

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077438.D
 Acq On : 30 Oct 2023 10:14
 Operator : JC/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 03:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 03:41:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	354092	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	620201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	556043	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	246666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52198	10.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.840%	#	
35) Dibromofluoromethane	7.810	113	44372	10.351	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.700%	#	
50) Toluene-d8	10.269	98	173982	10.449	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.900%	#	
62) 4-Bromofluorobenzene	12.575	95	57526	10.258	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.520%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	30806	10.790	ug/l	96
3) Chloromethane	2.152	50	43933	9.692	ug/l	99
4) Vinyl Chloride	2.287	62	41665	9.426	ug/l	96
5) Bromomethane	2.693	94	22982	9.922	ug/l	99
6) Chloroethane	2.840	64	29489	9.909	ug/l	92
7) Trichlorofluoromethane	3.181	101	62465	10.091	ug/l	92
8) Diethyl Ether	3.593	74	23504	10.563	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.975	101	37073	9.921	ug/l	95
10) Methyl Iodide	4.163	142	36189	10.333	ug/l #	90
11) Tert butyl alcohol	5.046	59	20793	52.425	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	34572	9.772	ug/l #	52
13) Acrolein	3.793	56	28087	53.701	ug/l	99
14) Allyl chloride	4.563	41	85816	10.055	ug/l #	83
15) Acrylonitrile	5.252	53	62499	51.959	ug/l	97
16) Acetone	4.028	43	67337	50.823	ug/l #	76
17) Carbon Disulfide	4.275	76	74619	10.080	ug/l #	93
18) Methyl Acetate	4.563	43	46687	9.660	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	115906	10.437	ug/l #	91
20) Methylene Chloride	4.805	84	55281	9.122	ug/l #	71
21) trans-1,2-Dichloroethene	5.316	96	39590	9.609	ug/l #	71
22) Diisopropyl ether	6.222	45	182537	10.063	ug/l #	87
23) Vinyl Acetate	6.157	43	388386	49.227	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	95275	10.123	ug/l	93
25) 2-Butanone	7.081	43	90985	51.484	ug/l #	79
26) 2,2-Dichloropropane	7.081	77	85814	10.288	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	51945	10.176	ug/l	68
28) Bromochloromethane	7.428	49	32288	9.354	ug/l #	57
29) Tetrahydrofuran	7.446	42	51804	49.425	ug/l #	74
30) Chloroform	7.598	83	91645	10.428	ug/l	91
31) Cyclohexane	7.875	56	76252	9.742	ug/l #	80
32) 1,1,1-Trichloroethane	7.798	97	75384	10.411	ug/l	94
36) 1,1-Dichloropropene	8.004	75	63563	10.001	ug/l	92
37) Ethyl Acetate	7.175	43	34486	9.455	ug/l #	93
38) Carbon Tetrachloride	7.987	117	61909	10.337	ug/l	90
39) Methylcyclohexane	9.269	83	69839	9.631	ug/l #	85
40) Benzene	8.251	78	182859	10.090	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	24939	10.686	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	60140	10.477	ug/l	92
43) Isopropyl Acetate	8.363	43	75391	10.016	ug/l #	83
44) Trichloroethene	9.034	130	45106	10.161	ug/l	90
45) 1,2-Dichloropropane	9.304	63	55275	10.360	ug/l	99
46) Dibromomethane	9.393	93	27012	10.520	ug/l #	86
47) Bromodichloromethane	9.587	83	70411	10.375	ug/l	97
48) Methyl methacrylate	9.387	41	36169	10.067	ug/l #	64
49) 1,4-Dioxane	9.375	88	5766	208.985	ug/l #	63
51) 4-Methyl-2-Pentanone	10.163	43	191732	51.752	ug/l #	83
52) Toluene	10.334	92	114742	10.386	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	74406	10.354	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	84590	10.229	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	35041	10.229	ug/l	94
56) Ethyl methacrylate	10.598	69	50967	10.006	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	67225	10.499	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	120582	47.288	ug/l #	86
59) 2-Hexanone	10.922	43	144775	53.046	ug/l	79
60) Dibromochloromethane	11.075	129	43020	10.444	ug/l	92
61) 1,2-Dibromoethane	11.181	107	33462	10.315	ug/l	99
64) Tetrachloroethene	10.810	164	36380	10.276	ug/l	96
65) Chlorobenzene	11.610	112	120077	10.308	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	44208	10.042	ug/l	99
67) Ethyl Benzene	11.687	91	229702	10.248	ug/l	94
68) m/p-Xylenes	11.792	106	166390	20.557	ug/l	81
69) o-Xylene	12.122	106	79745	10.286	ug/l	78
70) Styrene	12.134	104	138341	10.344	ug/l #	88
71) Bromoform	12.304	173	25785	10.565	ug/l #	99
73) Isopropylbenzene	12.422	105	213471	10.615	ug/l	95
74) N-amyl acetate	12.234	43	74089	10.401	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	42090	10.677	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	31234m	9.476	ug/l	
77) Bromobenzene	12.704	156	45166	10.203	ug/l	67
78) n-propylbenzene	12.763	91	269800	10.566	ug/l	94
79) 2-Chlorotoluene	12.851	91	154218	10.666	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	178405	10.572	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.469	75	17096	11.000	ug/l #	83
82) 4-Chlorotoluene	12.945	91	161974	10.755	ug/l	88
83) tert-Butylbenzene	13.169	119	151768	10.697	ug/l	89
84) 1,2,4-Trimethylbenzene	13.216	105	179270	10.695	ug/l	93
85) sec-Butylbenzene	13.345	105	232374	10.705	ug/l	94
86) p-Isopropyltoluene	13.463	119	187778	10.642	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	91325	10.495	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	93351	10.738	ug/l	94
89) n-Butylbenzene	13.786	91	194239	10.591	ug/l	97
90) Hexachloroethane	14.057	117	37646	10.426	ug/l	93
91) 1,2-Dichlorobenzene	13.833	146	82230	10.753	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6924	10.426	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	55534	10.571	ug/l	98
94) Hexachlorobutadiene	15.204	225	30233	10.669	ug/l	96
95) Naphthalene	15.333	128	105595	10.537	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	47037	10.373	ug/l	98

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

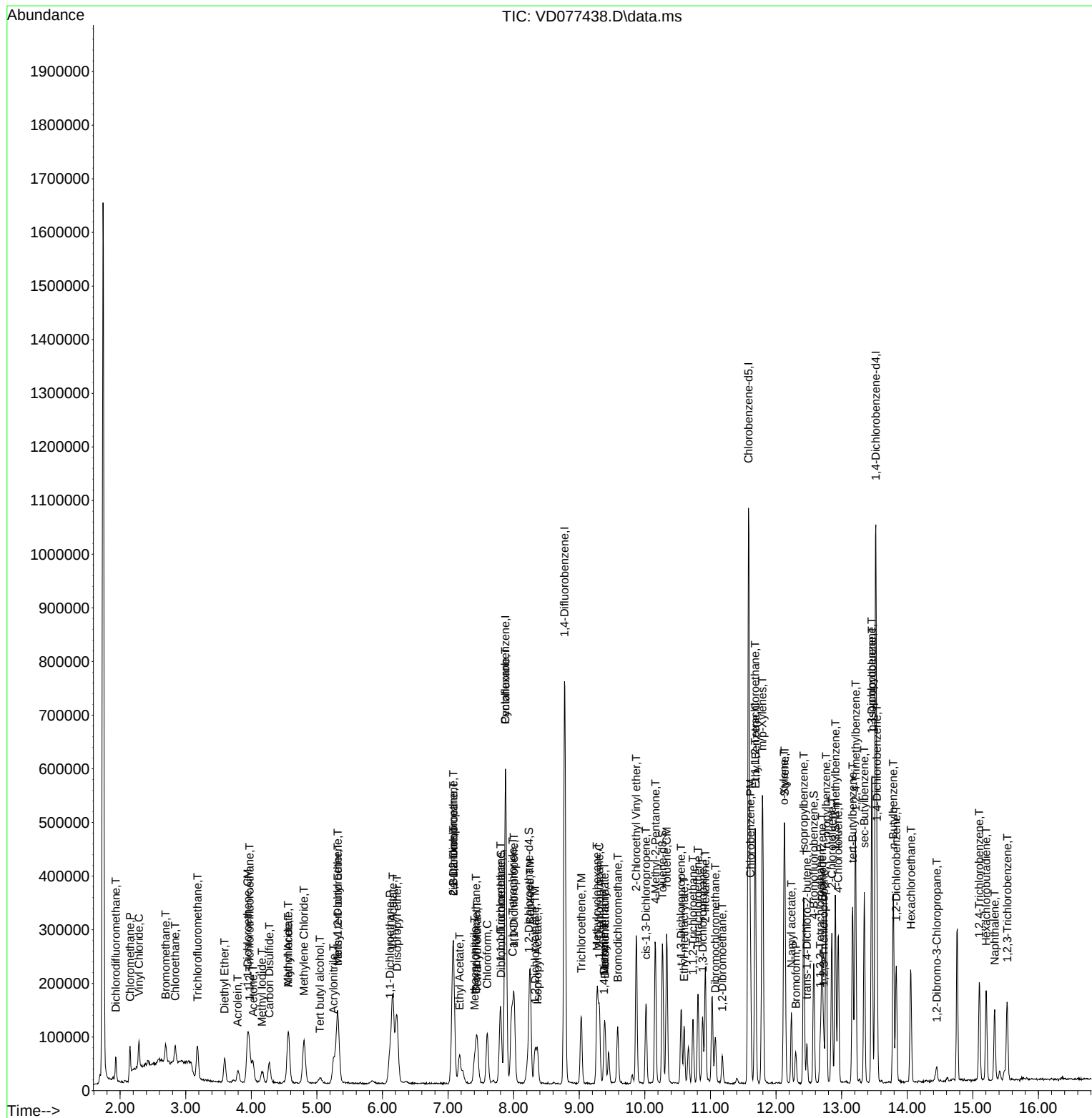
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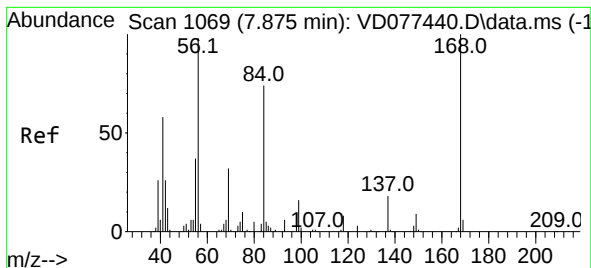
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:168 Resp: 354092

Ion Ratio Lower Upper

168 100

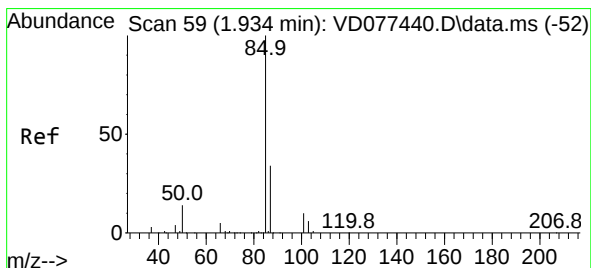
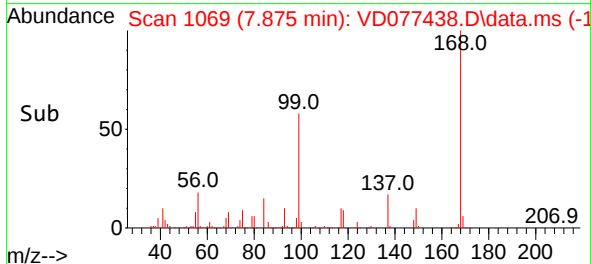
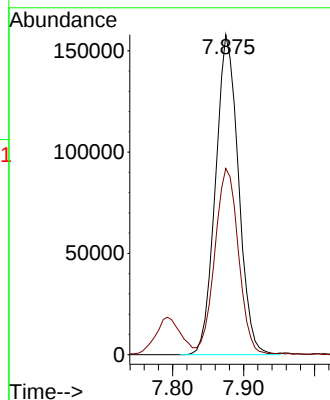
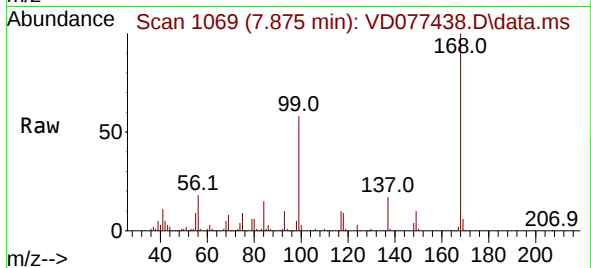
99 57.6 36.7 55.1

Manual Integrations

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Supervised By :Mahesh Dadoda 10/31/2023



#2

Dichlorodifluoromethane

Concen: 10.790 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077438.D

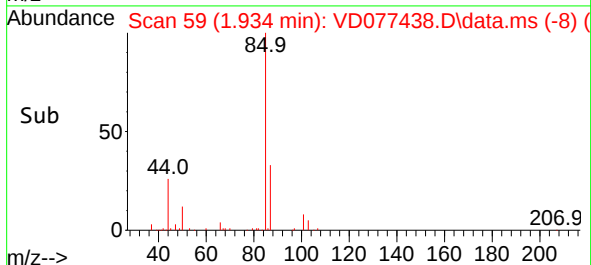
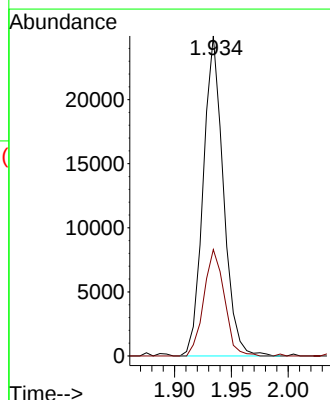
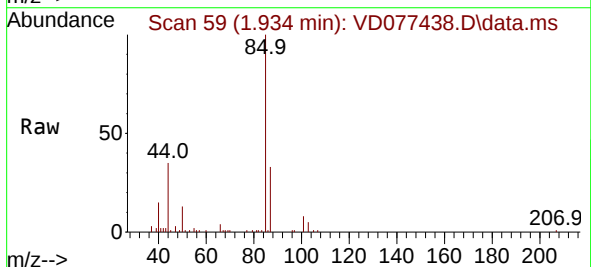
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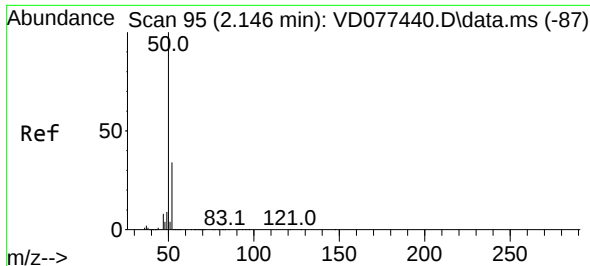
Tgt Ion: 85 Resp: 30806

Ion Ratio Lower Upper

85 100

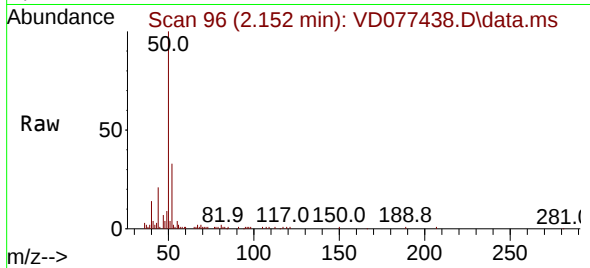
87 33.2 15.7 47.0





#3
Chloromethane
Concen: 9.692 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

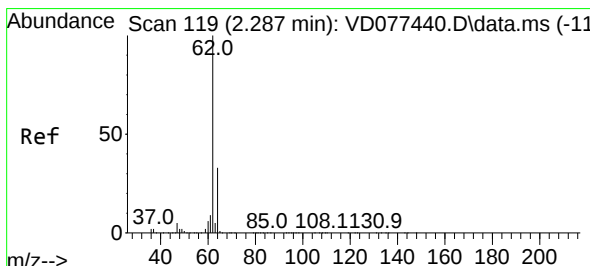
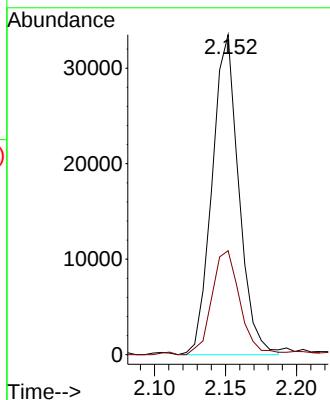
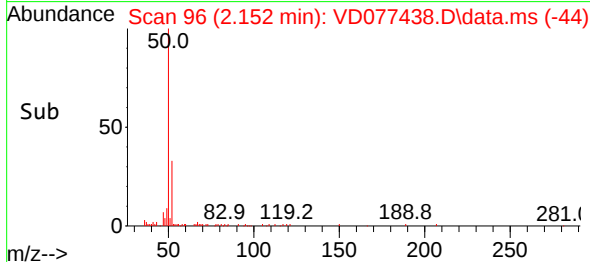
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 50 Resp: 4393
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

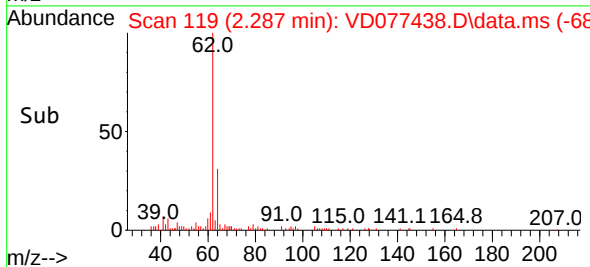
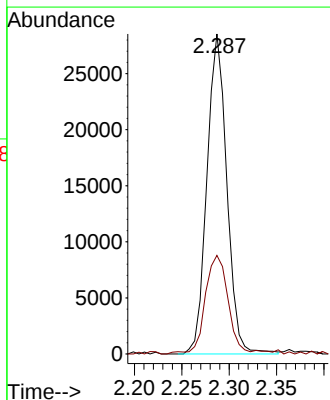
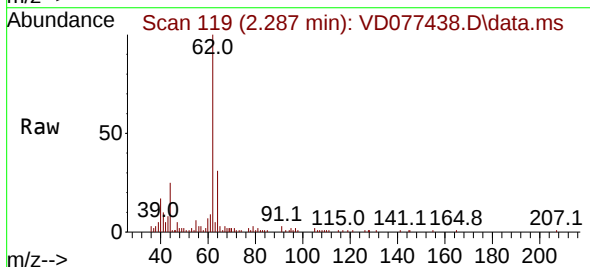
Manual Integrations
APPROVED

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#4
Vinyl Chloride
Concen: 9.426 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

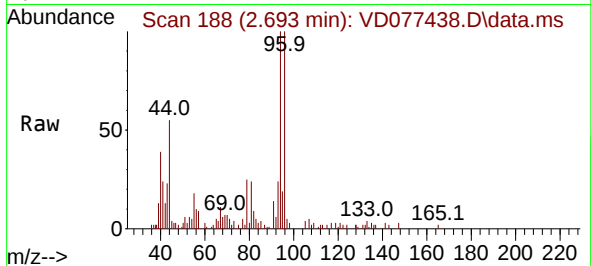
Tgt Ion: 62 Resp: 41665
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0





#5
Bromomethane
Concen: 9.922 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

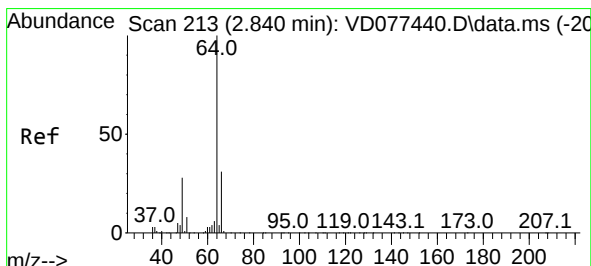
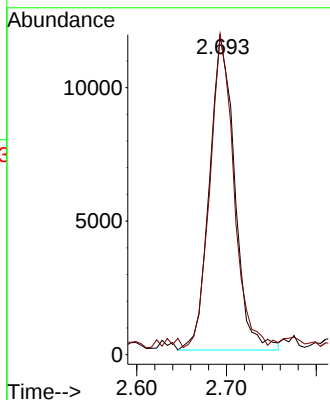
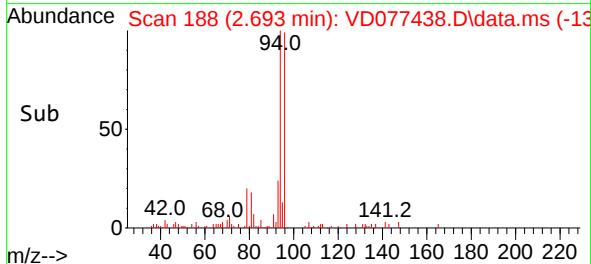
Instrument :
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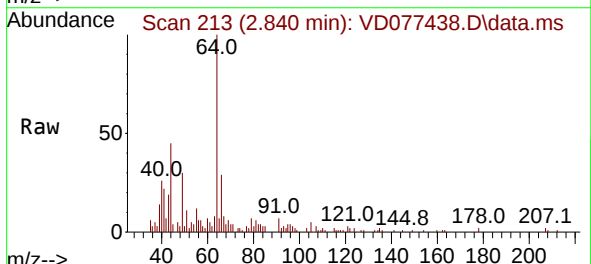
Tgt Ion: 94 Resp: 2298
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8

Manual Integrations
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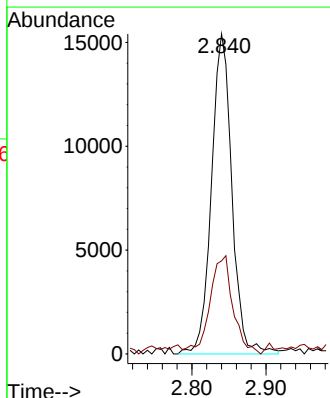
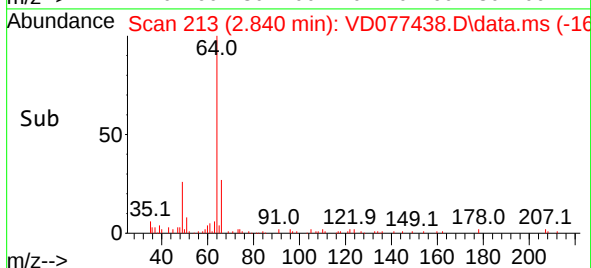
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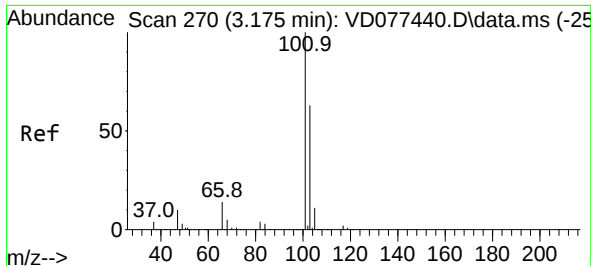


