

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076844.D
 Acq On : 27 Jul 2023 20:02
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 28 03:01:25 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 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	166008	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	308824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79339	47.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.799	113	94640	48.767	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.540%		
50) Toluene-d8	10.269	98	308181	44.390	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.780%		
62) 4-Bromofluorobenzene	12.575	95	107623	47.920	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	62964	48.503	ug/l	94
3) Chloromethane	2.146	50	115788	51.706	ug/l	97
4) Vinyl Chloride	2.270	62	152677	51.146	ug/l	99
5) Bromomethane	2.675	94	102376	41.682	ug/l	100
6) Chloroethane	2.822	64	113470	50.345	ug/l	97
7) Trichlorofluoromethane	3.158	101	140884	53.040	ug/l	97
8) Diethyl Ether	3.587	74	47700	52.158	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.952	101	88450	50.658	ug/l	96
10) Methyl Iodide	4.146	142	96230	48.892	ug/l	93
11) Tert butyl alcohol	5.075	59	36343	294.548	ug/l	95
12) 1,1-Dichloroethene	3.922	96	78428	47.810	ug/l	90
13) Acrolein	3.793	56	12708	151.137	ug/l	98
14) Allyl chloride	4.552	41	105877	49.132	ug/l	91
15) Acrylonitrile	5.240	53	122612	272.976	ug/l	99
16) Acetone	4.022	43	90694	229.670	ug/l	96
17) Carbon Disulfide	4.258	76	171578	44.782	ug/l	98
18) Methyl Acetate	4.564	43	93259	62.858	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	232789	52.918	ug/l	100
20) Methylene Chloride	4.787	84	145571	64.998	ug/l	95
21) trans-1,2-Dichloroethene	5.299	96	93225	48.891	ug/l	98
22) Diisopropyl ether	6.211	45	269398	52.793	ug/l	94
23) Vinyl Acetate	6.146	43	629891	249.479	ug/l	93
24) 1,1-Dichloroethane	6.099	63	180030	52.326	ug/l	96
25) 2-Butanone	7.081	43	144970	274.305	ug/l	# 86
26) 2,2-Dichloropropane	7.069	77	136802	46.126	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	121503	51.689	ug/l	96
28) Bromochloromethane	7.422	49	40521	47.108	ug/l	90
29) Tetrahydrofuran	7.446	42	90039	288.349	ug/l	93
30) Chloroform	7.587	83	205582	54.555	ug/l	93
31) Cyclohexane	7.869	56	110631	45.463	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	161041	52.967	ug/l	98
36) 1,1-Dichloropropene	7.999	75	127462	50.263	ug/l	98
37) Ethyl Acetate	7.169	43	62092	54.750	ug/l	96
38) Carbon Tetrachloride	7.987	117	127069	52.331	ug/l	96
39) Methylcyclohexane	9.269	83	138983	47.465	ug/l	93
40) Benzene	8.246	78	398920	49.856	ug/l	96

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 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 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	32658	47.156	ug/l #	92
42) 1,2-Dichloroethane	8.322	62	115002	55.315	ug/l	96
43) Isopropyl Acetate	8.363	43	120921	54.634	ug/l	92
44) Trichloroethene	9.022	130	106895	49.025	ug/l	95
45) 1,2-Dichloropropane	9.299	63	108591	52.575	ug/l	97
46) Dibromomethane	9.387	93	65167	53.902	ug/l	90
47) Bromodichloromethane	9.581	83	158425	52.217	ug/l	93
48) Methyl methacrylate	9.375	41	53747	53.355	ug/l #	83
49) 1,4-Dioxane	9.381	88	17777	1147.655	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	339579	288.162	ug/l	93
52) Toluene	10.334	92	262884	50.023	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	145479	51.661	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	167838	50.571	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	92599	52.451	ug/l	94
56) Ethyl methacrylate	10.599	69	108257	53.128	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	149528	52.008	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	184329	233.700	ug/l	96
59) 2-Hexanone	10.922	43	233590	277.799	ug/l	91
60) Dibromochloromethane	11.075	129	110469	53.863	ug/l	93
61) 1,2-Dibromoethane	11.175	107	85533	52.257	ug/l	99
64) Tetrachloroethene	10.804	164	89163	54.221	ug/l	91
65) Chlorobenzene	11.604	112	292805	50.483	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	114065	52.823	ug/l	97
67) Ethyl Benzene	11.681	91	511423	50.208	ug/l	99
68) m/p-Xylenes	11.793	106	398512	101.868	ug/l	91
69) o-Xylene	12.122	106	194997	51.546	ug/l	93
70) Styrene	12.134	104	339170	51.216	ug/l	96
71) Bromoform	12.298	173	65413	55.310	ug/l #	99
73) Isopropylbenzene	12.422	105	516861	51.822	ug/l	95
74) N-amyl acetate	12.234	43	113509	54.021	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	113665	53.078	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	72873m	55.742	ug/l	
77) Bromobenzene	12.698	156	123446	53.621	ug/l	89
78) n-propylbenzene	12.763	91	618201	51.127	ug/l	97
79) 2-Chlorotoluene	12.851	91	343181	51.763	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	411621	51.040	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	30185	49.139	ug/l	95
82) 4-Chlorotoluene	12.945	91	350624	50.624	ug/l	95
83) tert-Butylbenzene	13.163	119	379323	53.419	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	414572	50.304	ug/l	97
85) sec-Butylbenzene	13.345	105	571956	52.720	ug/l	94
86) p-Isopropyltoluene	13.463	119	469685	52.421	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	242782	51.272	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	235915	50.851	ug/l	98
89) n-Butylbenzene	13.787	91	455800	51.987	ug/l	96
90) Hexachloroethane	14.051	117	95500	57.653	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	216078	51.786	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16696	54.681	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	134440	52.777	ug/l	97
94) Hexachlorobutadiene	15.204	225	63121	51.522	ug/l	97
95) Naphthalene	15.328	128	331249	60.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	125991	55.115	ug/l	97

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MSVOA_D
ClientSampleId :
VSTDCCC050

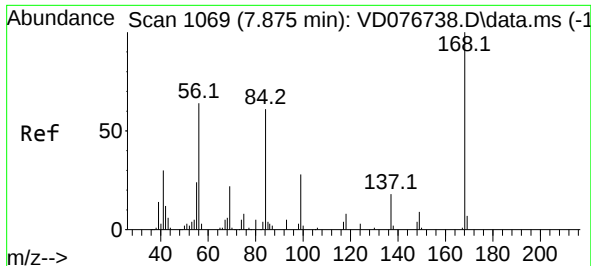
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

Quant Time: Jul 28 03:01:25 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

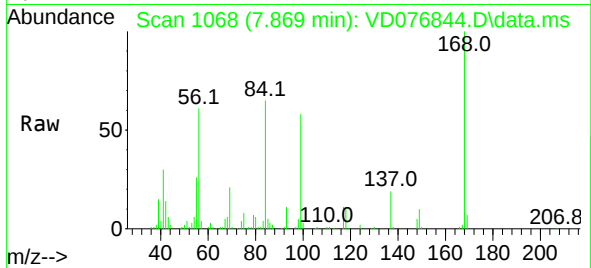
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

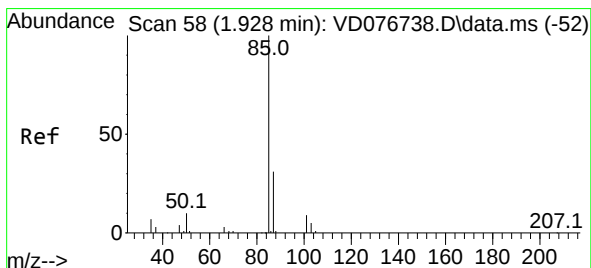
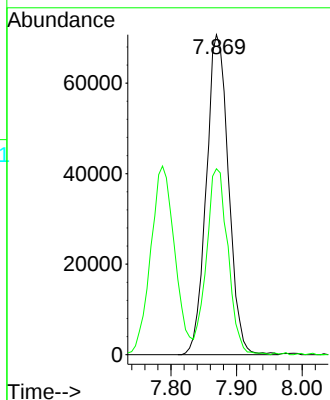
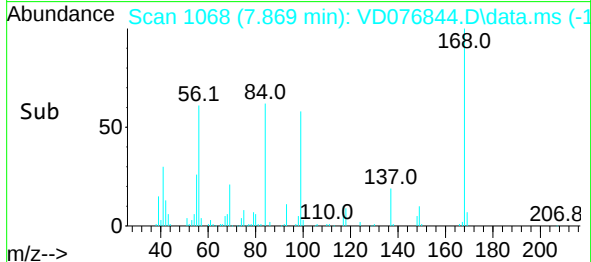
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 166008
Ion Ratio Lower Upper
168 100
99 57.9 36.7 55.1

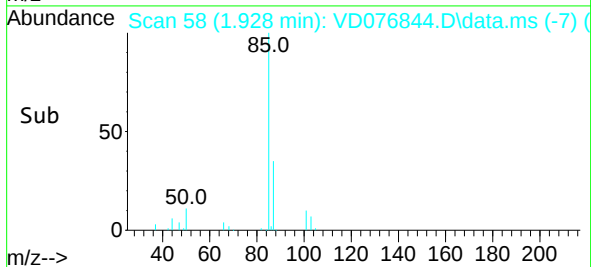
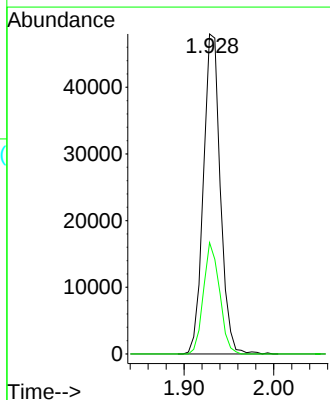
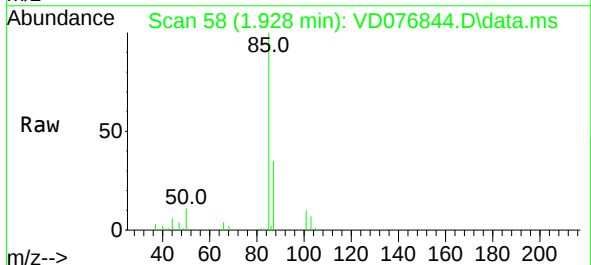
Manual Integrations
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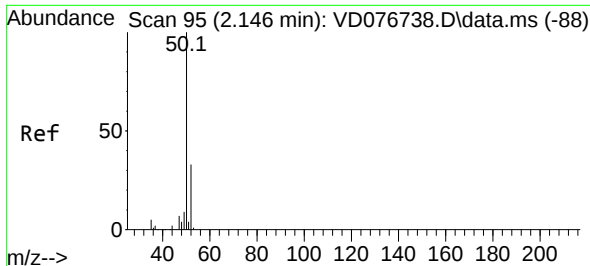
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#2
Dichlorodifluoromethane
Concen: 48.503 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

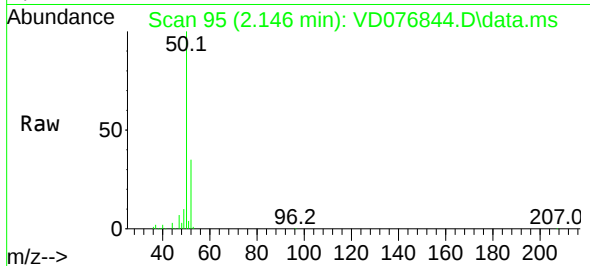
Tgt Ion: 85 Resp: 62964
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.0





#3
Chloromethane
Concen: 51.706 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

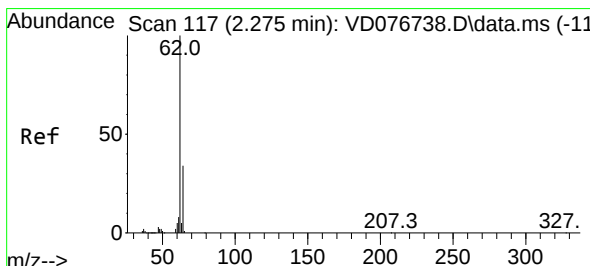
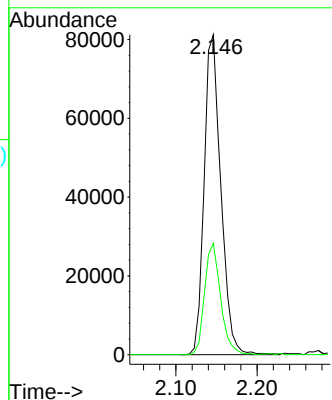
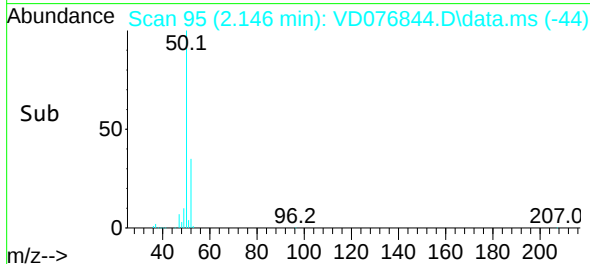
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 115788
Ion Ratio Lower Upper
50 100
52 34.7 26.6 40.0

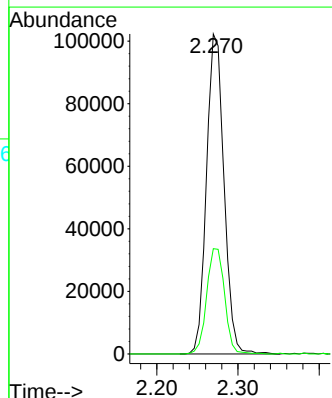
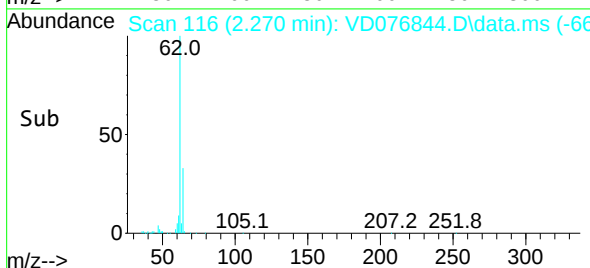
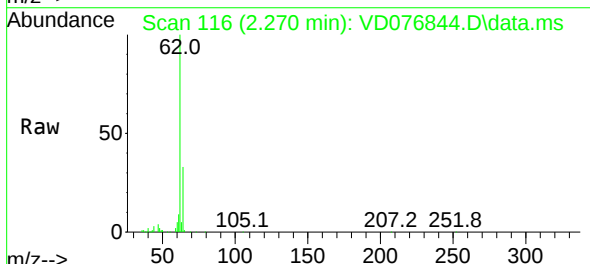
Manual Integrations
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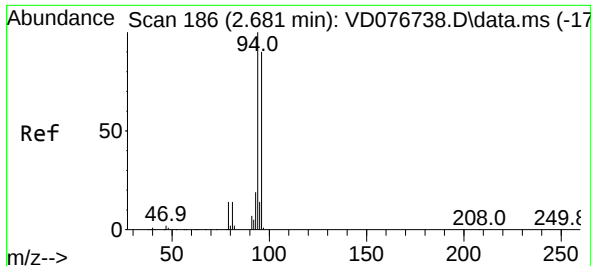
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#4
Vinyl Chloride
Concen: 51.146 ug/l
RT: 2.270 min Scan# 116
Delta R.T. -0.005 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

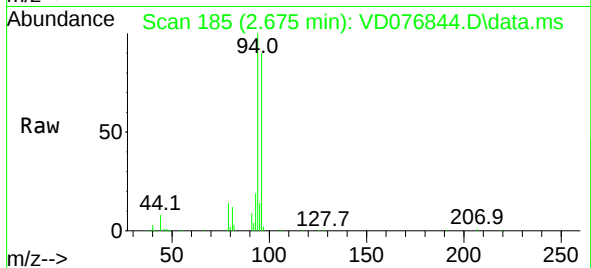
Tgt Ion: 62 Resp: 152677
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0





#5
Bromomethane
Concen: 41.682 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

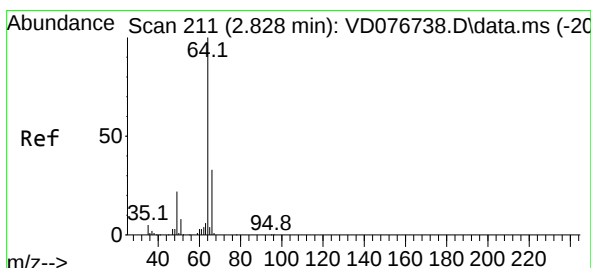
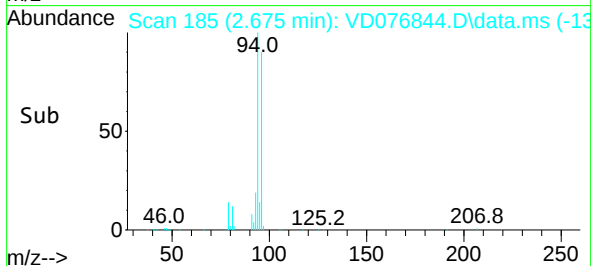
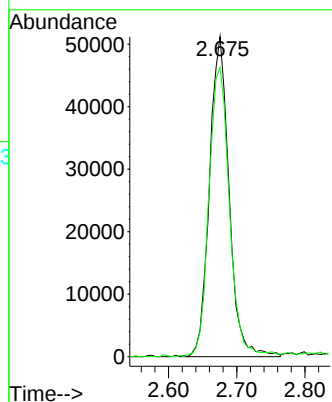
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 102370
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8

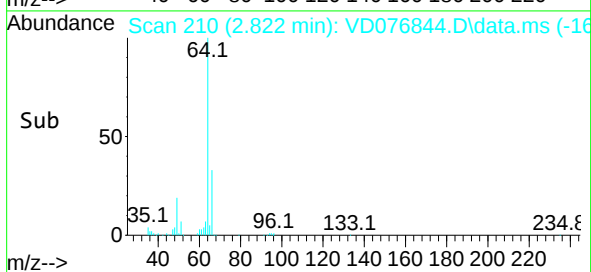
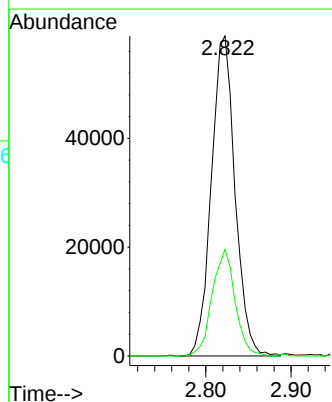
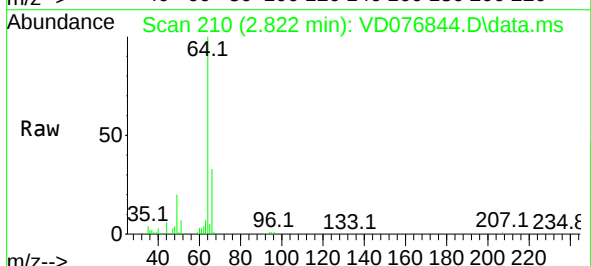
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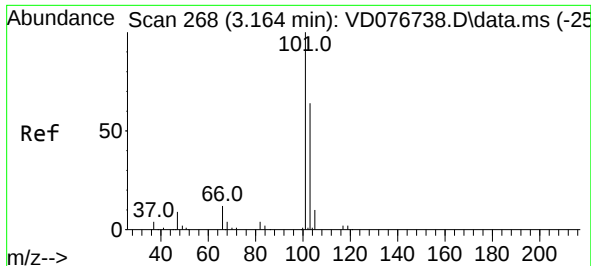
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#6
Chloroethane
Concen: 50.345 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

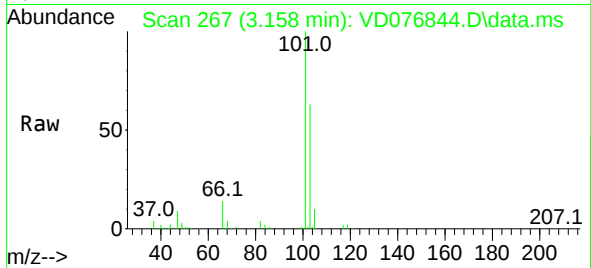
Tgt Ion: 64 Resp: 113470
Ion Ratio Lower Upper
64 100
66 33.3 25.5 38.3





#7
Trichlorofluoromethane
Concen: 53.040 ug/l
RT: 3.158 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

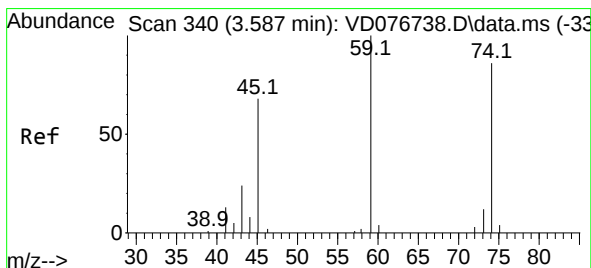
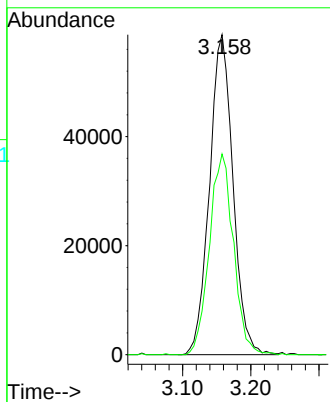
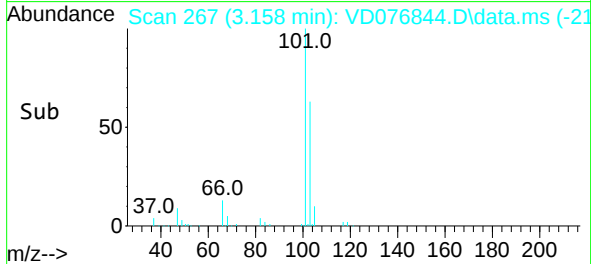
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 140884
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5

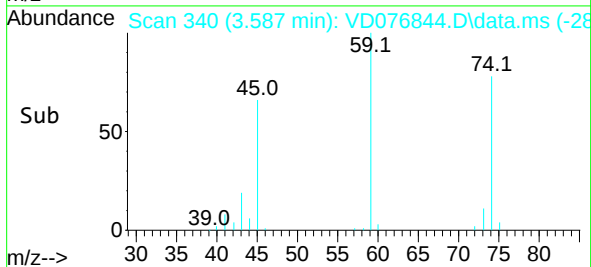
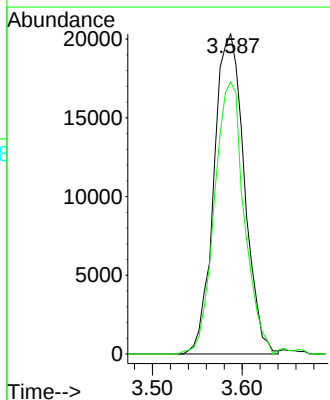
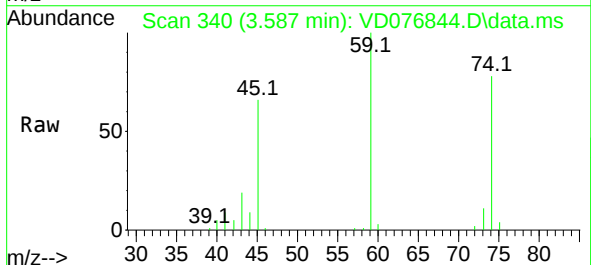
Manual Integrations
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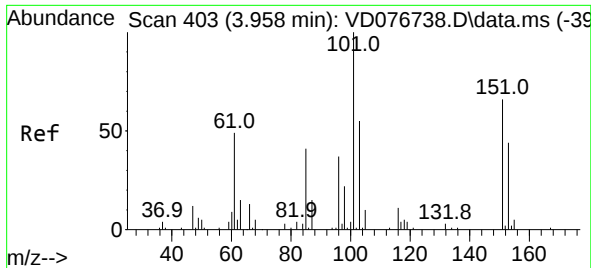
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#8
Diethyl Ether
Concen: 52.158 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

Tgt Ion: 74 Resp: 47700
Ion Ratio Lower Upper
74 100
45 83.5 37.5 112.7





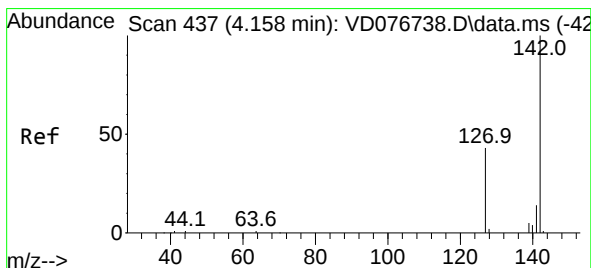
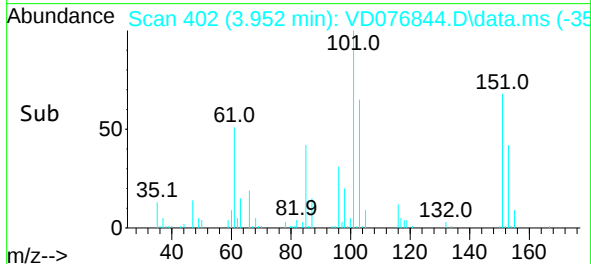
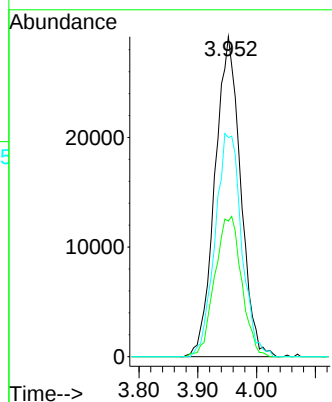
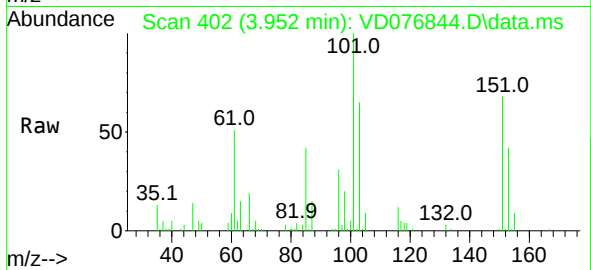
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.658 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 88450
Ion Ratio Lower Upper
101 100
85 45.8 33.8 50.6
151 72.1 59.8 89.6

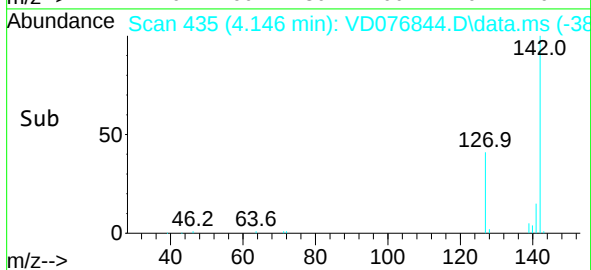
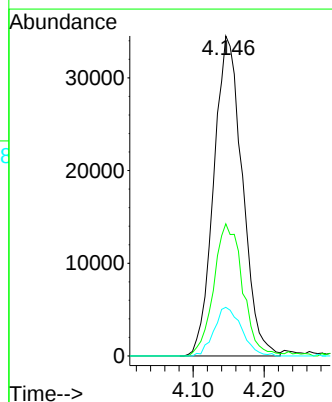
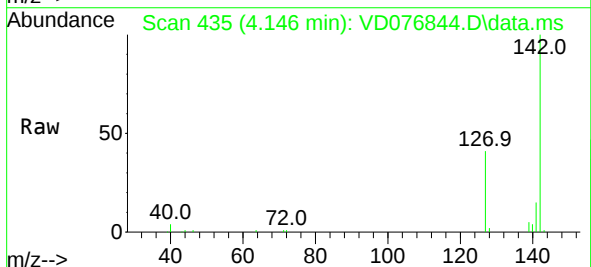
Manual Integrations
APPROVED

