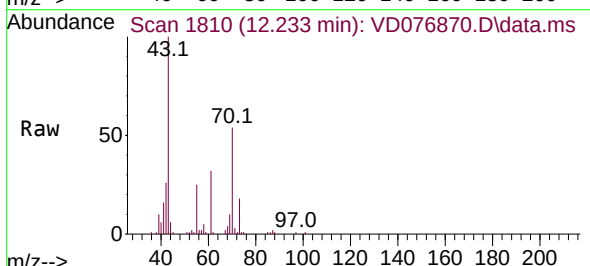
Tgt Ion:105 Resp: 19775
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9

Manual Integrations
APPROVED

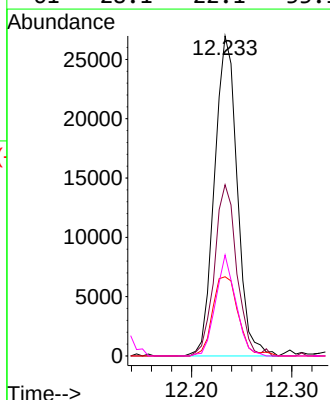
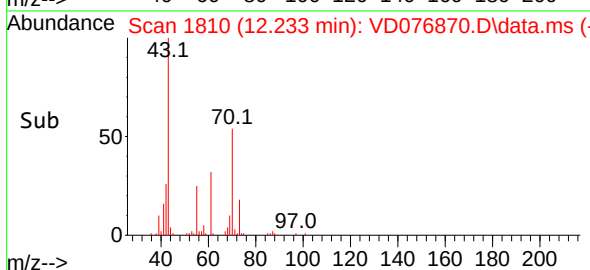
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

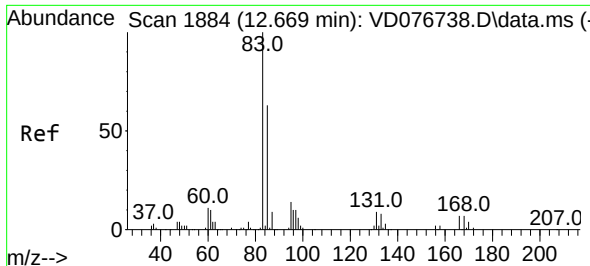


#74
N-ethyl acetate
Concen: 19.999 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



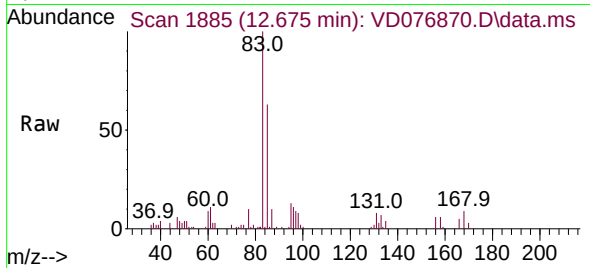
Tgt Ion: 43 Resp: 42350
Ion Ratio Lower Upper
43 100
70 52.9 45.0 67.4
55 28.0 23.8 35.6
61 28.1 22.1 33.1





#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.487 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11

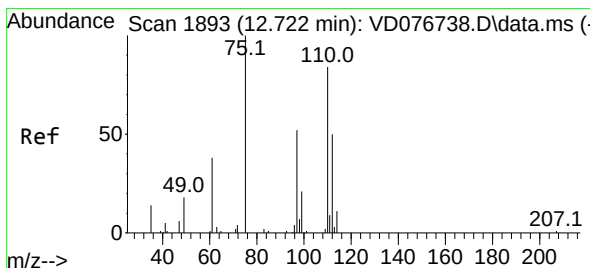
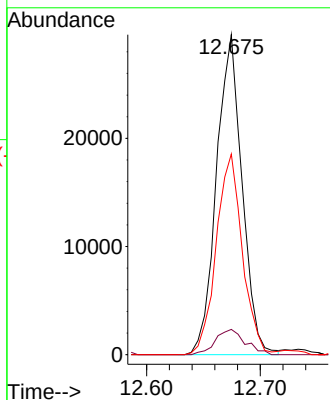
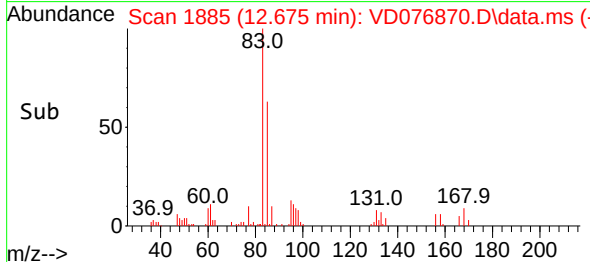
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS01



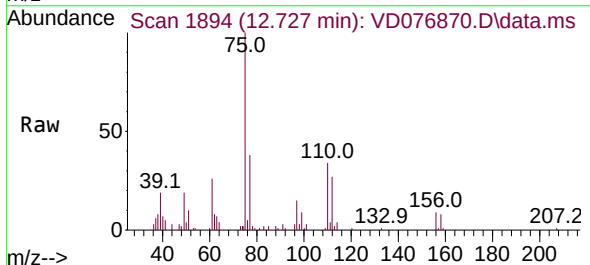
Tgt Ion: 83 Resp: 4637
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 63.9 32.6 97.8

Manual Integrations
 APPROVED

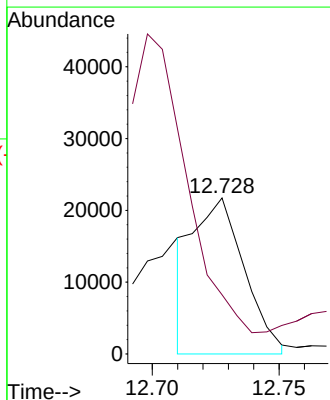
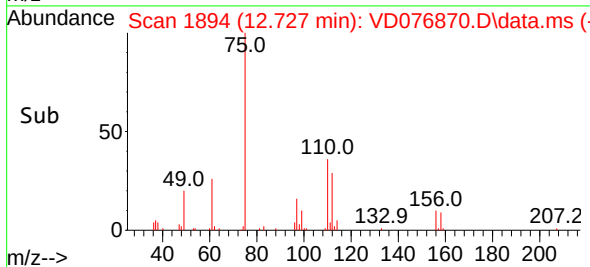
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