#6
Chloroethane
Concen: 9.909 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion: 64 Resp: 29489
Ion Ratio Lower Upper
64 100
66 27.5 25.5 38.3





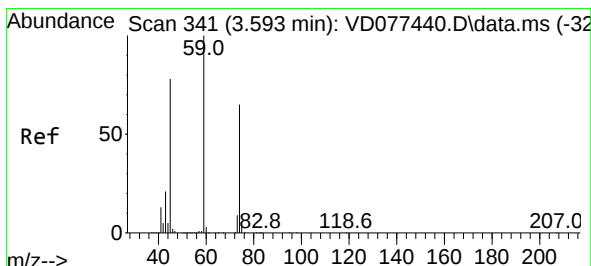
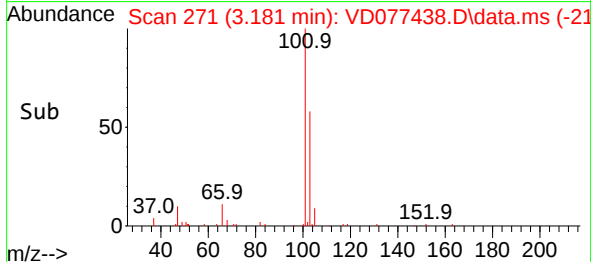
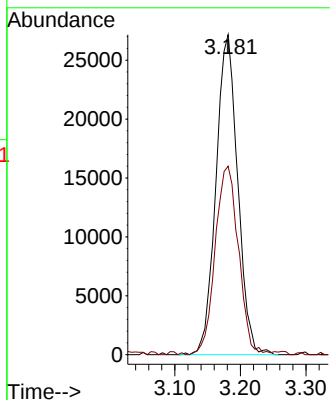
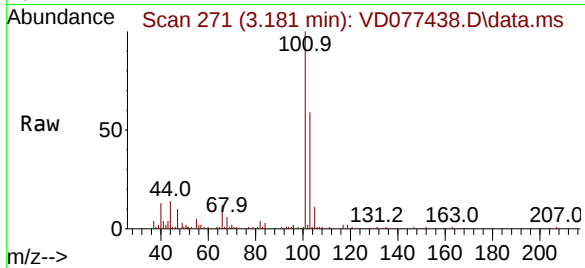
#7
 Trichlorofluoromethane
 Concen: 10.091 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.006 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:101 Resp: 6246
 Ion Ratio Lower Upper
 101 100
 103 58.9 52.3 78.5

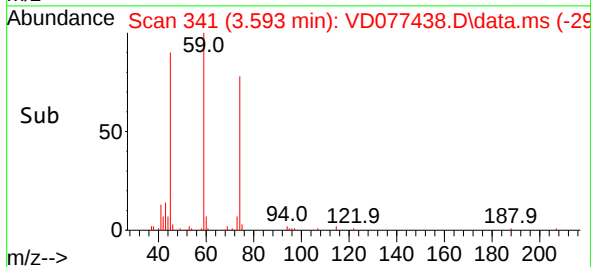
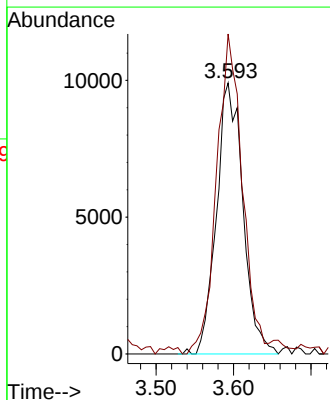
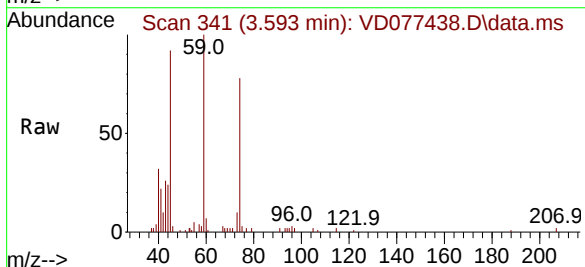
Manual Integrations
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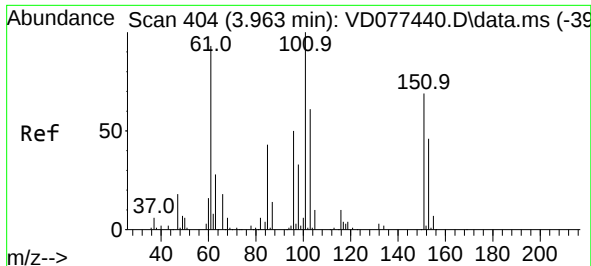
Reviewed By :John Carlone 10/31/2023
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#8
 Diethyl Ether
 Concen: 10.563 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Tgt Ion: 74 Resp: 23504
 Ion Ratio Lower Upper
 74 100
 45 114.8 37.5 112.7#





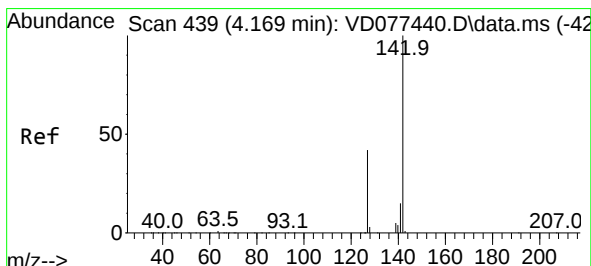
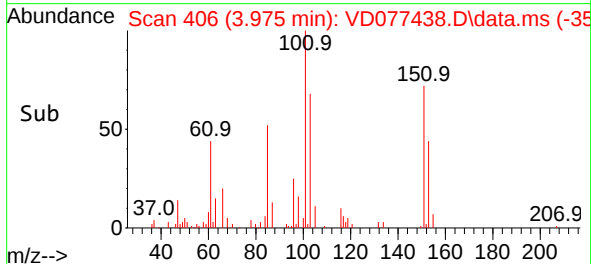
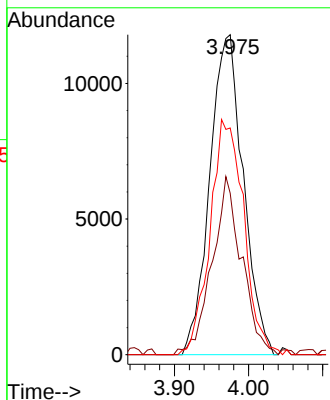
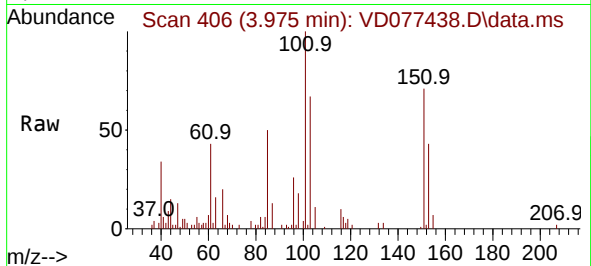
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.921 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 3707
Ion Ratio Lower Upper
101 100
85 49.3 33.8 50.6
151 74.0 59.8 89.6

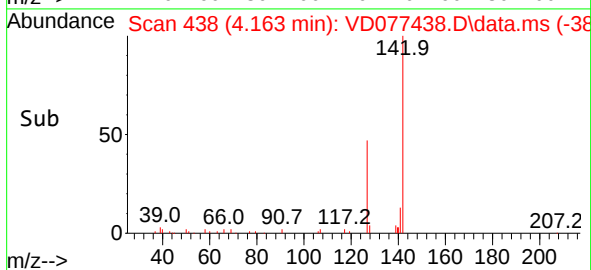
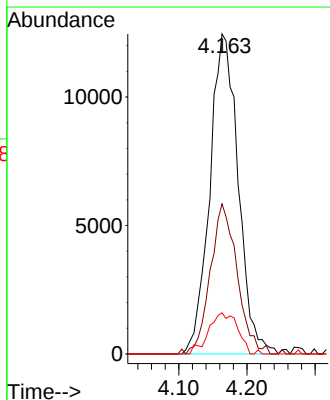
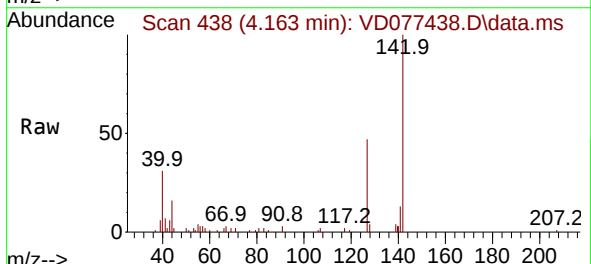
Manual Integrations
APPROVED

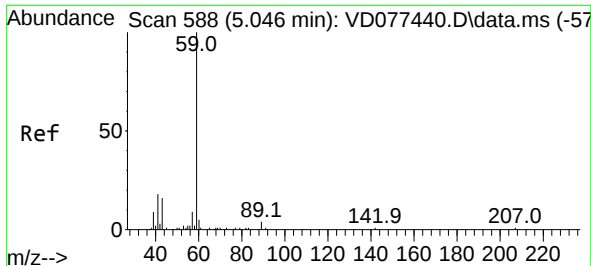
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 10.333 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:142 Resp: 36189
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 13.0 11.1 16.7





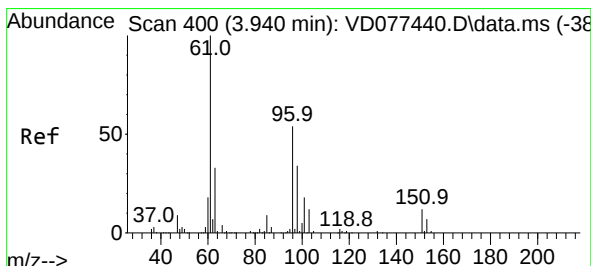
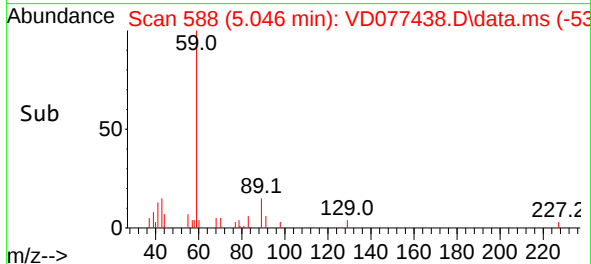
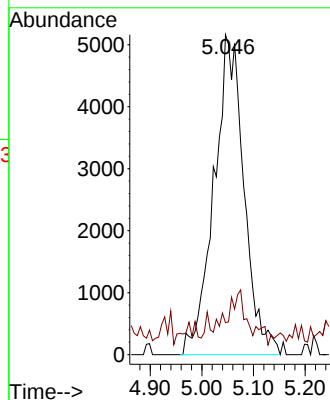
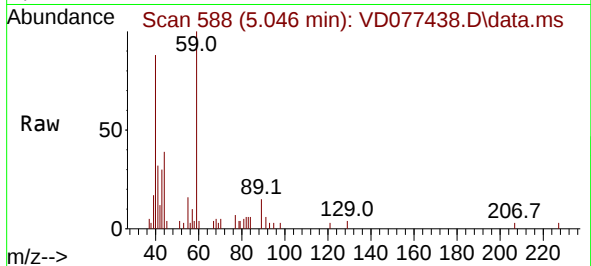
#11
Tert butyl alcohol
Concen: 52.425 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 2079
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

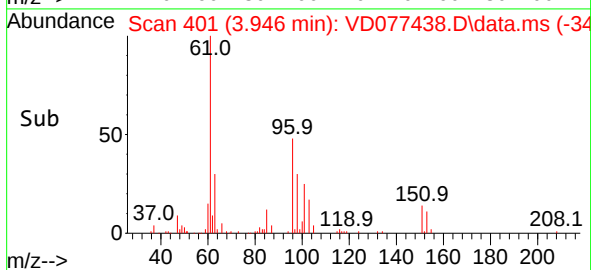
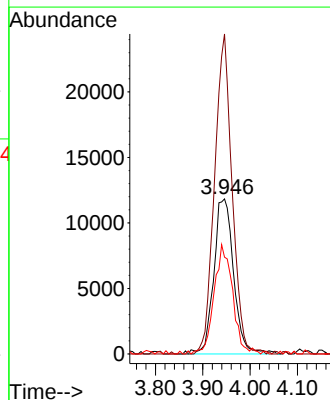
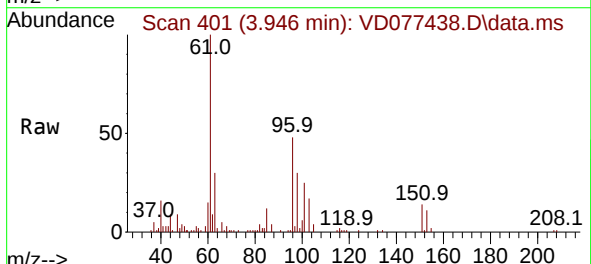
Manual Integrations
APPROVED

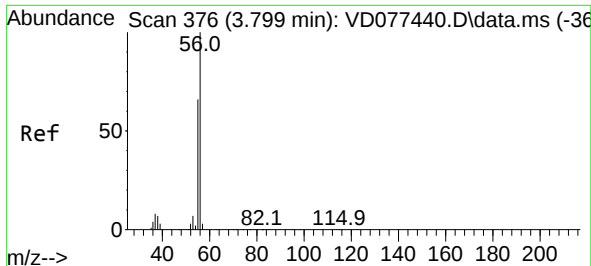
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#12
1,1-Dichloroethene
Concen: 9.772 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 96 Resp: 34572
Ion Ratio Lower Upper
96 100
61 206.5 100.6 150.8#
98 60.7 50.2 75.2





#13

Acrolein

Concen: 53.701 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 2808

Ion Ratio Lower Upper

56 100

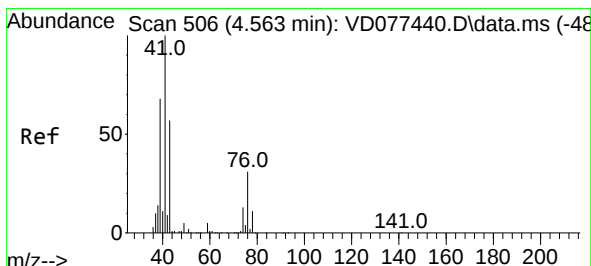
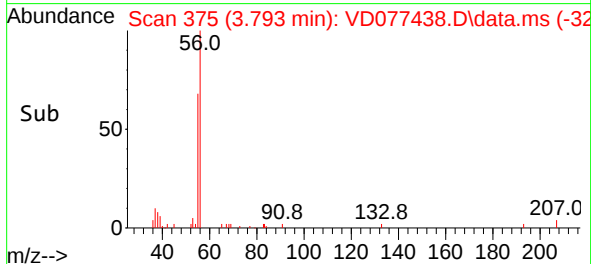
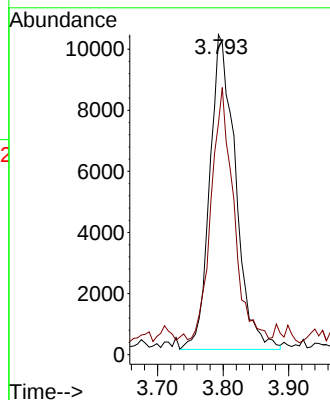
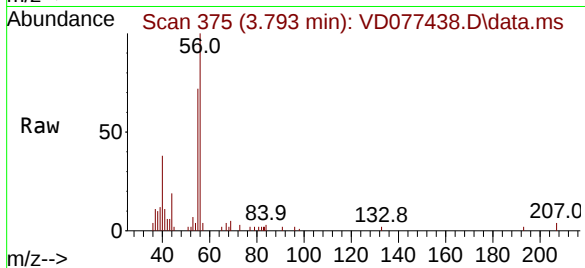
55 69.8 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#14

Allyl chloride

Concen: 10.055 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

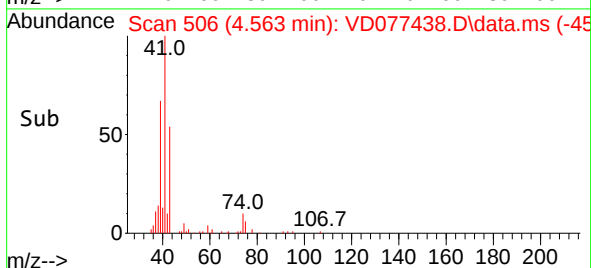
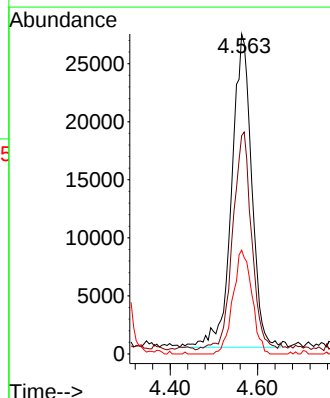
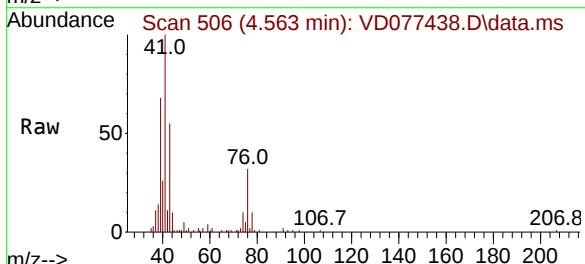
Tgt Ion: 41 Resp: 85816

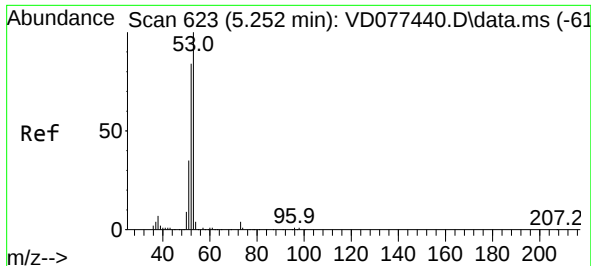
Ion Ratio Lower Upper

41 100

39 65.8 53.8 80.6

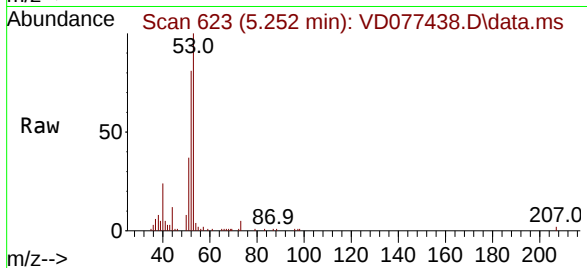
76 31.3 45.8 68.8#





#15
Acrylonitrile
Concen: 51.959 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

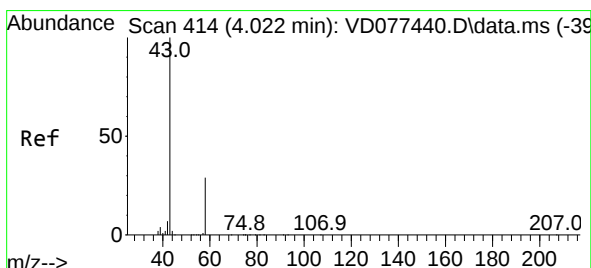
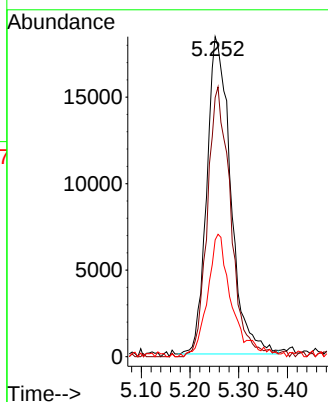
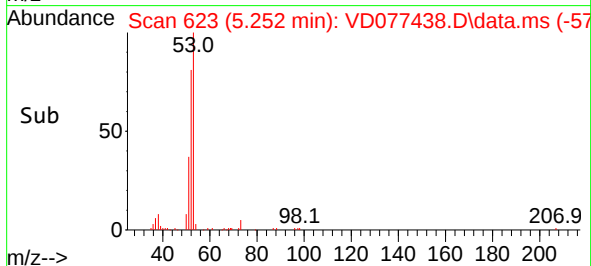
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



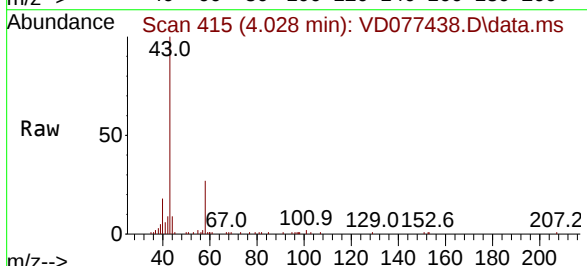
Tgt Ion: 53 Resp: 62499
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 38.1 28.3 42.5

Manual Integrations
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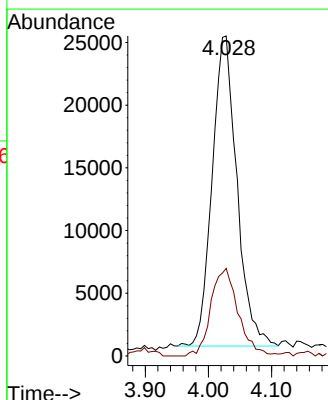
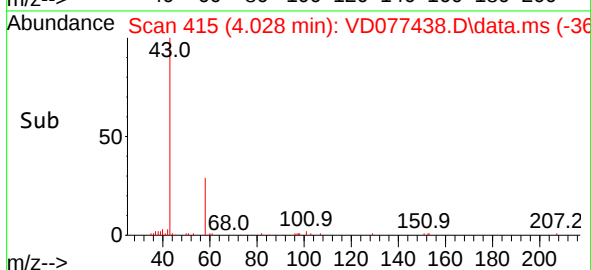
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