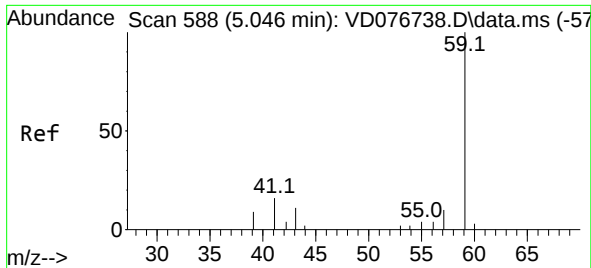
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#10
Methyl Iodide
Concen: 48.892 ug/l
RT: 4.146 min Scan# 435
Delta R.T. -0.012 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

Tgt Ion:142 Resp: 96230
Ion Ratio Lower Upper
142 100
127 41.9 29.4 44.0
141 14.7 11.1 16.7





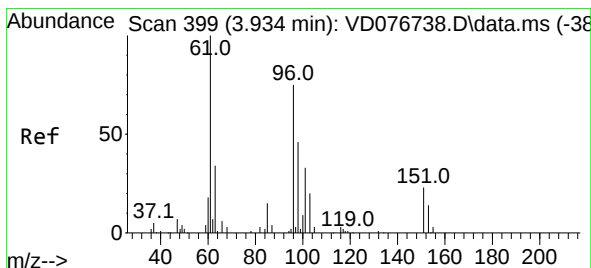
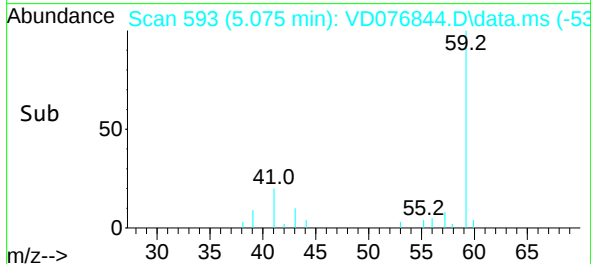
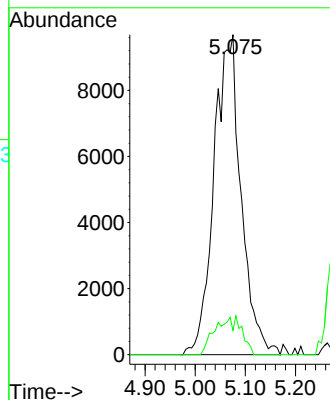
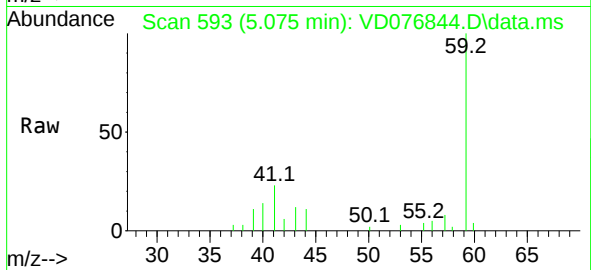
#11
Tert butyl alcohol
Concen: 294.548 ug/l
RT: 5.075 min Scan# 593
Delta R.T. 0.029 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 3634
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.8

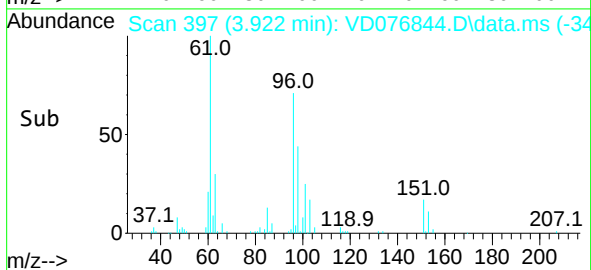
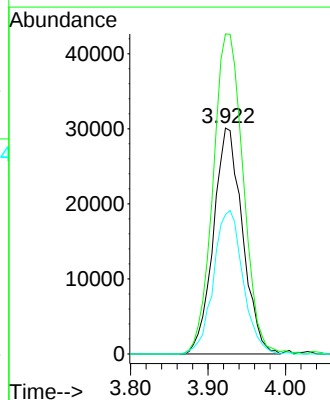
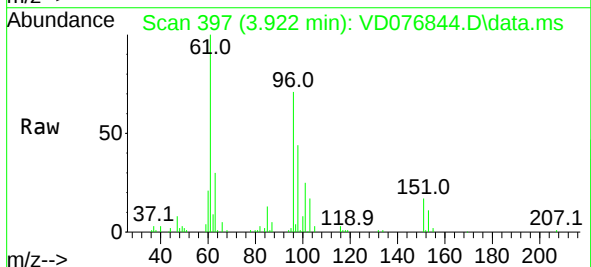
Manual Integrations
APPROVED

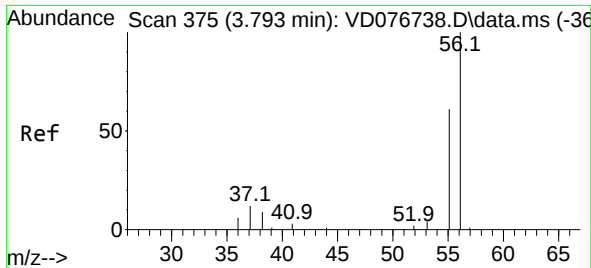
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#12
1,1-Dichloroethene
Concen: 47.810 ug/l
RT: 3.922 min Scan# 397
Delta R.T. -0.012 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

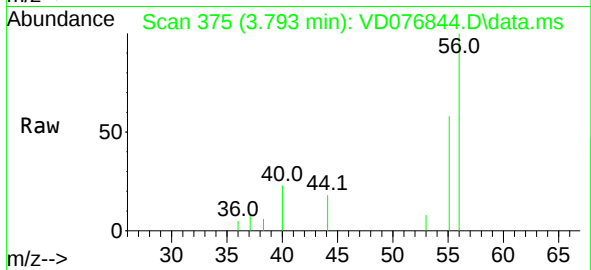
Tgt Ion: 96 Resp: 78428
Ion Ratio Lower Upper
96 100
61 141.6 100.6 150.8
98 61.7 50.2 75.2





#13
Acrolein
Concen: 151.137 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

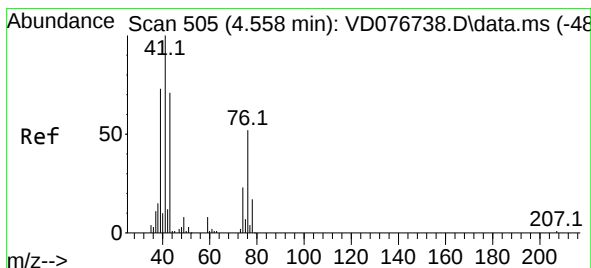
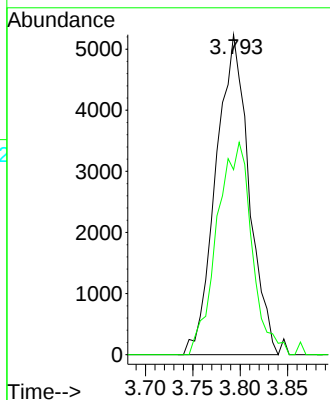
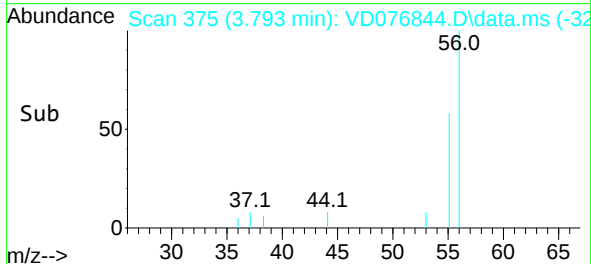
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12708
Ion Ratio Lower Upper
56 100
55 70.3 55.1 82.7

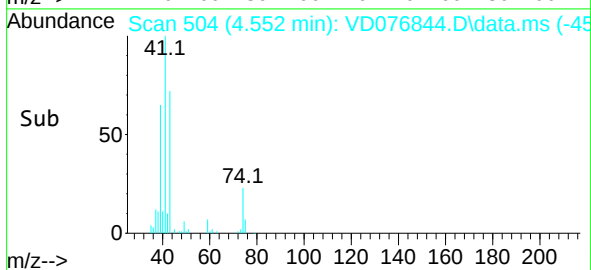
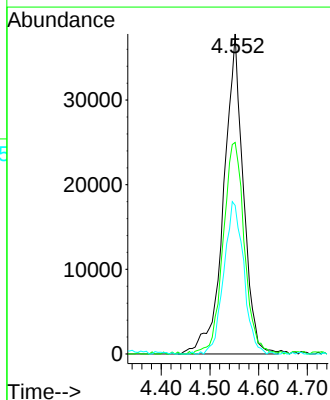
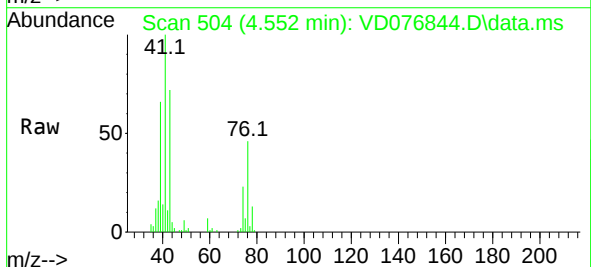
Manual Integrations
APPROVED

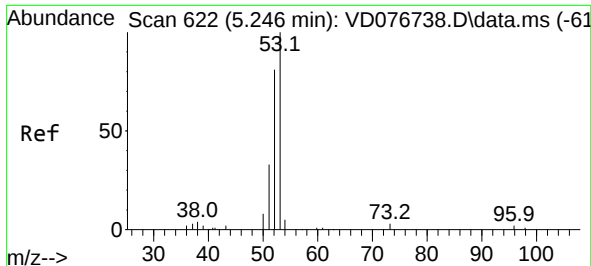
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#14
Allyl chloride
Concen: 49.132 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

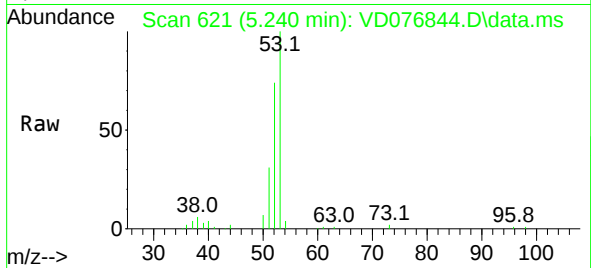
Tgt Ion: 41 Resp: 105877
Ion Ratio Lower Upper
41 100
39 71.7 53.8 80.6
76 48.1 45.8 68.8





#15
Acrylonitrile
Concen: 272.976 ug/l
RT: 5.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

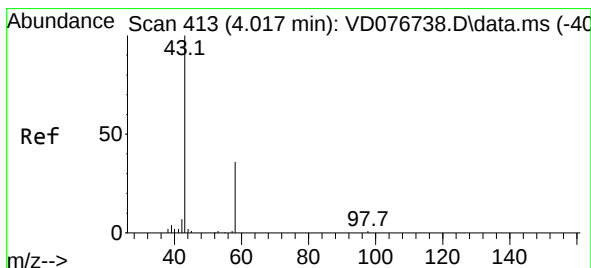
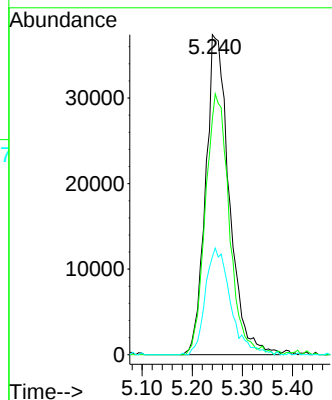
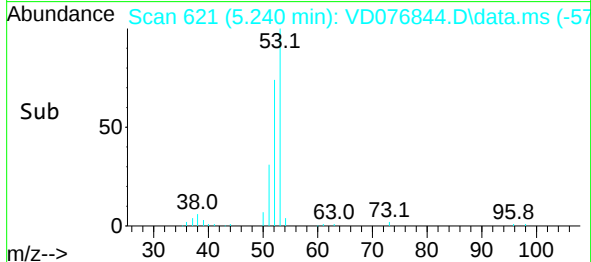
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 122612
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 35.5 28.3 42.5

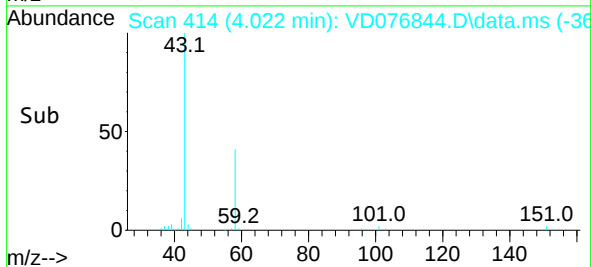
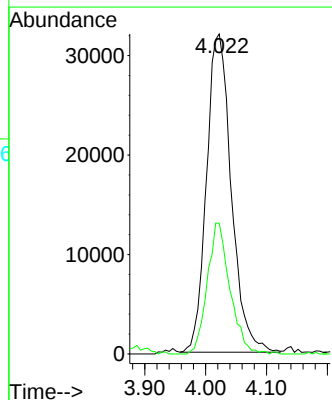
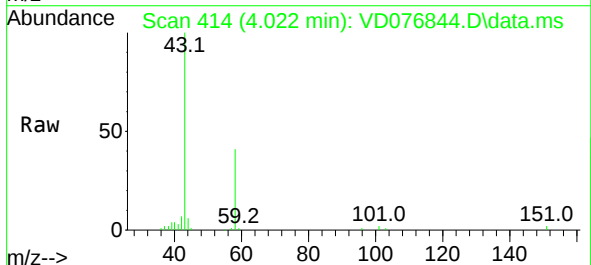
Manual Integrations
APPROVED

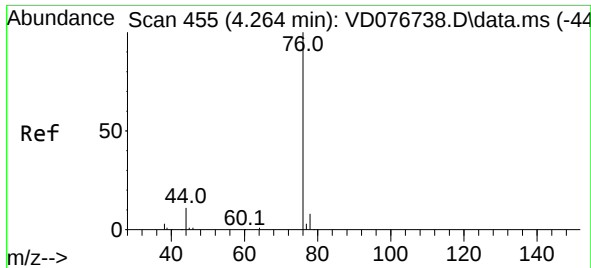
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#16
Acetone
Concen: 229.670 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

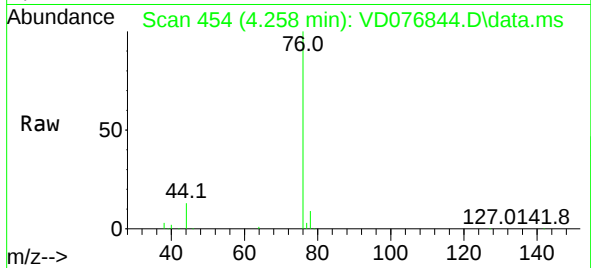
Tgt Ion: 43 Resp: 90694
Ion Ratio Lower Upper
43 100
58 41.1 34.7 52.1





#17
Carbon Disulfide
Concen: 44.782 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

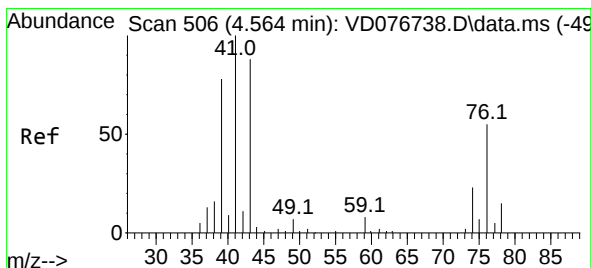
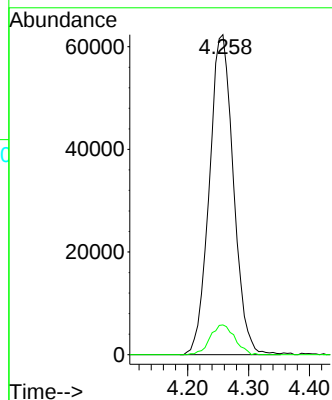
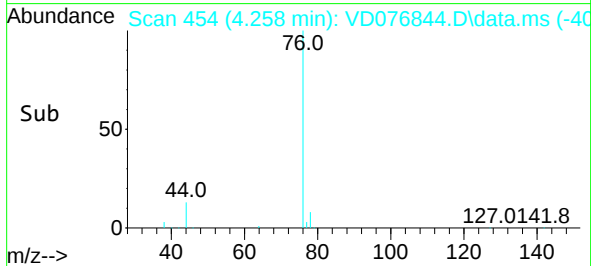
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 171578
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

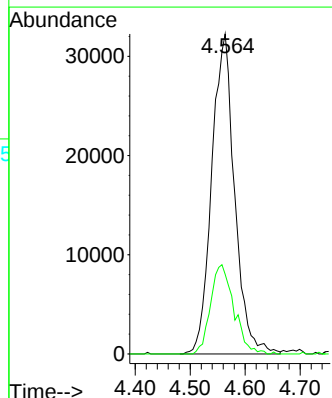
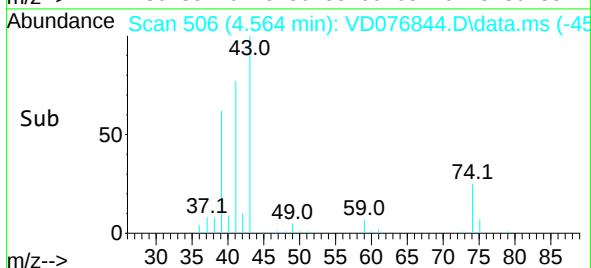
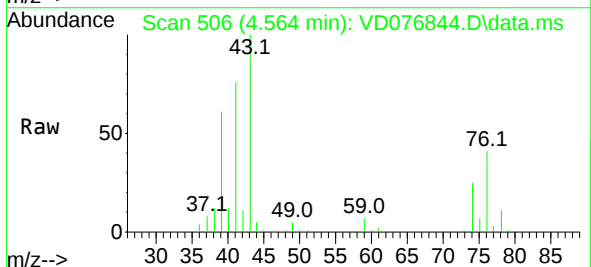
Manual Integrations
APPROVED

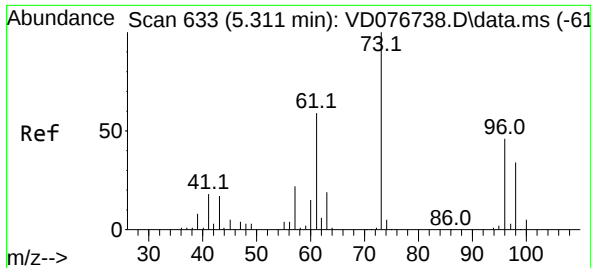
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#18
Methyl Acetate
Concen: 62.858 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

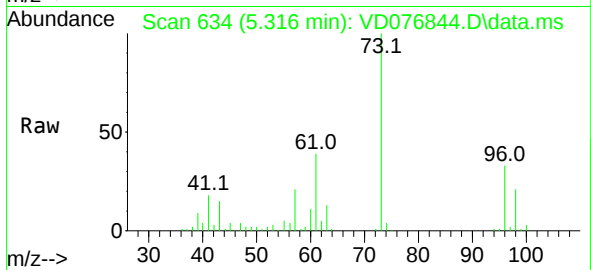
Tgt Ion: 43 Resp: 93259
Ion Ratio Lower Upper
43 100
74 28.5 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 52.918 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

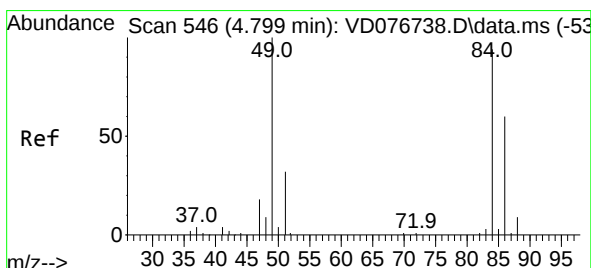
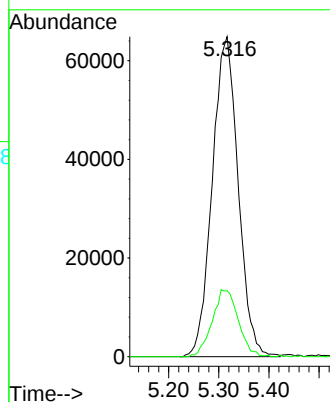
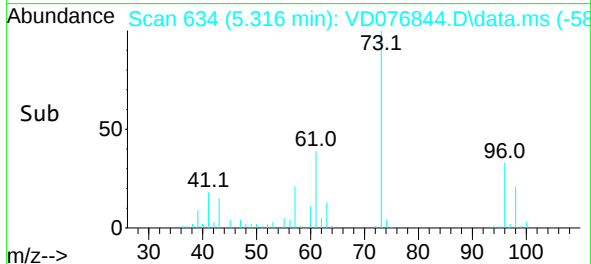
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 232789
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

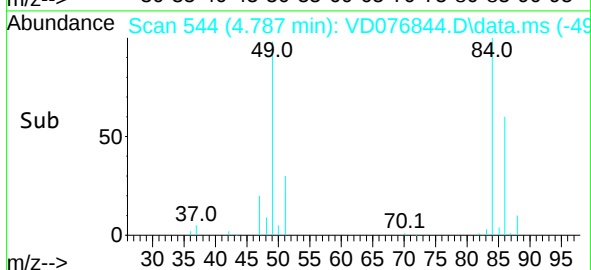
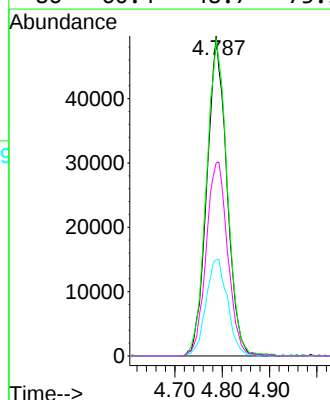
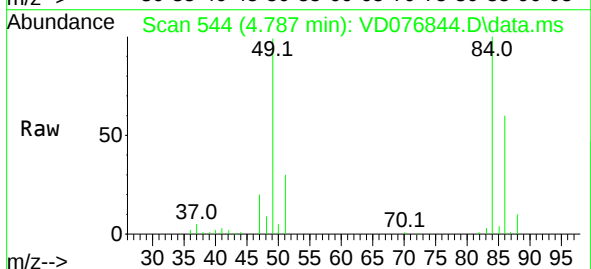
Manual Integrations
APPROVED

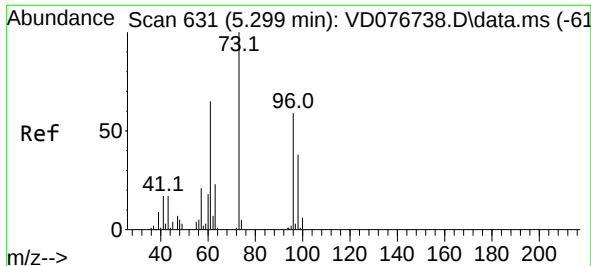
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#20
Methylene Chloride
Concen: 64.998 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

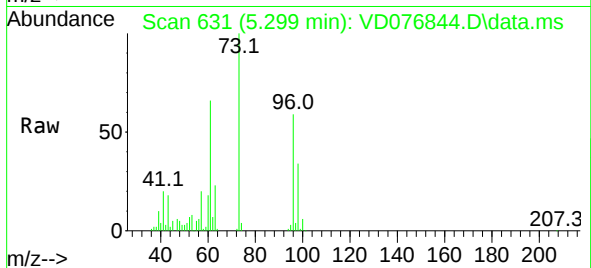
Tgt Ion: 84 Resp: 145571
Ion Ratio Lower Upper
84 100
49 98.7 71.4 107.2
51 30.1 24.5 36.7
86 60.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 48.891 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

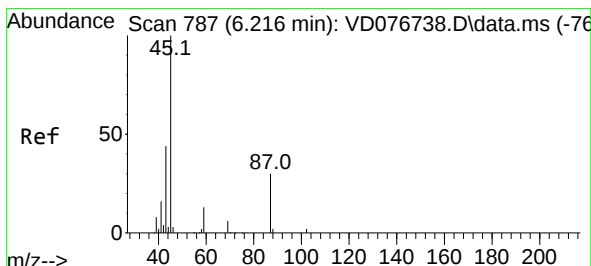
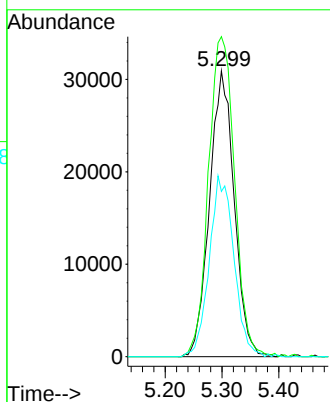
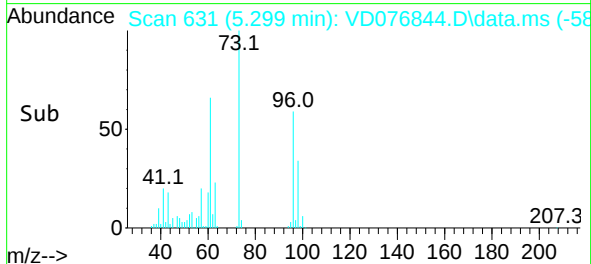
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



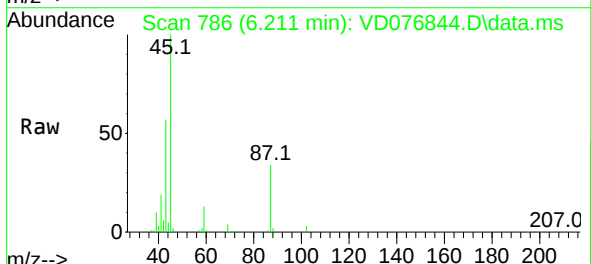
Tgt Ion: 96 Resp: 93225
Ion Ratio Lower Upper
96 100
61 112.0 89.3 133.9
98 57.8 48.6 73.0

Manual Integrations
APPROVED

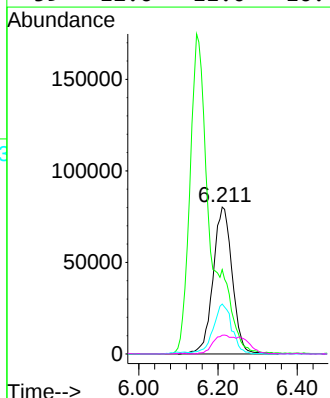
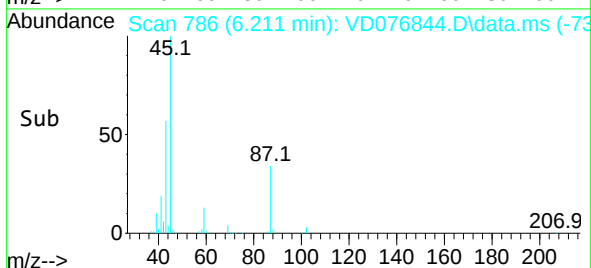
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