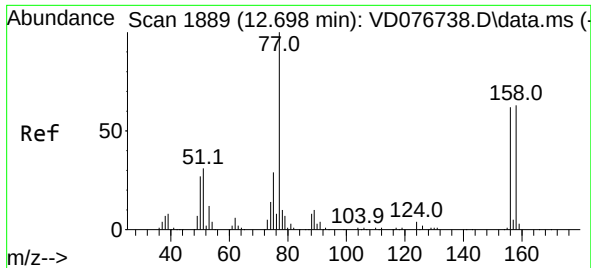


#76
 1,2,3-Trichloropropane
 Concen: 23.159 ug/l m
 RT: 12.727 min Scan# 1894
 Delta R.T. 0.005 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11



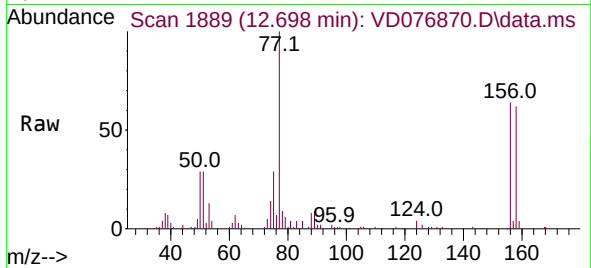
Tgt Ion: 75 Resp: 30513
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.527 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

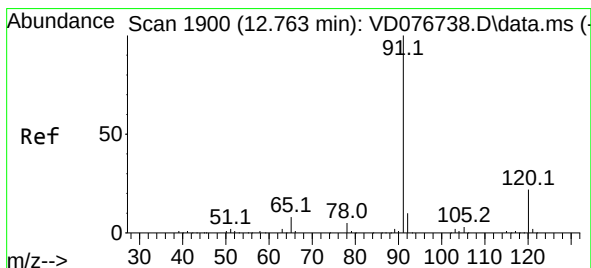
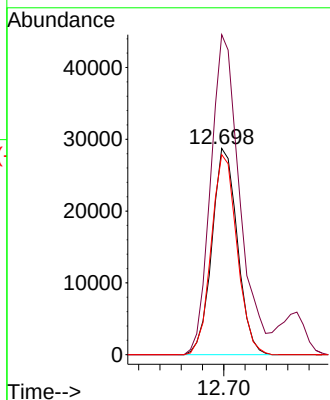
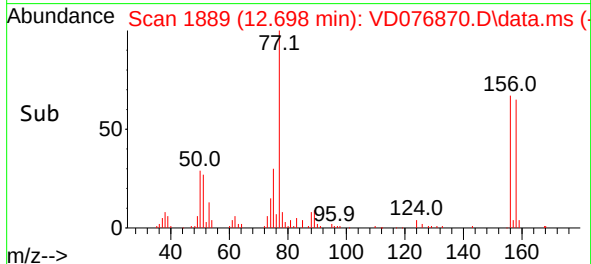
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



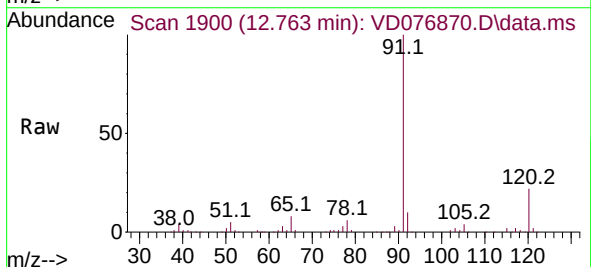
Tgt Ion:156 Resp: 4762
Ion Ratio Lower Upper
156 100
77 177.5 76.8 230.4
158 98.1 48.6 145.9

Manual Integrations
APPROVED

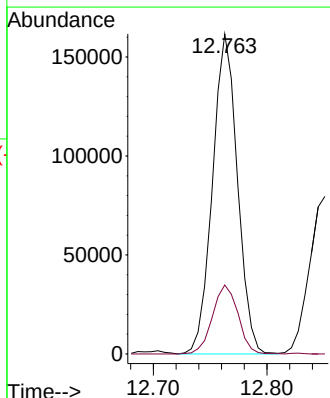
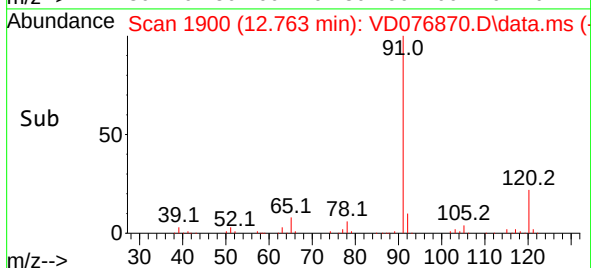
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

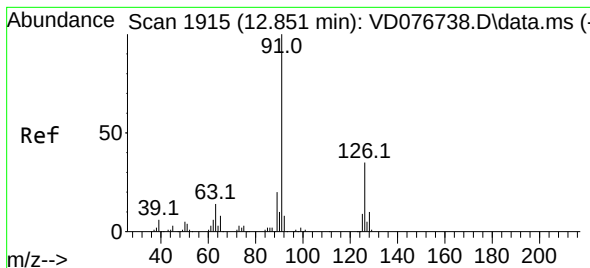


#78
n-propylbenzene
Concen: 20.241 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



Tgt Ion: 91 Resp: 246650
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2





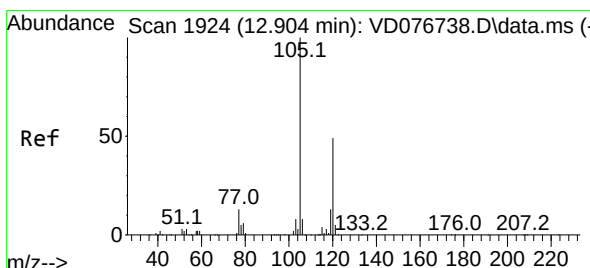
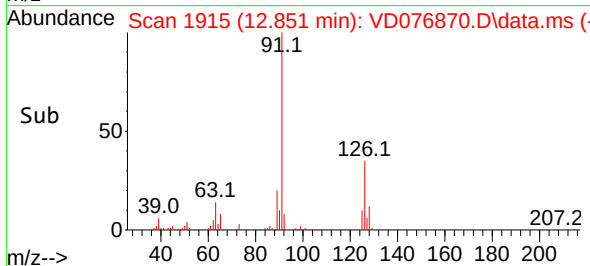
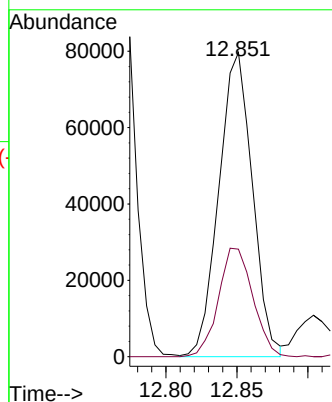
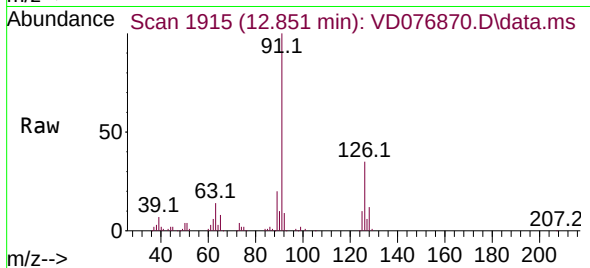
#79
2-Chlorotoluene
Concen: 19.620 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion: 91 Resp: 13109
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1