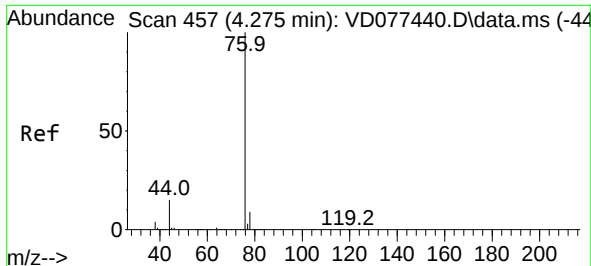


#16
Acetone
Concen: 50.823 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion: 43 Resp: 67337
Ion Ratio Lower Upper
43 100
58 28.2 34.7 52.1#





#17

Carbon Disulfide

Concen: 10.080 ug/l

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 74619

Ion Ratio Lower Upper

76 100

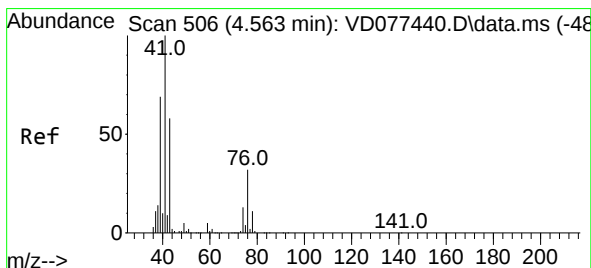
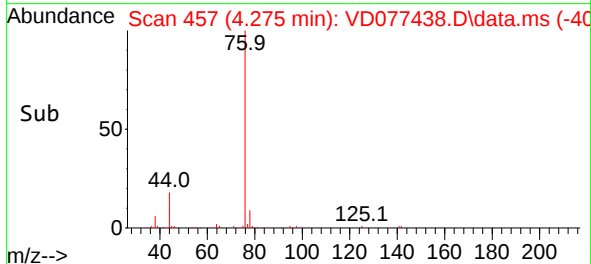
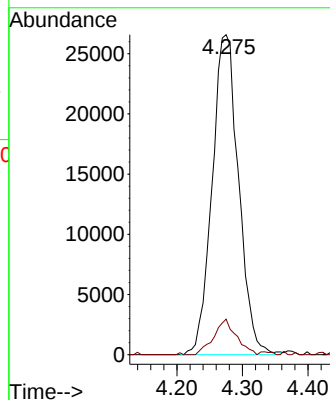
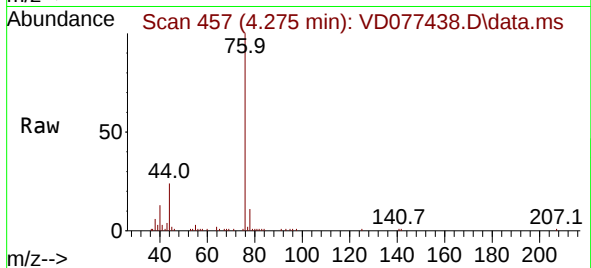
78 11.1 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#18

Methyl Acetate

Concen: 9.660 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077438.D

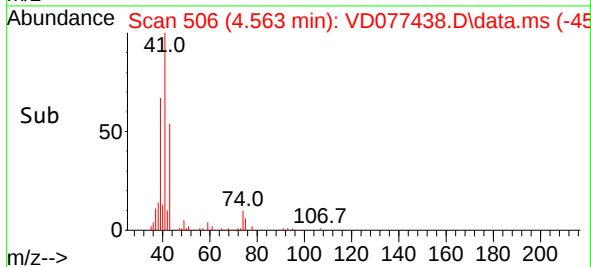
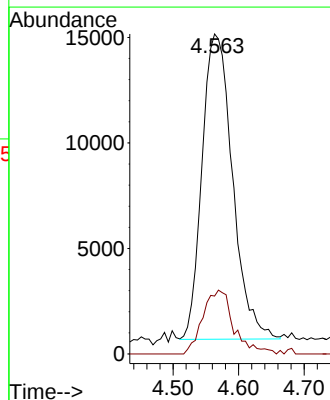
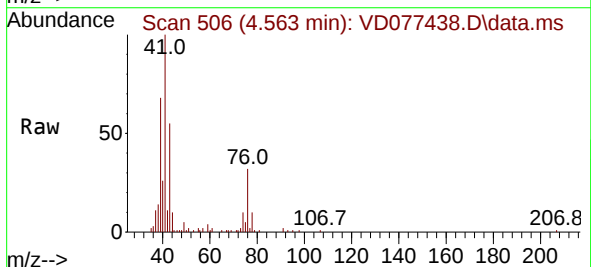
Acq: 30 Oct 2023 10:14

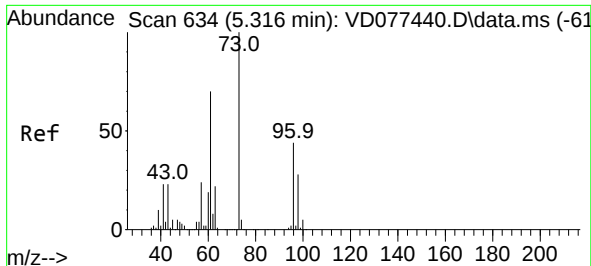
Tgt Ion: 43 Resp: 46687

Ion Ratio Lower Upper

43 100

74 21.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 10.437 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 115900

Ion Ratio Lower Upper

73 100

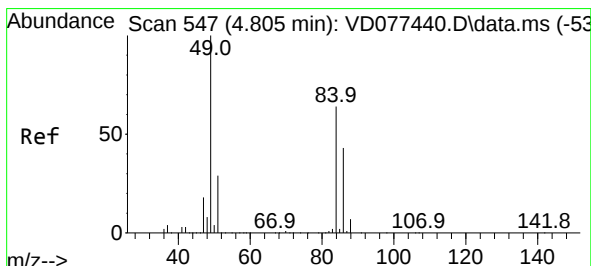
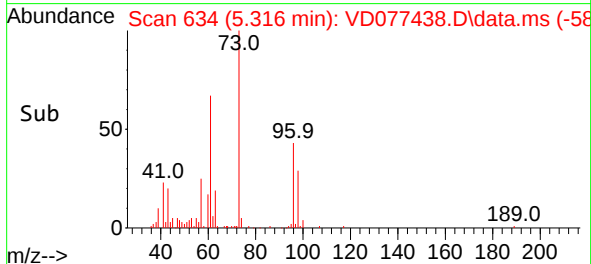
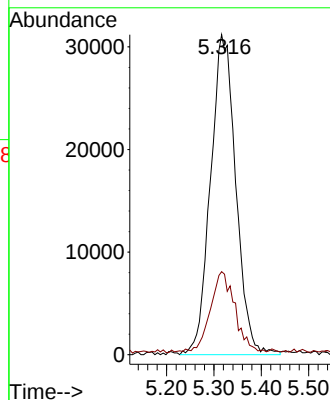
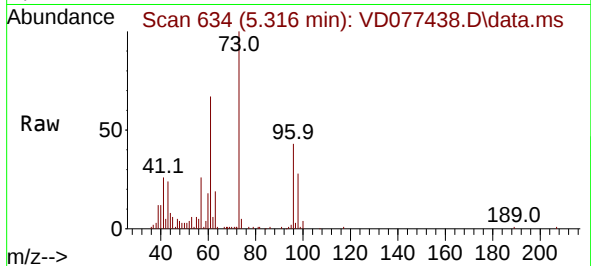
57 25.1 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#20

Methylene Chloride

Concen: 9.122 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Tgt Ion: 84 Resp: 55281

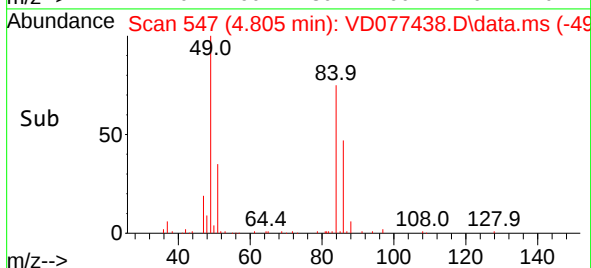
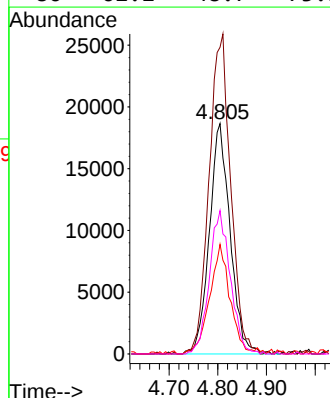
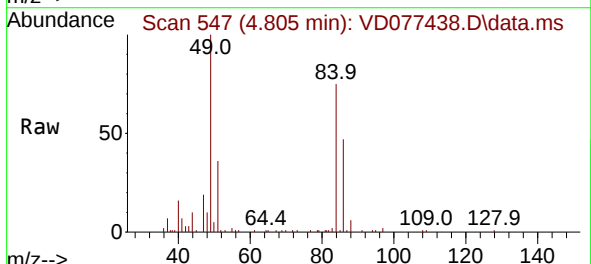
Ion Ratio Lower Upper

84 100

49 133.1 71.4 107.2#

51 47.6 24.5 36.7#

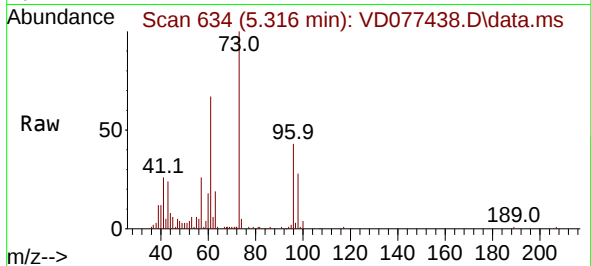
86 62.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 9.609 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

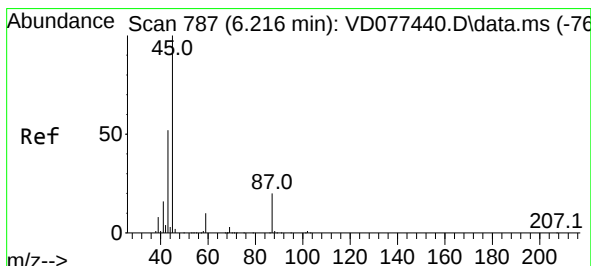
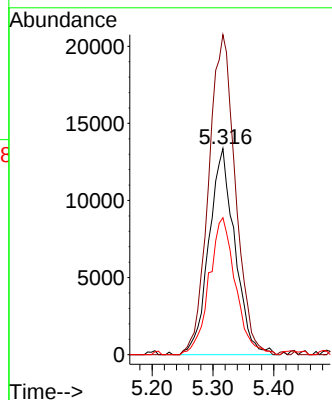
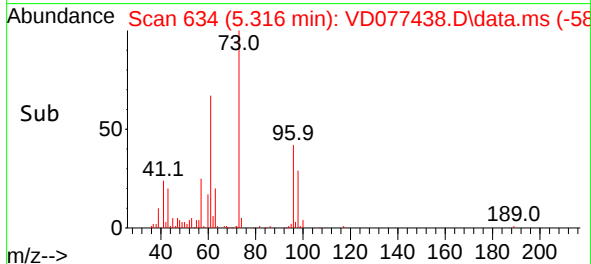
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



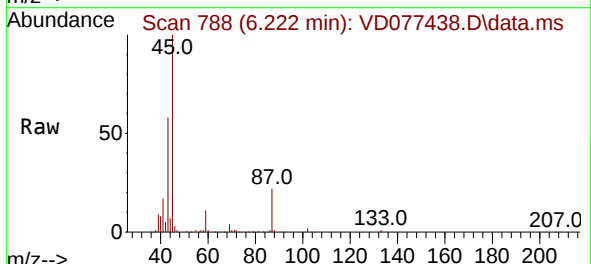
Tgt Ion: 96 Resp: 39590
Ion Ratio Lower Upper
96 100
61 155.3 89.3 133.9
98 66.4 48.6 73.0

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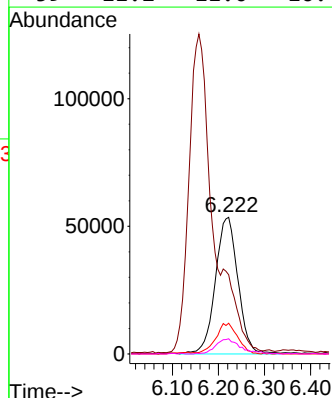
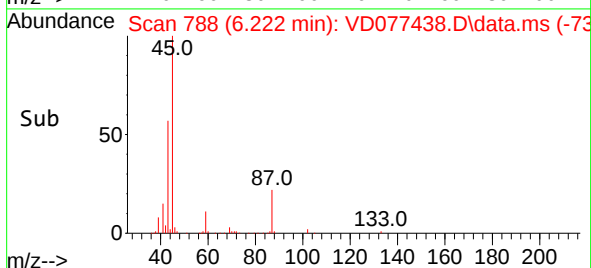
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

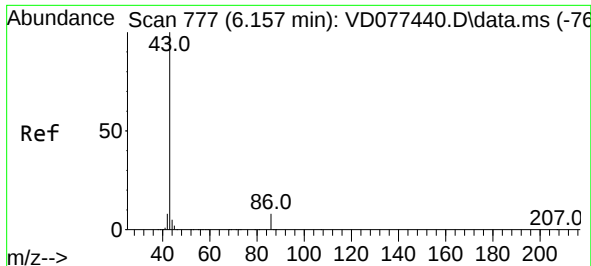


#22
Diisopropyl ether
Concen: 10.063 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion: 45 Resp: 182537
Ion Ratio Lower Upper
45 100
43 55.5 40.0 60.0
87 22.1 28.2 42.4
59 11.2 11.0 16.4





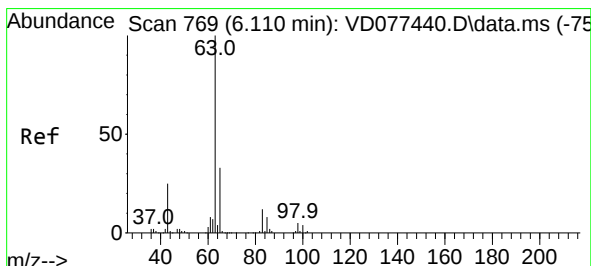
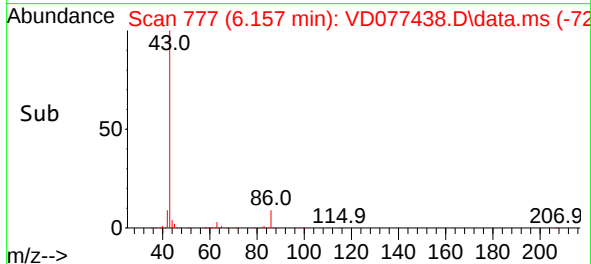
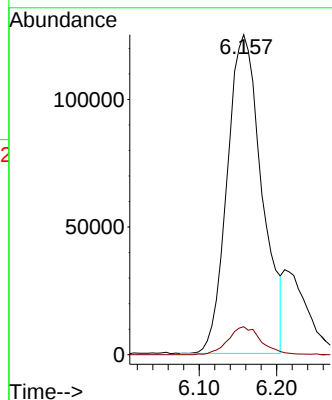
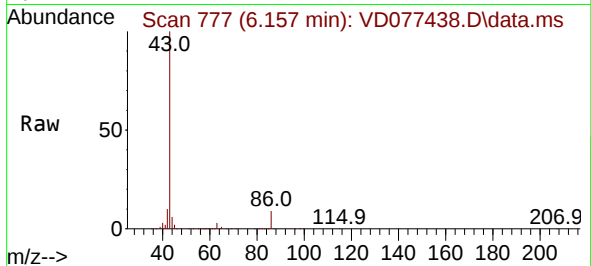
#23
 Vinyl Acetate
 Concen: 49.227 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 388380
 Ion Ratio Lower Upper
 43 100
 86 8.8 12.5 18.7

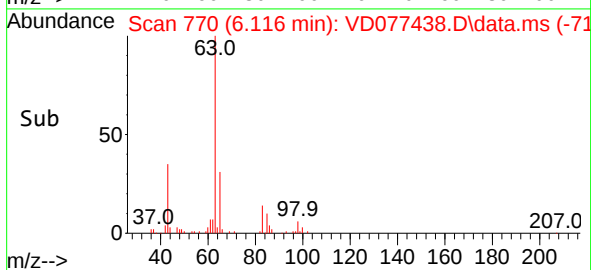
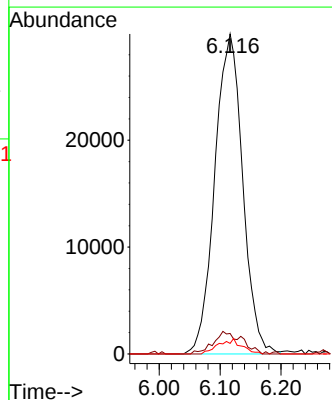
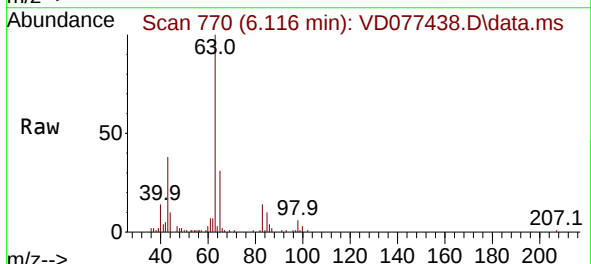
Manual Integrations
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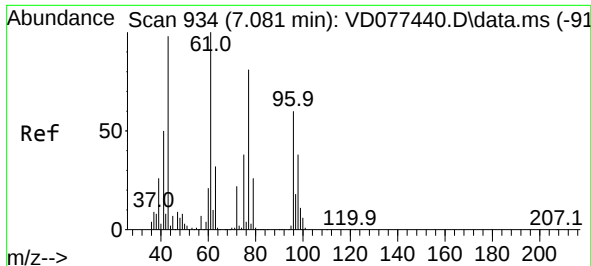
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 10.123 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Tgt Ion: 63 Resp: 95275
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 3.3 2.5 7.5





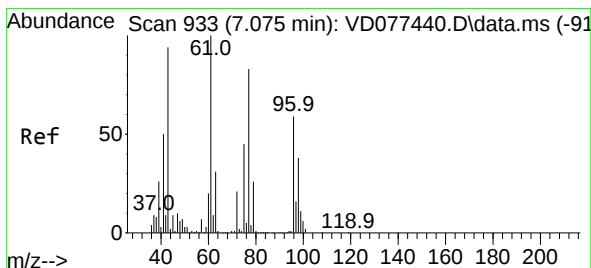
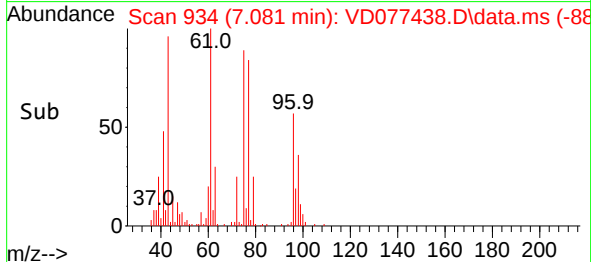
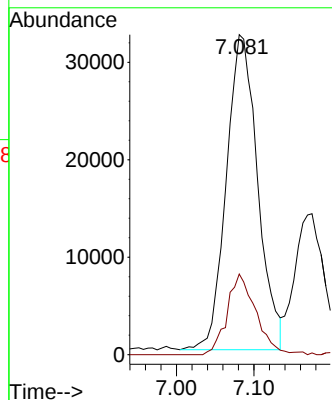
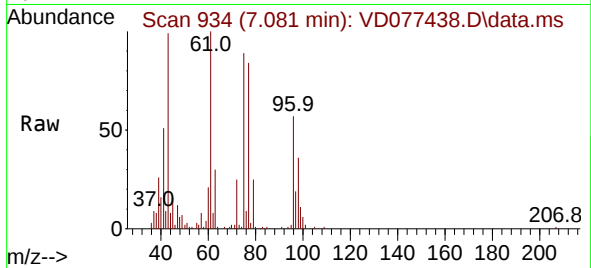
#25
2-Butanone
Concen: 51.484 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 90985
Ion Ratio Lower Upper
43 100
72 25.6 30.7 46.1

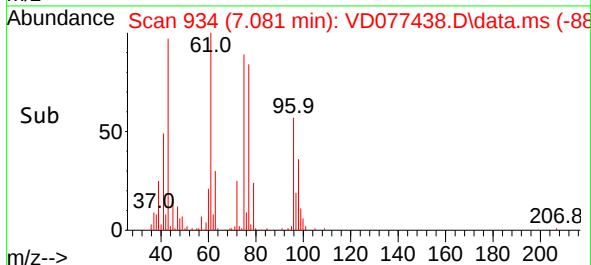
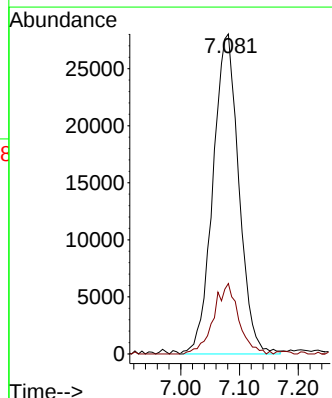
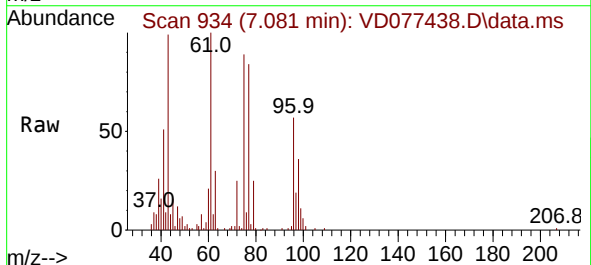
Manual Integrations
APPROVED

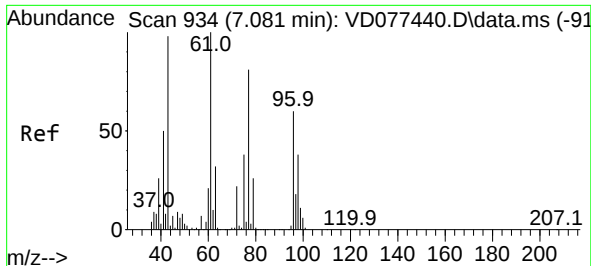
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 10.288 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 77 Resp: 85814
Ion Ratio Lower Upper
77 100
97 21.4 13.2 39.6