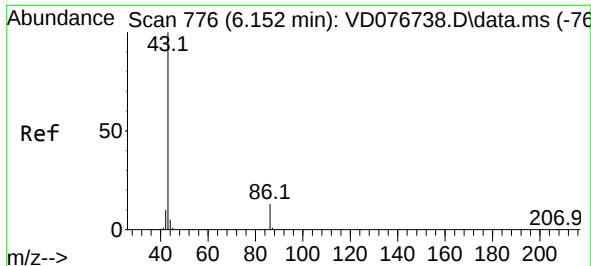


#22
Diisopropyl ether
Concen: 52.793 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



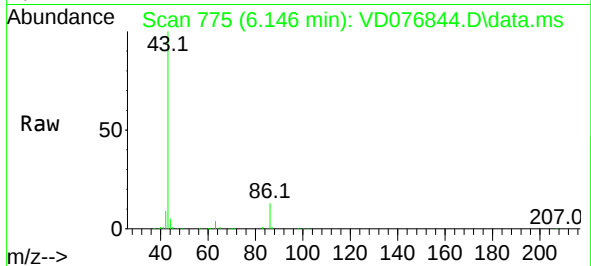
Tgt Ion: 45 Resp: 269398
Ion Ratio Lower Upper
45 100
43 56.6 40.0 60.0
87 34.0 28.2 42.4
59 12.6 11.0 16.4





#23
 Vinyl Acetate
 Concen: 249.479 ug/l
 RT: 6.146 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD076844.D
 Acq: 27 Jul 2023 20:02

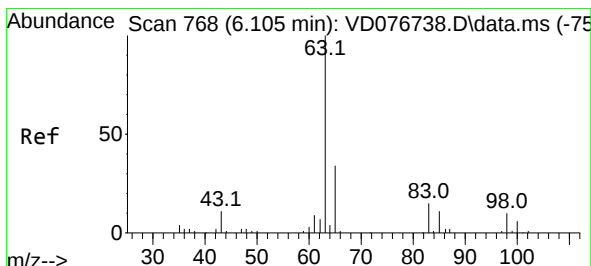
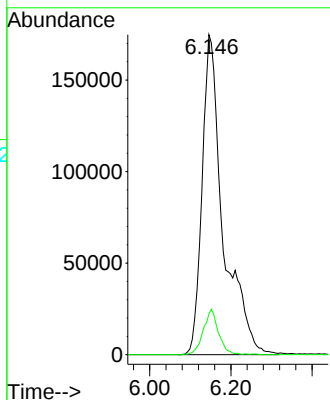
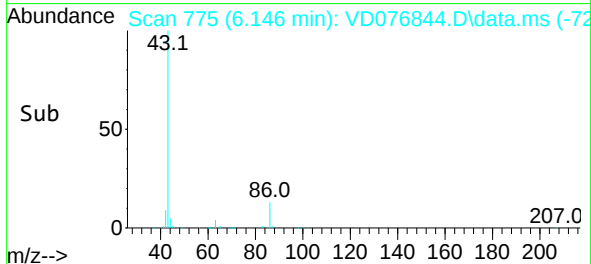
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



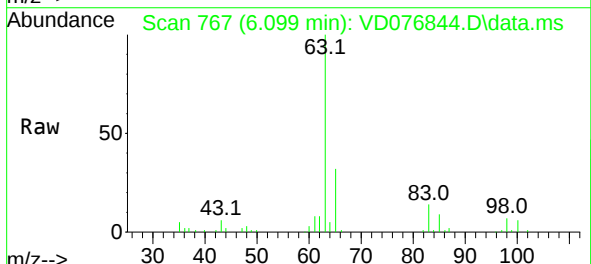
Tgt Ion: 43 Resp: 62989
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7

Manual Integrations
 APPROVED

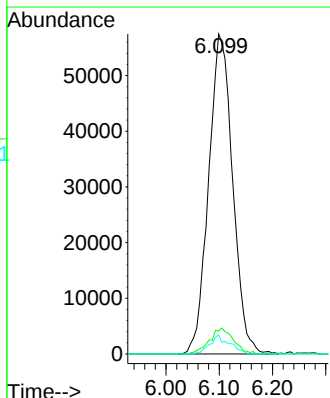
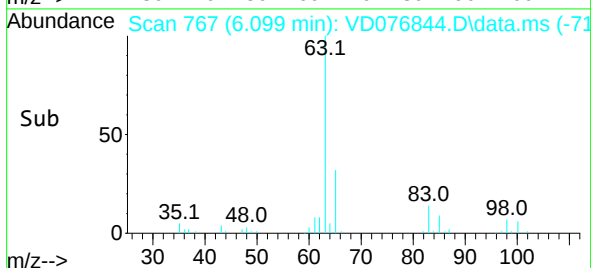
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

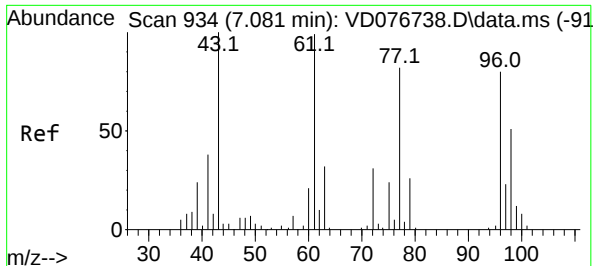


#24
 1,1-Dichloroethane
 Concen: 52.326 ug/l
 RT: 6.099 min Scan# 767
 Delta R.T. -0.006 min
 Lab File: VD076844.D
 Acq: 27 Jul 2023 20:02



Tgt Ion: 63 Resp: 180030
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 6.0 2.5 7.5





#25

2-Butanone

Concen: 274.305 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 144970

Ion Ratio Lower Upper

43 100

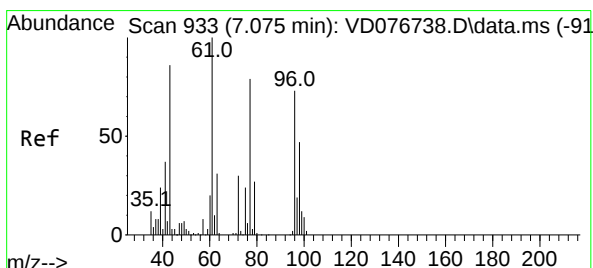
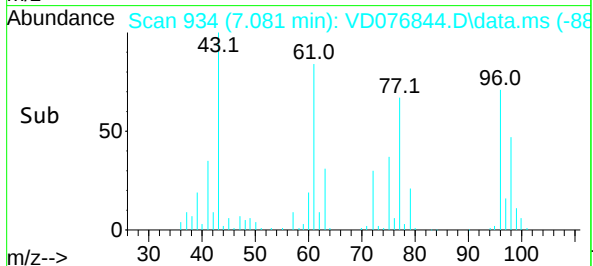
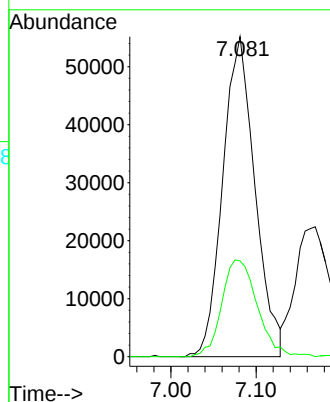
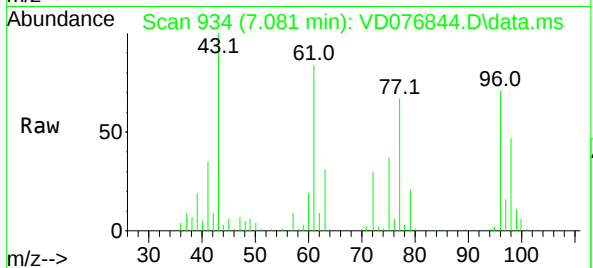
72 29.9 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#26

2,2-Dichloropropane

Concen: 46.126 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076844.D

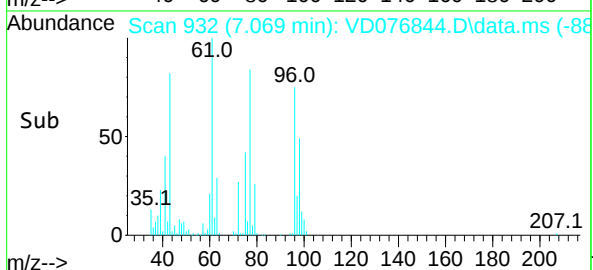
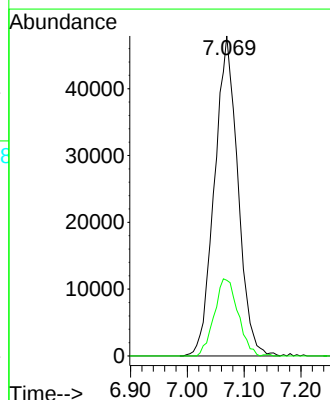
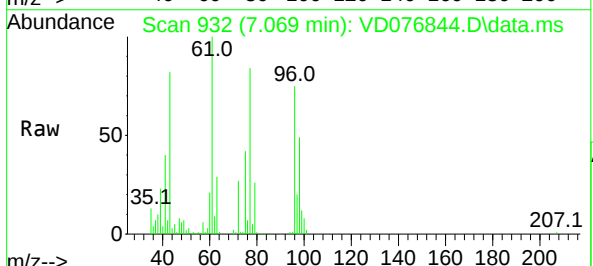
Acq: 27 Jul 2023 20:02

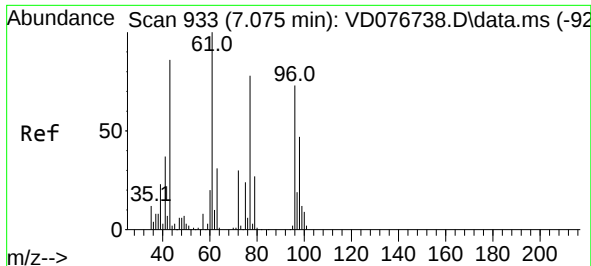
Tgt Ion: 77 Resp: 136802

Ion Ratio Lower Upper

77 100

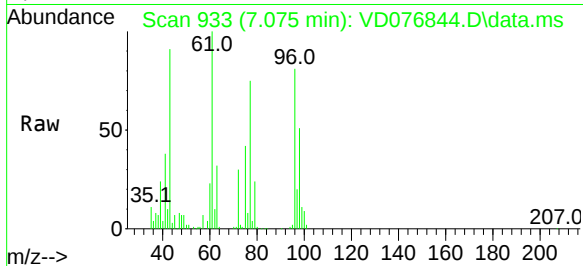
97 24.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.689 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD076844.D
 Acq: 27 Jul 2023 20:02

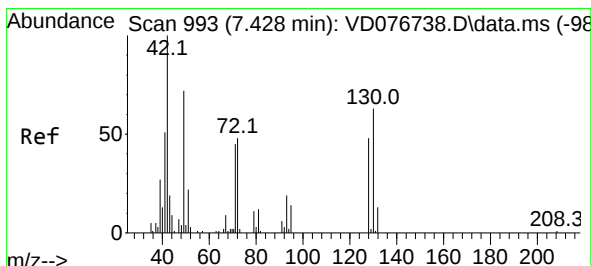
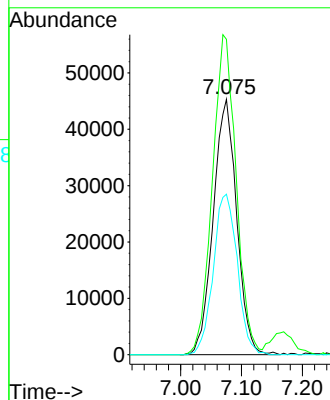
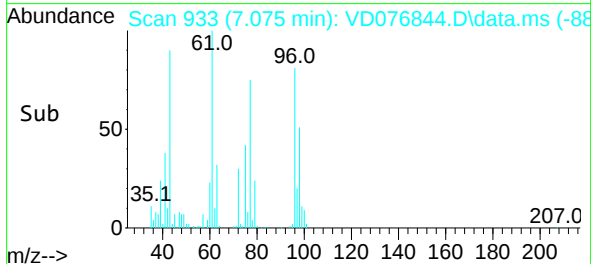
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 12150
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 239.2
 98 64.2 0.0 128.6

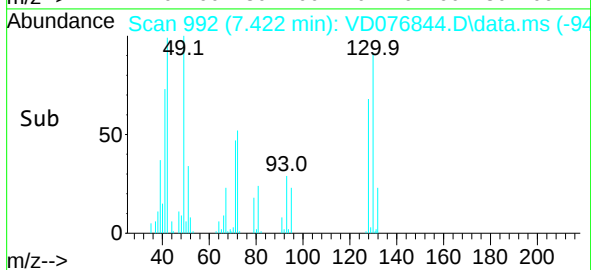
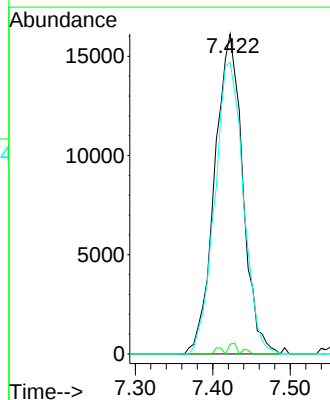
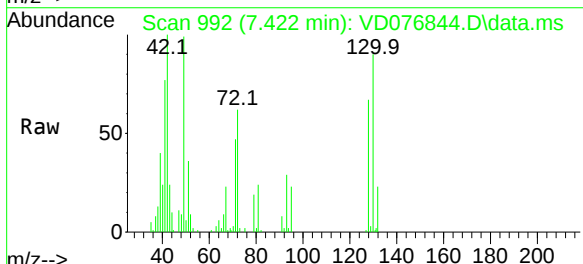
Manual Integrations
 APPROVED

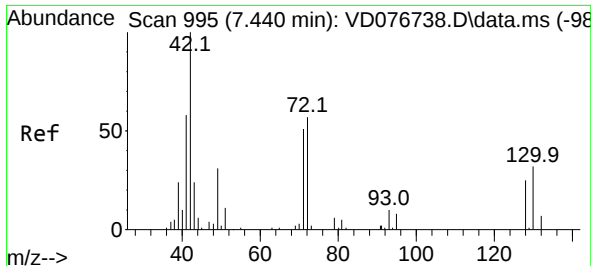
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#28
 Bromochloromethane
 Concen: 47.108 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076844.D
 Acq: 27 Jul 2023 20:02

Tgt Ion: 49 Resp: 40521
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 93.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 288.349 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

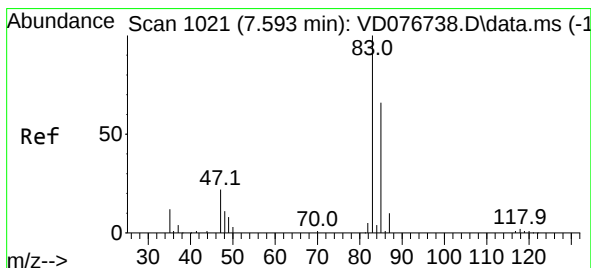
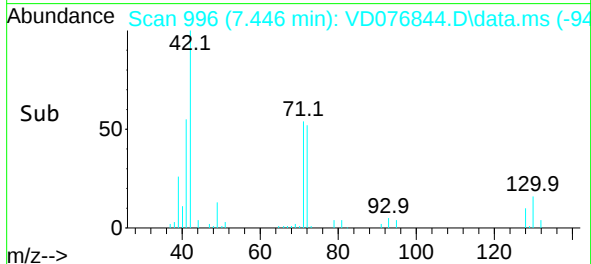
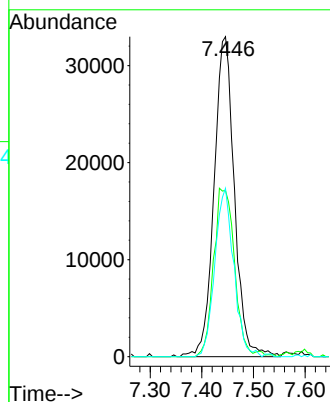
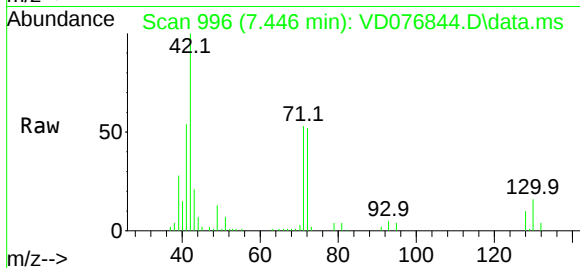
Tgt Ion: 42 Resp: 90039
 Ion Ratio Lower Upper
 42 100
 72 53.6 46.5 69.7
 71 49.1 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#30

Chloroform

Concen: 54.555 ug/l

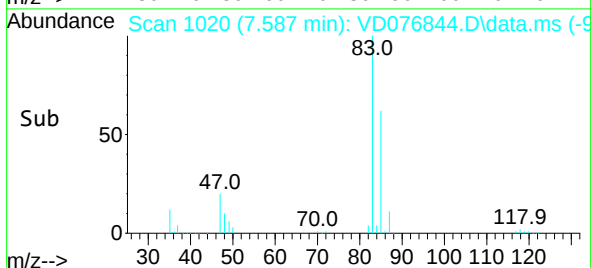
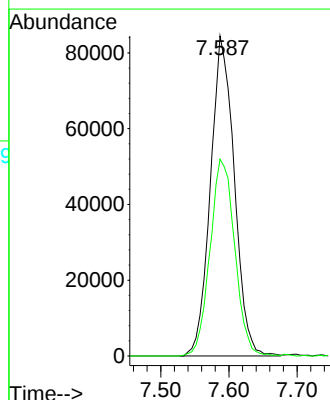
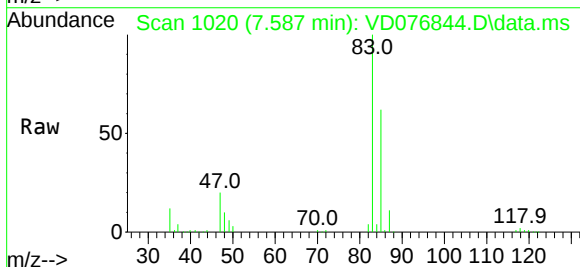
RT: 7.587 min Scan# 1020

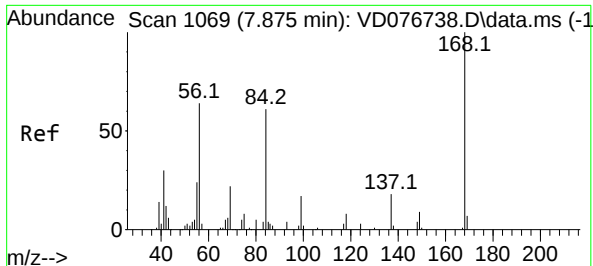
Delta R.T. -0.006 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Tgt Ion: 83 Resp: 205582
 Ion Ratio Lower Upper
 83 100
 85 61.5 53.4 80.2





#31

Cyclohexane

Concen: 45.463 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 11063

Ion Ratio Lower Upper

56 100

69 34.2 28.6 43.0

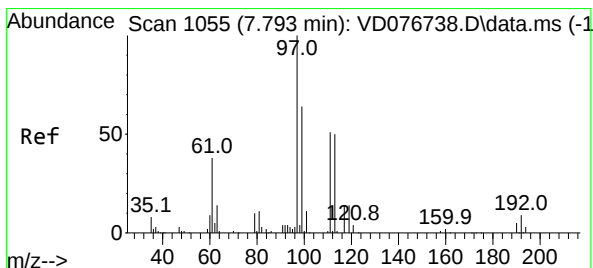
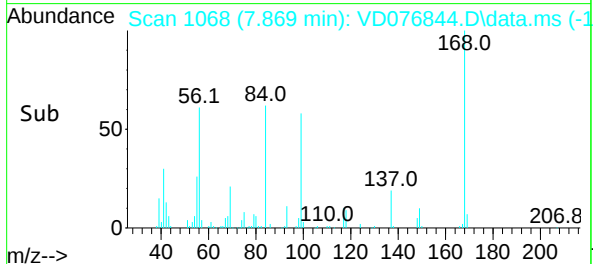
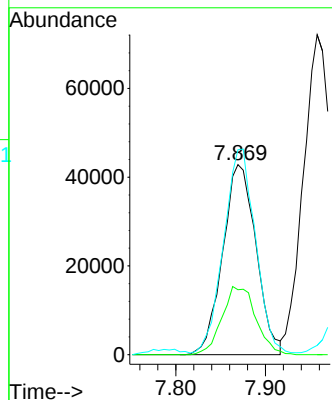
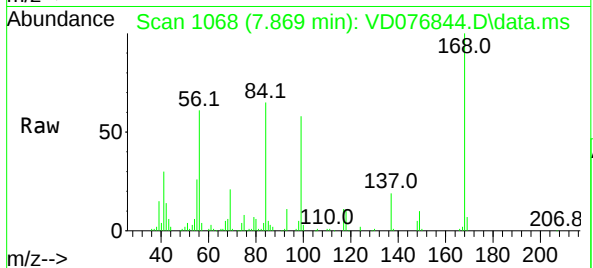
84 106.3 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#32

1,1,1-Trichloroethane

Concen: 52.967 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

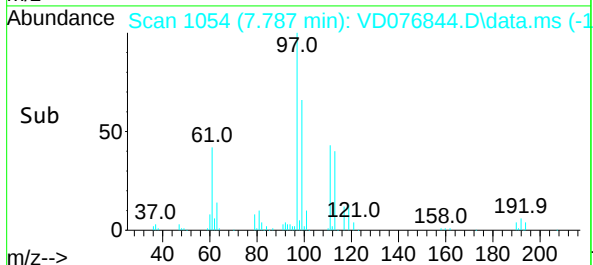
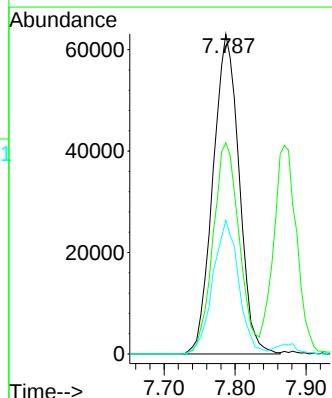
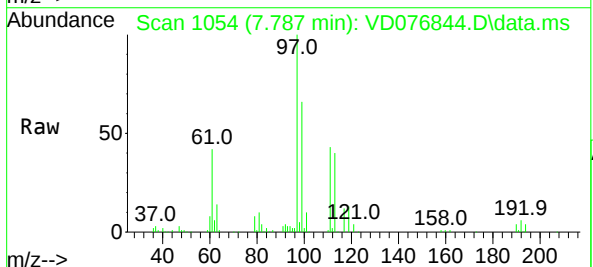
Tgt Ion: 97 Resp: 161041

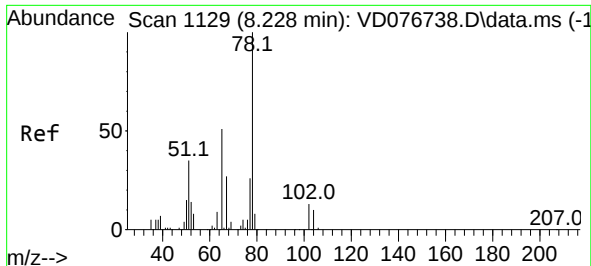
Ion Ratio Lower Upper

97 100

99 66.4 52.0 78.0

61 41.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.983 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 79339

Ion Ratio Lower Upper

65 100

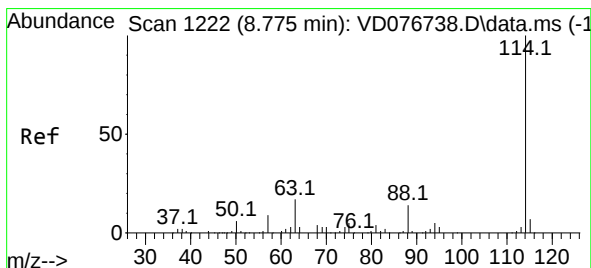
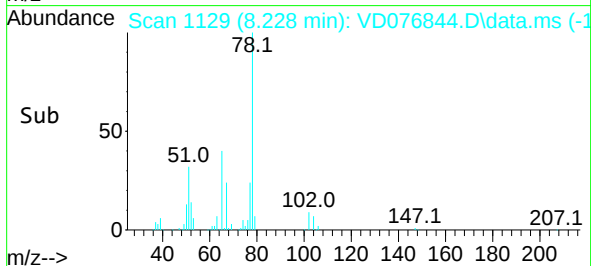
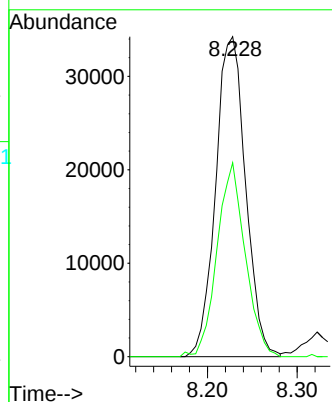
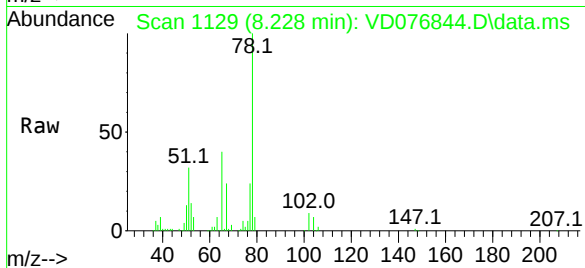
67 57.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

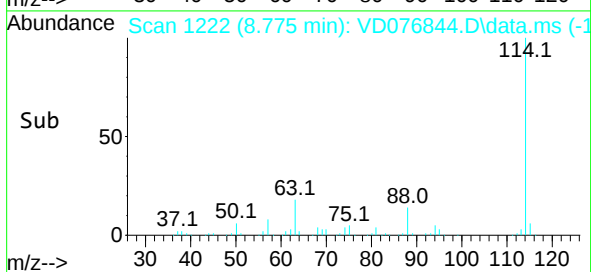
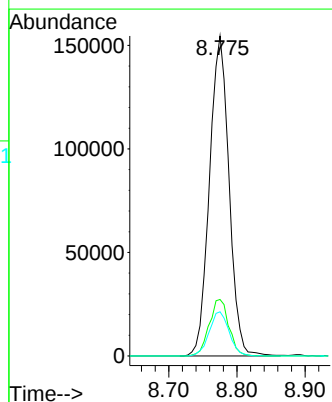
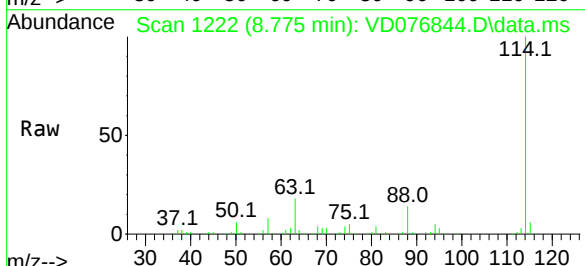
Tgt Ion:114 Resp: 308824