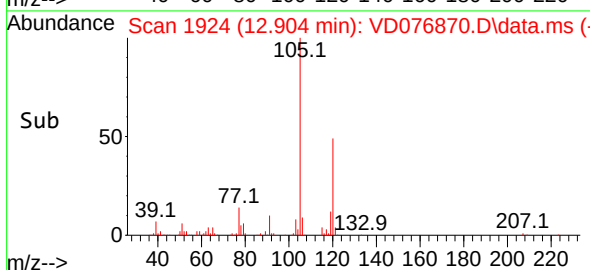
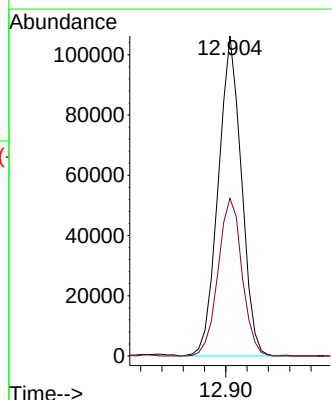
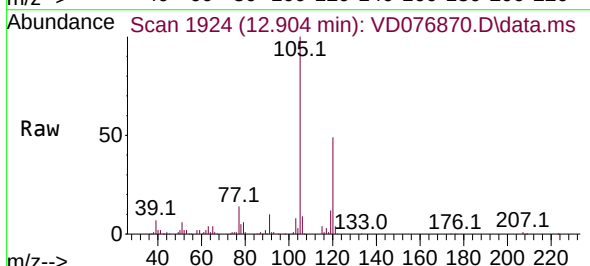
Manual Integrations
APPROVED

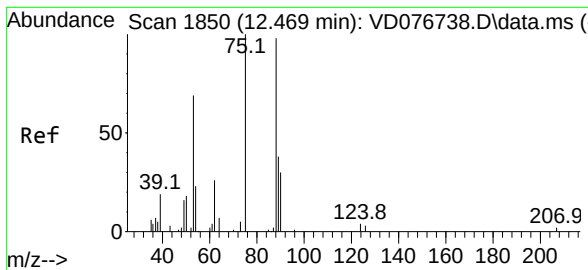
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.705 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

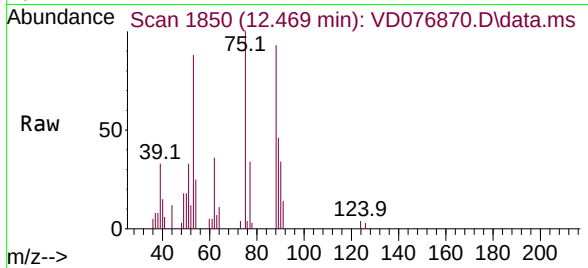
Tgt Ion:105 Resp: 160161
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.448 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

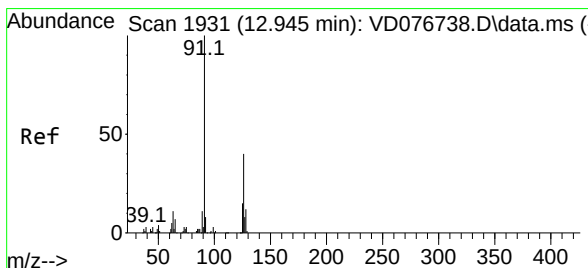
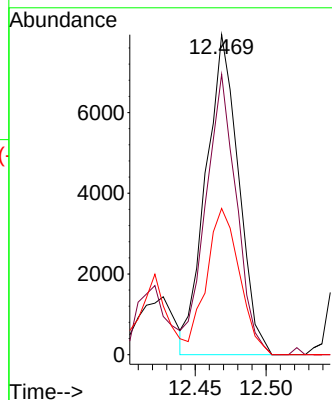
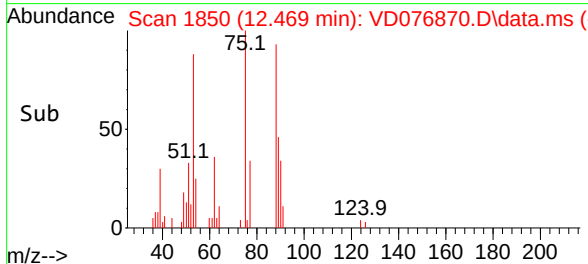
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



Tgt Ion: 75 Resp: 12659
Ion Ratio Lower Upper
75 100
53 82.3 63.0 94.4
89 45.9 37.9 56.9

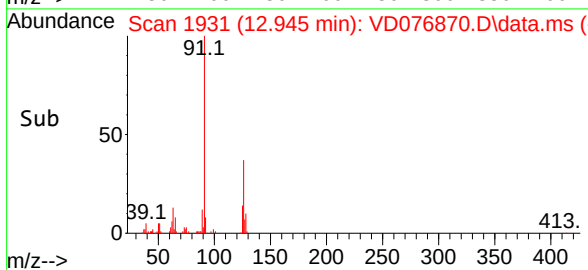
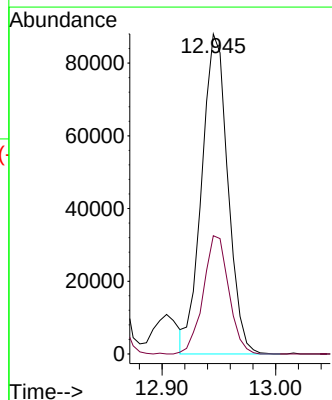
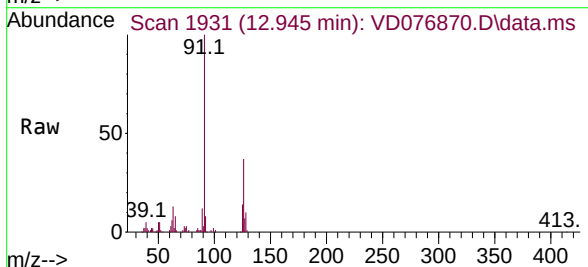
Manual Integrations
APPROVED