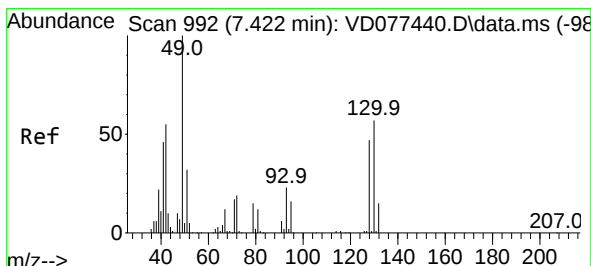
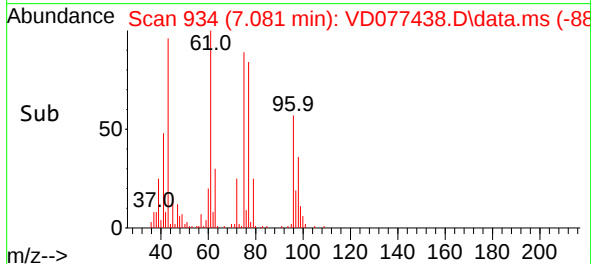
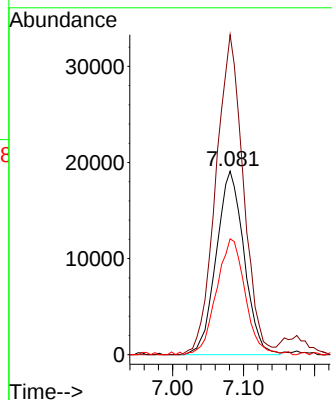
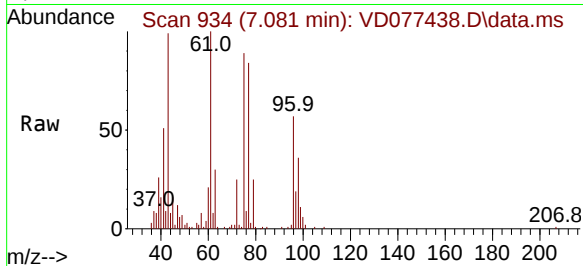
#27
 cis-1,2-Dichloroethene
 Concen: 10.176 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Tgt Ion: 96 Resp: 5194
 Ion Ratio Lower Upper
 96 100
 61 172.9 0.0 239.2
 98 65.0 0.0 128.6

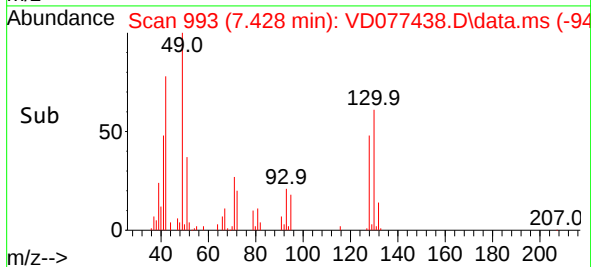
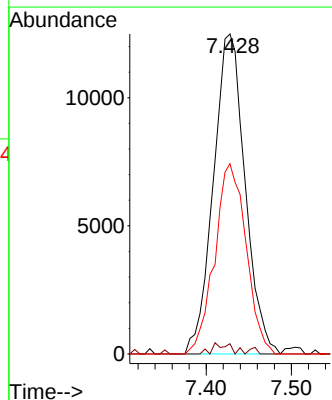
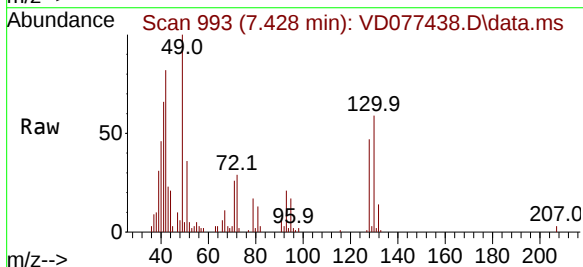
Manual Integrations
 APPROVED

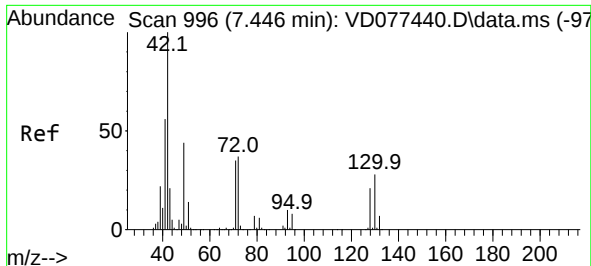
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 9.354 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Tgt Ion: 49 Resp: 32288
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 59.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 49.425 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

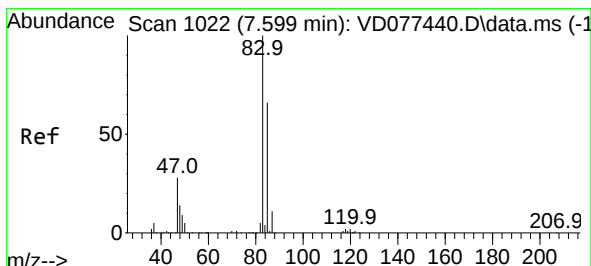
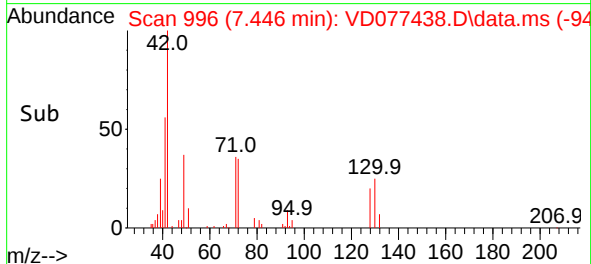
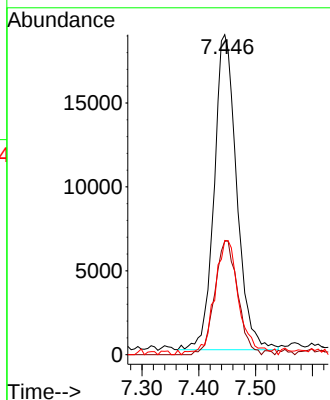
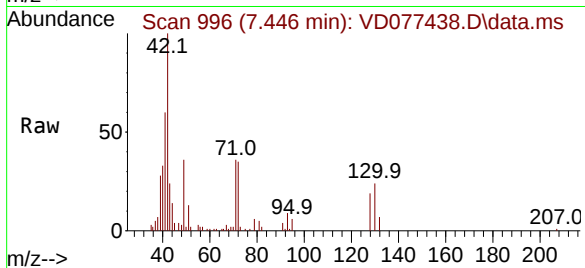
Tgt Ion:	42	Resp:	51804
Ion Ratio	Lower	Upper	
42	100		
72	36.6	46.5	69.7
71	39.3	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 10.428 ug/l

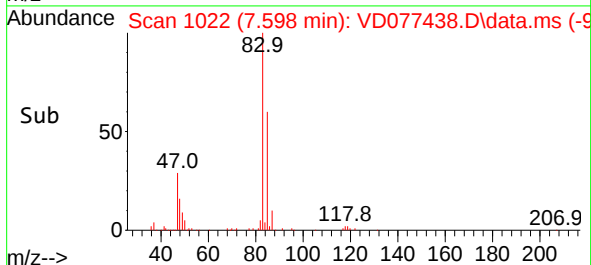
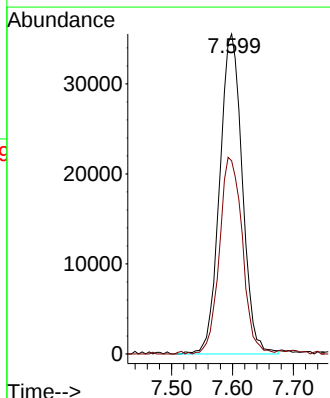
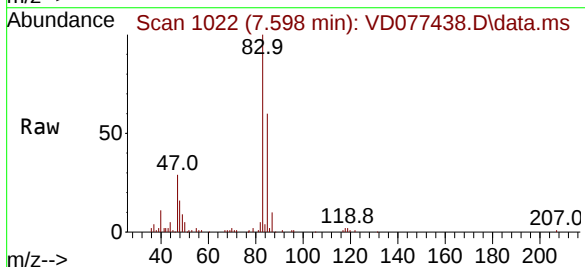
RT: 7.598 min Scan# 1022

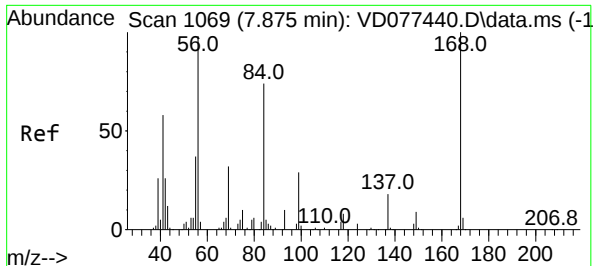
Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

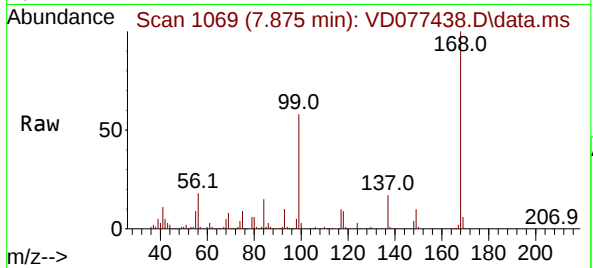
Tgt Ion:	83	Resp:	91645
Ion Ratio	Lower	Upper	
83	100		
85	59.8	53.4	80.2





#31
Cyclohexane
Concen: 9.742 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

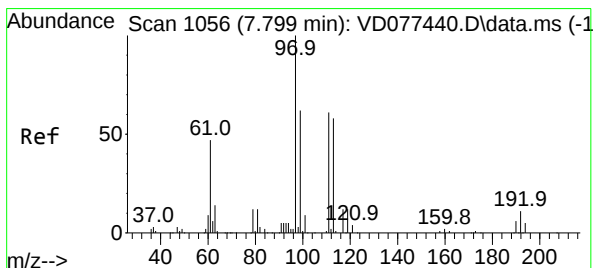
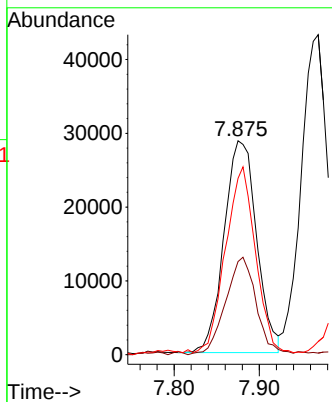
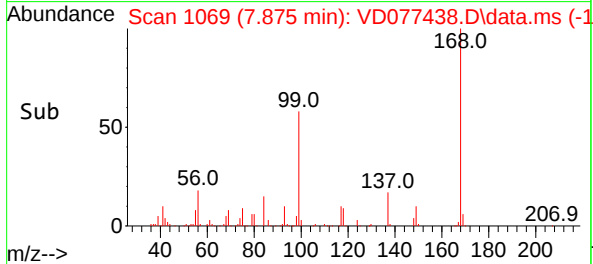
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



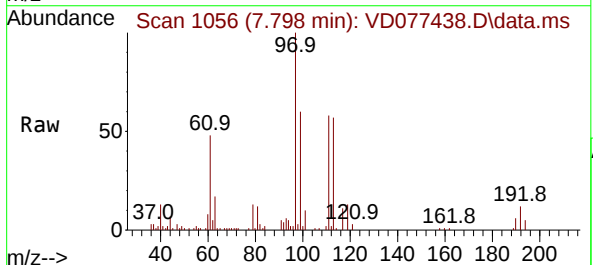
Tgt Ion: 56 Resp: 7625
Ion Ratio Lower Upper
56 100
69 42.4 28.6 43.0
84 81.8 84.8 127.2

Manual Integrations
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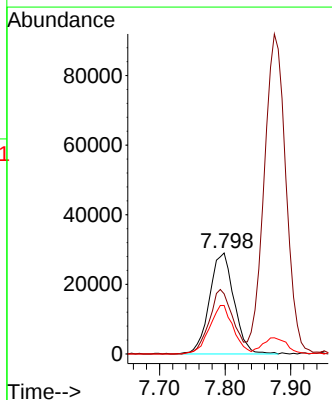
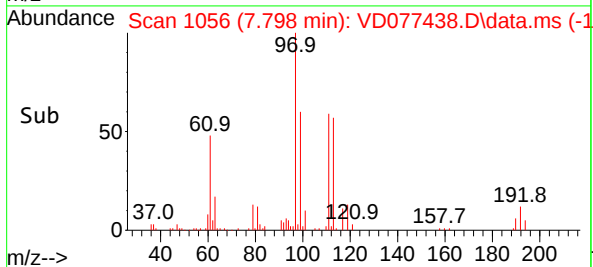
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

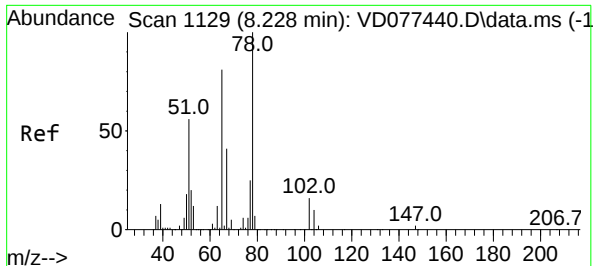


#32
1,1,1-Trichloroethane
Concen: 10.411 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion: 97 Resp: 75384
Ion Ratio Lower Upper
97 100
99 60.8 52.0 78.0
61 46.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.425 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 52198

Ion Ratio Lower Upper

65 100

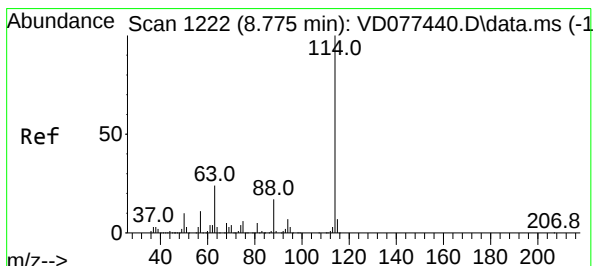
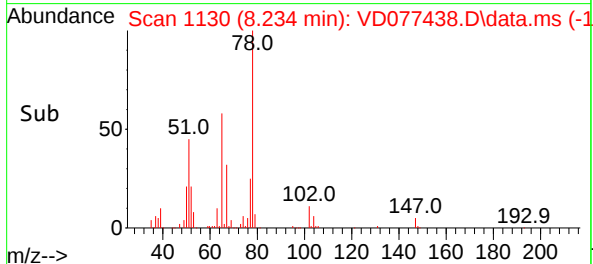
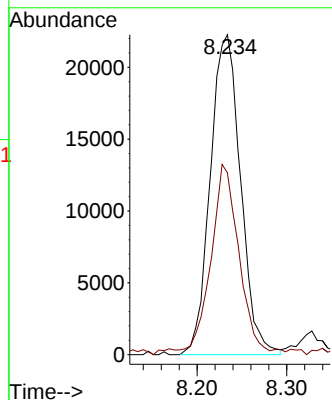
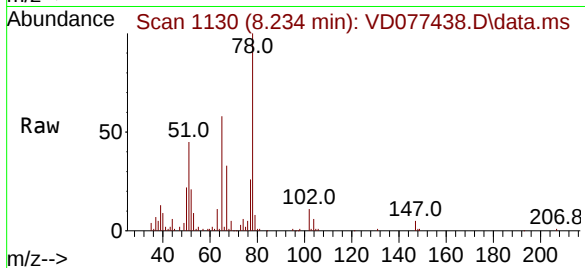
67 54.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

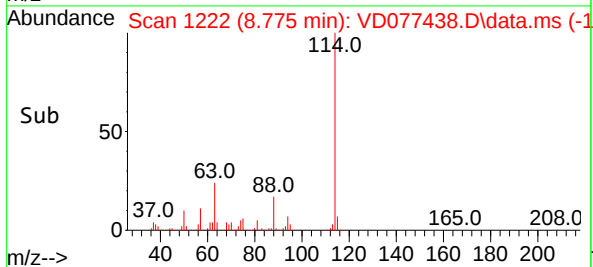
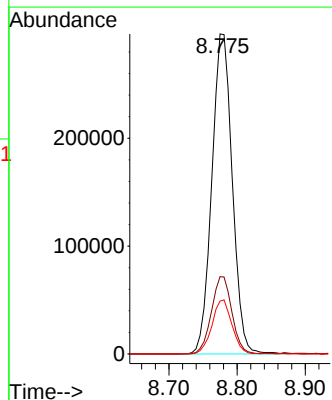
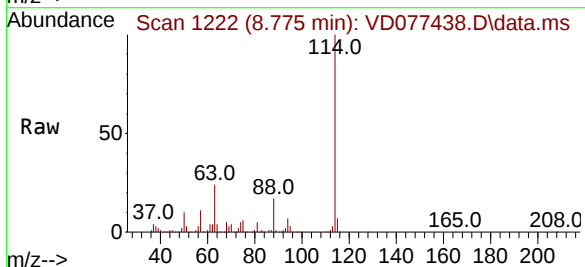
Tgt Ion:114 Resp: 620201

Ion Ratio Lower Upper

114 100

63 24.1 0.0 33.4

88 16.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 10.351 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

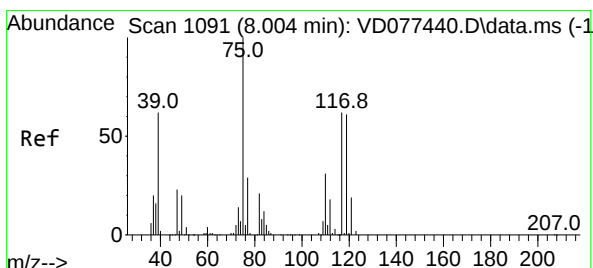
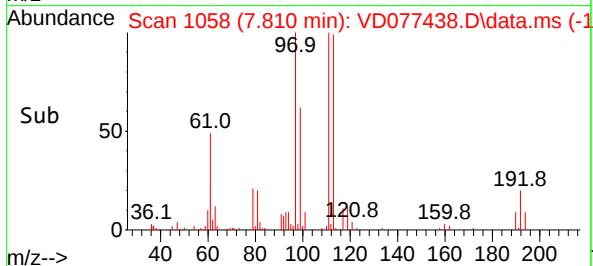
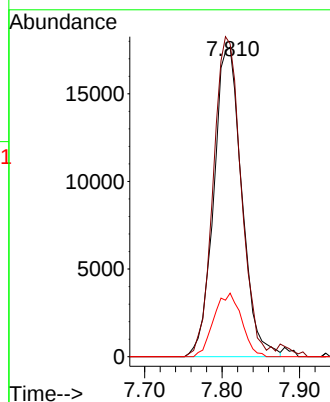
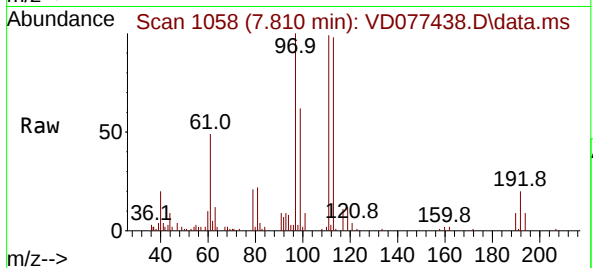
Tgt Ion: 113 Resp: 44372
 Ion Ratio Lower Upper
 113 100
 111 102.8 84.7 127.1
 192 20.4 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 10.001 ug/l

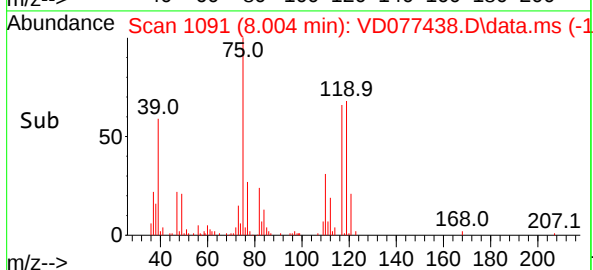
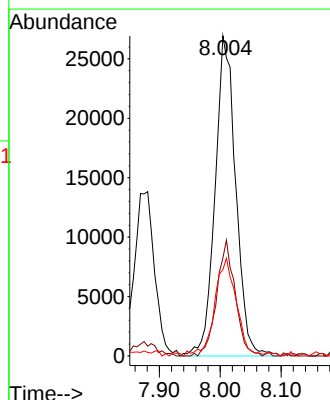
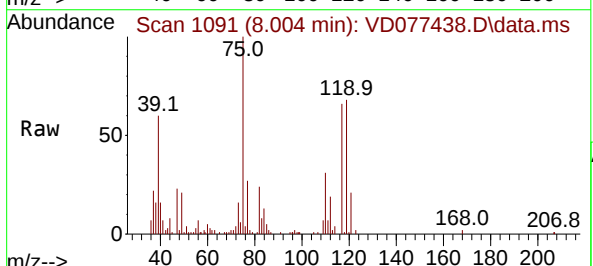
RT: 8.004 min Scan# 1091

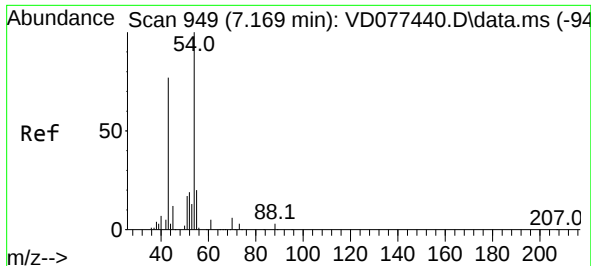
Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

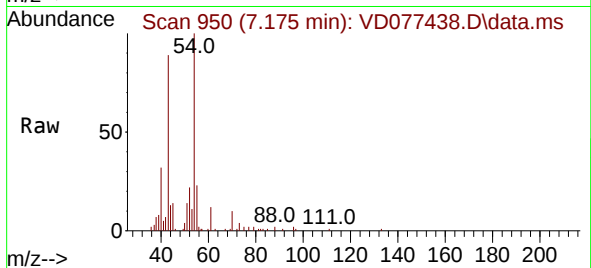
Tgt Ion: 75 Resp: 63563
 Ion Ratio Lower Upper
 75 100
 110 32.2 19.9 59.6
 77 32.0 24.7 37.1





#37
Ethyl Acetate
Concen: 9.455 ug/l
RT: 7.175 min Scan# 949
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