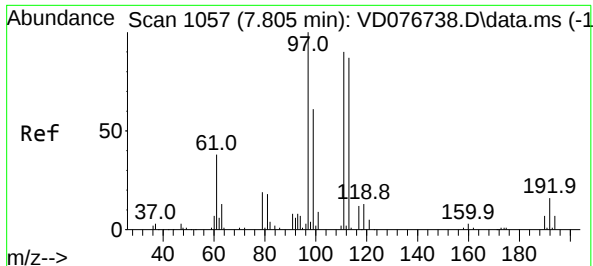
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.767 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076844.D

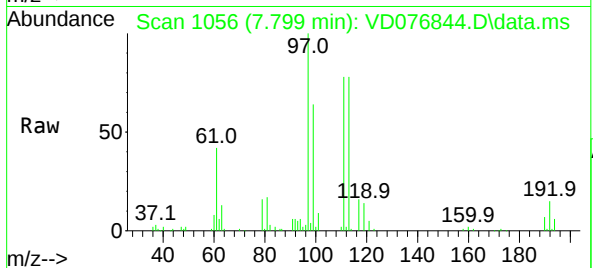
Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



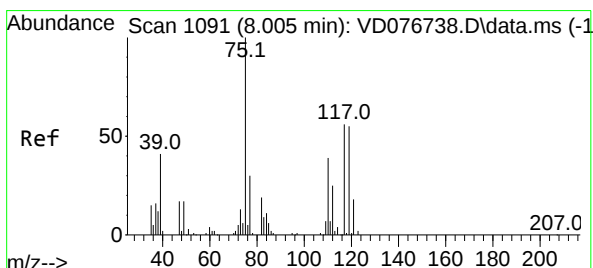
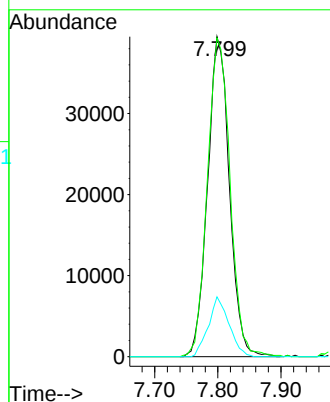
Tgt Ion:	113	Resp:	94640
Ion Ratio	Lower	Upper	
113	100		
111	103.6	84.7	127.1
192	17.7	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#36

1,1-Dichloropropene

Concen: 50.263 ug/l

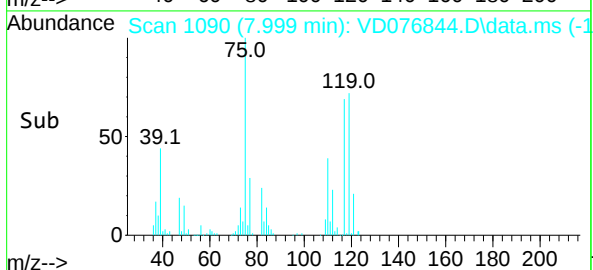
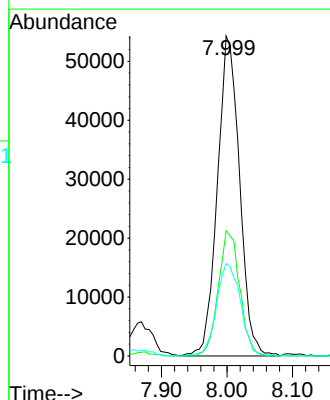
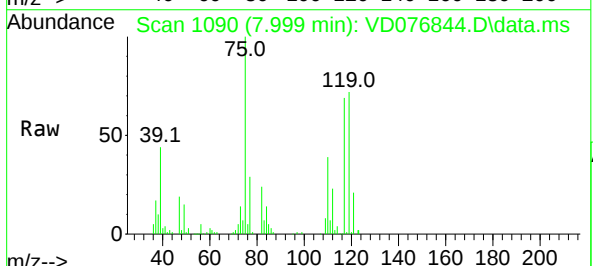
RT: 7.999 min Scan# 1090

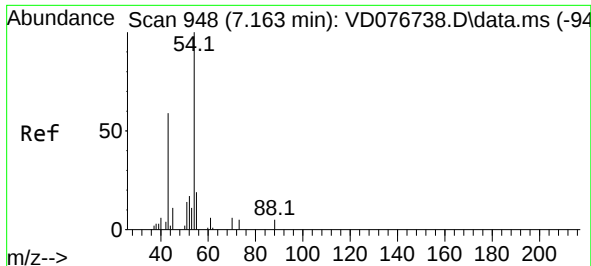
Delta R.T. -0.006 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Tgt Ion:	75	Resp:	127462
Ion Ratio	Lower	Upper	
75	100		
110	37.7	19.9	59.6
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 54.750 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076844.D

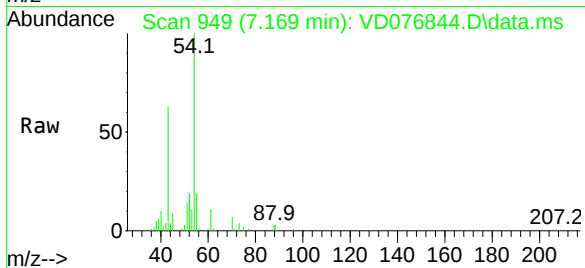
Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



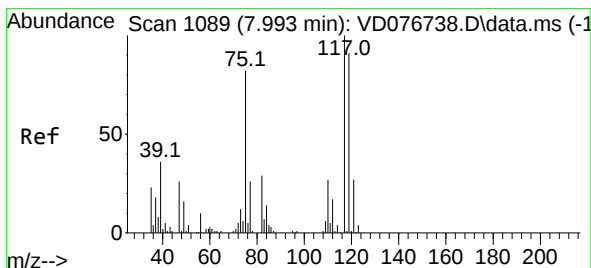
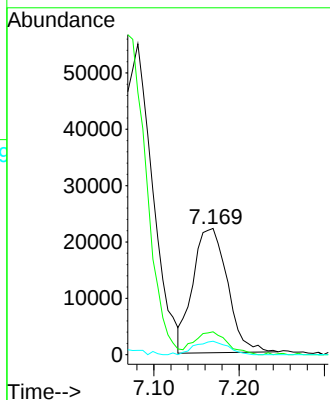
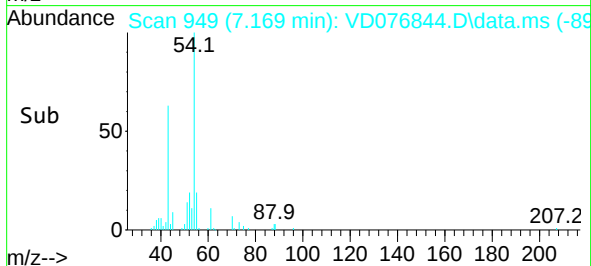
Tgt Ion:	43	Resp:	62092
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.9	22.3
70	10.5	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#38

Carbon Tetrachloride

Concen: 52.331 ug/l

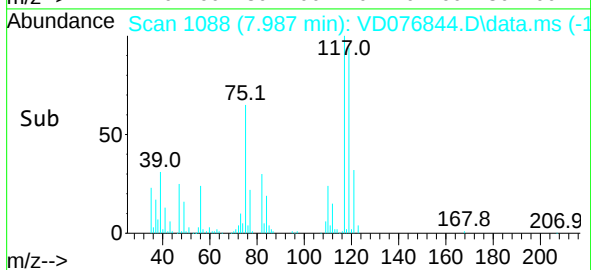
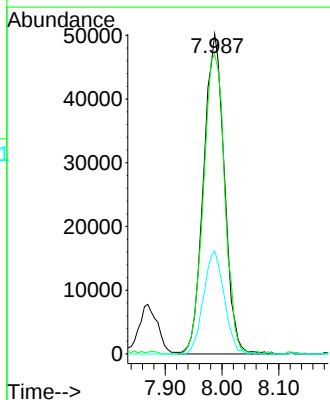
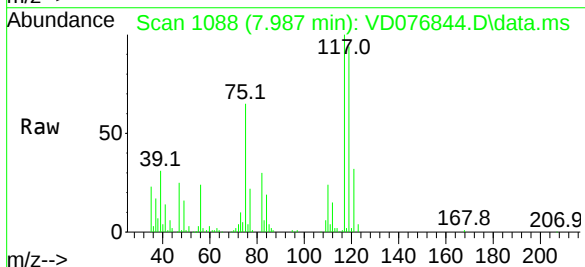
RT: 7.987 min Scan# 1088

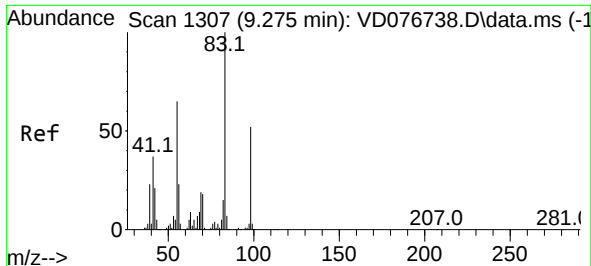
Delta R.T. -0.006 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Tgt Ion:	117	Resp:	127069
Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.0	117.0
121	32.3	24.2	36.2





#39

Methylcyclohexane

Concen: 47.465 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076844.D

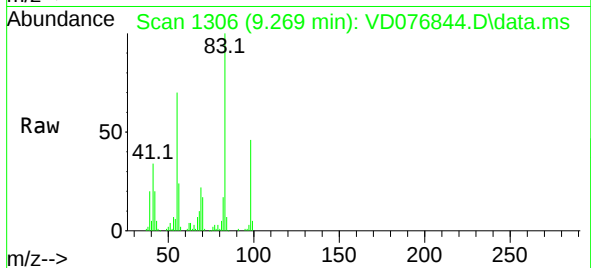
Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



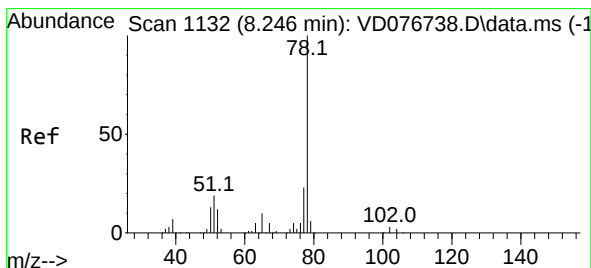
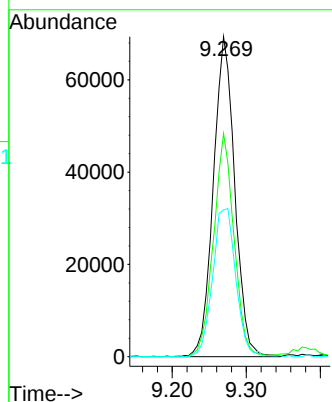
Tgt Ion:	83	Resp:	13898
Ion	Ratio	Lower	Upper
83	100		
55	69.4	49.4	74.0
98	45.9	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#40

Benzene

Concen: 49.856 ug/l

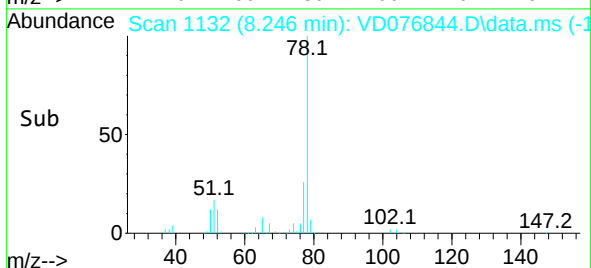
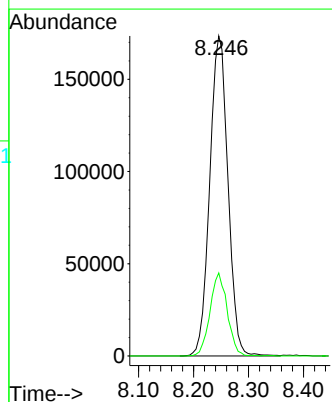
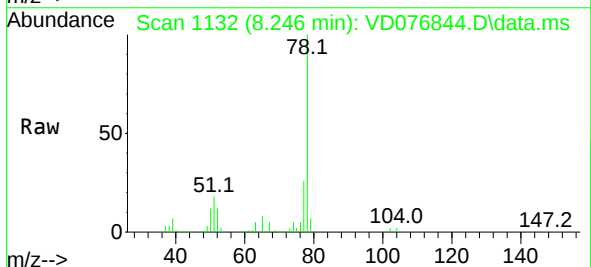
RT: 8.246 min Scan# 1132

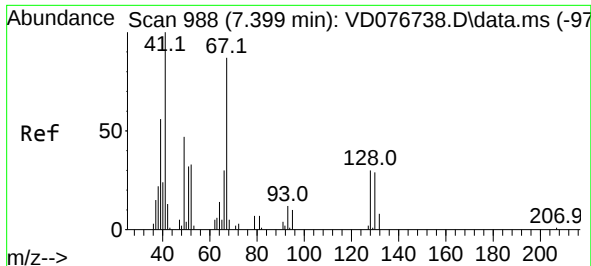
Delta R.T. -0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

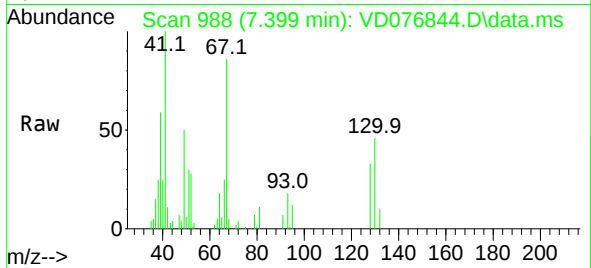
Tgt Ion:	78	Resp:	398920
Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.4	29.0





#41
Methacrylonitrile
Concen: 47.156 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

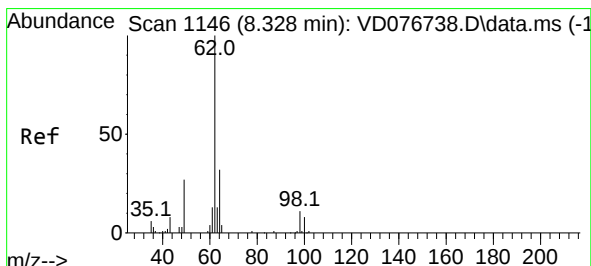
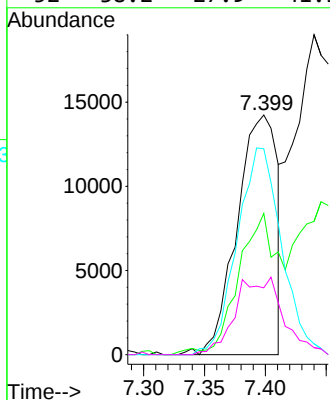
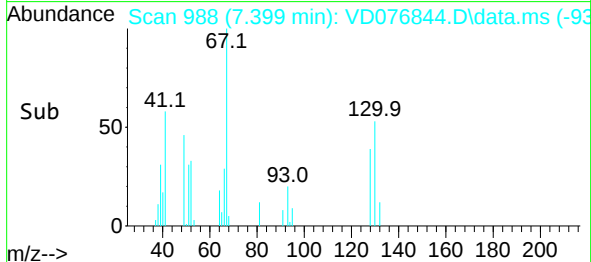
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



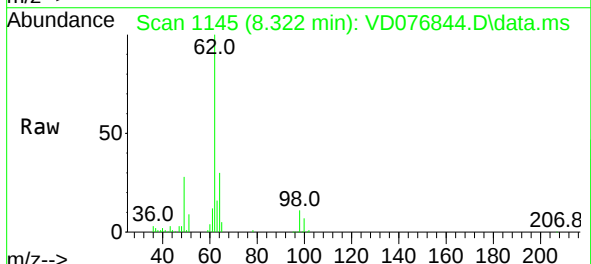
Tgt Ion: 41 Resp: 3265
Ion Ratio Lower Upper
41 100
39 57.8 34.0 51.0
67 95.2 77.0 115.4
52 38.2 27.9 41.9

Manual Integrations
APPROVED

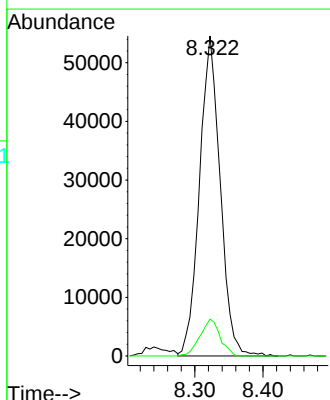
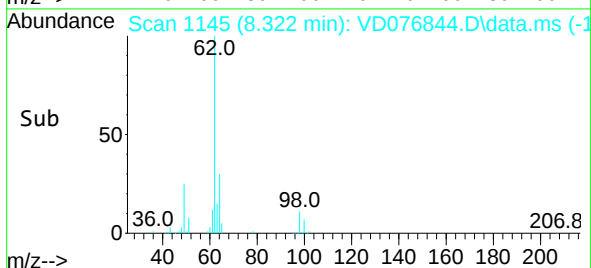
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

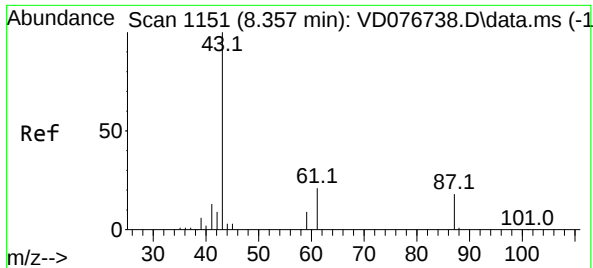


#42
1,2-Dichloroethane
Concen: 55.315 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



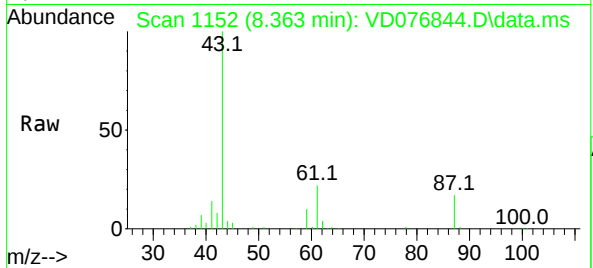
Tgt Ion: 62 Resp: 115002
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4





#43
Isopropyl Acetate
Concen: 54.634 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

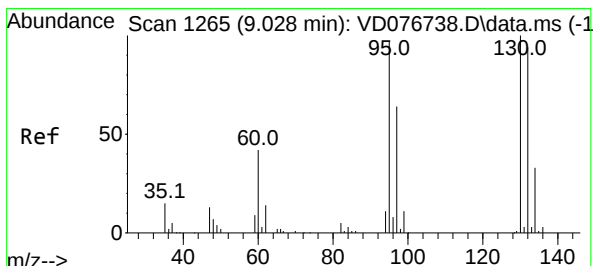
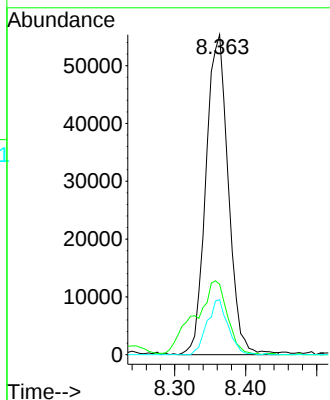
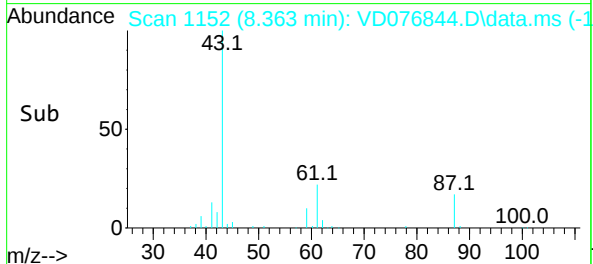
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



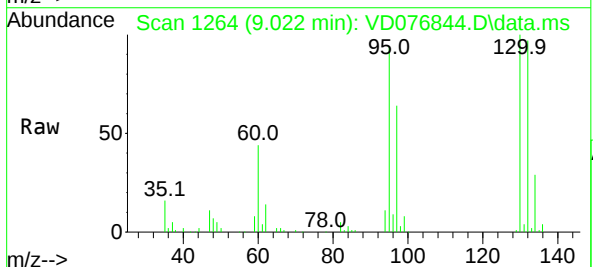
Tgt Ion: 43 Resp: 12092
Ion Ratio Lower Upper
43 100
61 33.8 31.4 47.0
87 16.1 14.9 22.3

Manual Integrations
APPROVED

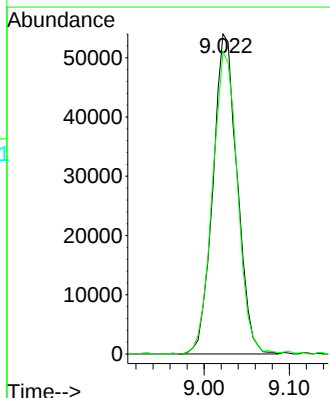
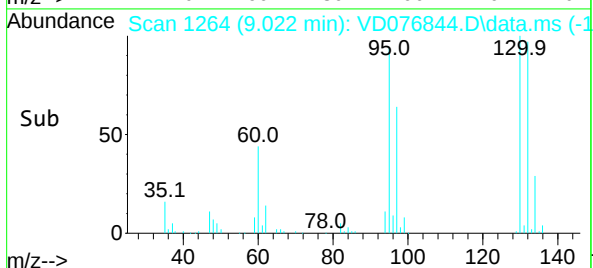
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

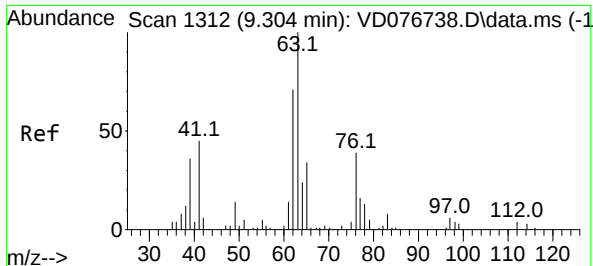


#44
Trichloroethene
Concen: 49.025 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



Tgt Ion:130 Resp: 106895
Ion Ratio Lower Upper
130 100
95 94.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.575 ug/l

RT: 9.299 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD076844.D

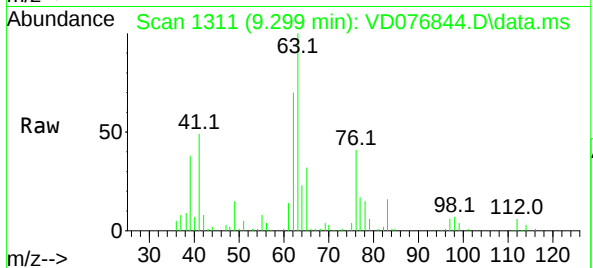
Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 10859

Ion Ratio Lower Upper

63 100

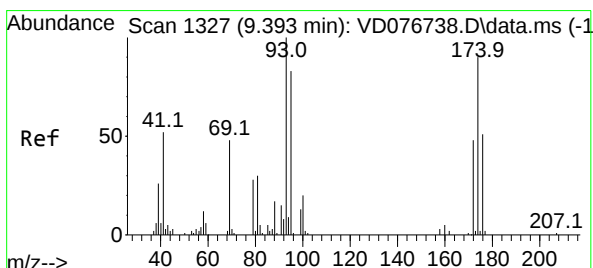
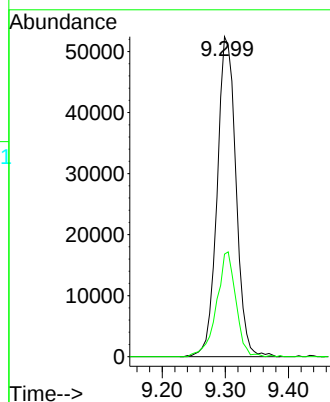
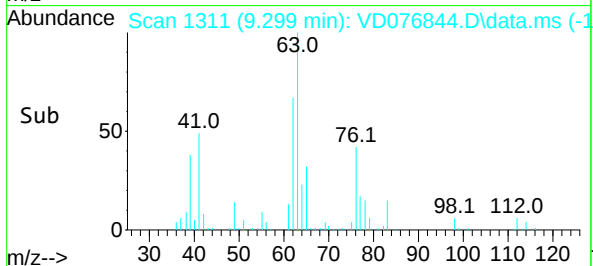
65 32.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#46

Dibromomethane

Concen: 53.902 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

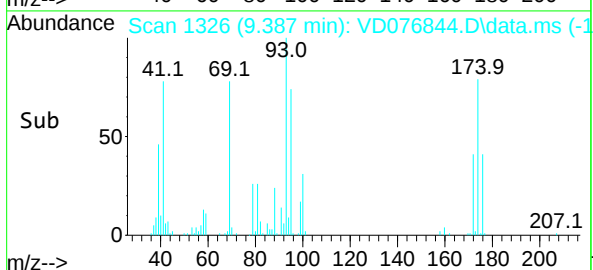
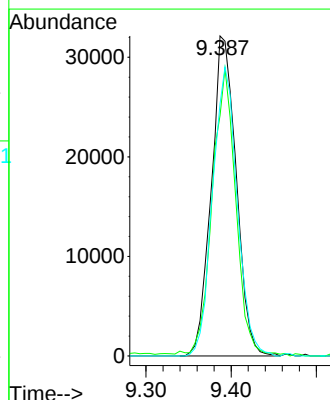
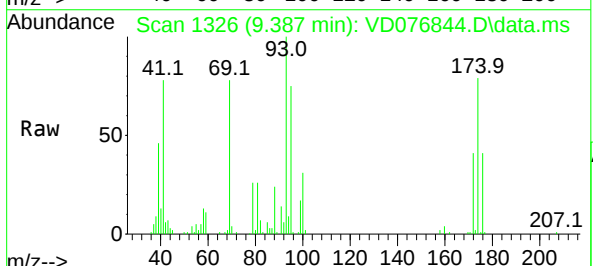
Tgt Ion: 93 Resp: 65167

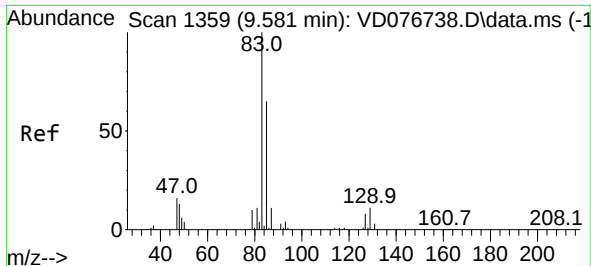
Ion Ratio Lower Upper

93 100

95 85.4 67.7 101.5

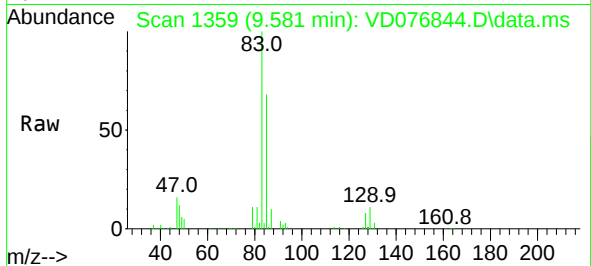
174 89.5 85.4 128.2





#47
Bromodichloromethane
Concen: 52.217 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