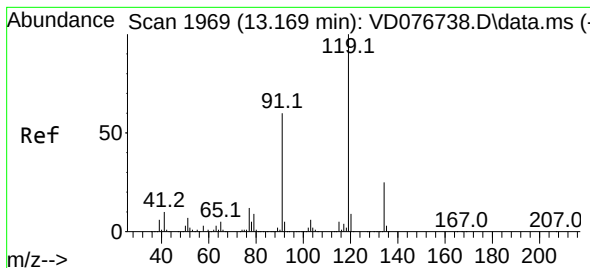
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#82
4-Chlorotoluene
Concen: 20.156 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

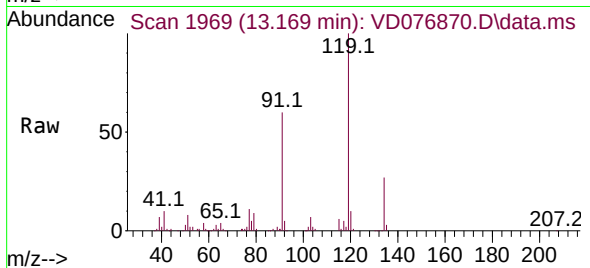
Tgt Ion: 91 Resp: 140695
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.339 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

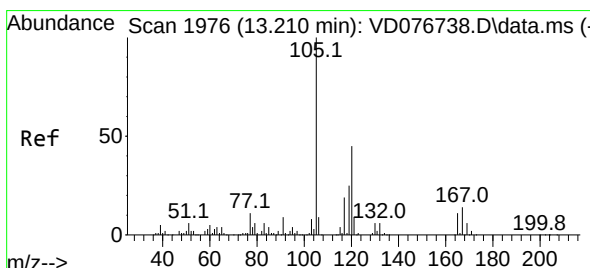
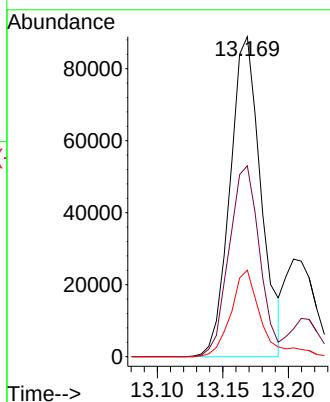
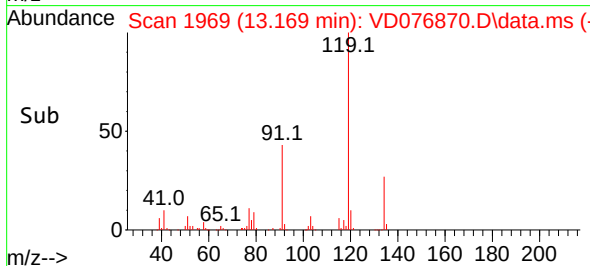
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



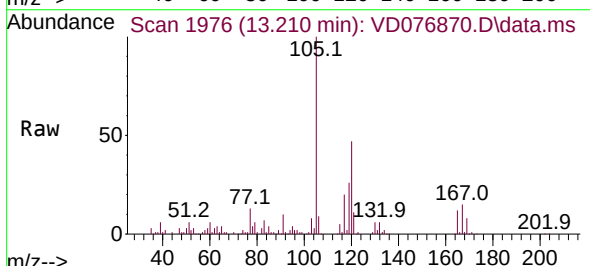
Tgt Ion:119 Resp: 145554
Ion Ratio Lower Upper
119 100
91 59.0 29.3 87.8
134 26.8 14.1 42.3

Manual Integrations
APPROVED

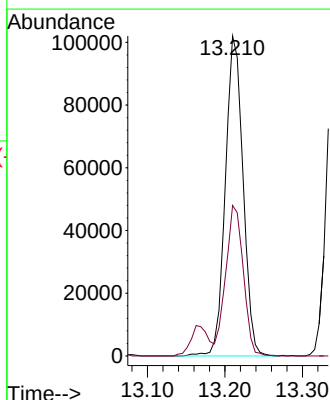
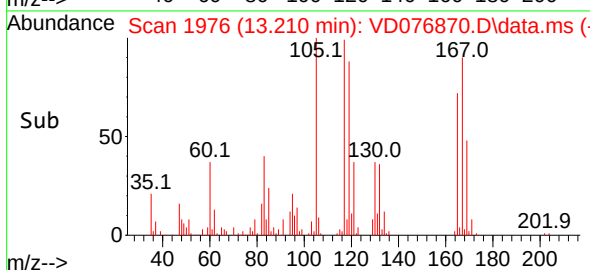
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

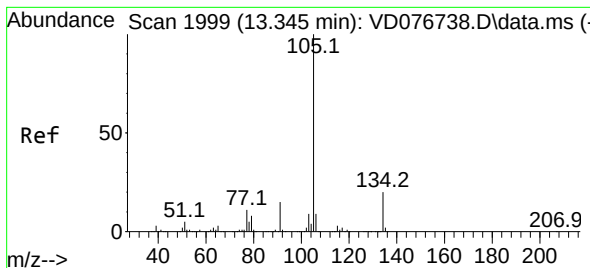


#84
1,2,4-Trimethylbenzene
Concen: 19.509 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