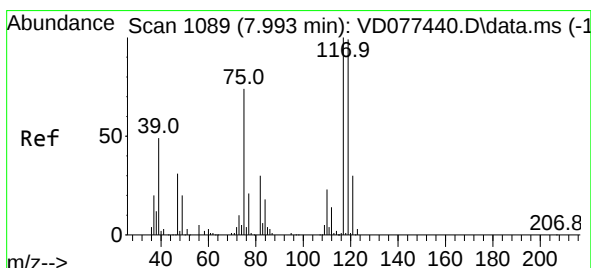
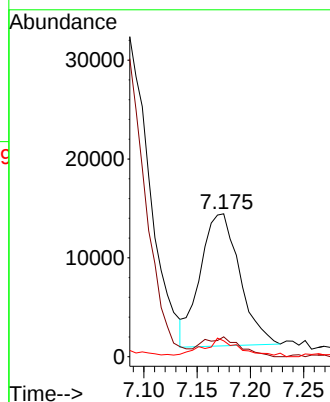
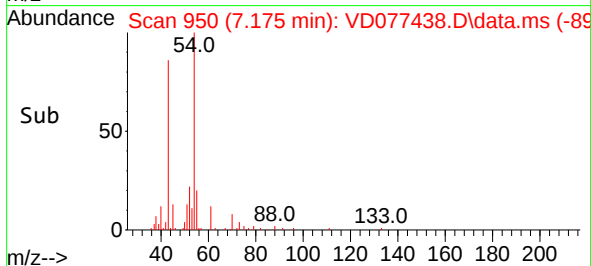
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 34480
Ion Ratio Lower Upper
43 100
61 13.9 14.9 22.3
70 13.1 10.0 15.0

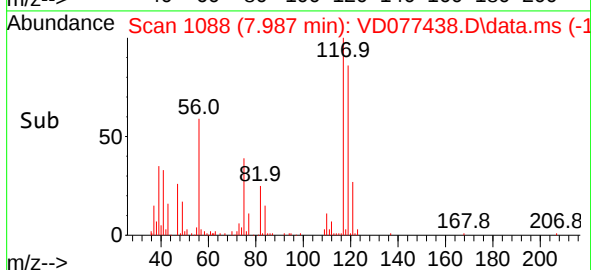
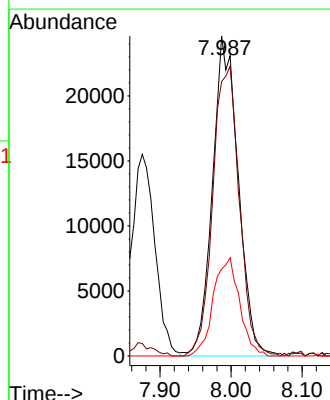
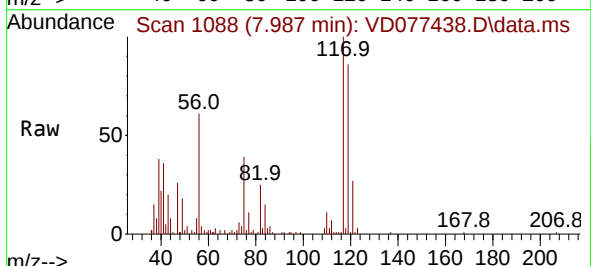
Manual Integrations
APPROVED

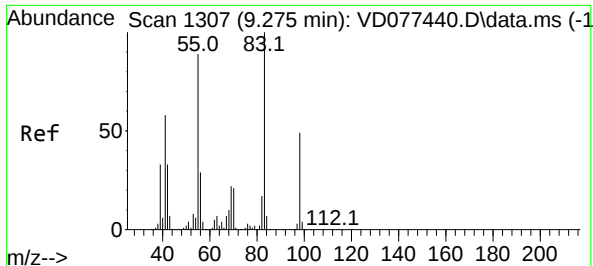
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 10.337 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:117 Resp: 61909
Ion Ratio Lower Upper
117 100
119 85.8 78.0 117.0
121 27.2 24.2 36.2





#39

Methylcyclohexane

Concen: 9.631 ug/l

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

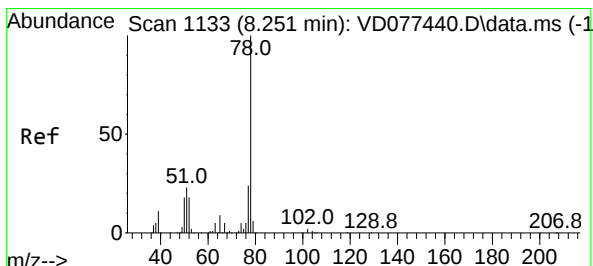
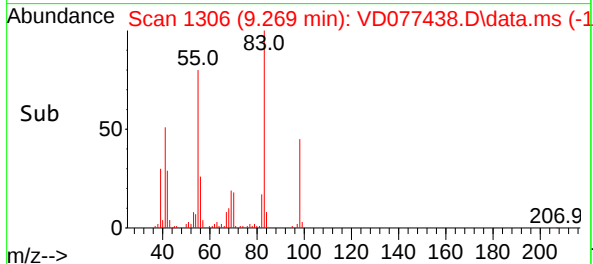
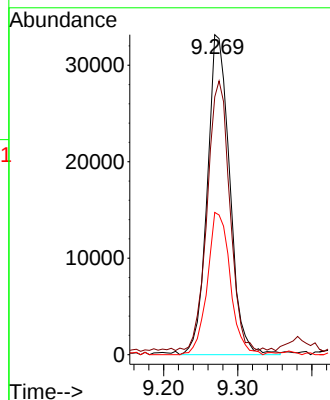
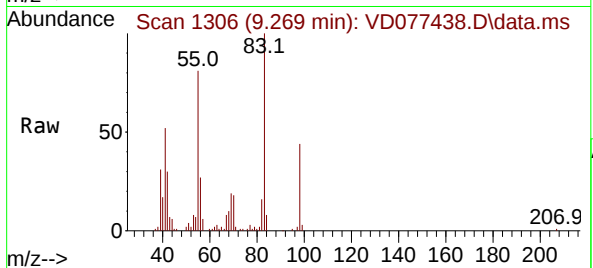
Tgt Ion: 83 Resp: 69839
 Ion Ratio Lower Upper
 83 100
 55 78.5 49.4 74.0
 98 44.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 10.090 ug/l

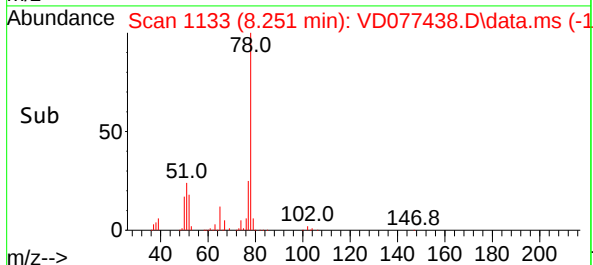
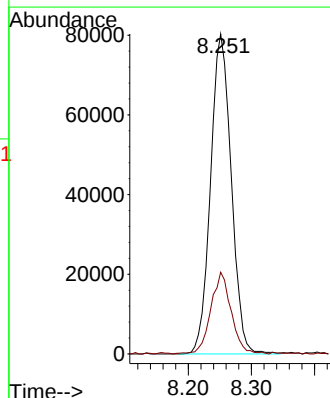
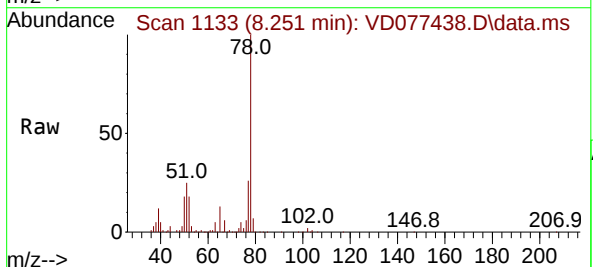
RT: 8.251 min Scan# 1133

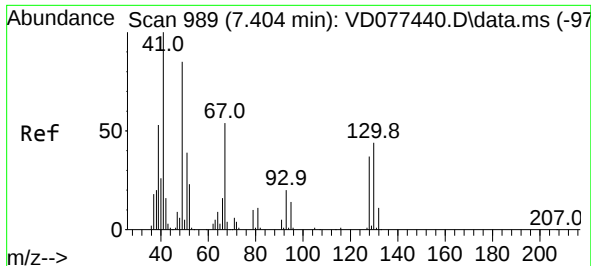
Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

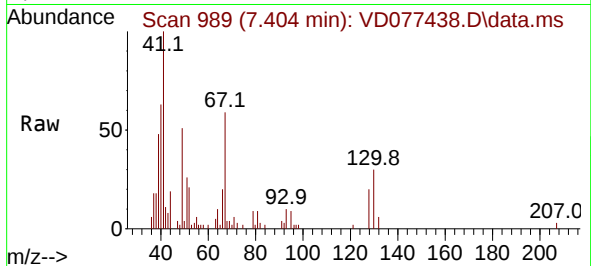
Tgt Ion: 78 Resp: 182859
 Ion Ratio Lower Upper
 78 100
 77 25.3 19.4 29.0





#41
Methacrylonitrile
Concen: 10.686 ug/l
RT: 7.404 min Scan# 989
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

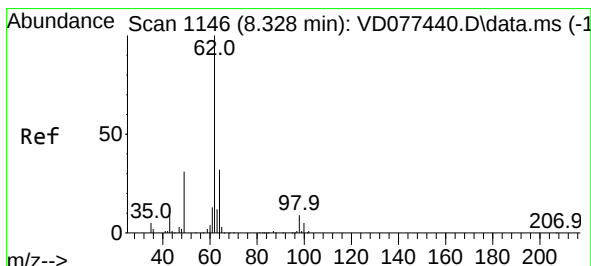
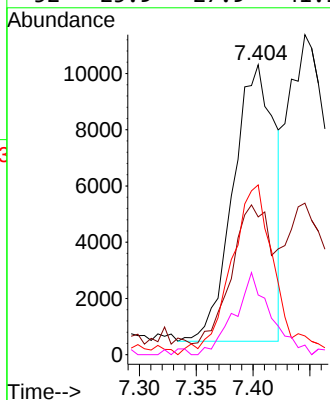
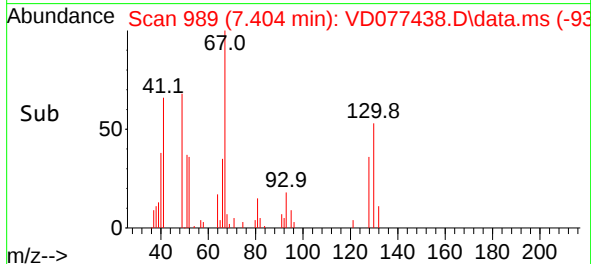
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 24939
Ion Ratio Lower Upper
41 100
39 49.6 34.0 51.0
67 65.2 77.0 115.4
52 25.9 27.9 41.9#

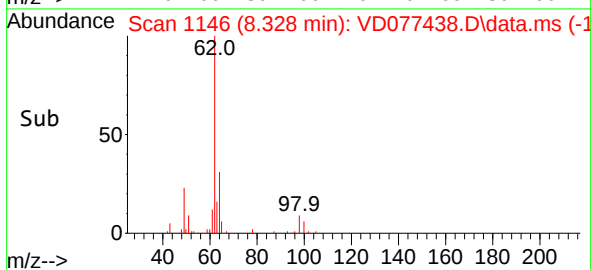
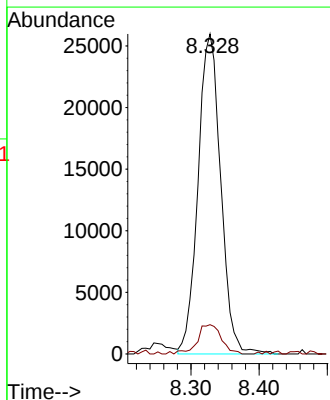
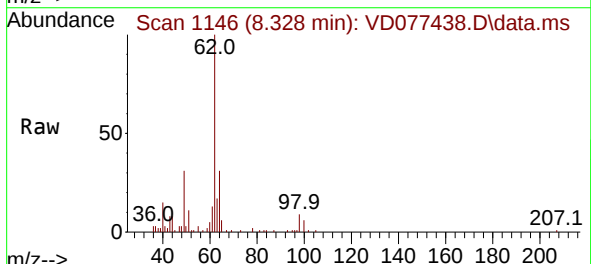
Manual Integrations
APPROVED

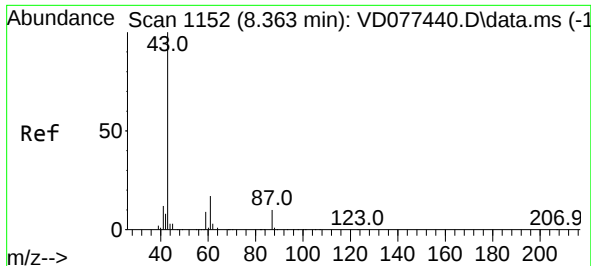
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 10.477 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

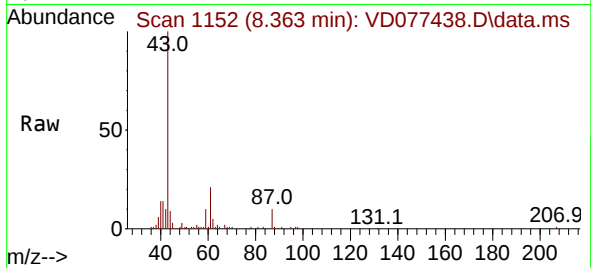
Tgt Ion: 62 Resp: 60140
Ion Ratio Lower Upper
62 100
98 9.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 10.016 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

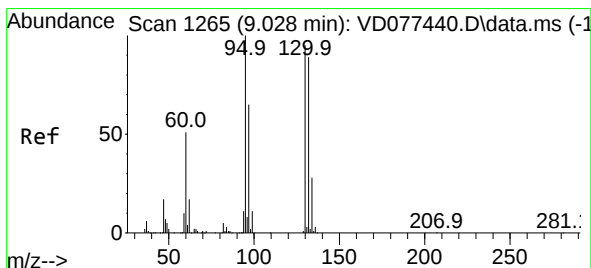
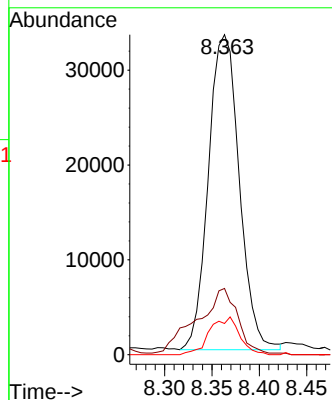
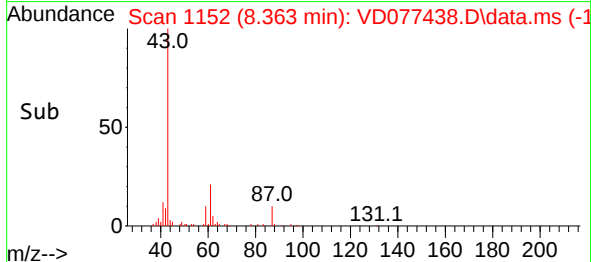
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



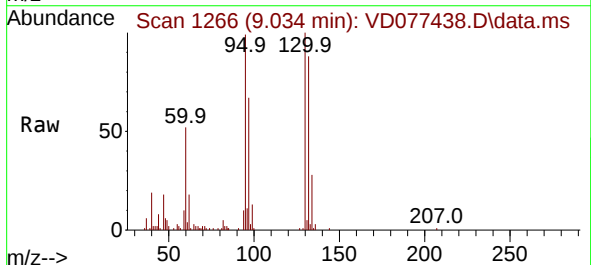
Tgt Ion: 43 Resp: 7539
Ion Ratio Lower Upper
43 100
61 28.3 31.4 47.0
87 11.6 14.9 22.3

Manual Integrations
APPROVED

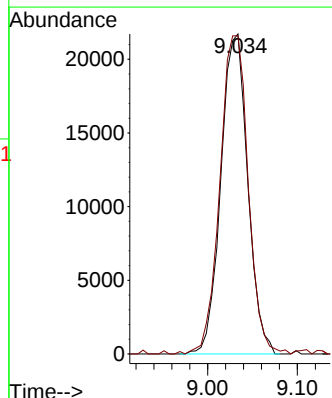
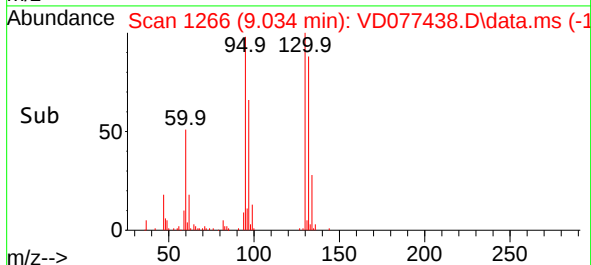
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

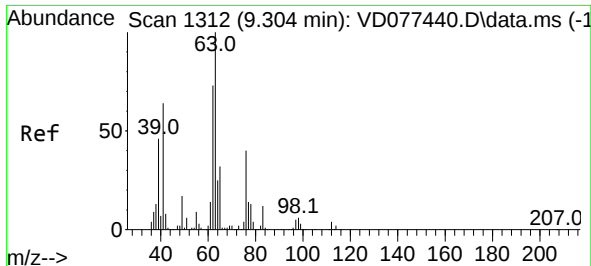


#44
Trichloroethene
Concen: 10.161 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion:130 Resp: 45106
Ion Ratio Lower Upper
130 100
95 98.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 10.360 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 5527

Ion Ratio Lower Upper

63 100

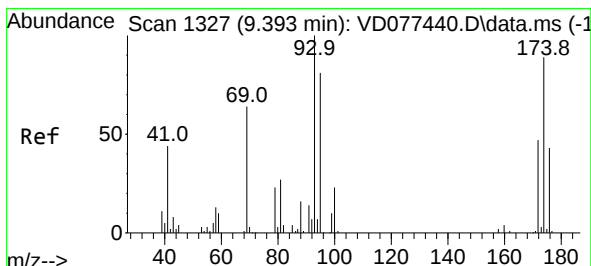
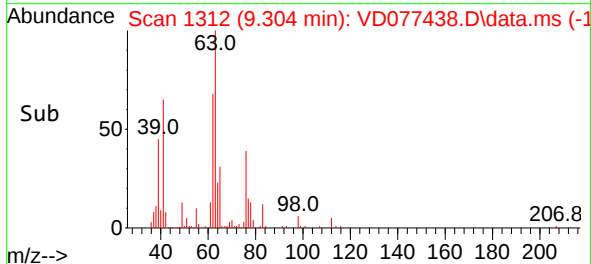
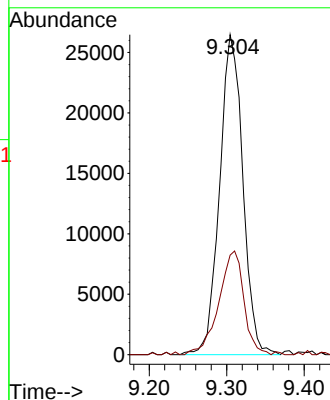
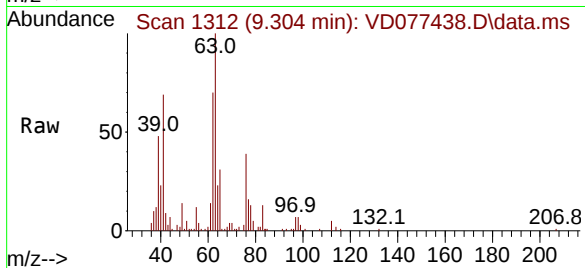
65 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 10.520 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

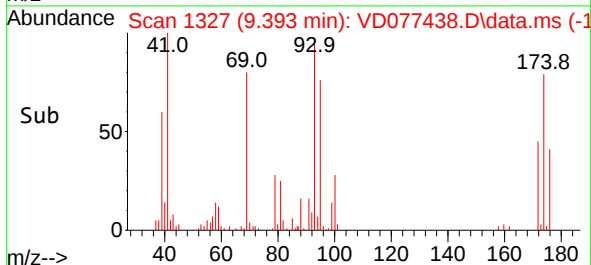
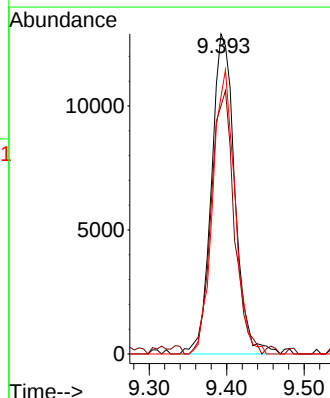
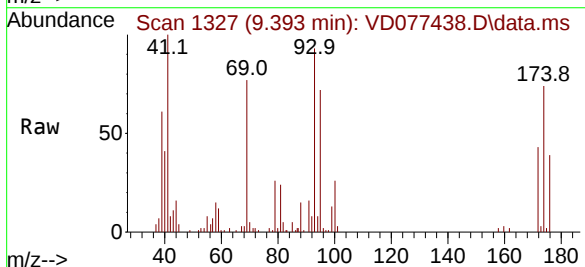
Tgt Ion: 93 Resp: 27012

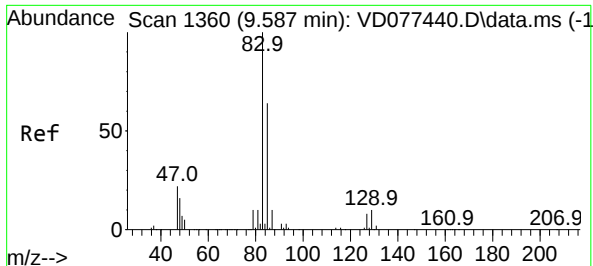
Ion Ratio Lower Upper

93 100

95 81.0 67.7 101.5

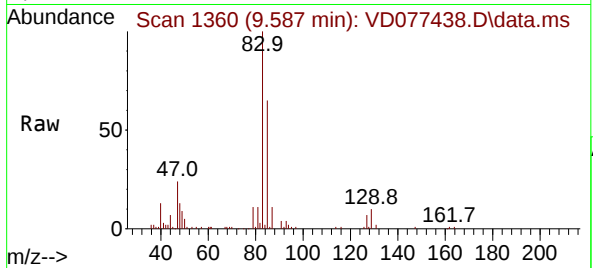
174 84.5 85.4 128.2#





#47
Bromodichloromethane
Concen: 10.375 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