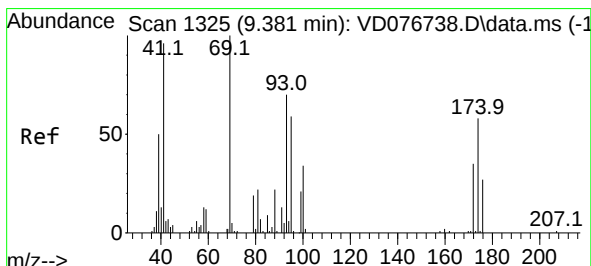
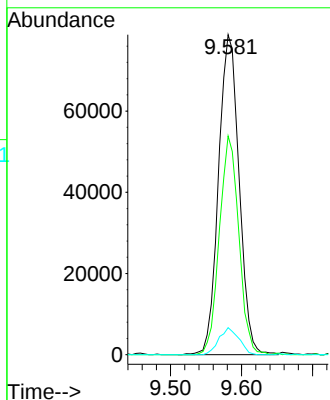
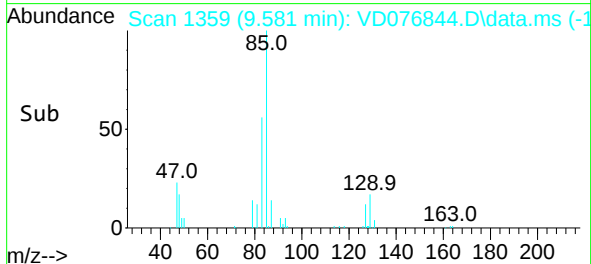
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



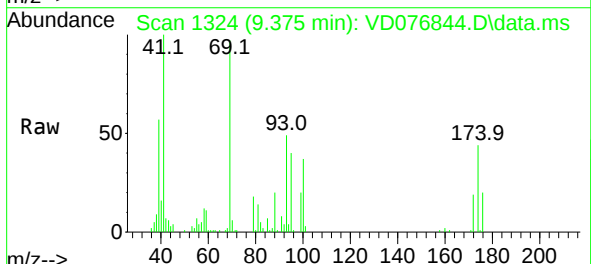
Tgt Ion: 83 Resp: 158429
Ion Ratio Lower Upper
83 100
85 68.3 50.2 75.4
127 8.5 6.3 9.5

Manual Integrations
APPROVED

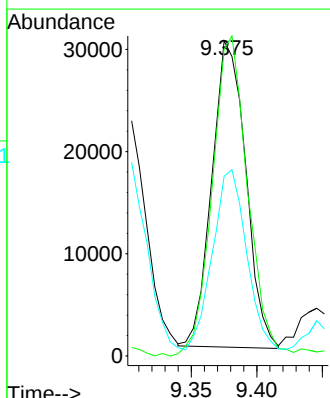
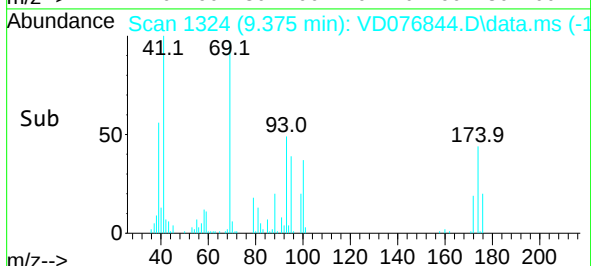
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

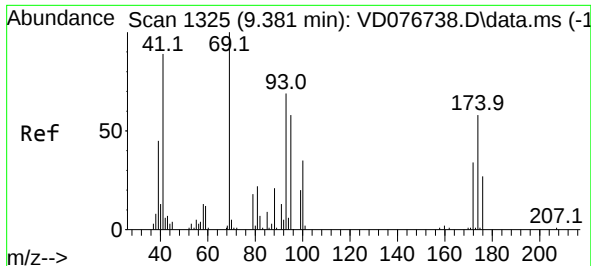


#48
Methyl methacrylate
Concen: 53.355 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



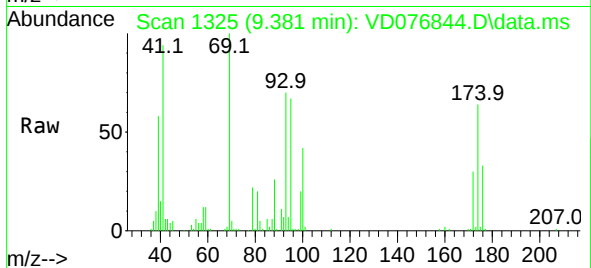
Tgt Ion: 41 Resp: 53747
Ion Ratio Lower Upper
41 100
69 108.7 102.2 153.2
39 64.0 41.4 62.2#





#49
1,4-Dioxane
Concen: 1147.655 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

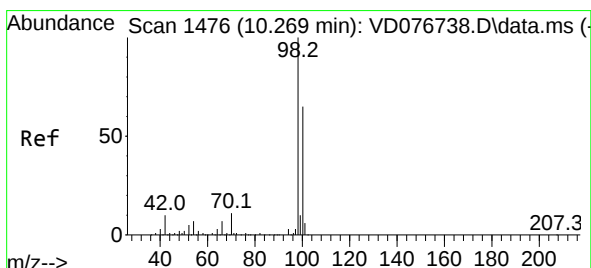
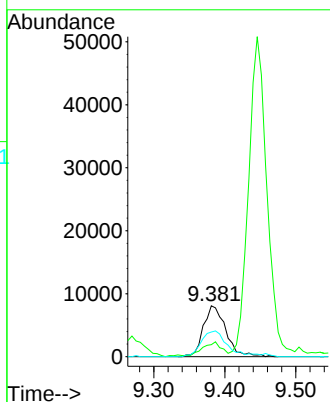
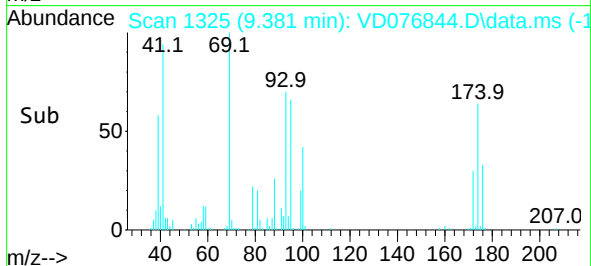
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1777
Ion Ratio Lower Upper
88 100
43 21.5 19.0 28.6
58 59.1 43.5 65.3

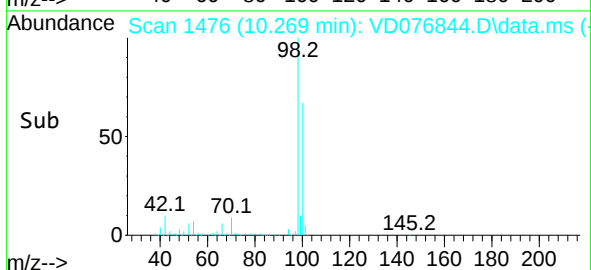
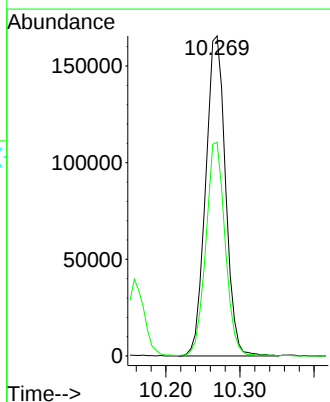
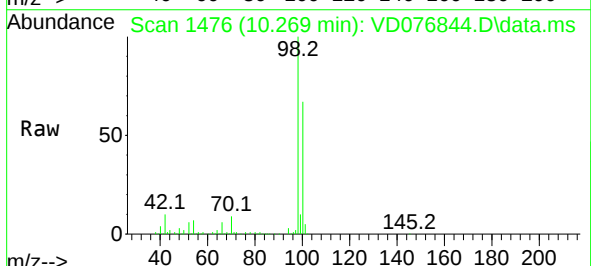
Manual Integrations
APPROVED

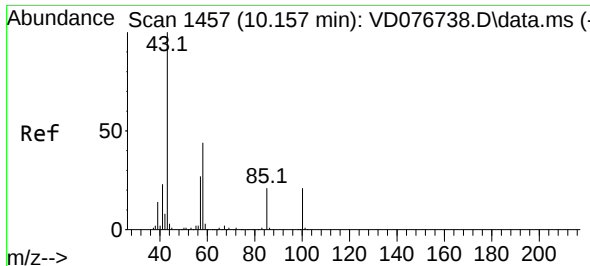
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#50
Toluene-d8
Concen: 44.390 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

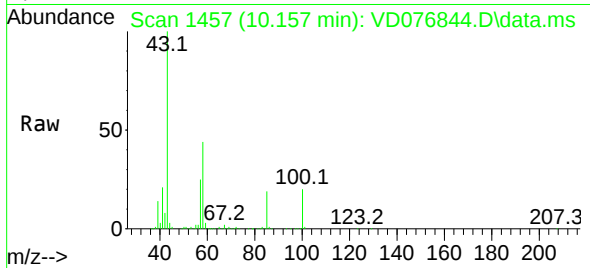
Tgt Ion: 98 Resp: 308181
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 288.162 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

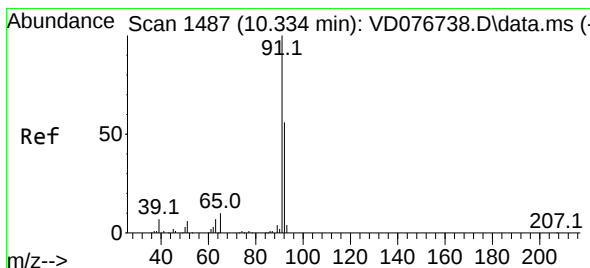
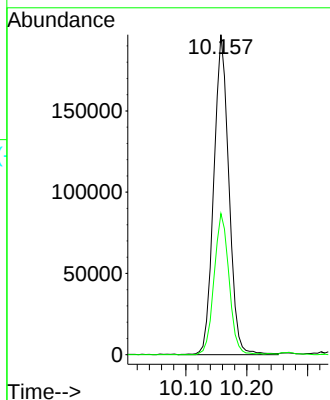
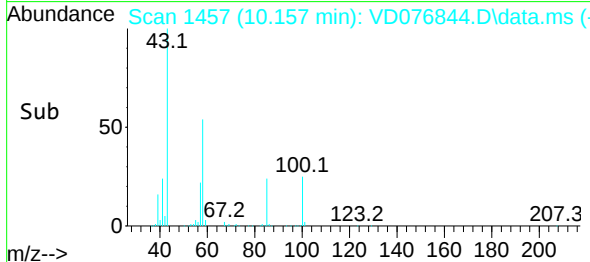
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



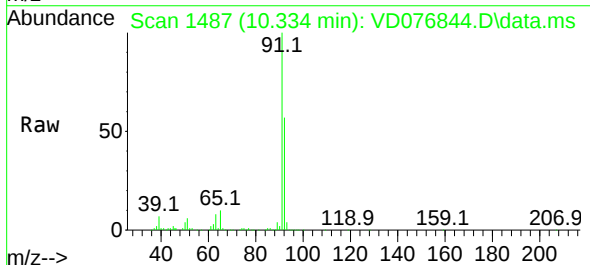
Tgt Ion: 43 Resp: 339579
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3

Manual Integrations
APPROVED

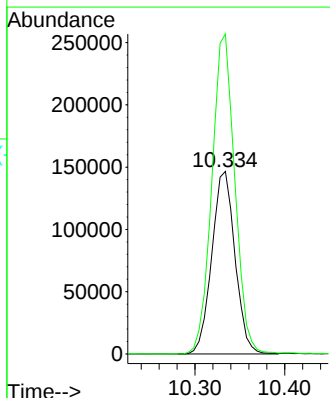
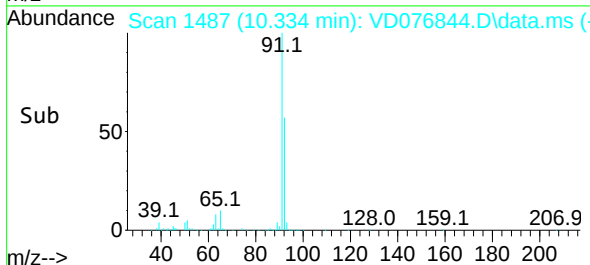
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

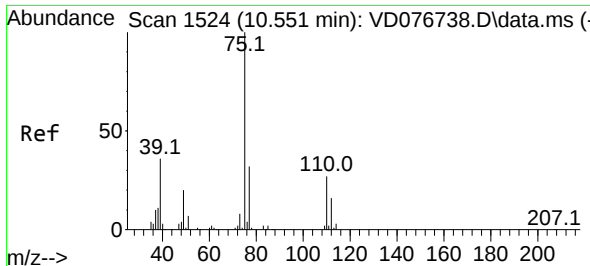


#52
Toluene
Concen: 50.023 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



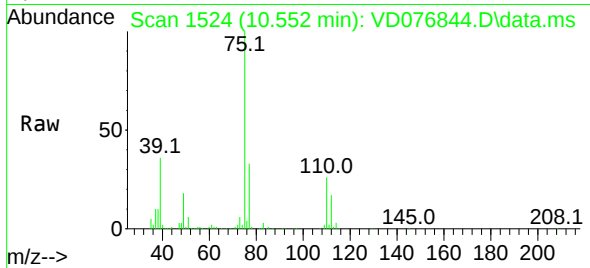
Tgt Ion: 92 Resp: 262884
Ion Ratio Lower Upper
92 100
91 174.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 51.661 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

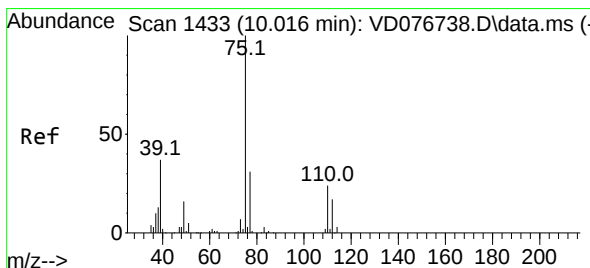
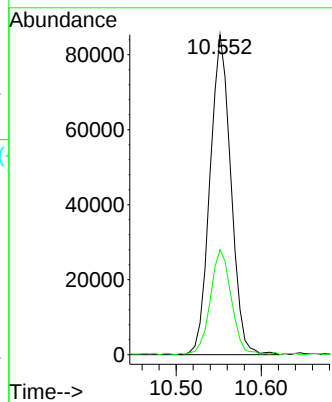
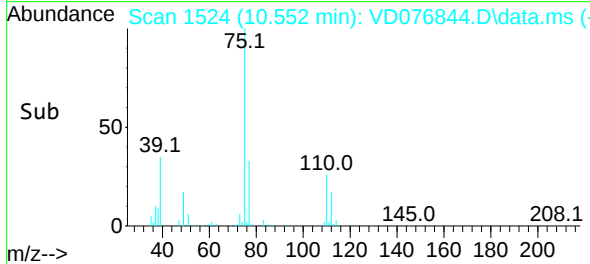
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 145479
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9

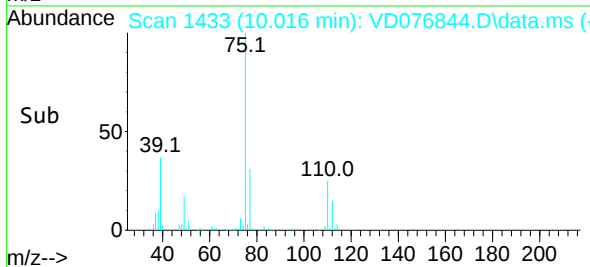
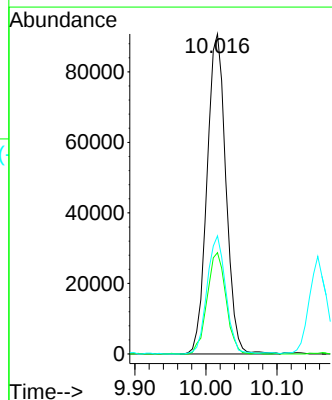
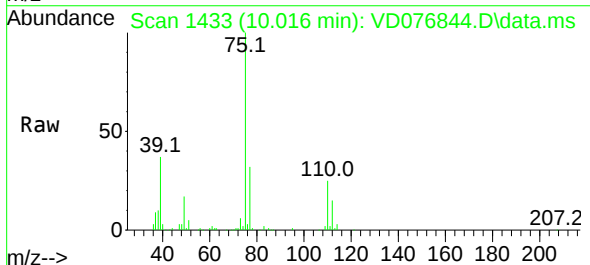
Manual Integrations
APPROVED

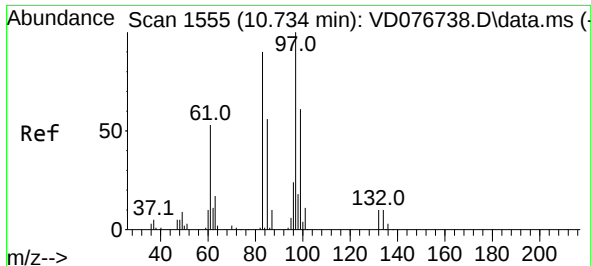
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#54
cis-1,3-Dichloropropene
Concen: 50.571 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

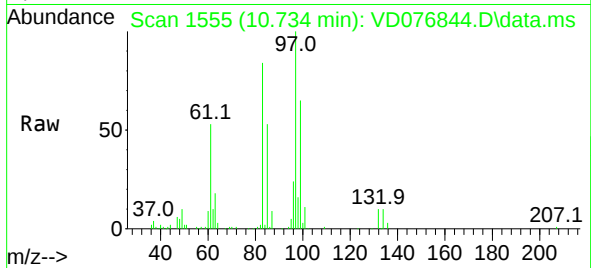
Tgt Ion: 75 Resp: 167838
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 36.9 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 52.451 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

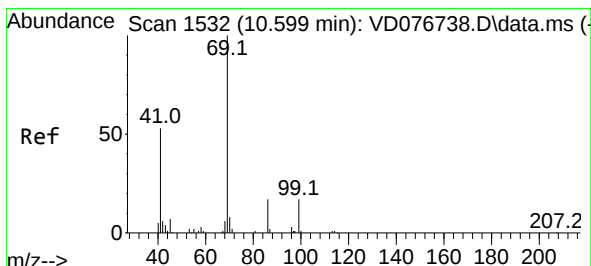
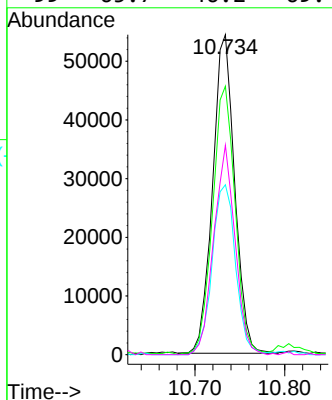
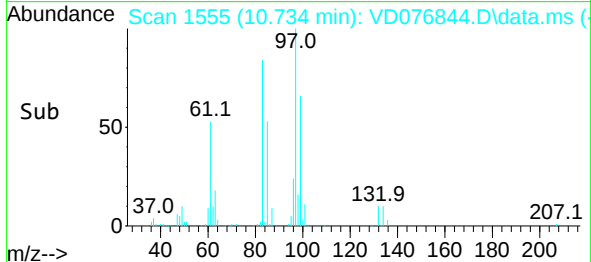
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



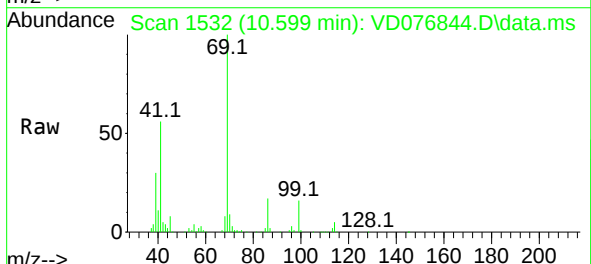
Tgt Ion:	97	Resp:	9259
Ion Ratio	100	Lower	Upper
97	100		
83	84.3	65.8	98.6
85	53.3	45.7	68.5
99	65.7	46.2	69.4

Manual Integrations
APPROVED

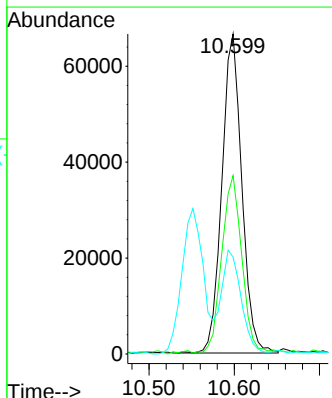
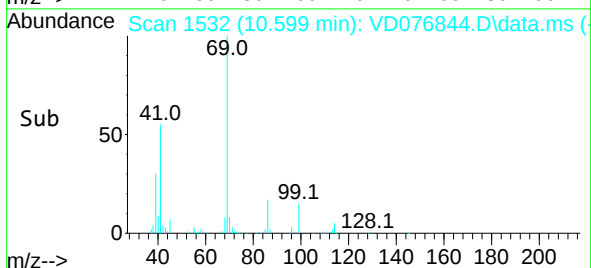
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

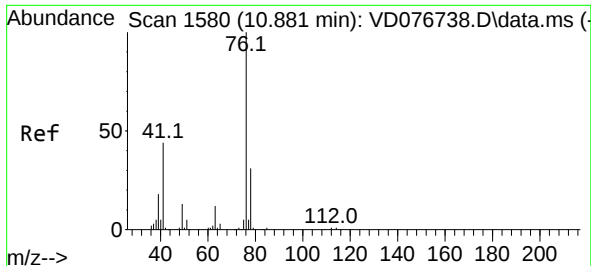


#56
Ethyl methacrylate
Concen: 53.128 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



Tgt Ion:	69	Resp:	108257
Ion Ratio	100	Lower	Upper
69	100		
41	56.3	39.1	58.7
39	31.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 52.008 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 149528

Ion Ratio Lower Upper

76 100

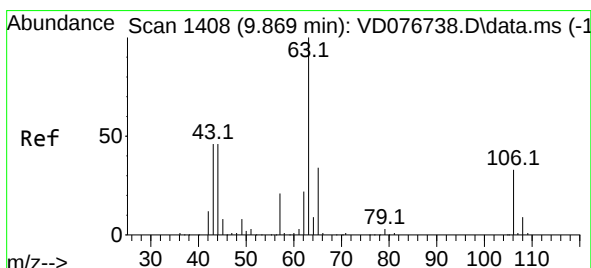
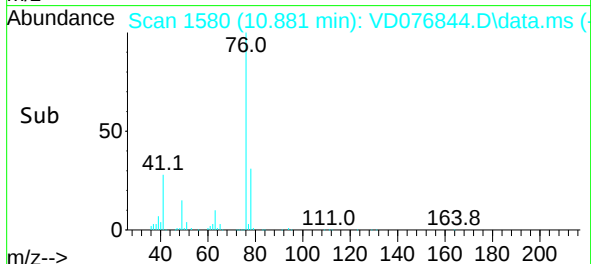
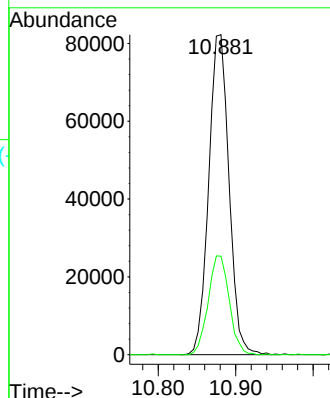
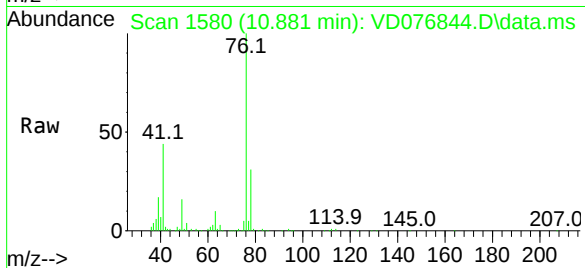
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 233.700 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076844.D

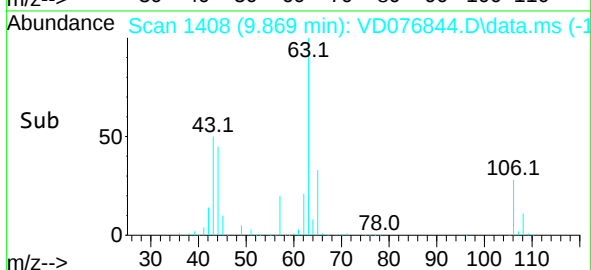
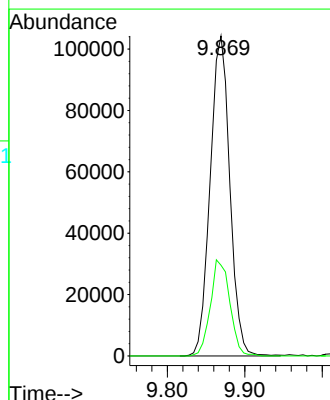
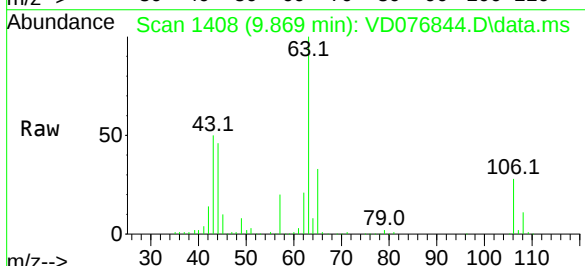
Acq: 27 Jul 2023 20:02

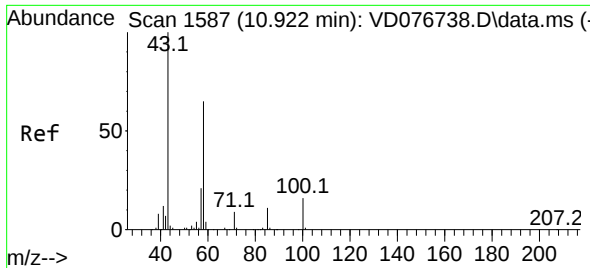
Tgt Ion: 63 Resp: 184329

Ion Ratio Lower Upper

63 100

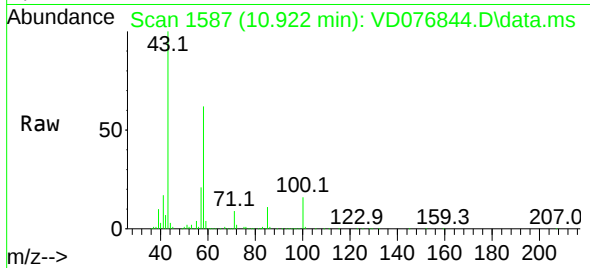
106 29.7 25.3 37.9





#59
2-Hexanone
Concen: 277.799 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