Tgt Ion:105 Resp: 162038
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9





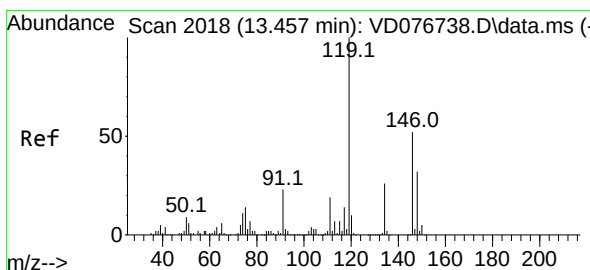
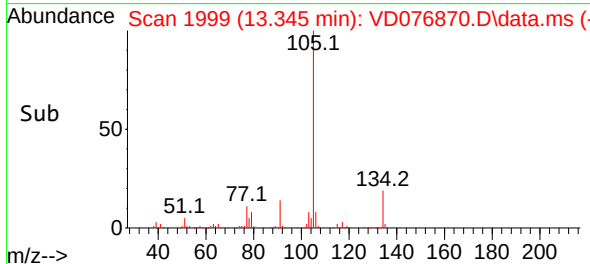
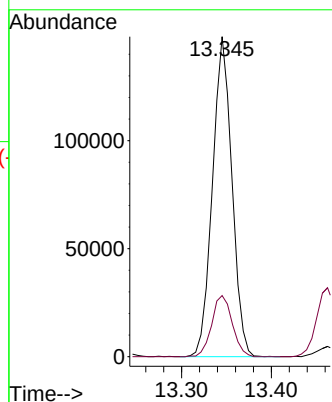
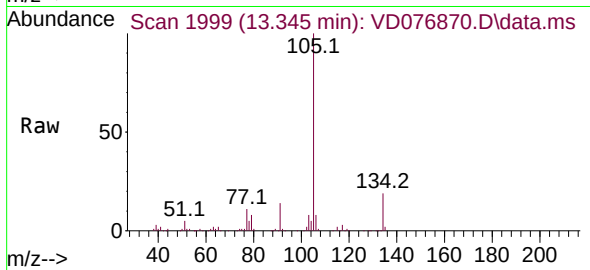
#85
 sec-Butylbenzene
 Concen: 20.384 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS01

Tgt Ion:105 Resp: 222878
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

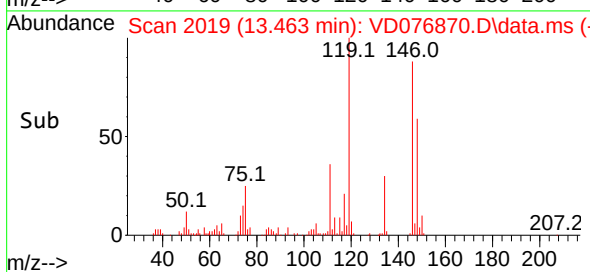
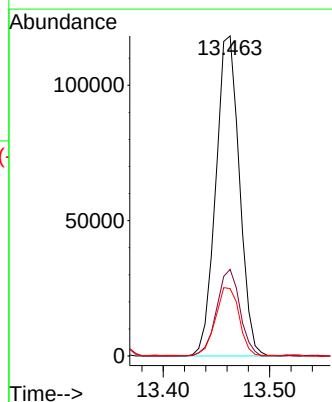
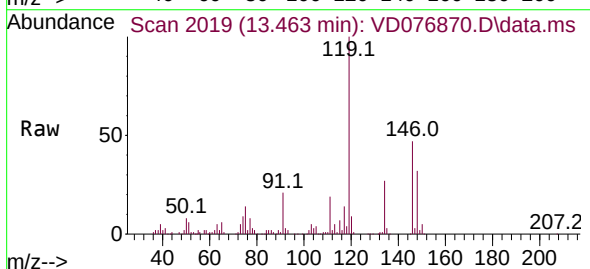
Manual Integrations
 APPROVED

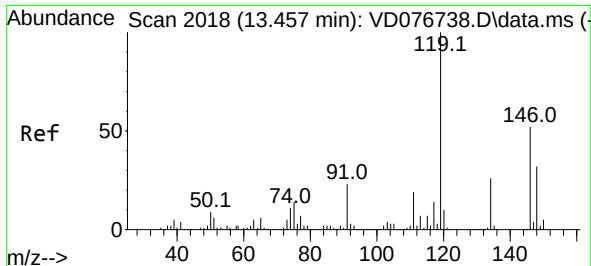
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#86
 p-Isopropyltoluene
 Concen: 20.096 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076870.D
 Acq: 31 Jul 2023 13:11

Tgt Ion:119 Resp: 181464
 Ion Ratio Lower Upper
 119 100
 134 26.7 14.2 42.6
 91 21.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.482 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion:146 Resp: 9774

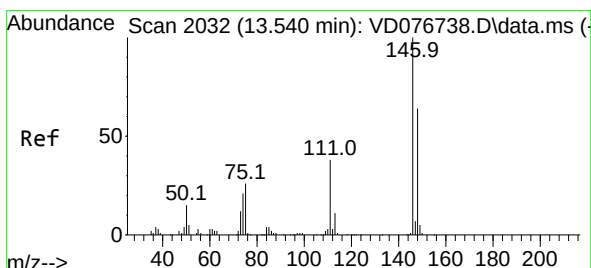
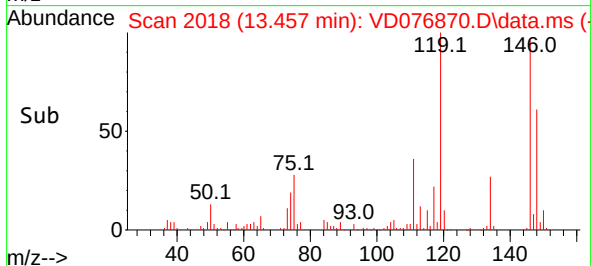
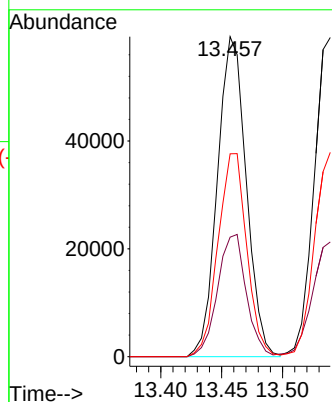
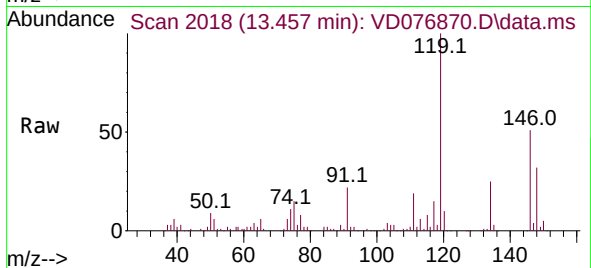
Ion	Ratio	Lower	Upper
146	100		
111	38.2	17.9	53.8
148	63.3	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#88