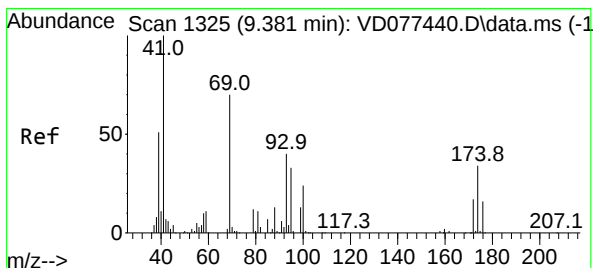
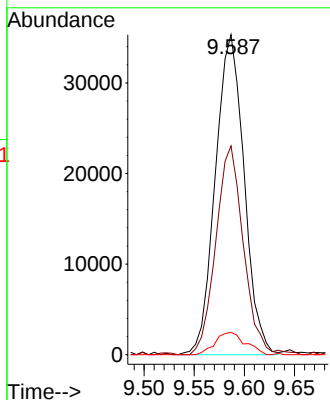
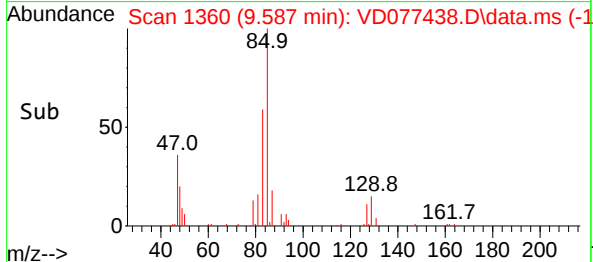
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



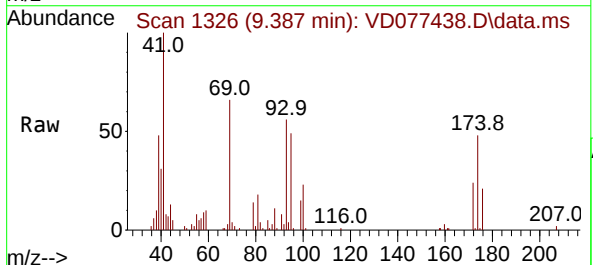
Tgt Ion: 83 Resp: 7041
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 6.9 6.3 9.5

Manual Integrations
APPROVED

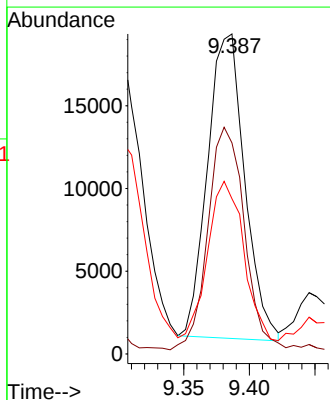
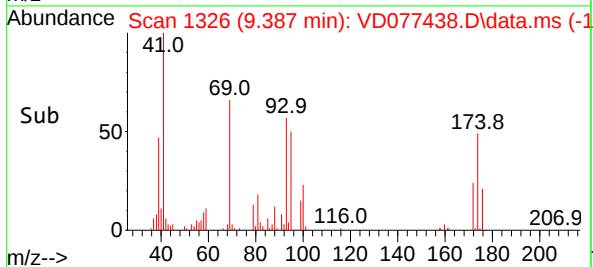
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

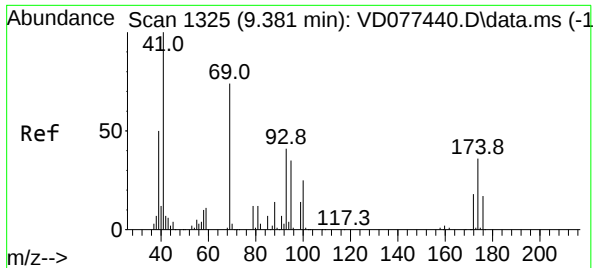


#48
Methyl methacrylate
Concen: 10.067 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion: 41 Resp: 36169
Ion Ratio Lower Upper
41 100
69 72.1 102.2 153.2#
39 54.9 41.4 62.2





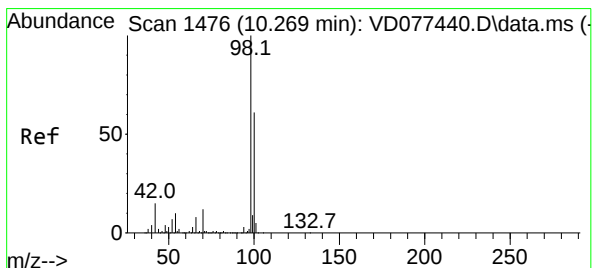
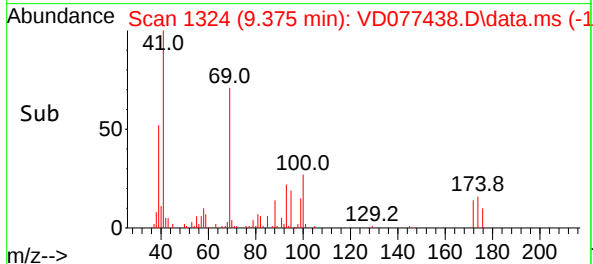
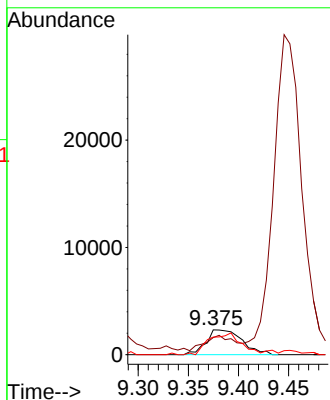
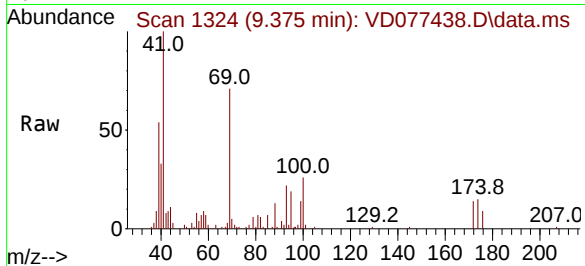
#49
1,4-Dioxane
Concen: 208.985 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 5760
Ion Ratio Lower Upper
88 100
43 46.7 19.0 28.6
58 78.4 43.5 65.3

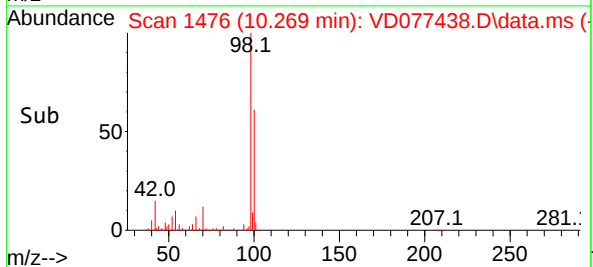
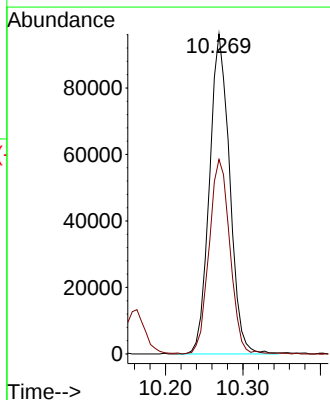
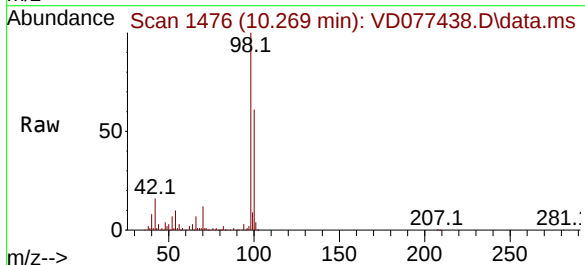
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#50
Toluene-d8
Concen: 10.449 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

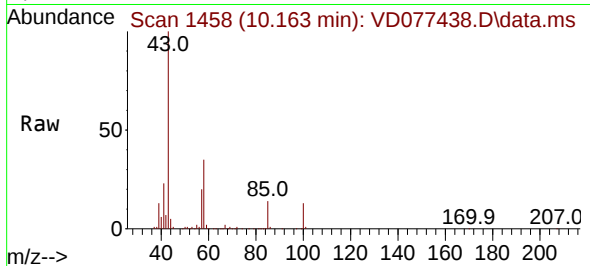
Tgt Ion: 98 Resp: 173982
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 51.752 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

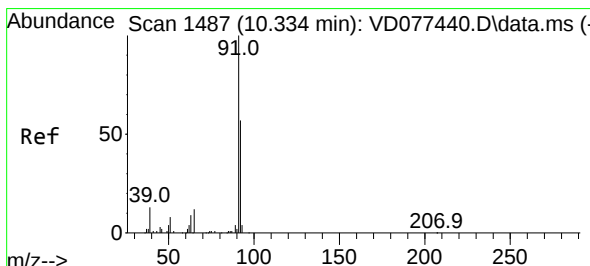
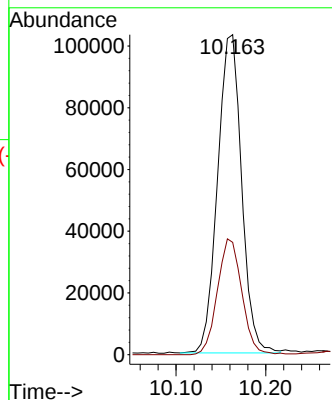
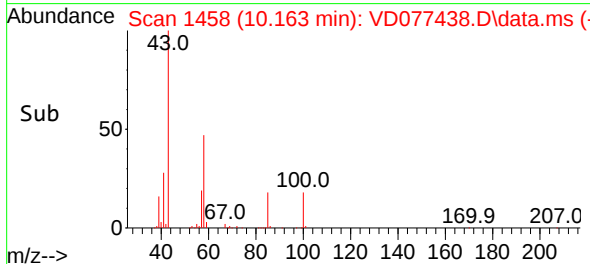
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 191732
Ion Ratio Lower Upper
43 100
58 37.0 38.9 58.3

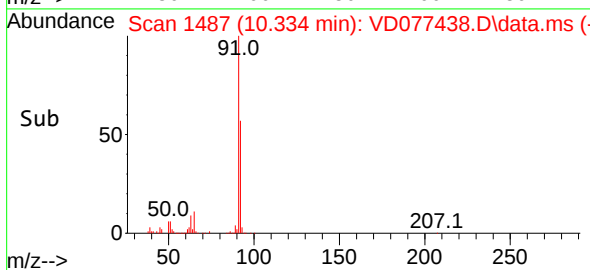
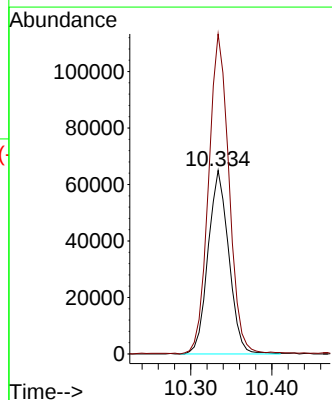
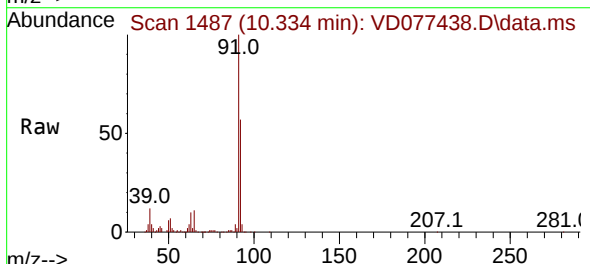
Manual Integrations
APPROVED

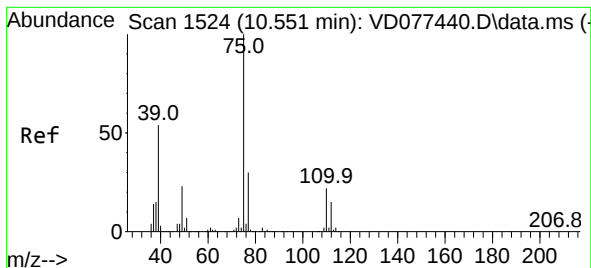
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 10.386 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

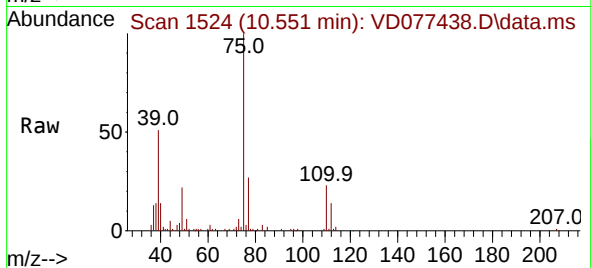
Tgt Ion: 92 Resp: 114742
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 10.354 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

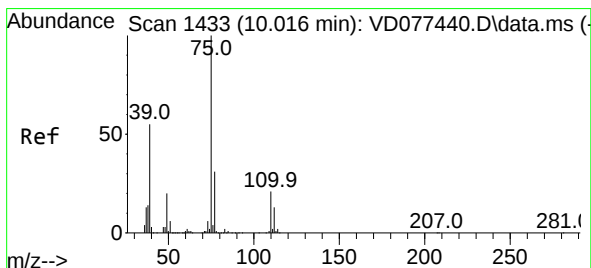
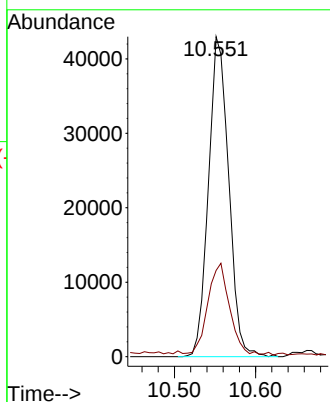
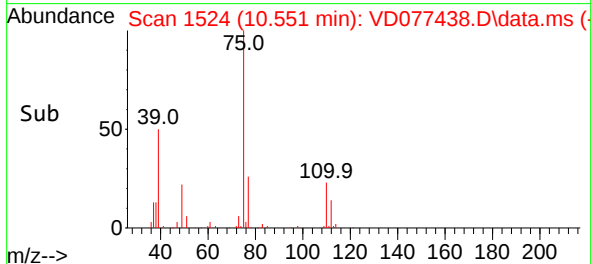
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



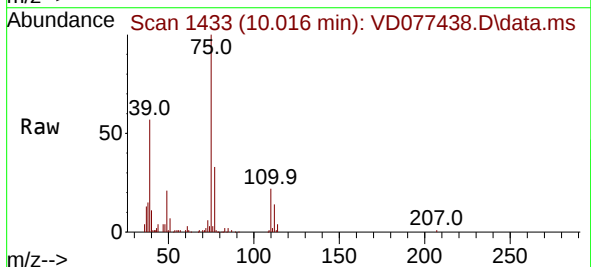
Tgt Ion: 75 Resp: 74400
Ion Ratio Lower Upper
75 100
77 25.9 25.3 37.9

Manual Integrations
APPROVED

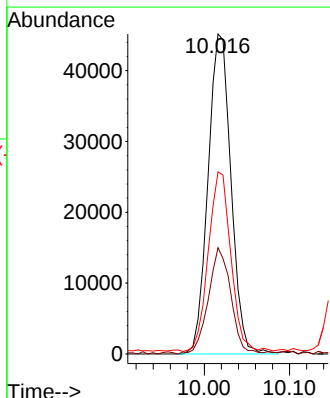
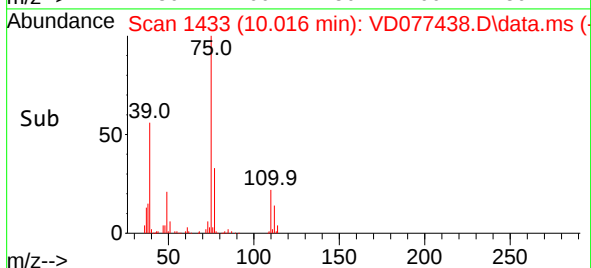
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

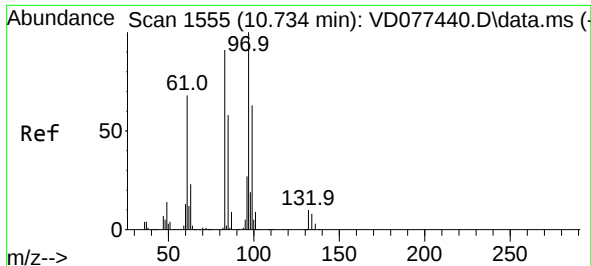


#54
cis-1,3-Dichloropropene
Concen: 10.229 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



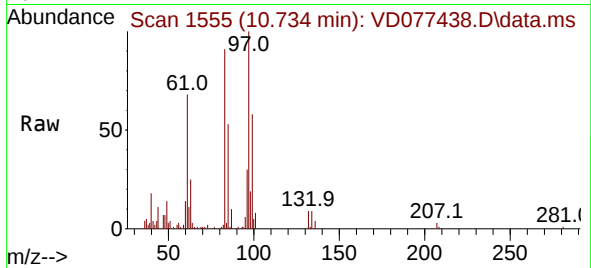
Tgt Ion: 75 Resp: 84590
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3
39 55.7 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 10.229 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

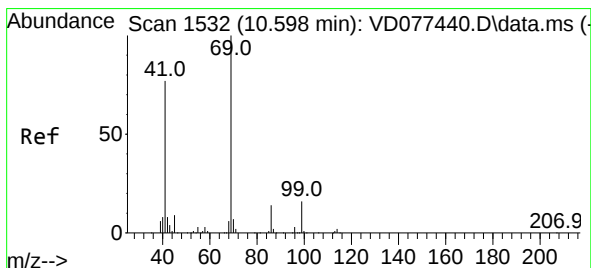
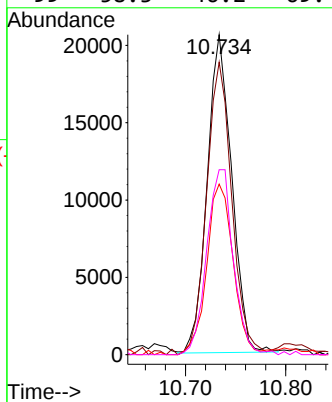
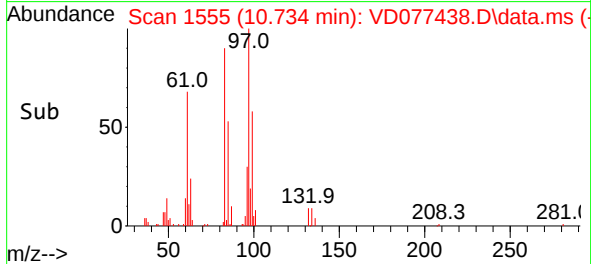
Instrument : MSVOA_D
ClientSampleId : VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.2	65.8	98.6
85	53.8	45.7	68.5
99	58.3	46.2	69.4

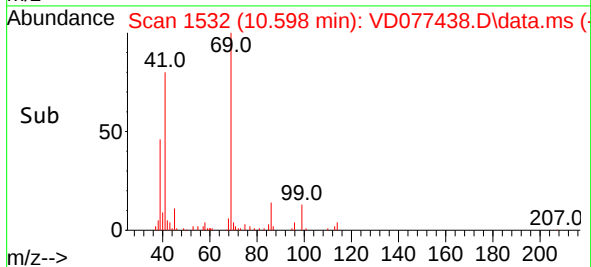
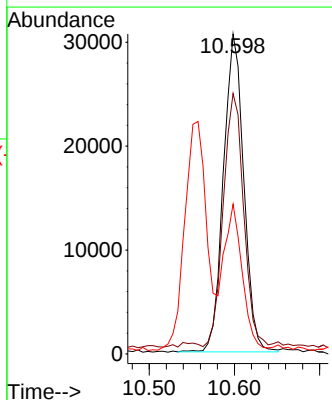
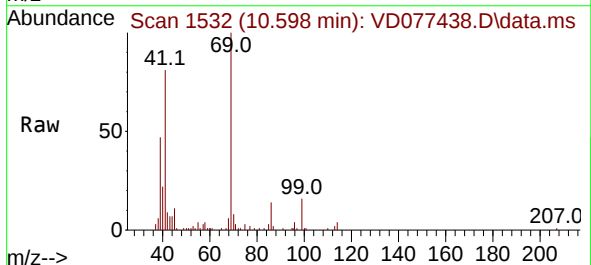
Manual Integrations
APPROVED

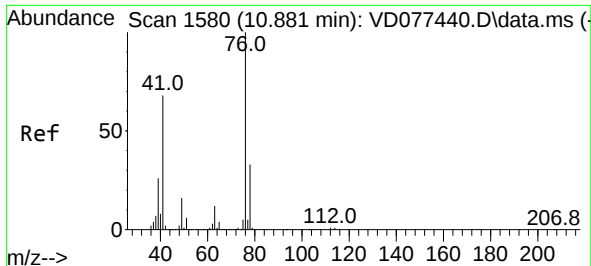
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 10.006 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	79.5	39.1	58.7#
39	39.1	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 10.499 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 67225

Ion Ratio Lower Upper

76 100

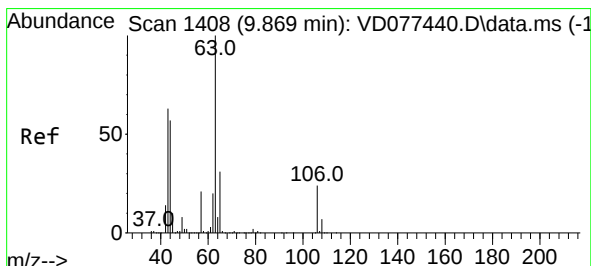
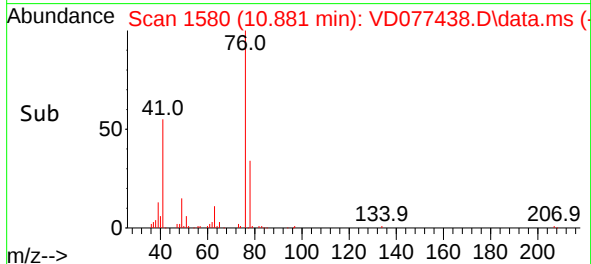
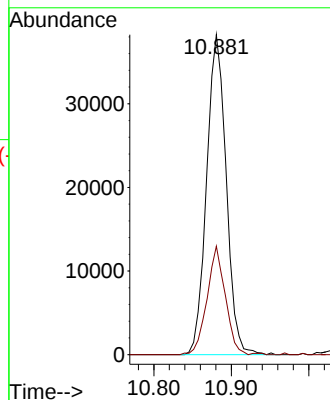
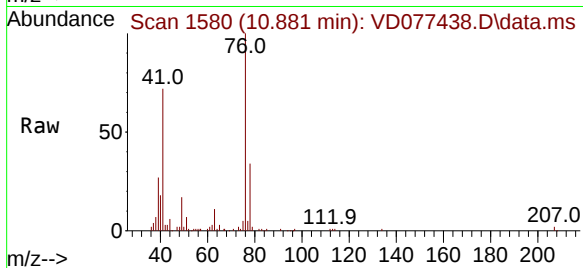
78 31.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 47.288 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077438.D