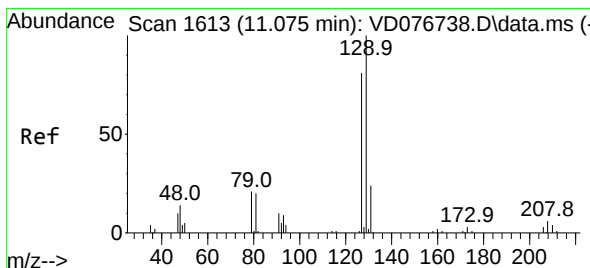
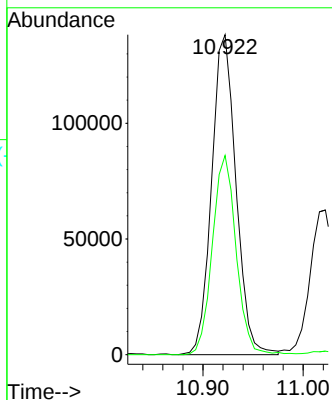
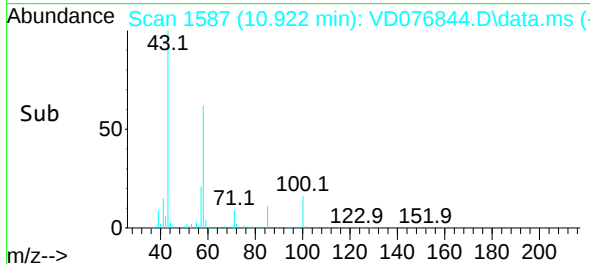
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 233590
Ion Ratio Lower Upper
43 100
58 60.7 34.1 102.2

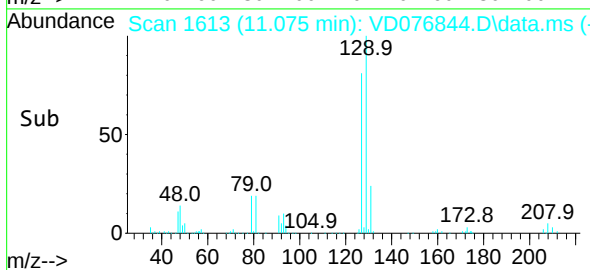
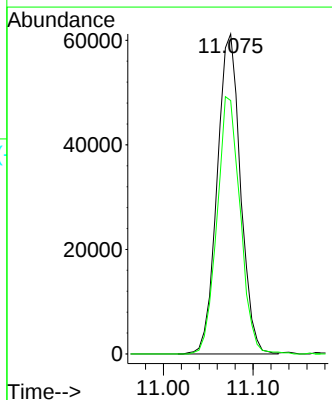
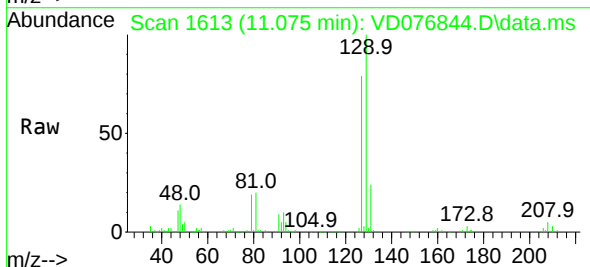
Manual Integrations
APPROVED

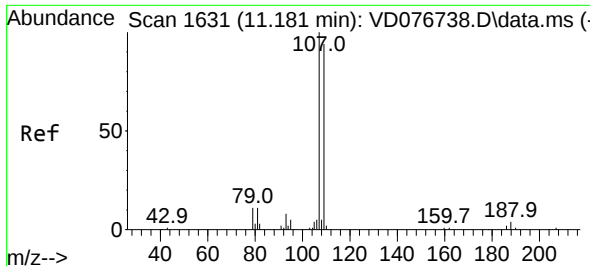
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#60
Dibromochloromethane
Concen: 53.863 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

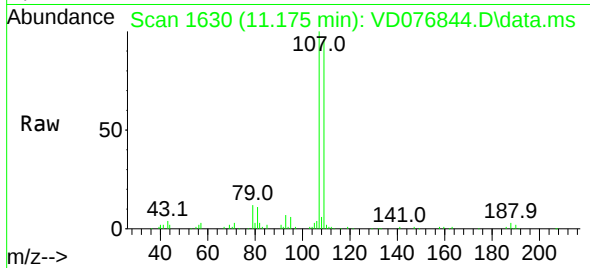
Tgt Ion:129 Resp: 110469
Ion Ratio Lower Upper
129 100
127 80.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 52.257 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

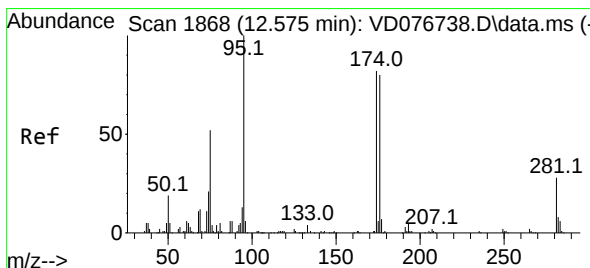
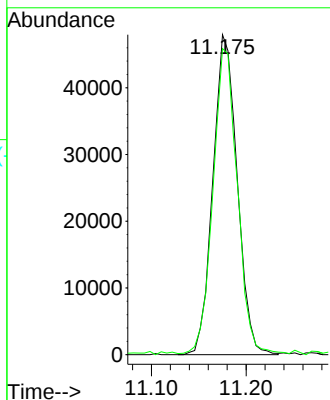
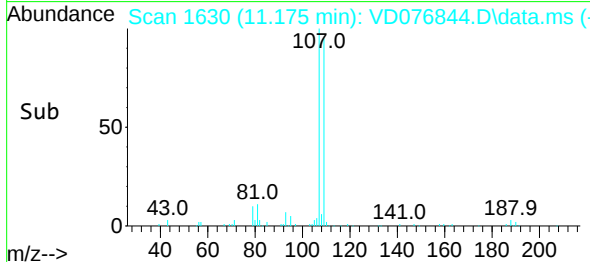
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 8553
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4

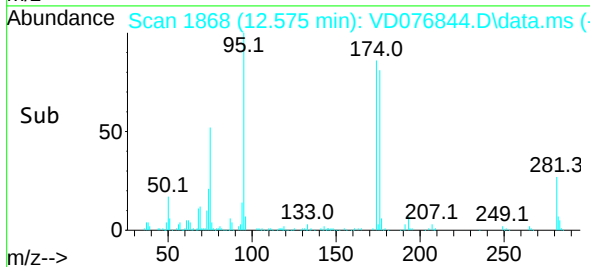
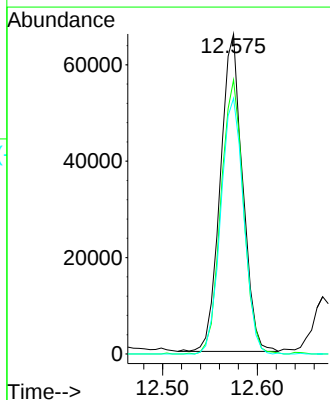
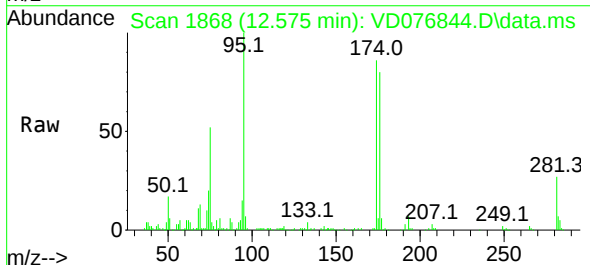
Manual Integrations
APPROVED

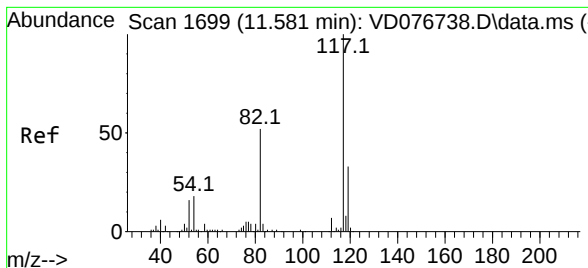
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#62
4-Bromofluorobenzene
Concen: 47.920 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

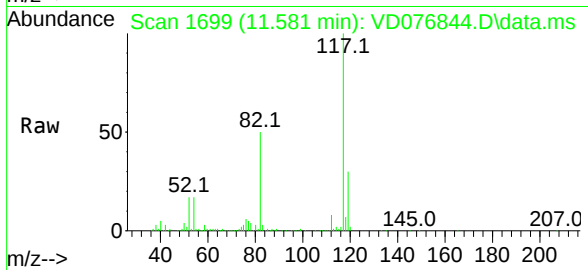
Tgt Ion: 95 Resp: 107623
Ion Ratio Lower Upper
95 100
174 87.0 0.0 201.8
176 82.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

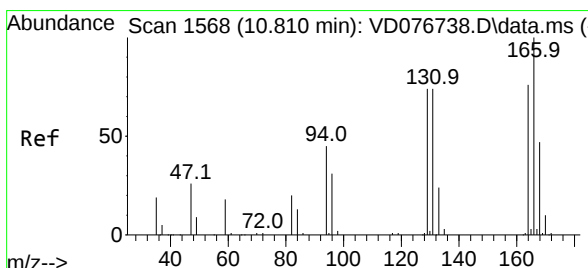
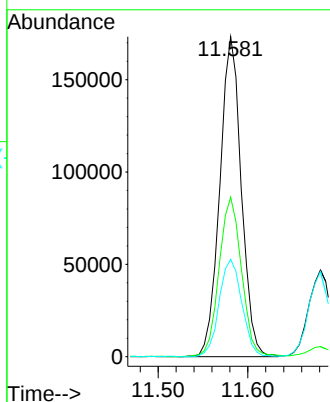
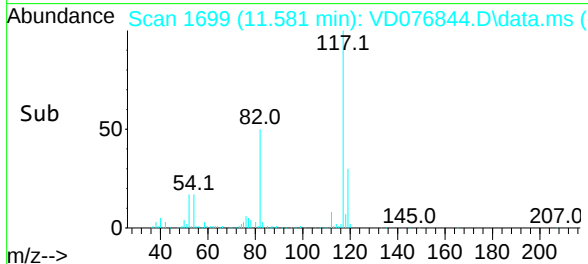
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 288386
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 30.5 25.0 37.4

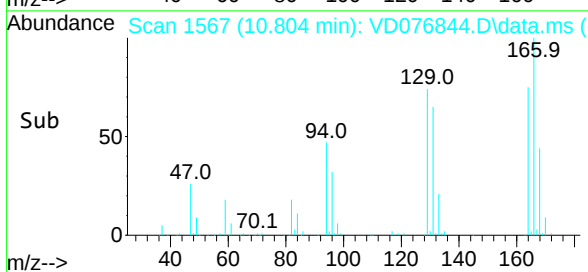
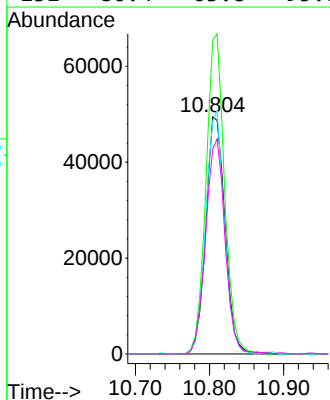
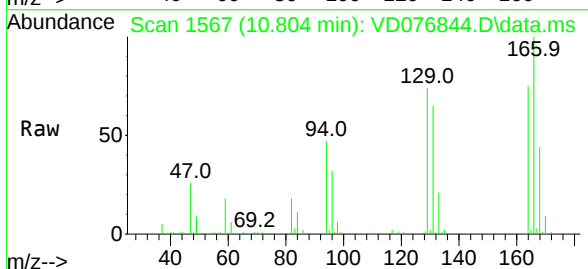
Manual Integrations
APPROVED

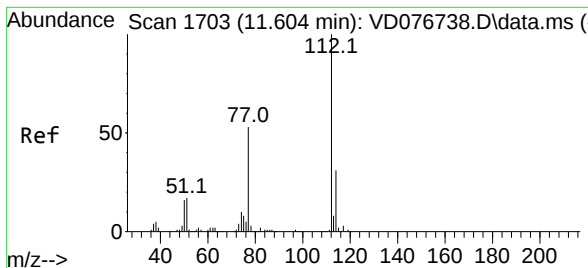
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#64
Tetrachloroethene
Concen: 54.221 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

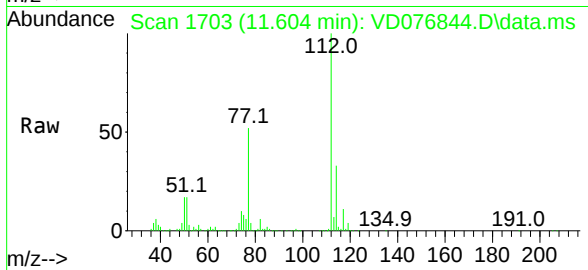
Tgt Ion:164 Resp: 89163
Ion Ratio Lower Upper
164 100
166 132.5 99.2 148.8
129 98.2 68.4 102.6
131 86.4 63.8 95.8





#65
Chlorobenzene
Concen: 50.483 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

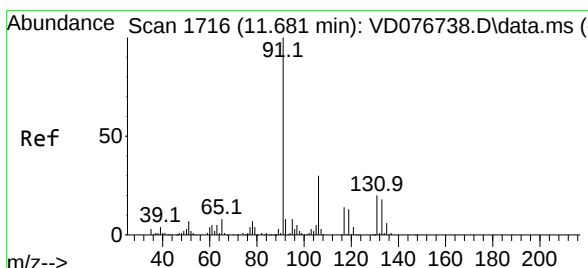
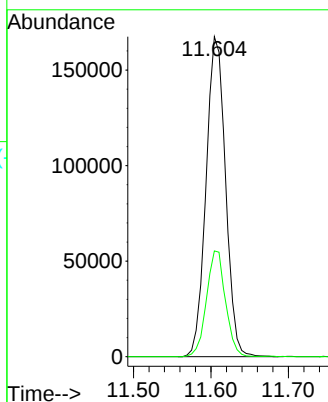
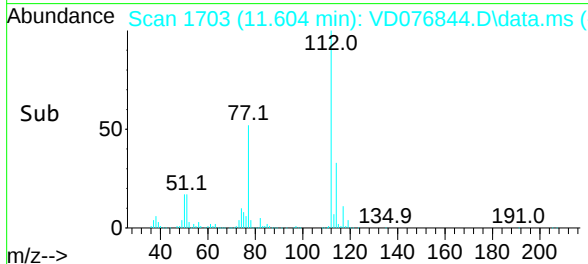
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



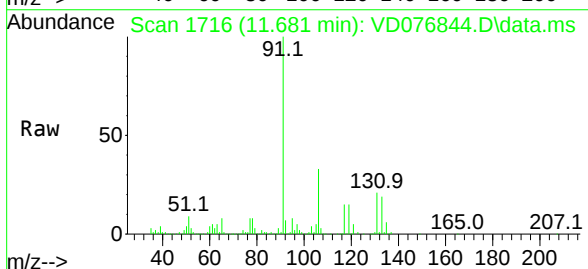
Tgt Ion:112 Resp: 292809
Ion Ratio Lower Upper
112 100
114 33.1 25.1 37.7

Manual Integrations
APPROVED

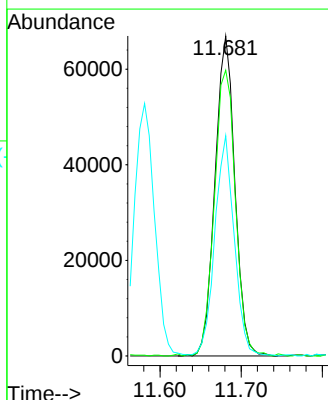
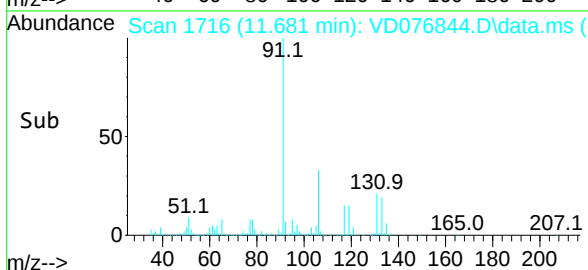
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

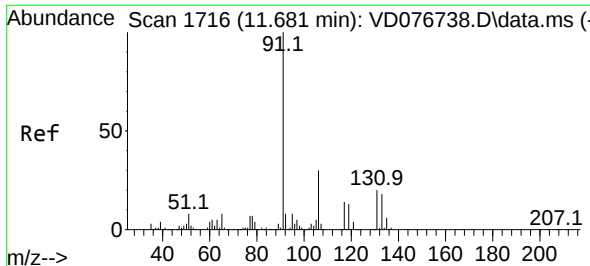


#66
1,1,1,2-Tetrachloroethane
Concen: 52.823 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



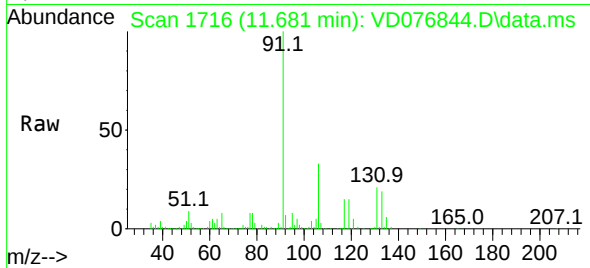
Tgt Ion:131 Resp: 114065
Ion Ratio Lower Upper
131 100
133 94.9 48.5 145.5
119 67.6 35.6 106.9





#67
Ethyl Benzene
Concen: 50.208 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

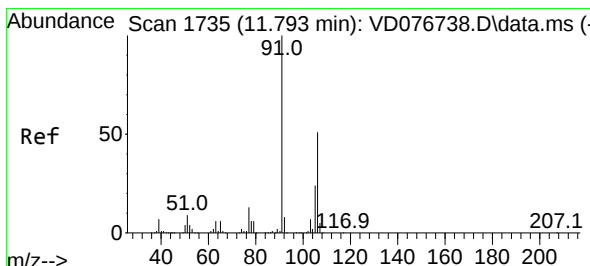
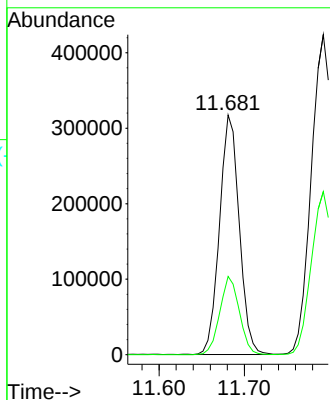
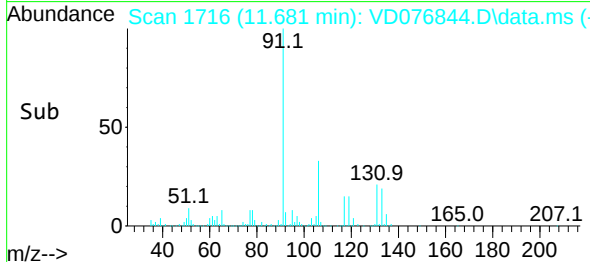
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



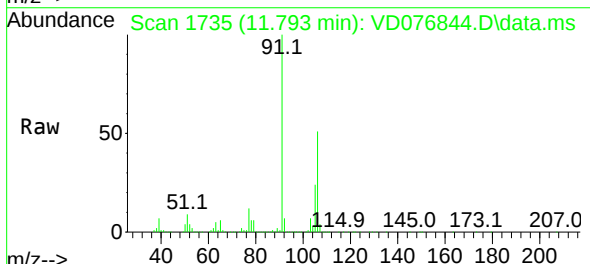
Tgt Ion: 91 Resp: 511423
Ion Ratio Lower Upper
91 100
106 32.7 26.5 39.7

Manual Integrations
APPROVED

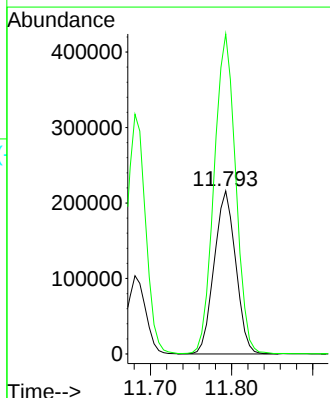
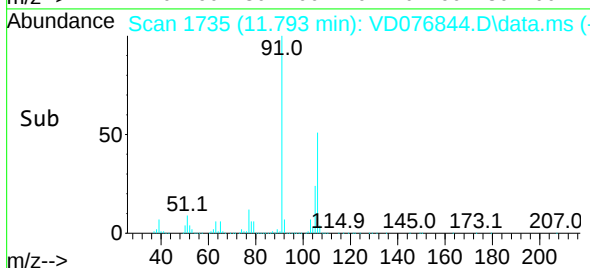
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

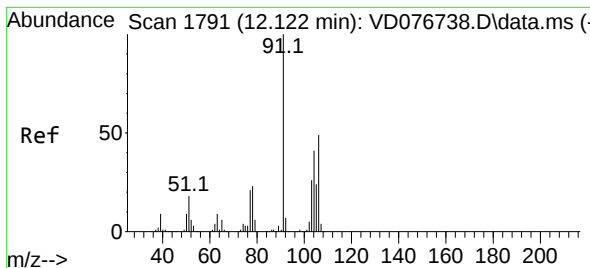


#68
m/p-Xylenes
Concen: 101.868 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



Tgt Ion:106 Resp: 398512
Ion Ratio Lower Upper
106 100
91 196.1 147.0 220.6





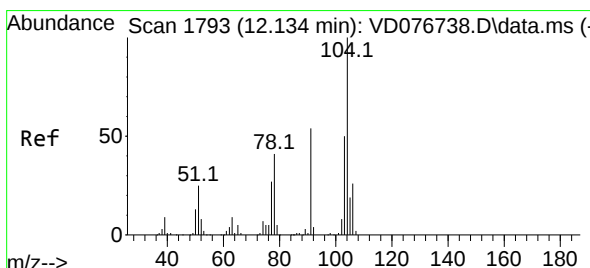
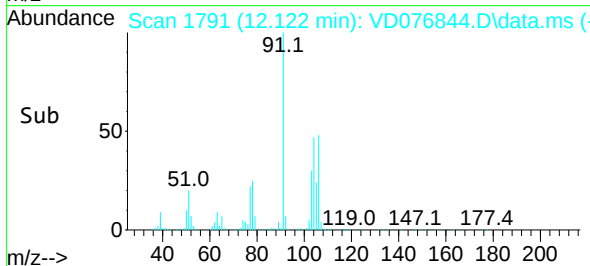
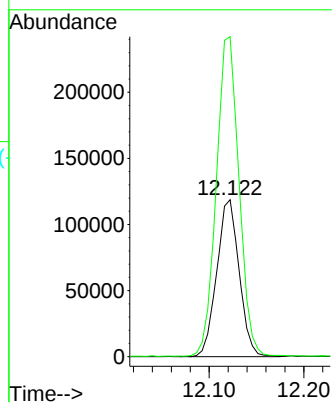
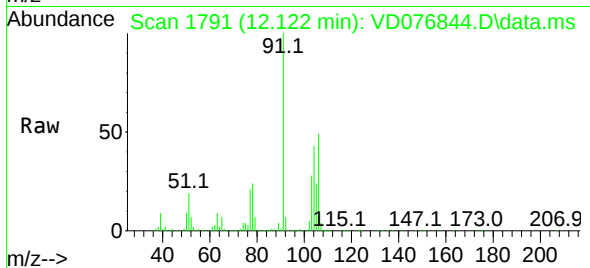
#69
o-Xylene
Concen: 51.546 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 194997
Ion Ratio Lower Upper
106 100
91 206.6 97.9 293.6

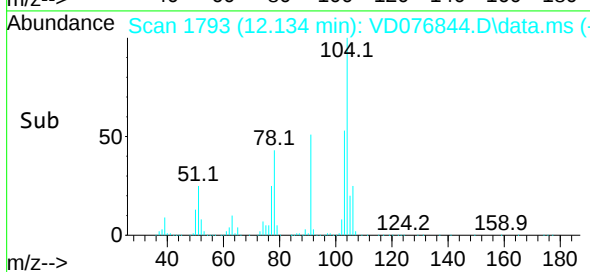
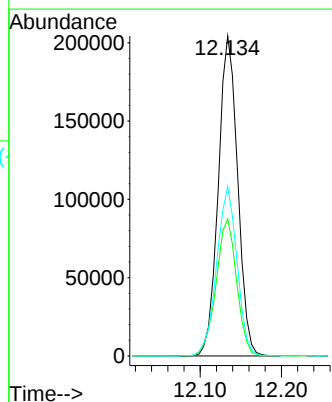
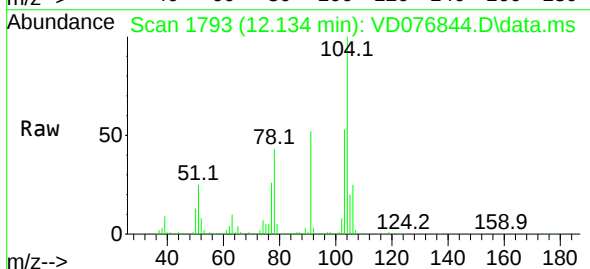
Manual Integrations
APPROVED

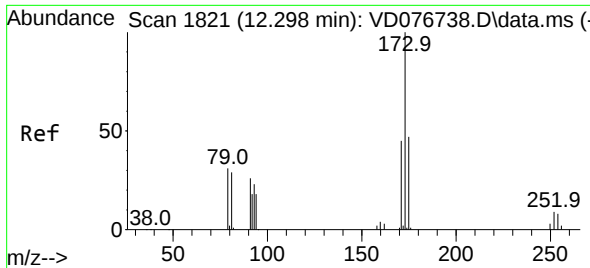
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#70
Styrene
Concen: 51.216 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

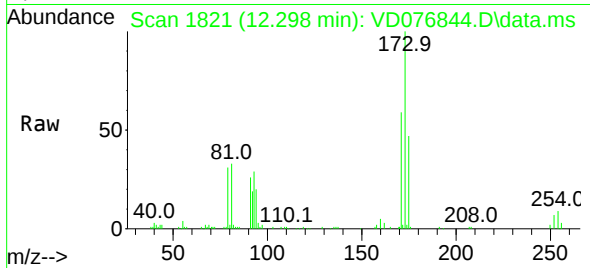
Tgt Ion:104 Resp: 339170
Ion Ratio Lower Upper
104 100
78 45.6 33.2 49.8
103 55.7 43.6 65.4





#71
Bromoform
Concen: 55.310 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

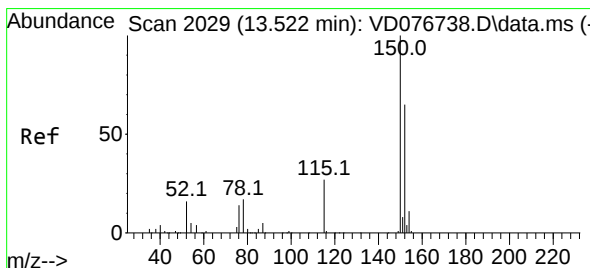
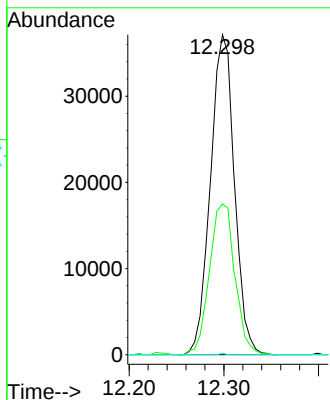
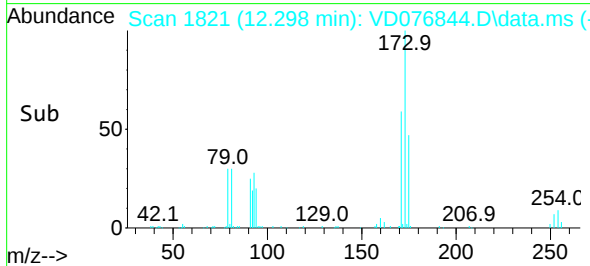
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