1,4-Dichlorobenzene

Concen: 20.930 ug/l

RT: 13.539 min Scan# 2032

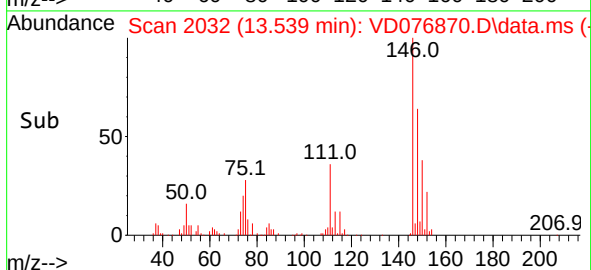
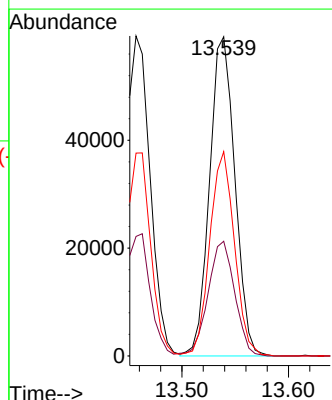
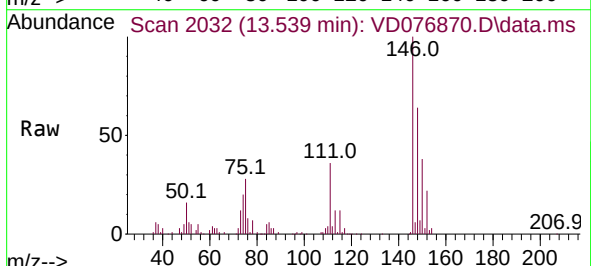
Delta R.T. -0.001 min

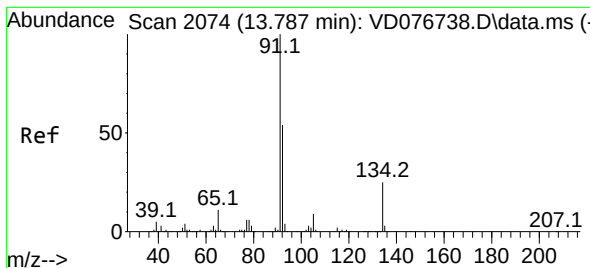
Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Tgt Ion:146 Resp: 97861

Ion	Ratio	Lower	Upper
146	100		
111	37.8	17.4	52.3
148	62.4	31.7	95.1





#89

n-Butylbenzene

Concen: 20.116 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.001 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

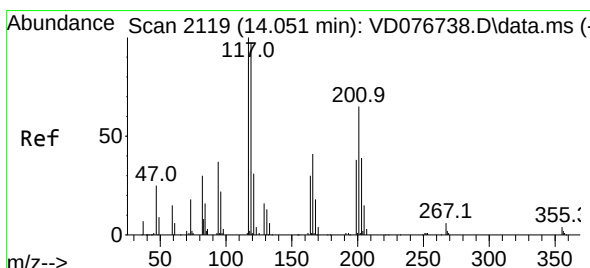
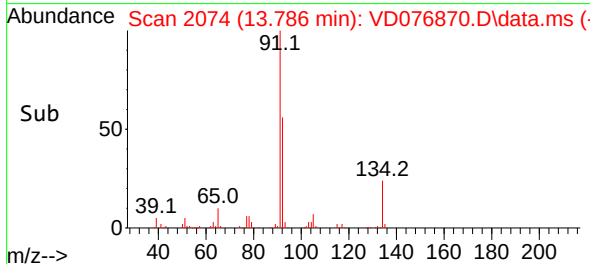
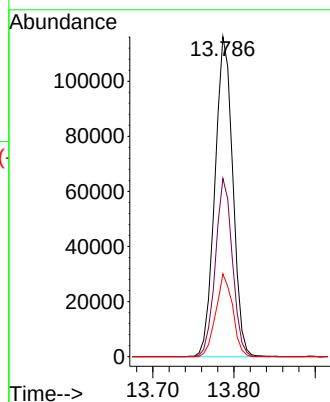
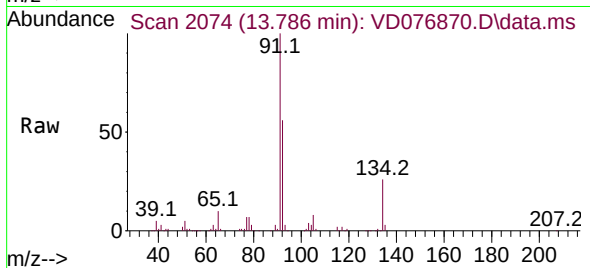
Tgt Ion:	91	Resp:	17774
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.5	79.5
134	24.4	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#90

Hexachloroethane

Concen: 21.489 ug/l

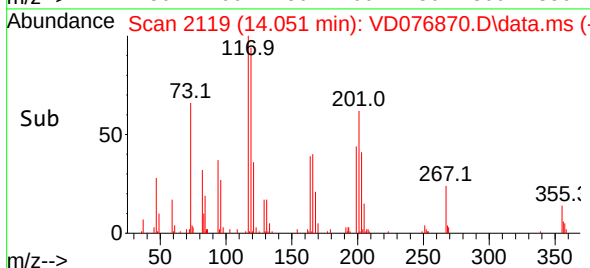
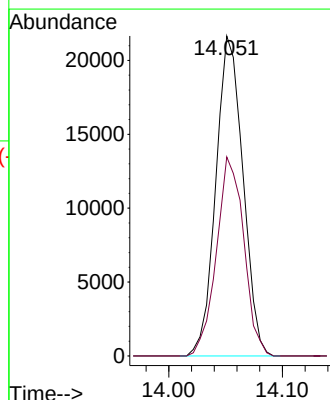
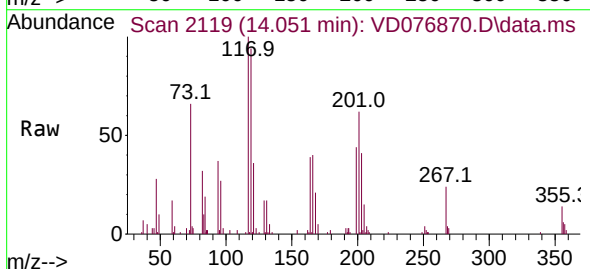
RT: 14.051 min Scan# 2119