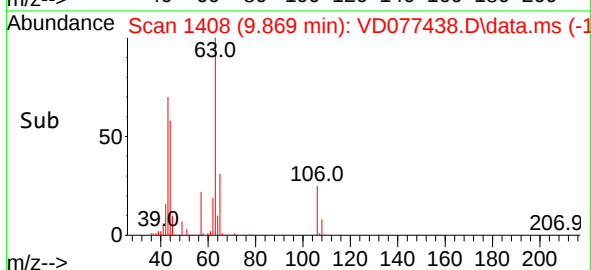
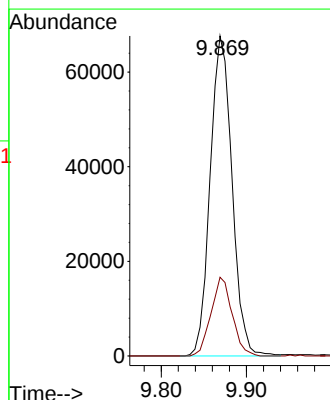
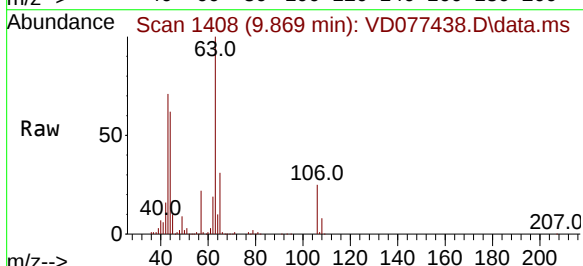
Acq: 30 Oct 2023 10:14

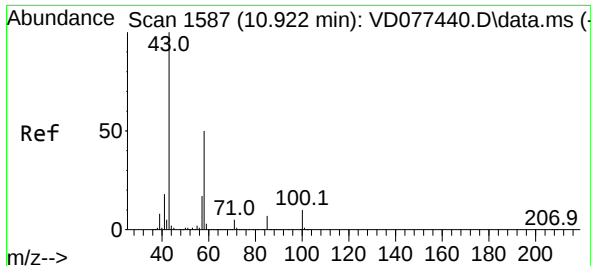
Tgt Ion: 63 Resp: 120582

Ion Ratio Lower Upper

63 100

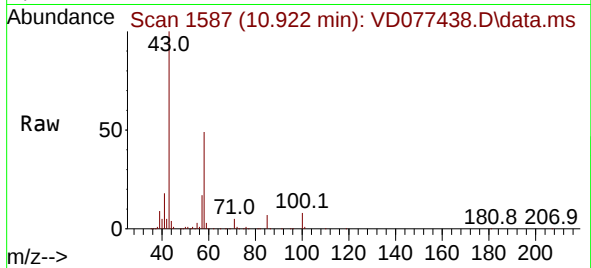
106 23.7 25.3 37.9#





#59
2-Hexanone
Concen: 53.046 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

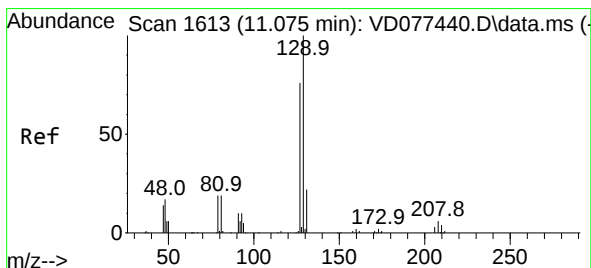
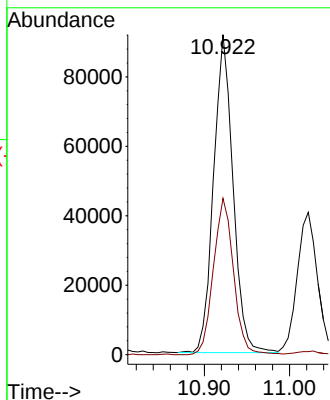
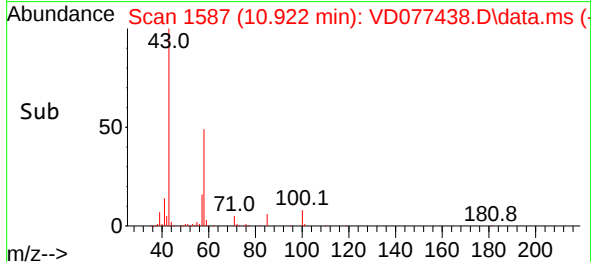
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 144775
Ion Ratio Lower Upper
43 100
58 51.0 34.1 102.2

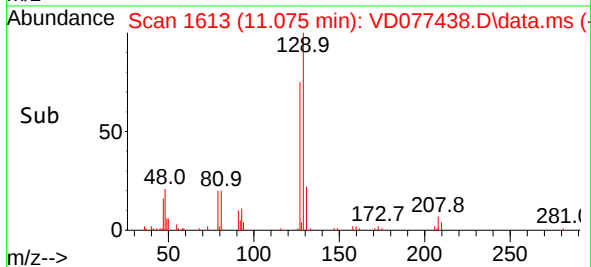
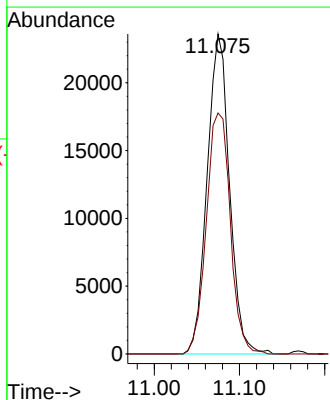
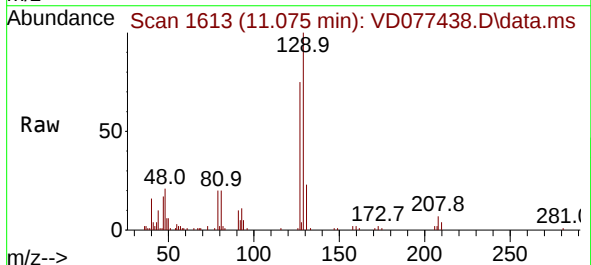
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 10.444 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

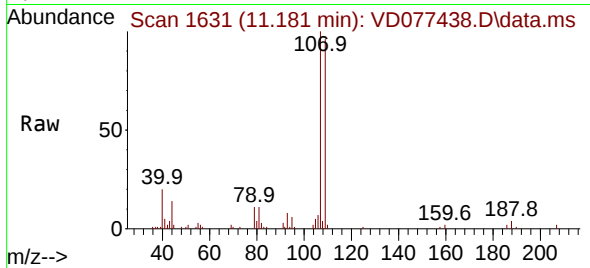
Tgt Ion:129 Resp: 43020
Ion Ratio Lower Upper
129 100
127 80.7 37.1 111.5





#61
1,2-Dibromoethane
Concen: 10.315 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

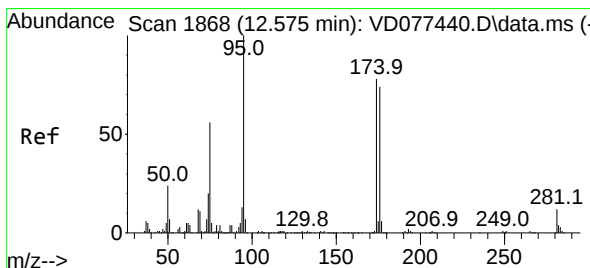
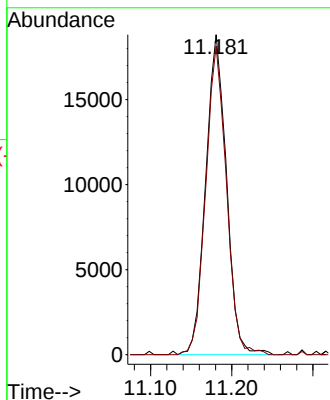
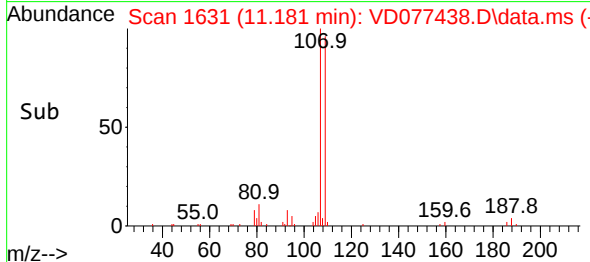
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 3346
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4

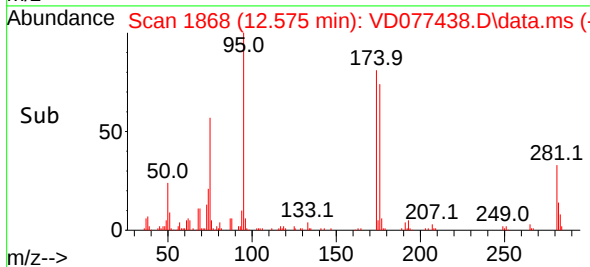
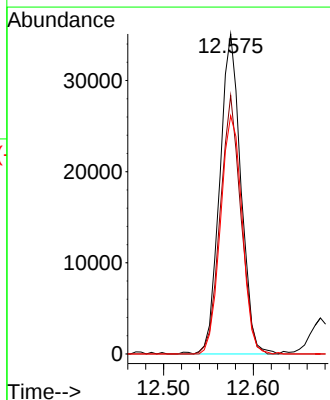
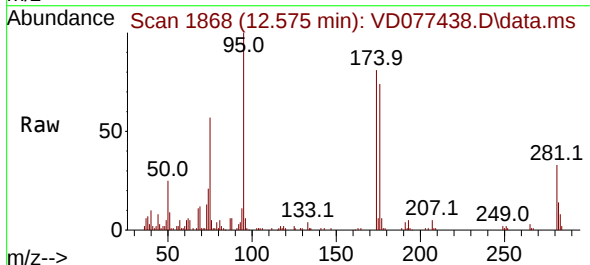
Manual Integrations
APPROVED

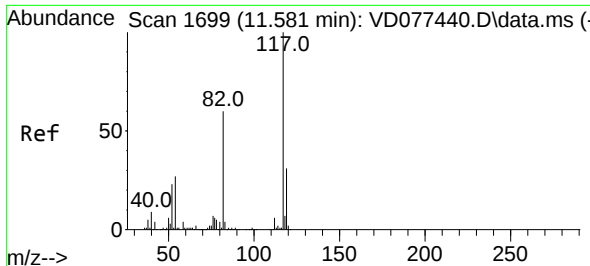
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 10.258 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

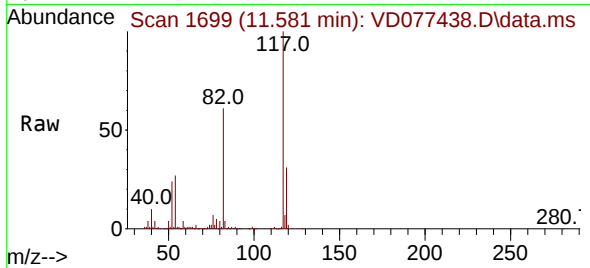
Tgt Ion: 95 Resp: 57526
Ion Ratio Lower Upper
95 100
174 78.7 0.0 201.8
176 75.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

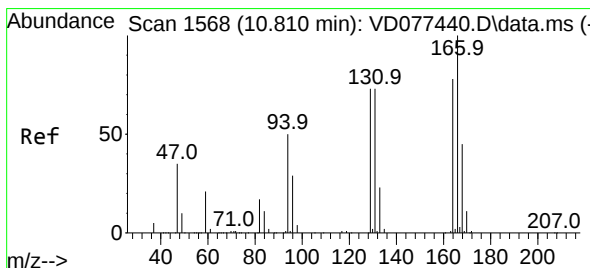
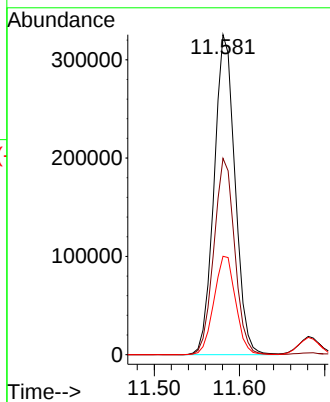
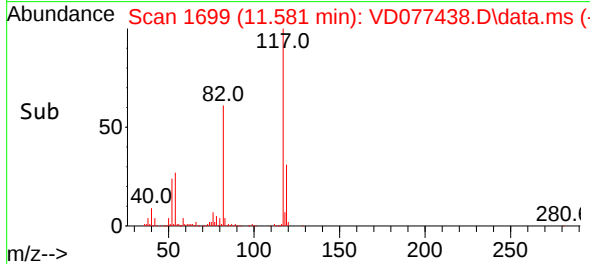
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 55604
Ion Ratio Lower Upper
117 100
82 61.3 38.3 57.5
119 30.7 25.0 37.4

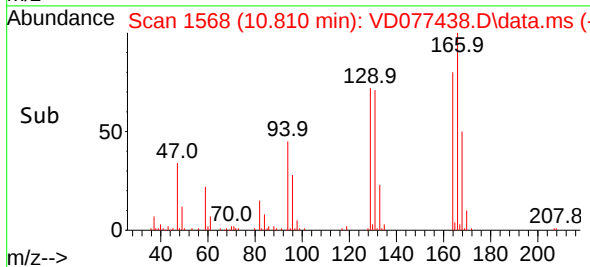
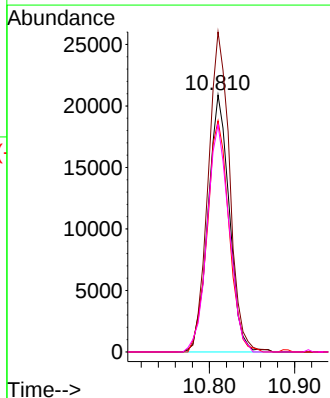
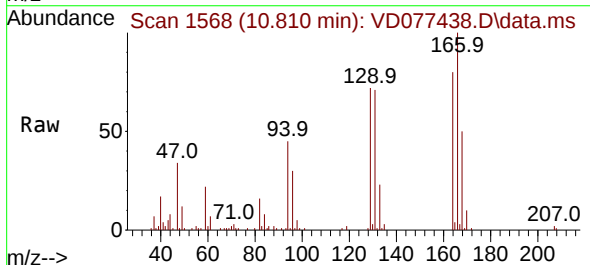
Manual Integrations
APPROVED

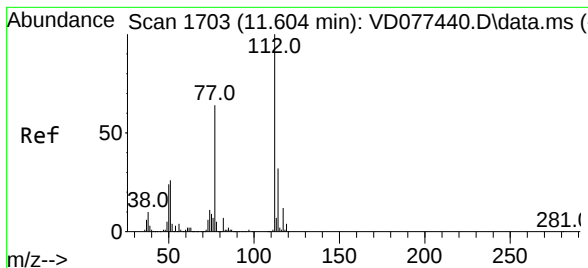
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 10.276 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

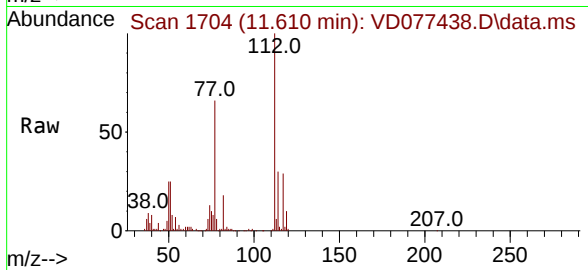
Tgt Ion:164 Resp: 36380
Ion Ratio Lower Upper
164 100
166 124.5 99.2 148.8
129 89.9 68.4 102.6
131 88.4 63.8 95.8





#65
Chlorobenzene
Concen: 10.308 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

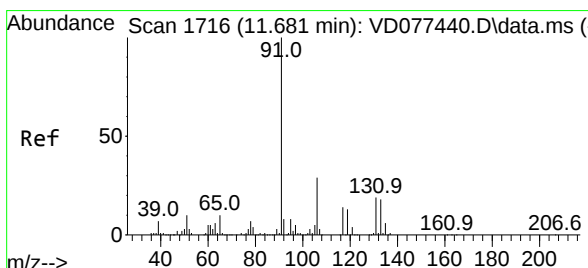
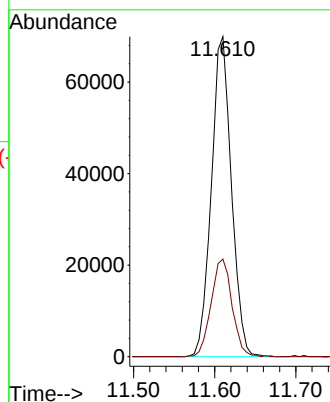
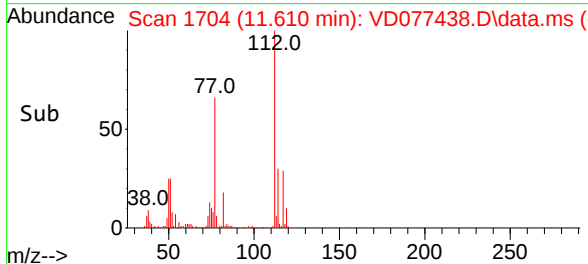
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



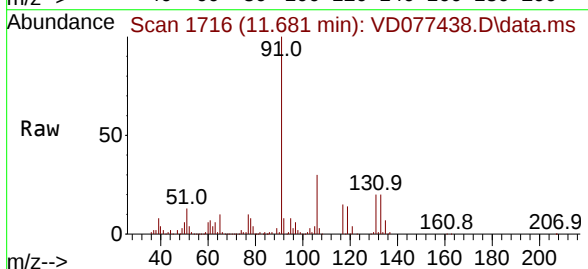
Tgt Ion:112 Resp: 12007
Ion Ratio Lower Upper
112 100
114 30.5 25.1 37.7

Manual Integrations
APPROVED

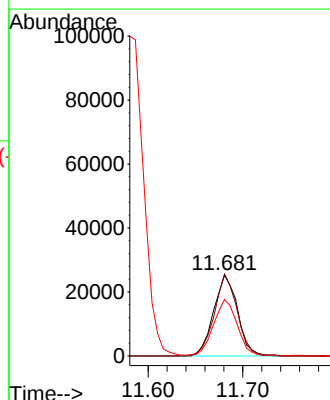
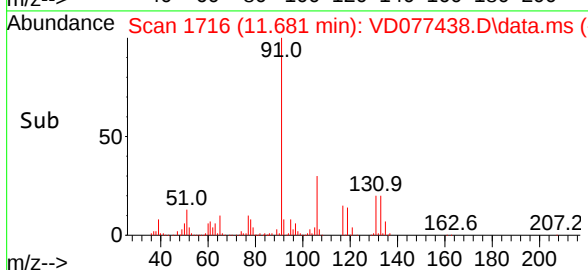
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

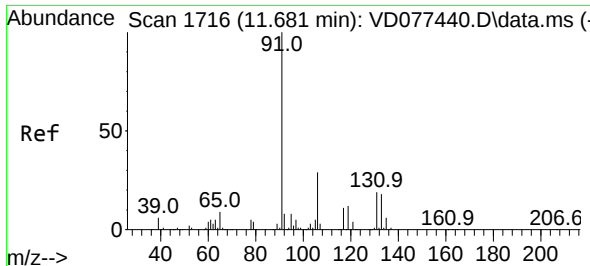


#66
1,1,1,2-Tetrachloroethane
Concen: 10.042 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion:131 Resp: 44208
Ion Ratio Lower Upper
131 100
133 97.1 48.5 145.5
119 69.9 35.6 106.9





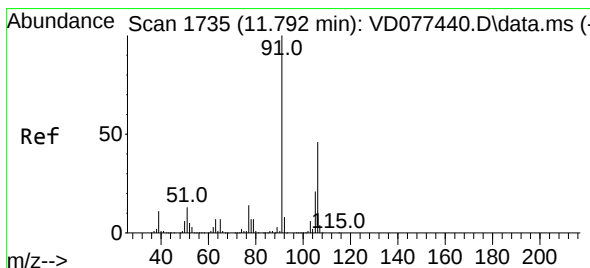
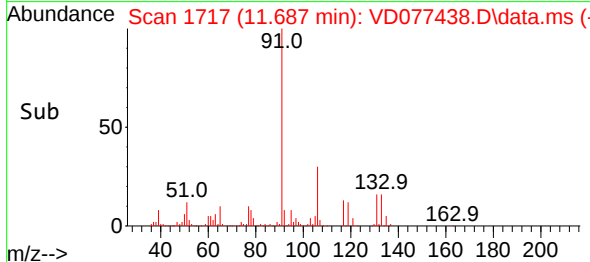
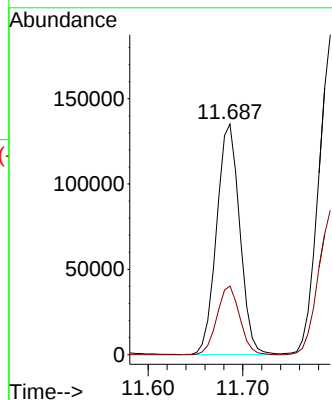
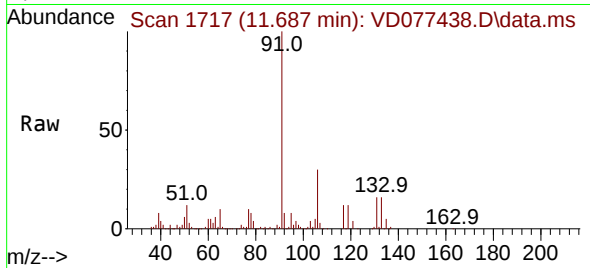
#67
Ethyl Benzene
Concen: 10.248 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 22970
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7