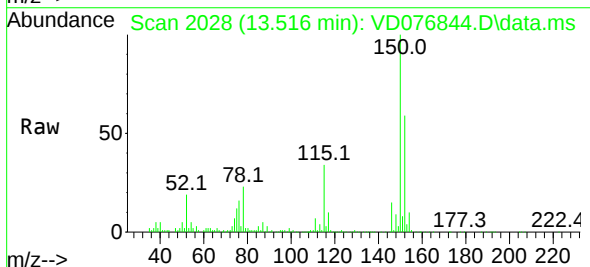
Tgt Ion:173 Resp: 65411
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

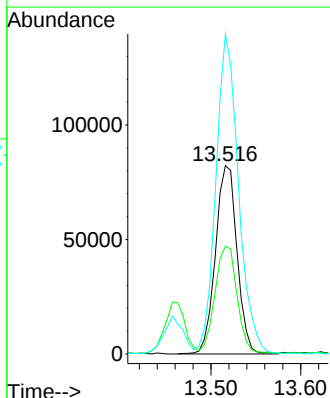
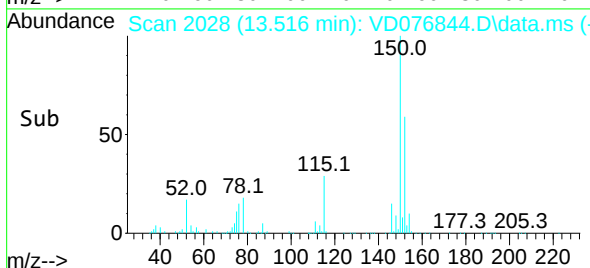
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

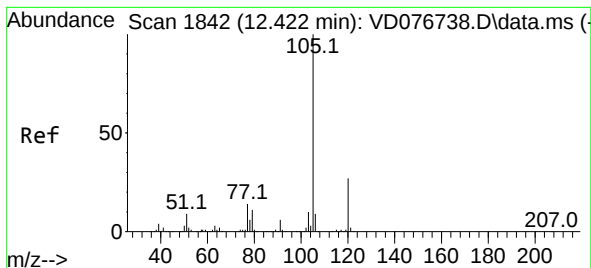


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



Tgt Ion:152 Resp: 137471
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 177.4 0.0 353.6





#73

Isopropylbenzene

Concen: 51.822 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 51686

Ion Ratio Lower Upper

105 100

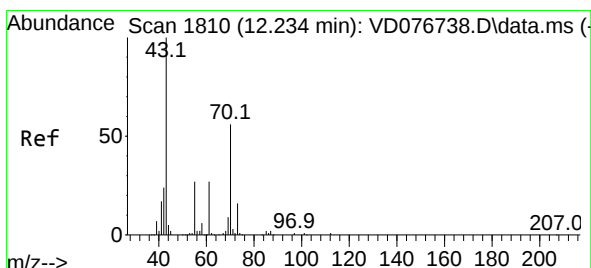
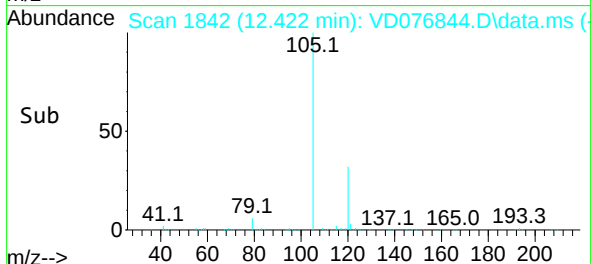
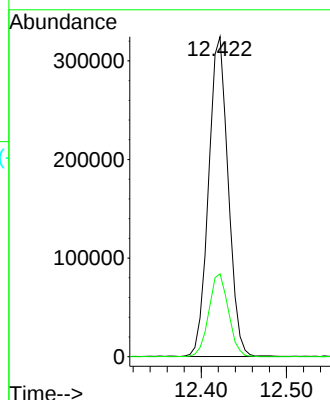
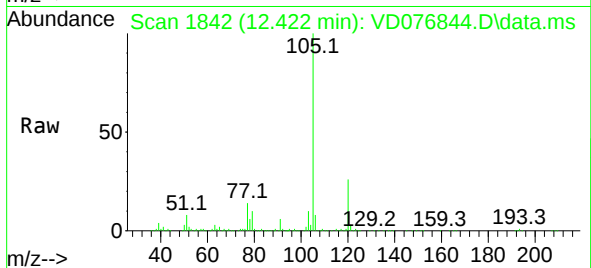
120 26.0 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#74

N-ethyl acetate

Concen: 54.021 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Tgt Ion: 43 Resp: 113509

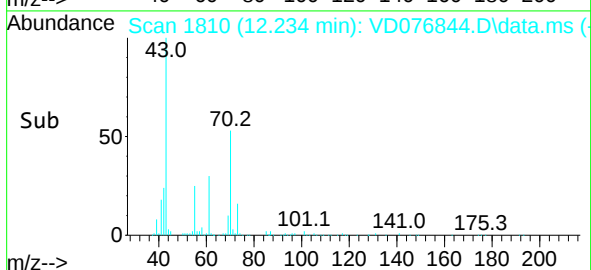
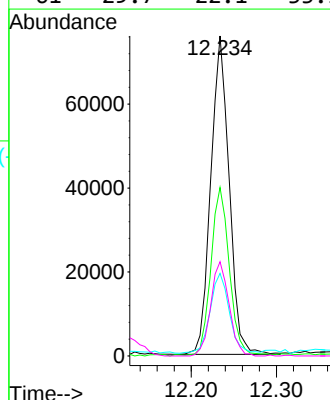
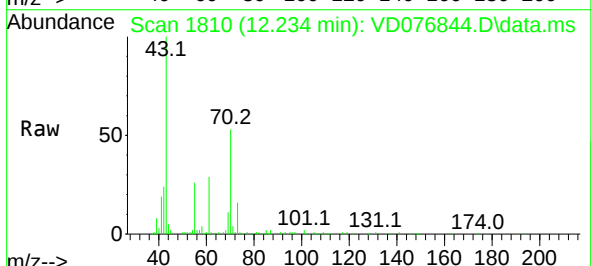
Ion Ratio Lower Upper

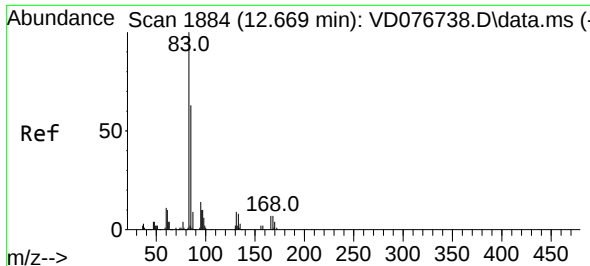
43 100

70 53.8 45.0 67.4

55 26.2 23.8 35.6

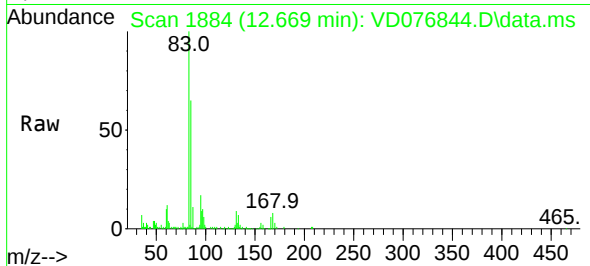
61 29.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 53.078 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

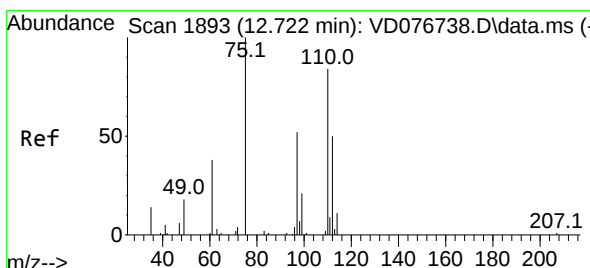
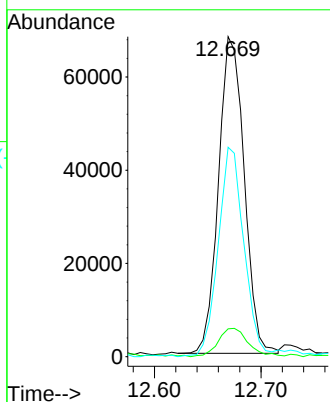
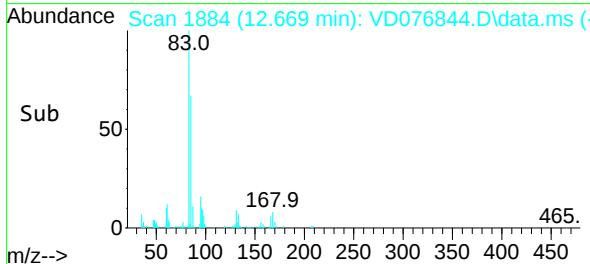
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



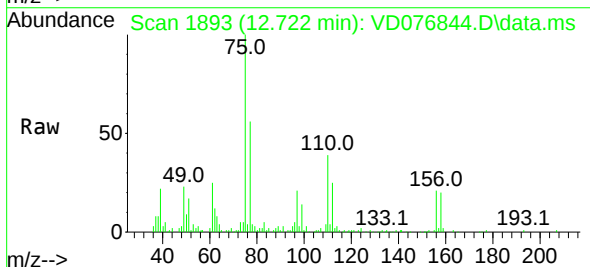
Tgt Ion: 83 Resp: 11366
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 66.3 32.6 97.8

Manual Integrations
APPROVED

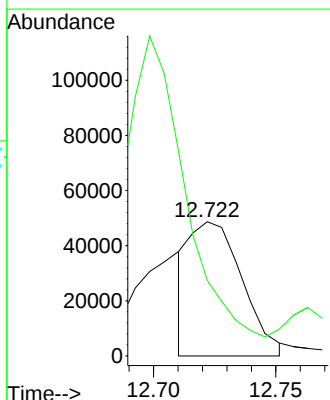
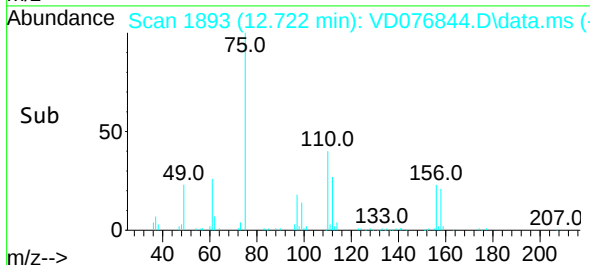
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

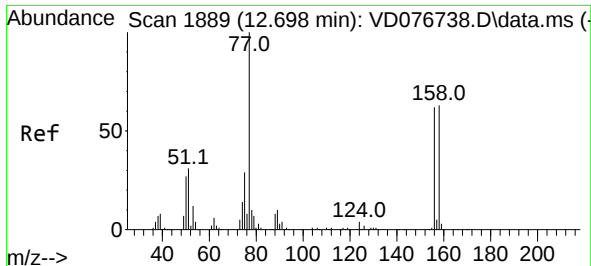


#76
1,2,3-Trichloropropane
Concen: 55.742 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



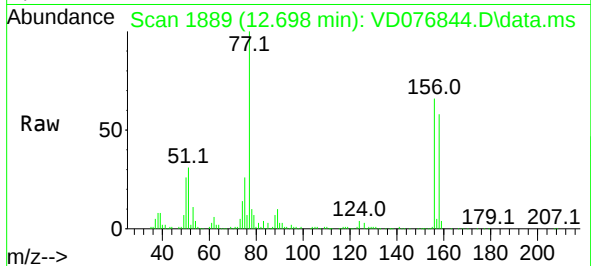
Tgt Ion: 75 Resp: 72873
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 53.621 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

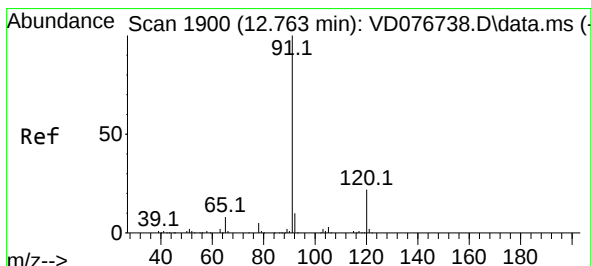
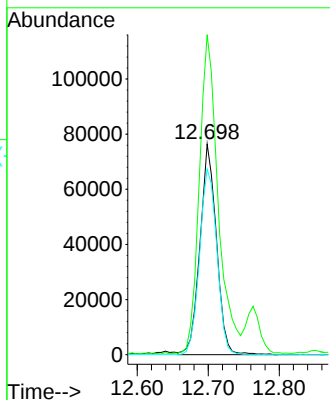
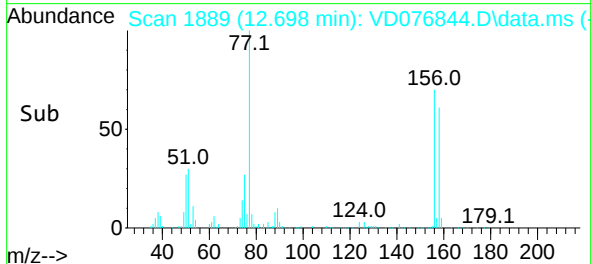
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



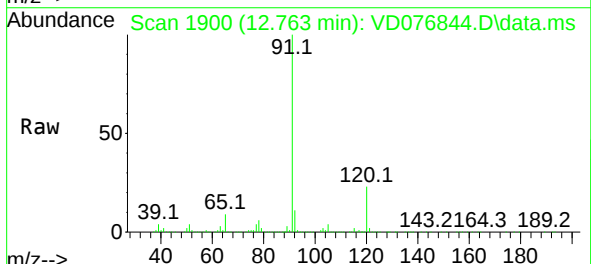
Tgt Ion:156 Resp: 123440
Ion Ratio Lower Upper
156 100
77 172.7 76.8 230.4
158 92.3 48.6 145.9

Manual Integrations
APPROVED

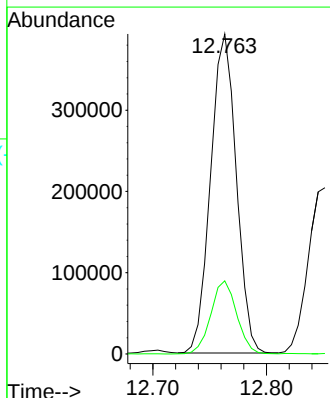
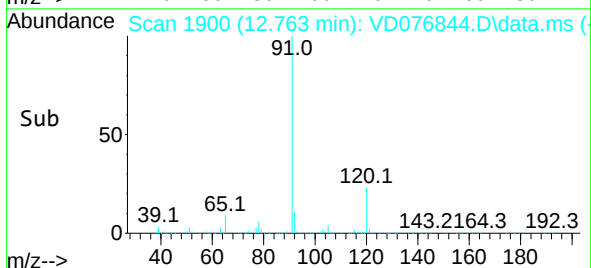
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

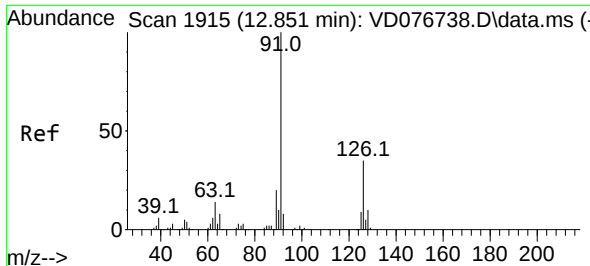


#78
n-propylbenzene
Concen: 51.127 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



Tgt Ion: 91 Resp: 618201
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.2





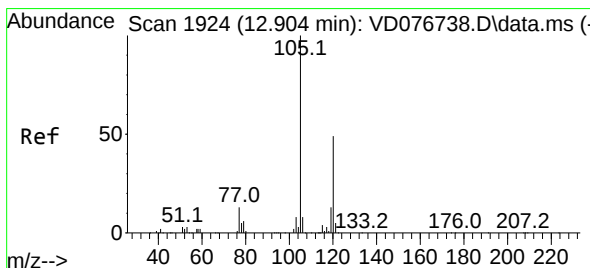
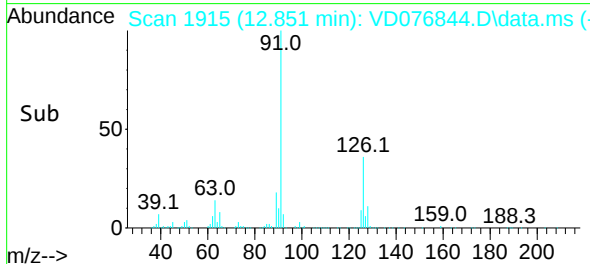
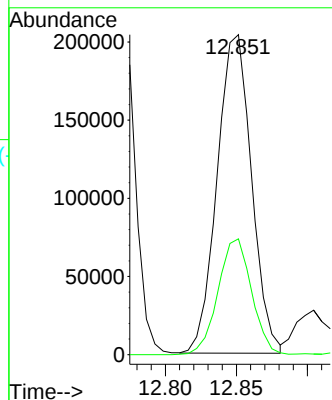
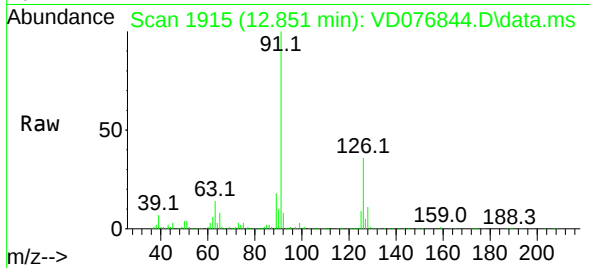
#79
2-Chlorotoluene
Concen: 51.763 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 34318
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1

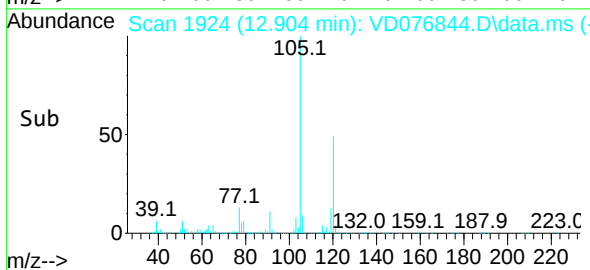
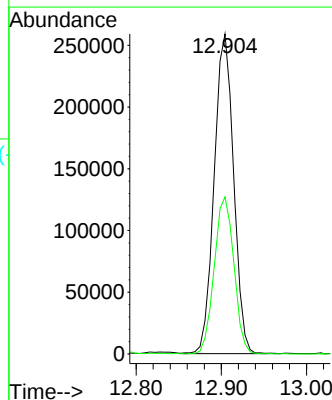
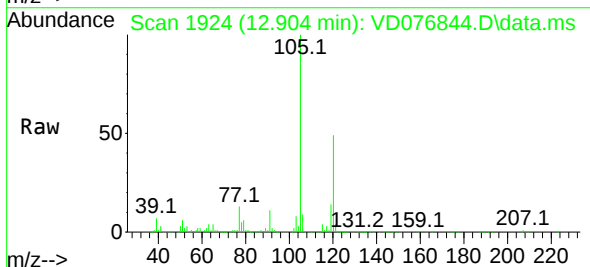
Manual Integrations
APPROVED

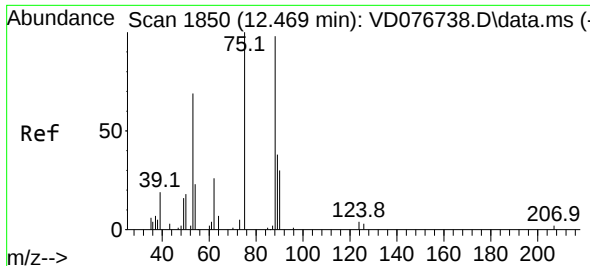
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.040 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

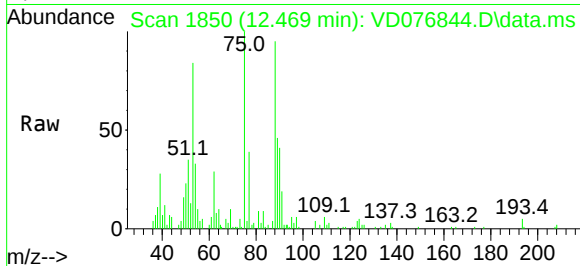
Tgt Ion:105 Resp: 411621
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 49.139 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

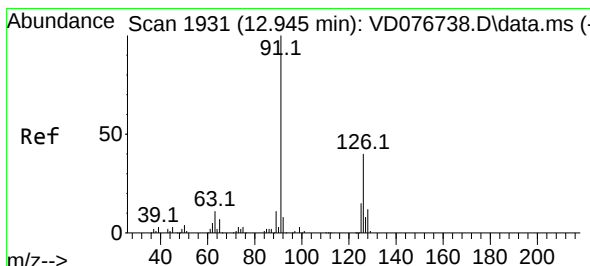
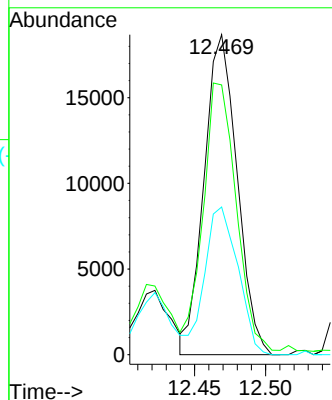
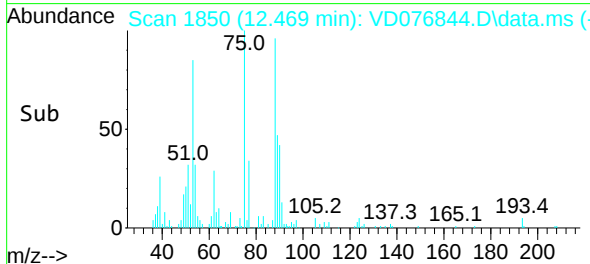
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 30185
Ion Ratio Lower Upper
75 100
53 85.9 63.0 94.4
89 47.1 37.9 56.9

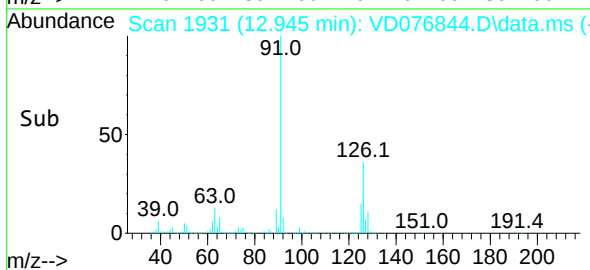
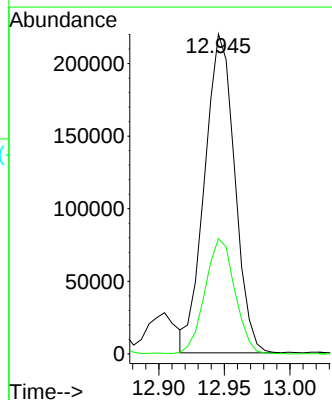
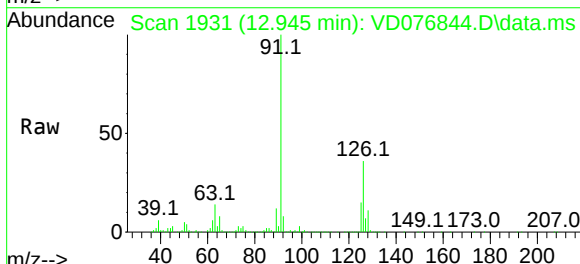
Manual Integrations
APPROVED

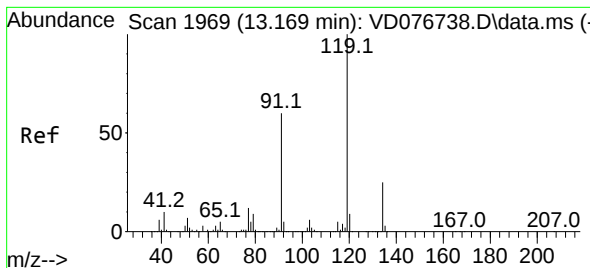
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#82
4-Chlorotoluene
Concen: 50.624 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

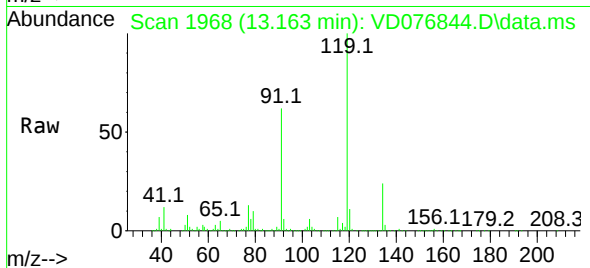
Tgt Ion: 91 Resp: 350624
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.4





#83
tert-Butylbenzene
Concen: 53.419 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

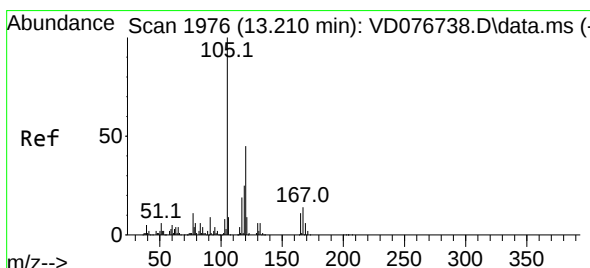
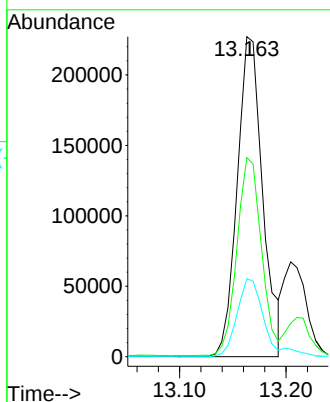
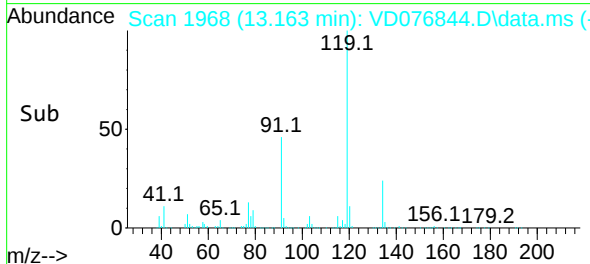
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



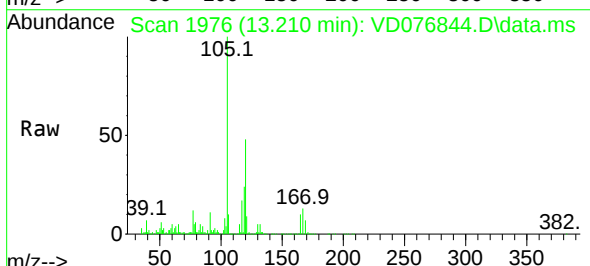
Tgt Ion:119 Resp: 37932
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 26.0 14.1 42.3