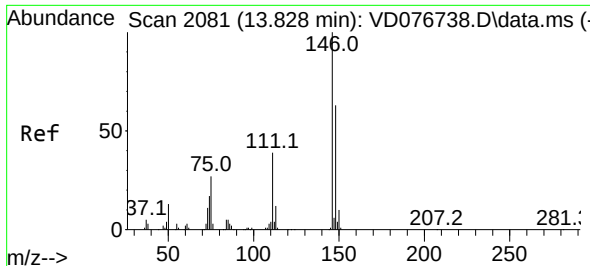
Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Tgt Ion:	117	Resp:	35873
Ion Ratio	Lower	Upper	
117	100		
201	62.8	38.5	115.5





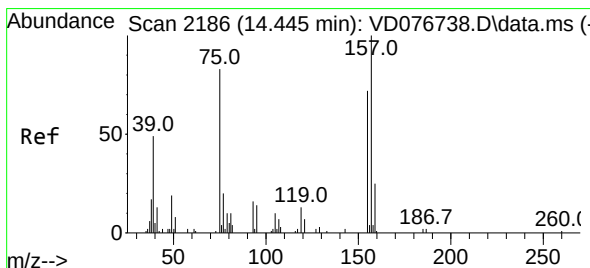
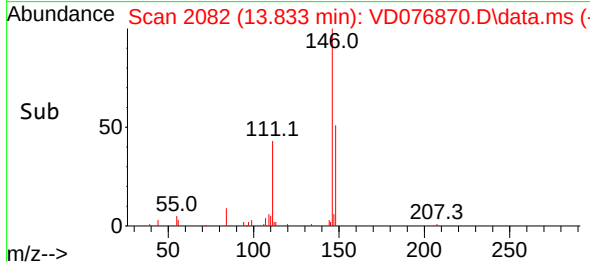
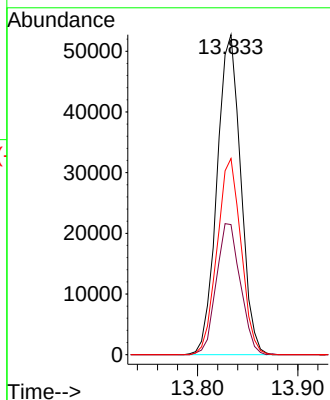
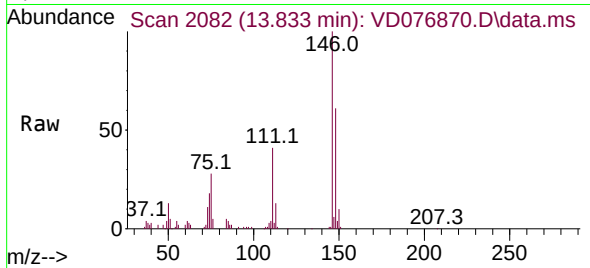
#91
1,2-Dichlorobenzene
Concen: 20.569 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.005 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion:146 Resp: 8649
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 61.8 31.6 94.7

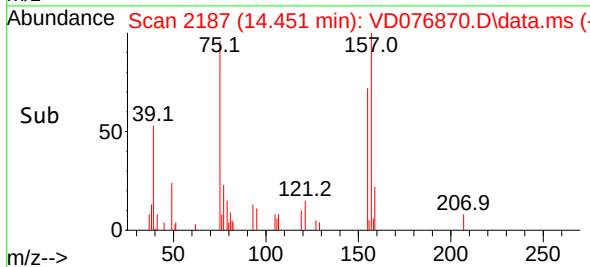
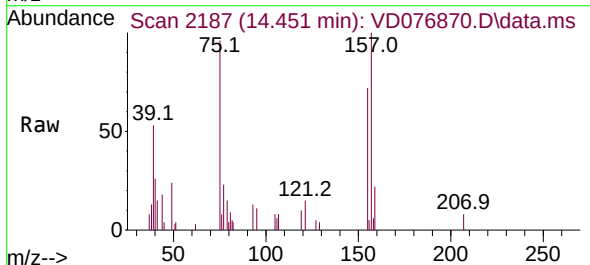
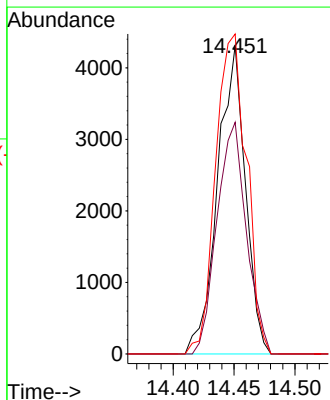
Manual Integrations
APPROVED

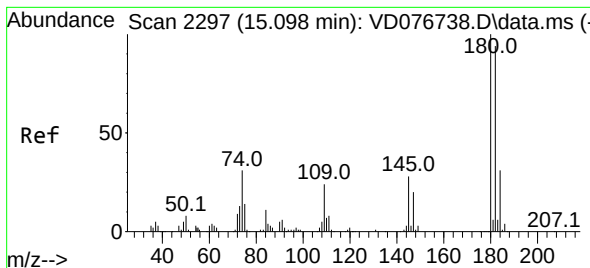
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.199 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 75 Resp: 6831
Ion Ratio Lower Upper
75 100
155 79.7 47.9 143.8
157 115.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.813 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

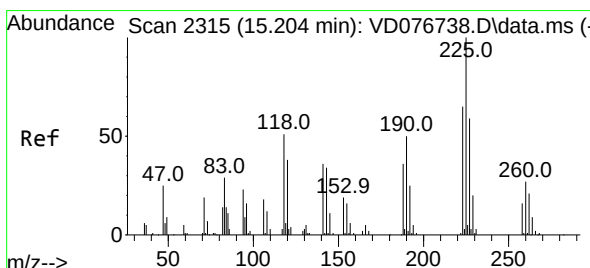
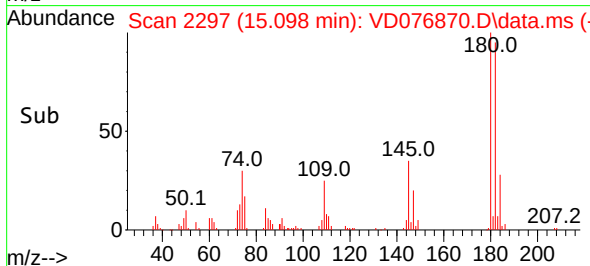
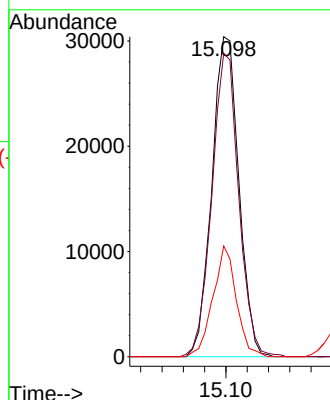
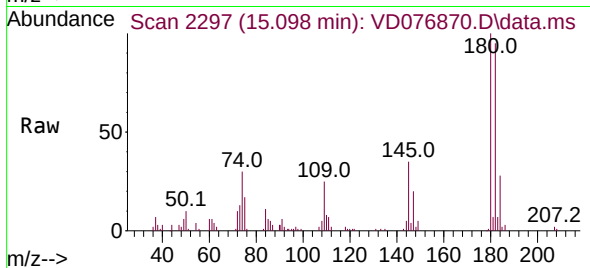
Tgt Ion:180	Resp:	5343
Ion Ratio	Lower	Upper
180	100	
182	94.5	48.5 145.6
145	30.0	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#94

Hexachlorobutadiene

Concen: 20.683 ug/l

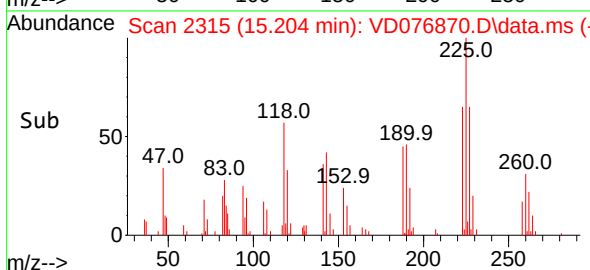
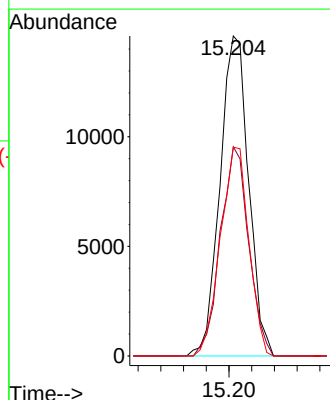
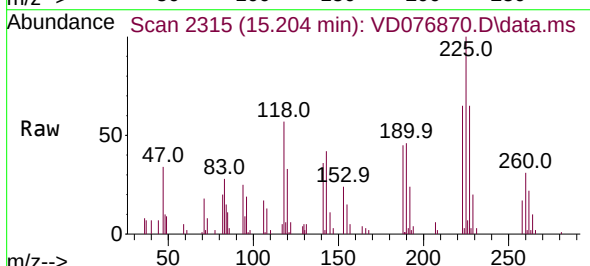
RT: 15.204 min Scan# 2315

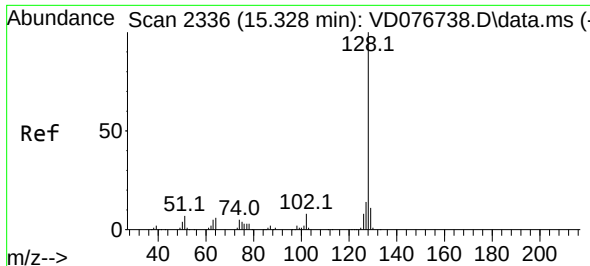
Delta R.T. -0.000 min

Lab File: VD076870.D

Acq: 31 Jul 2023 13:11

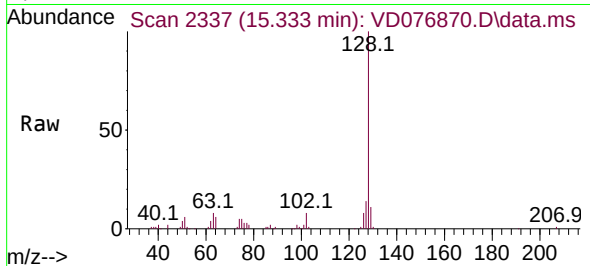
Tgt Ion:225	Resp:	25537
Ion Ratio	Lower	Upper
225	100	
223	64.5	31.6 94.8
227	64.5	31.7 95.1





#95
Naphthalene
Concen: 19.784 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11

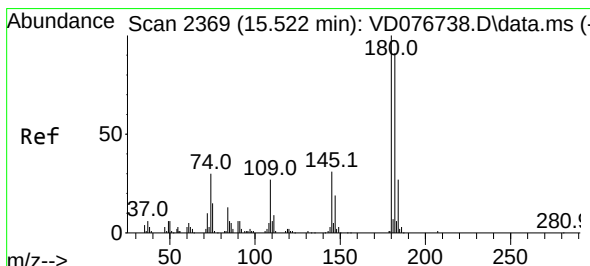
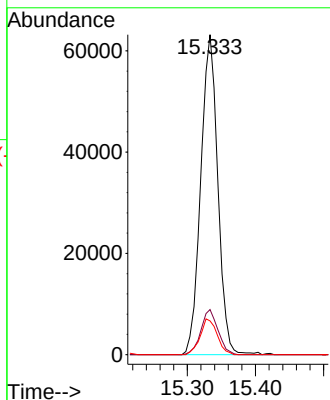
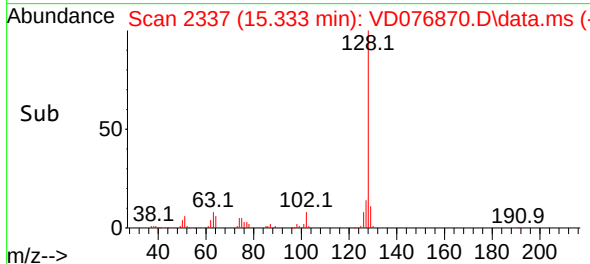
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01



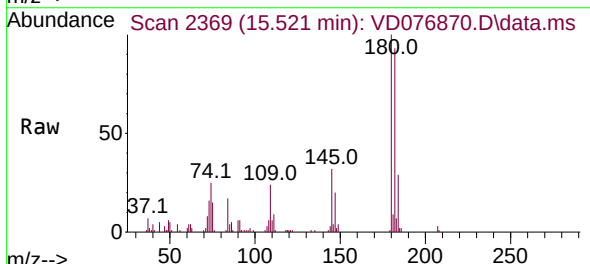
Tgt Ion:128 Resp: 10997
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.396 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD076870.D
Acq: 31 Jul 2023 13:11



Tgt Ion:180 Resp: 46989
Ion Ratio Lower Upper
180 100
182 92.4 47.3 141.9
145 33.1 15.1 45.3