Manual Integrations
APPROVED

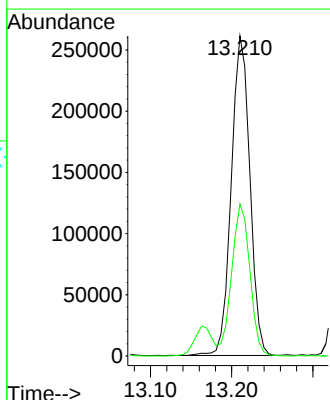
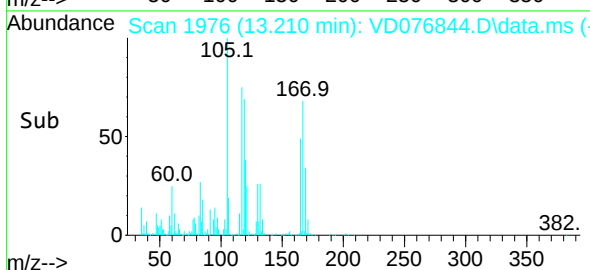
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

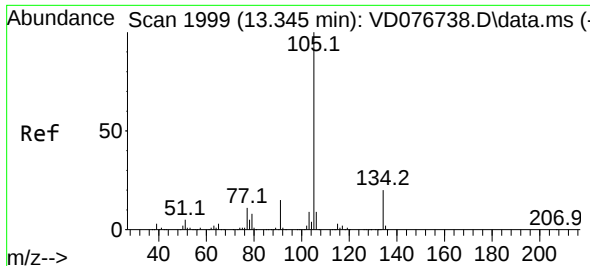


#84
1,2,4-Trimethylbenzene
Concen: 50.304 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



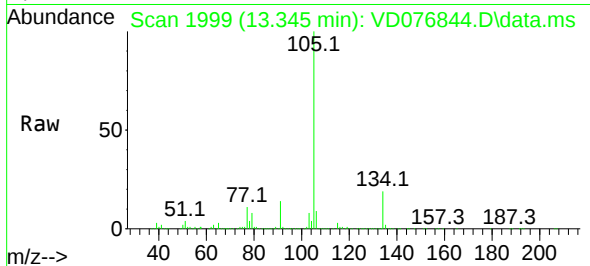
Tgt Ion:105 Resp: 414572
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 52.720 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076844.D
 Acq: 27 Jul 2023 20:02

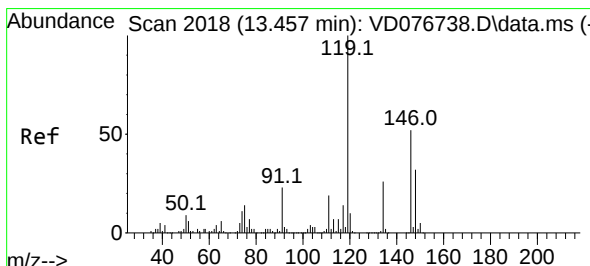
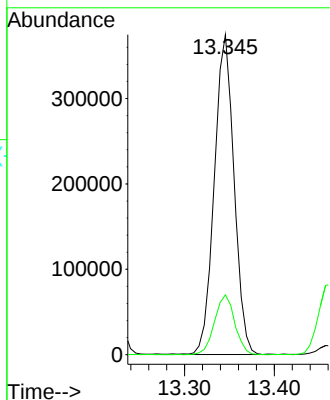
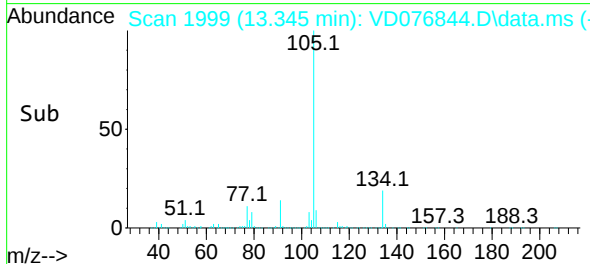
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



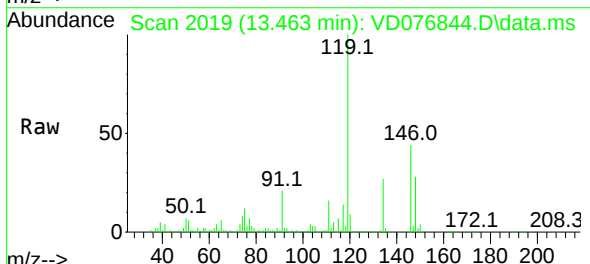
Tgt Ion:105 Resp: 571950
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9

Manual Integrations
 APPROVED

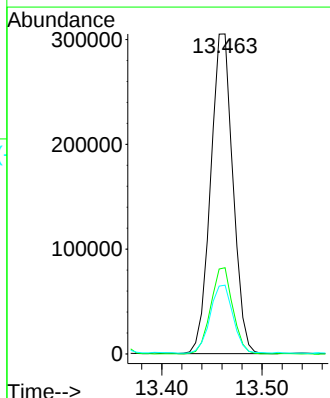
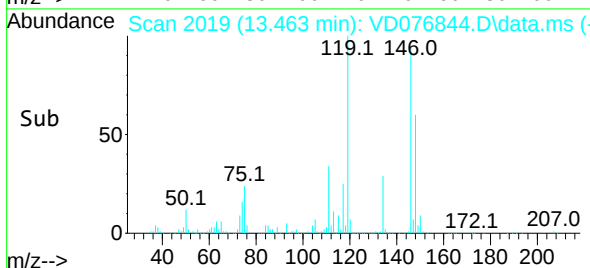
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

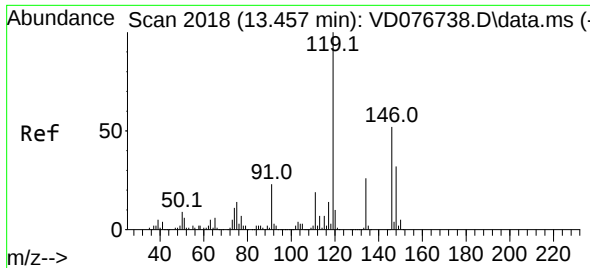


#86
 p-Isopropyltoluene
 Concen: 52.421 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076844.D
 Acq: 27 Jul 2023 20:02



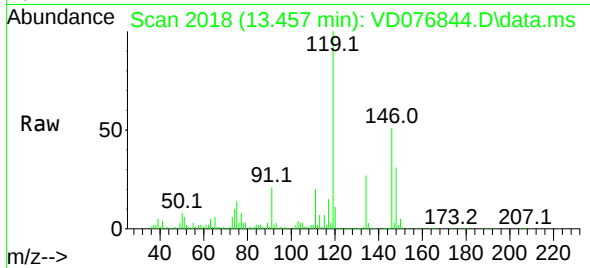
Tgt Ion:119 Resp: 469685
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.9 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 51.272 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

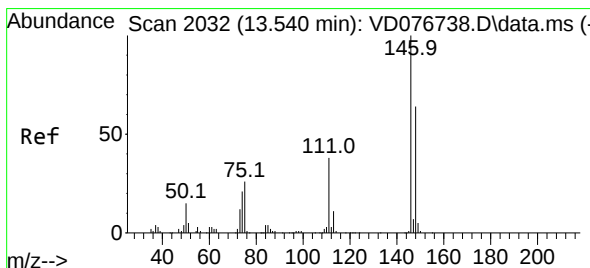
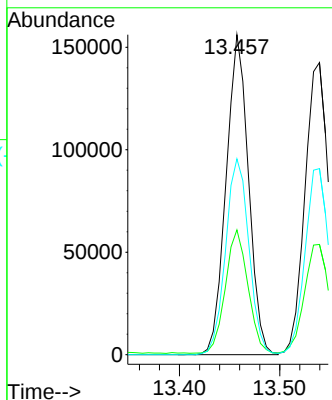
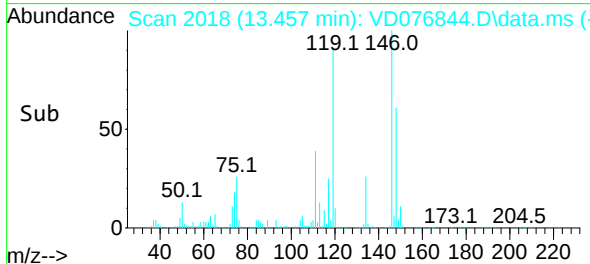
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



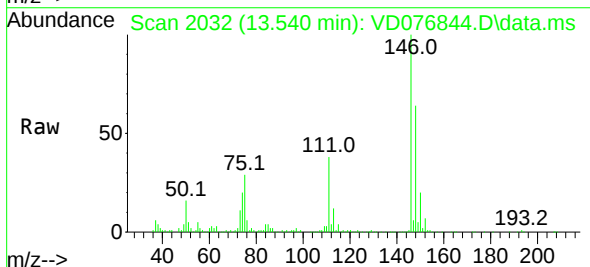
Tgt Ion:146 Resp: 242782
Ion Ratio Lower Upper
146 100
111 38.5 17.9 53.8
148 63.7 32.3 96.8

Manual Integrations
APPROVED

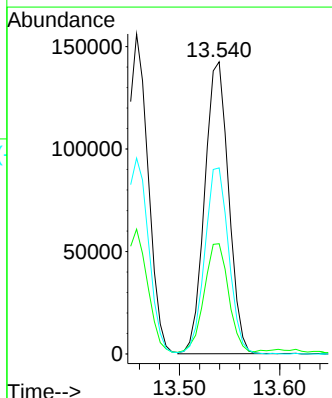
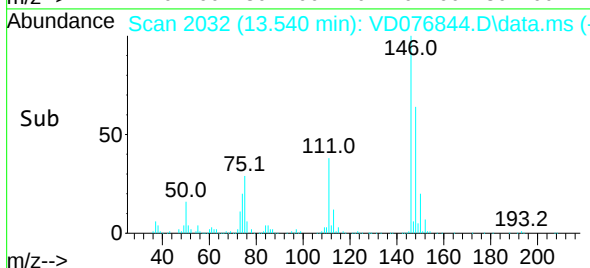
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

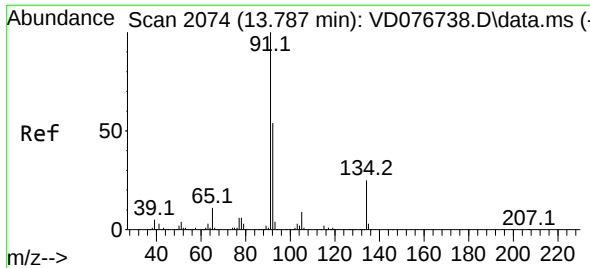


#88
1,4-Dichlorobenzene
Concen: 50.851 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



Tgt Ion:146 Resp: 235915
Ion Ratio Lower Upper
146 100
111 38.1 17.4 52.3
148 64.0 31.7 95.1





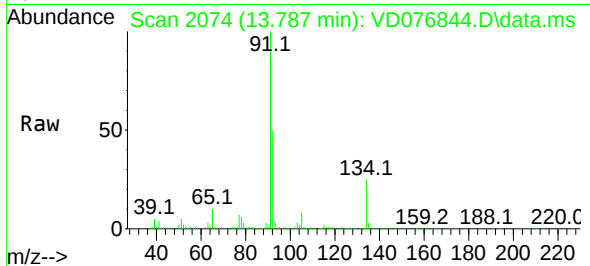
#89
n-Butylbenzene
Concen: 51.987 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



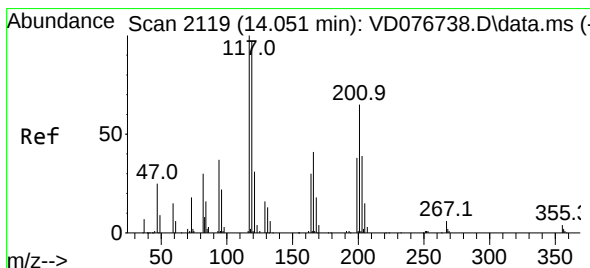
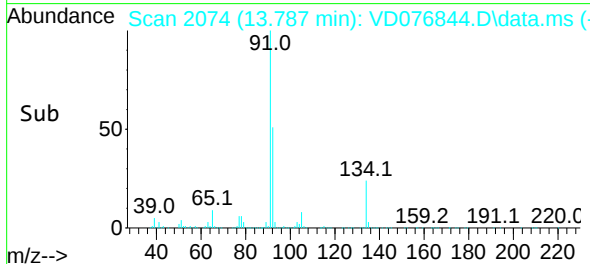
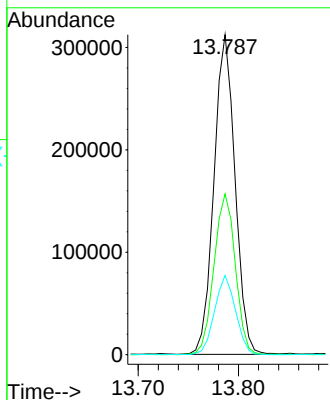
Tgt Ion: 91 Resp: 455800
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 24.7 13.8 41.3

Manual Integrations

APPROVED

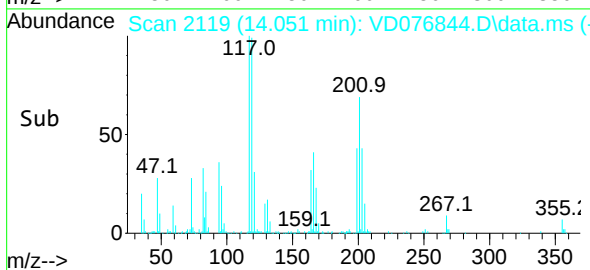
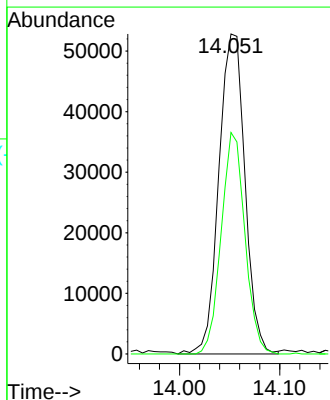
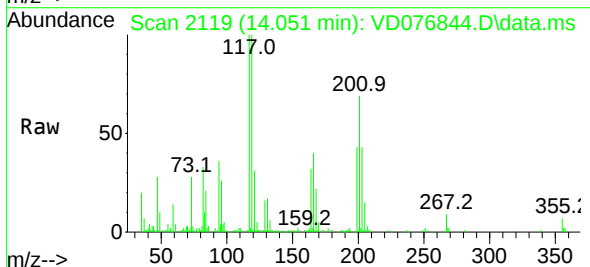
Reviewed By :John Carlone 07/28/2023

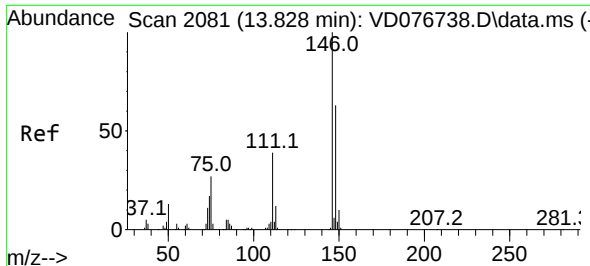
Supervised By :Mahesh Dadoda 07/28/2023



#90
Hexachloroethane
Concen: 57.653 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

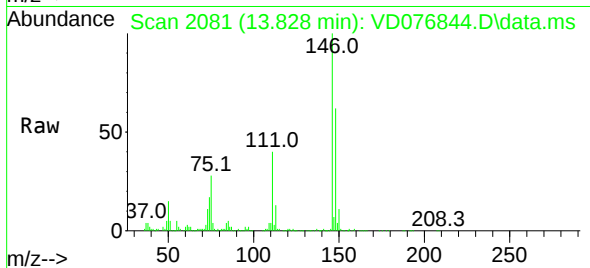
Tgt Ion:117 Resp: 95500
Ion Ratio Lower Upper
117 100
201 62.9 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 51.786 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

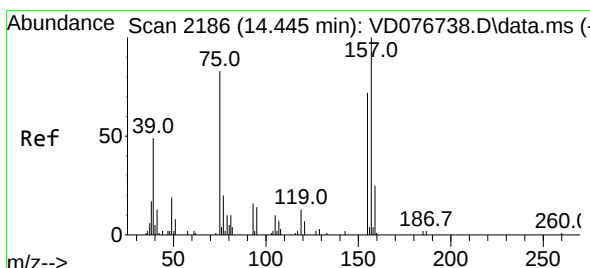
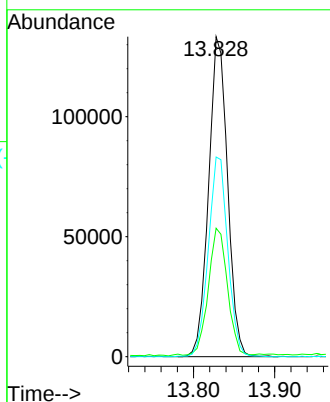
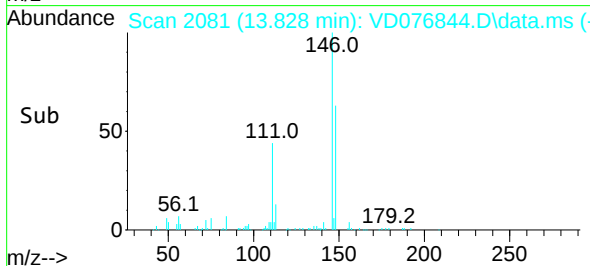
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



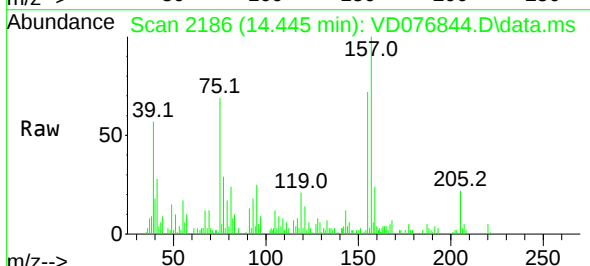
Tgt Ion:146 Resp: 216078
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 64.2 31.6 94.7

Manual Integrations
APPROVED

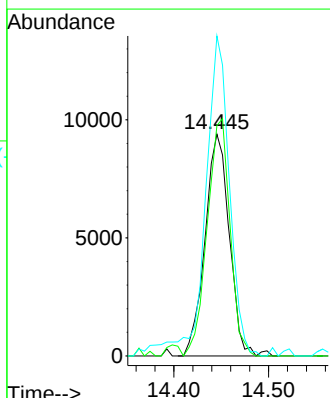
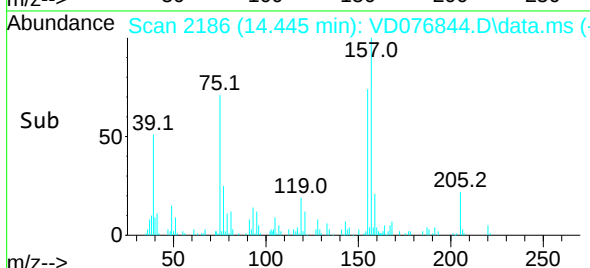
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

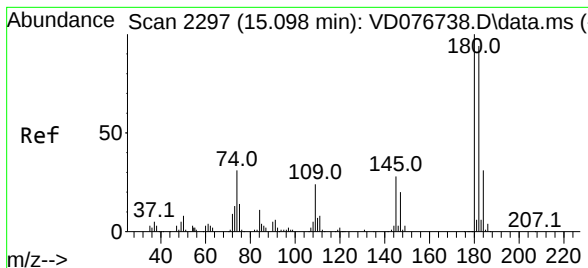


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.681 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



Tgt Ion: 75 Resp: 16696
Ion Ratio Lower Upper
75 100
155 100.3 47.9 143.8
157 144.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.777 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 134440

Ion Ratio Lower Upper

180 100

182 98.5 48.5 145.6

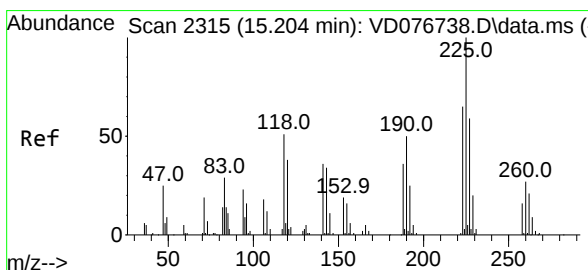
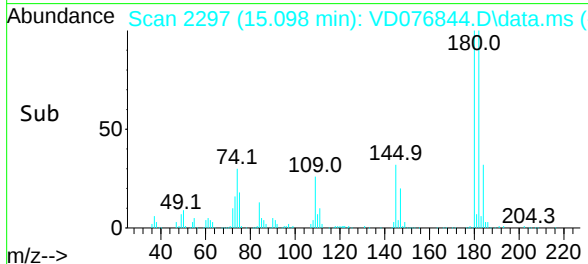
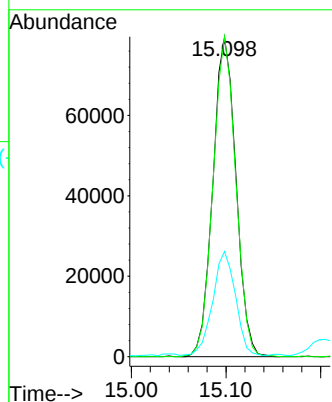
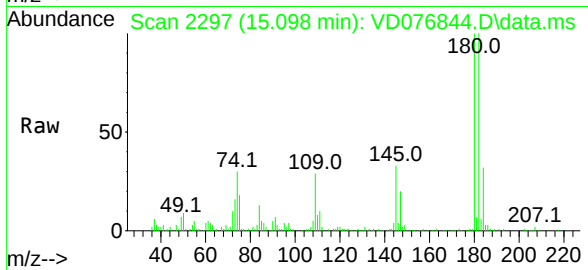
145 32.1 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#94

Hexachlorobutadiene

Concen: 51.522 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076844.D

Acq: 27 Jul 2023 20:02

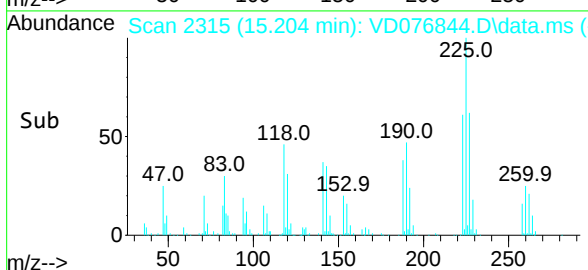
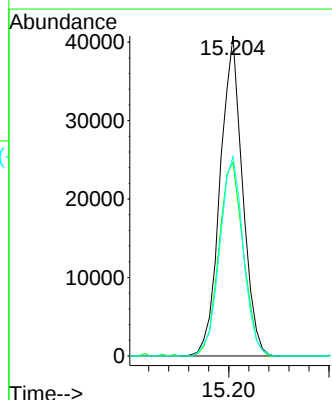
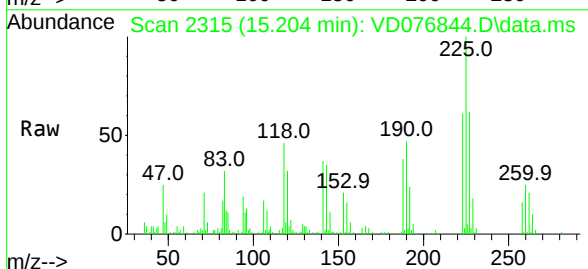
Tgt Ion:225 Resp: 63121

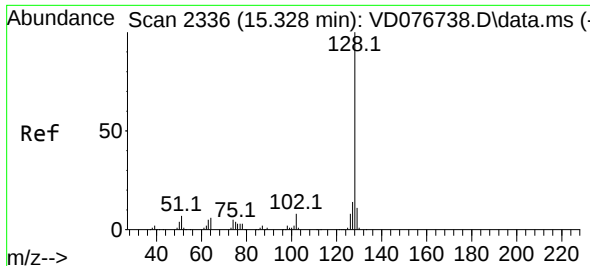
Ion Ratio Lower Upper

225 100

223 66.0 31.6 94.8

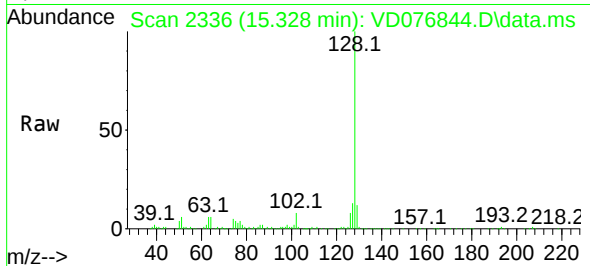
227 65.4 31.7 95.1





#95
Naphthalene
Concen: 60.057 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02

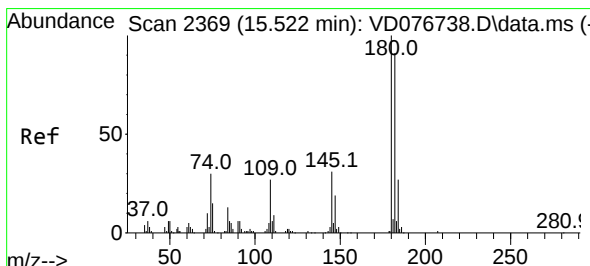
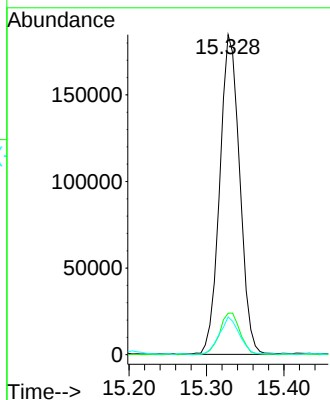
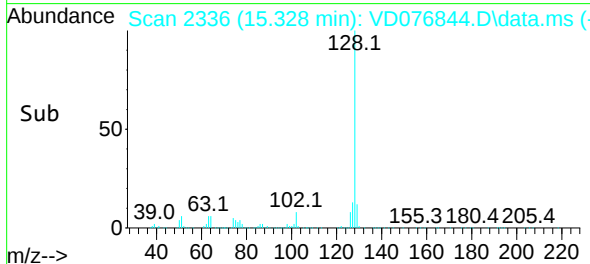
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



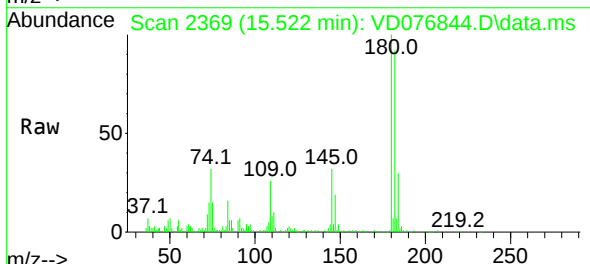
Tgt Ion:128 Resp: 331249
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 55.115 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076844.D
Acq: 27 Jul 2023 20:02



Tgt Ion:180 Resp: 125991
Ion Ratio Lower Upper
180 100
182 92.6 47.3 141.9
145 33.4 15.1 45.3