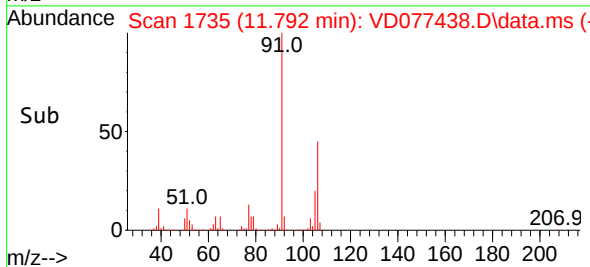
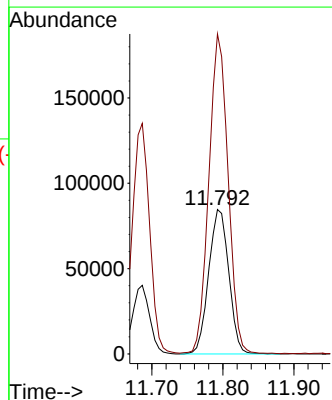
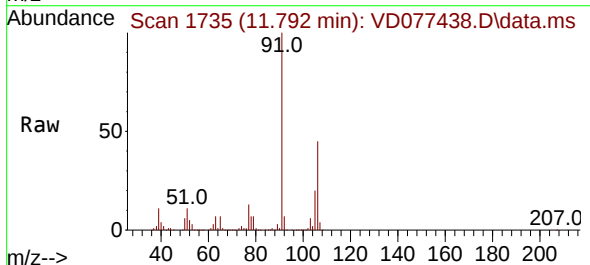
Manual Integrations
APPROVED

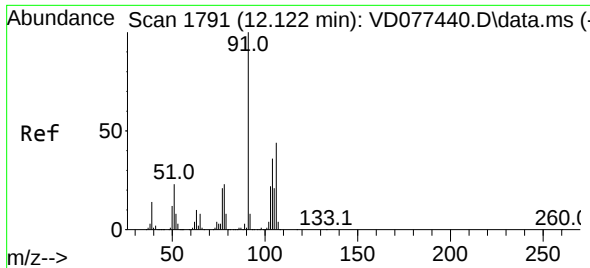
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 20.557 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:106 Resp: 166390
Ion Ratio Lower Upper
106 100
91 211.6 147.0 220.6





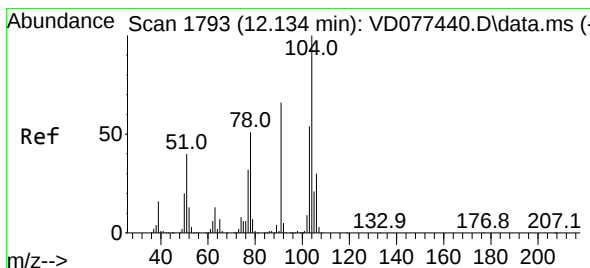
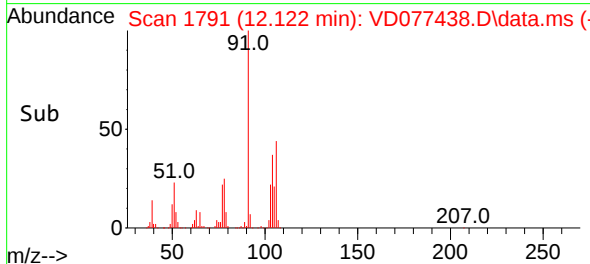
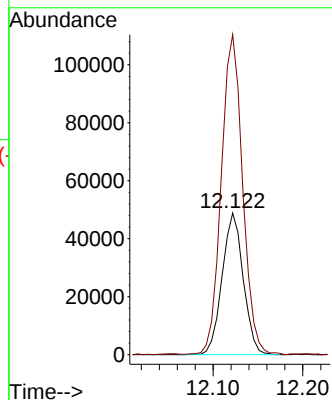
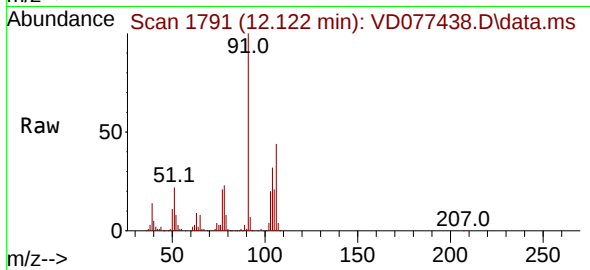
#69
o-Xylene
Concen: 10.286 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 79745
Ion Ratio Lower Upper
106 100
91 228.9 97.9 293.6

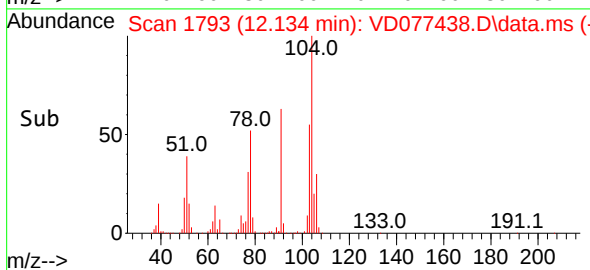
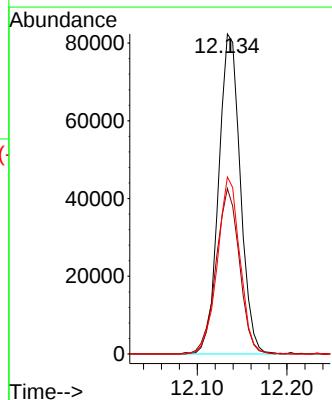
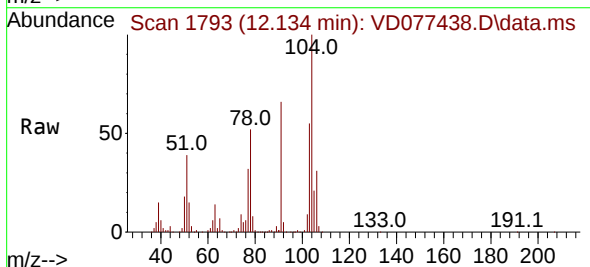
Manual Integrations
APPROVED

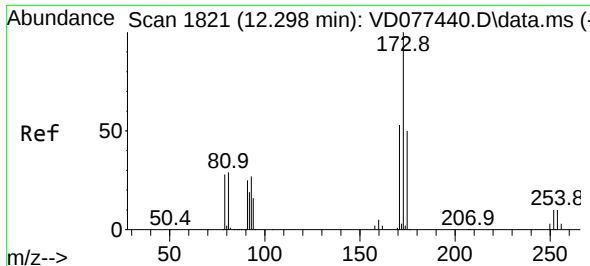
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 10.344 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

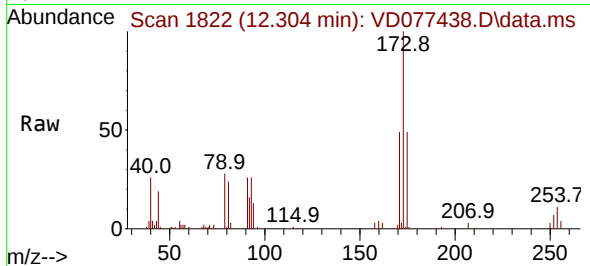
Tgt Ion:104 Resp: 138341
Ion Ratio Lower Upper
104 100
78 55.7 33.2 49.8#
103 57.4 43.6 65.4





#71
Bromoform
Concen: 10.565 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

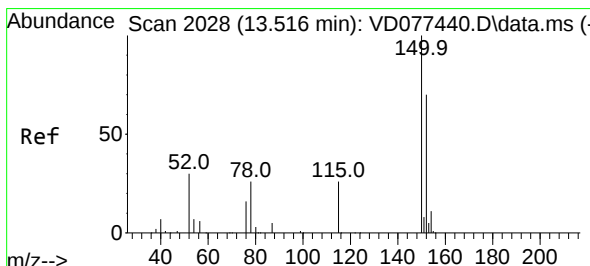
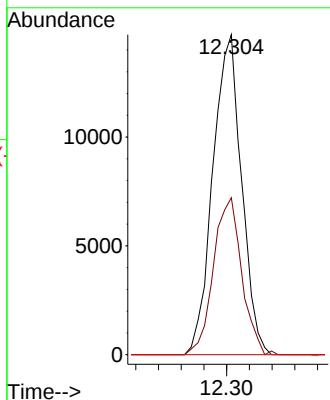
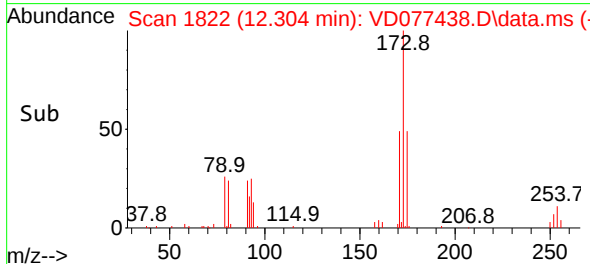
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



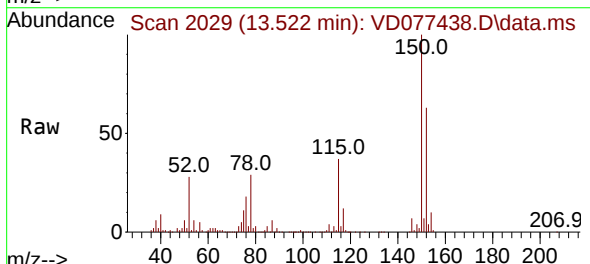
Tgt Ion:173 Resp: 2578
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

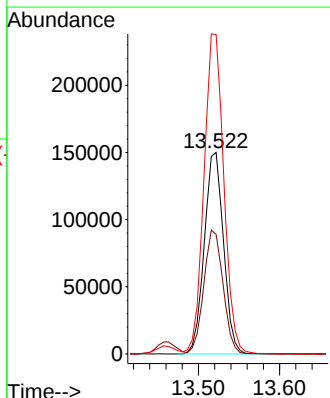
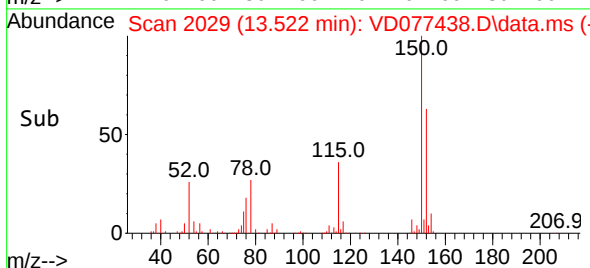
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

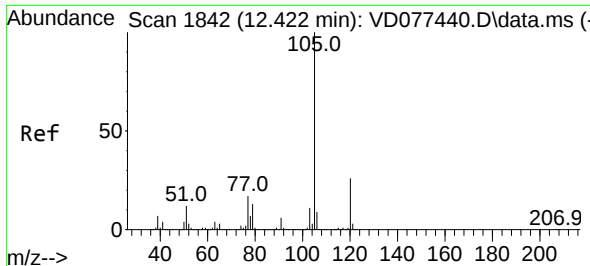


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



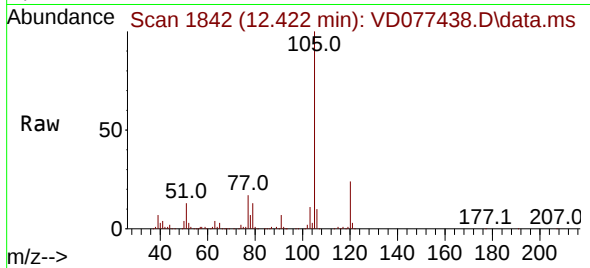
Tgt Ion:152 Resp: 246666
Ion Ratio Lower Upper
152 100
115 61.6 27.1 81.3
150 163.8 0.0 353.6





#73
Isopropylbenzene
Concen: 10.615 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

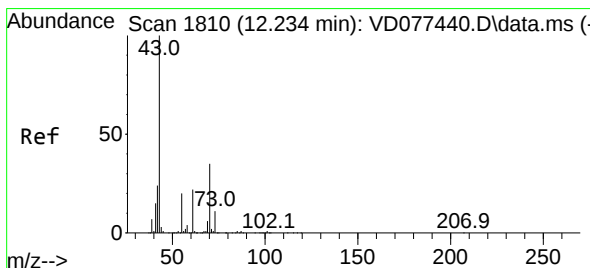
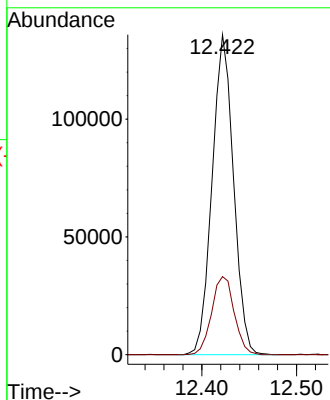
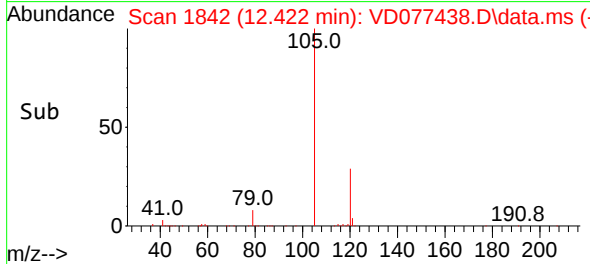
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 21347
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

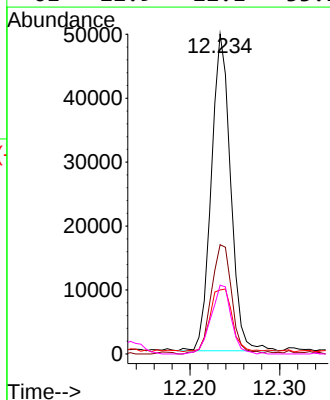
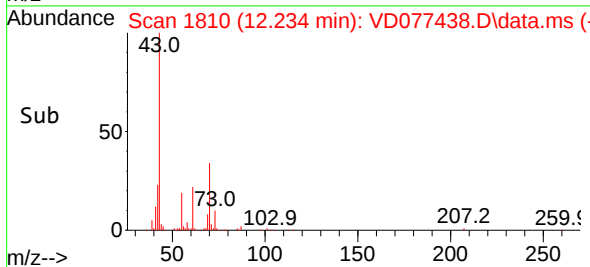
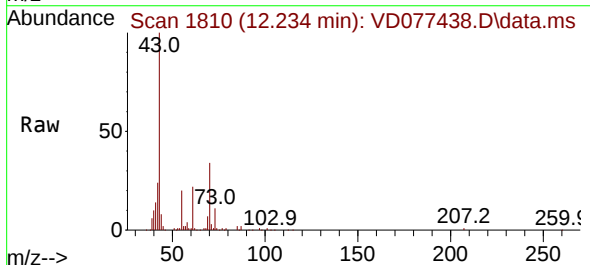
Manual Integrations
APPROVED

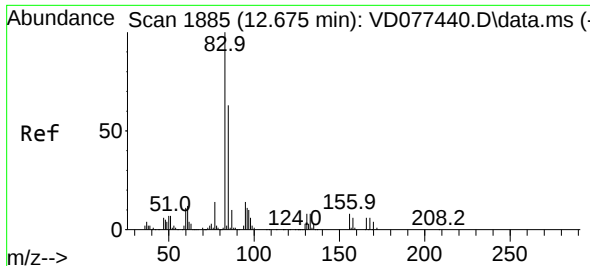
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 10.401 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

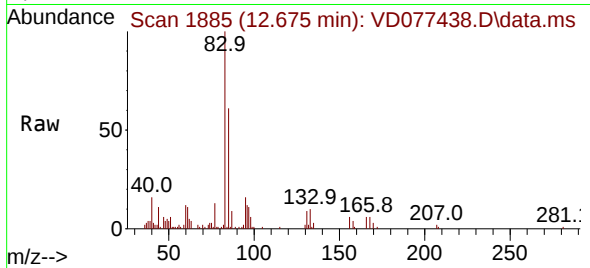
Tgt Ion: 43 Resp: 74089
Ion Ratio Lower Upper
43 100
70 36.4 45.0 67.4#
55 22.9 23.8 35.6#
61 22.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 10.677 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

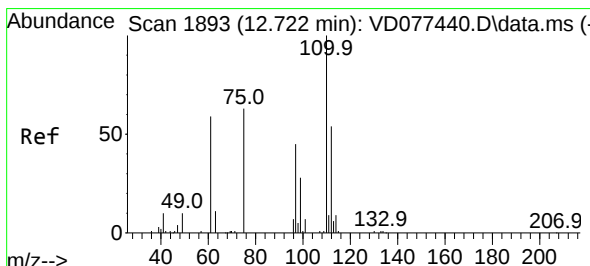
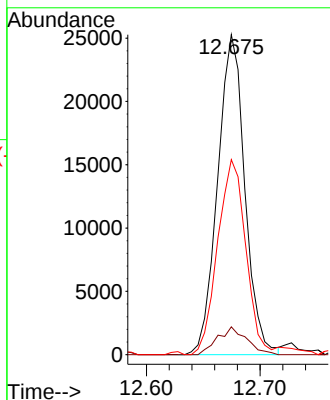
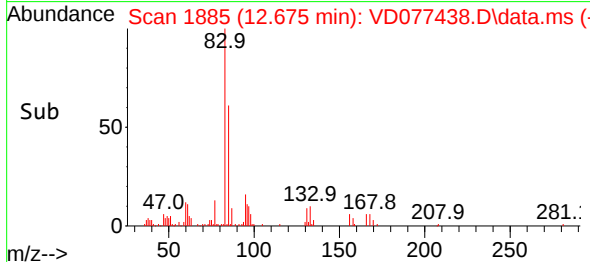
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



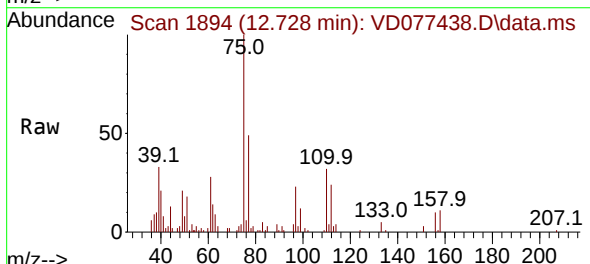
Tgt Ion: 83 Resp: 42090
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 62.8 32.6 97.8

Manual Integrations
APPROVED

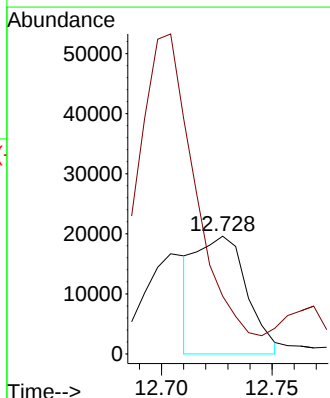
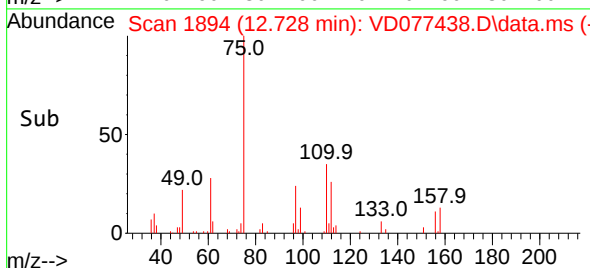
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

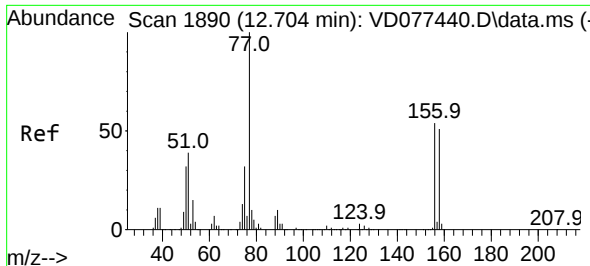


#76
1,2,3-Trichloropropane
Concen: 9.476 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



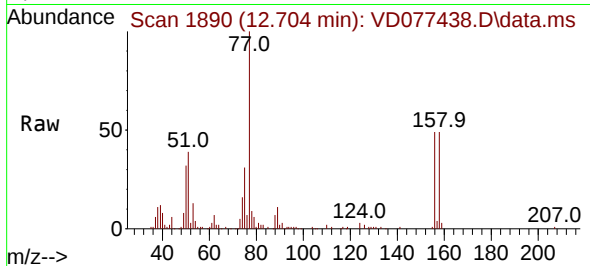
Tgt Ion: 75 Resp: 31234
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 10.203 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

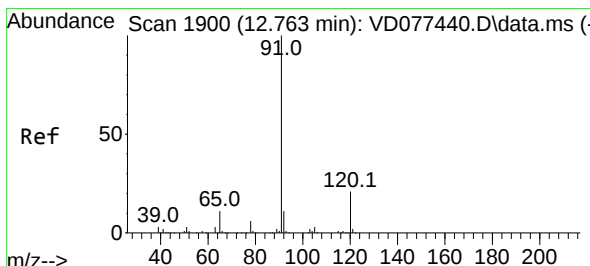
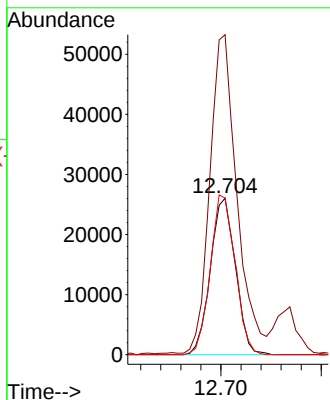
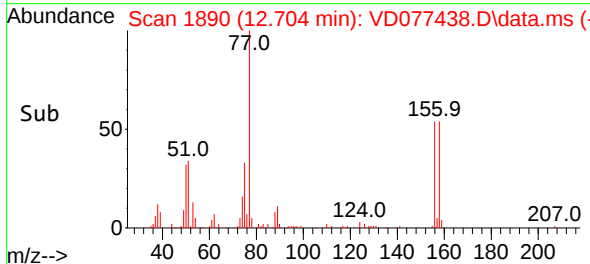
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 45160
Ion Ratio Lower Upper
156 100
77 220.5 76.8 230.4
158 101.2 48.6 145.9

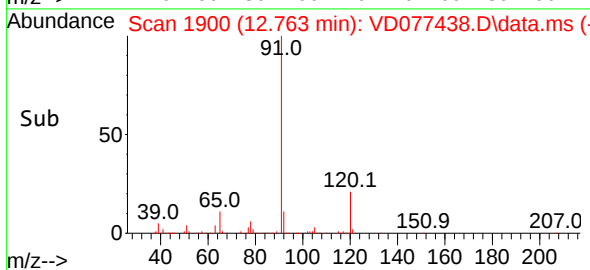
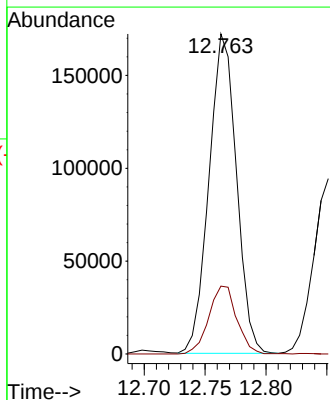
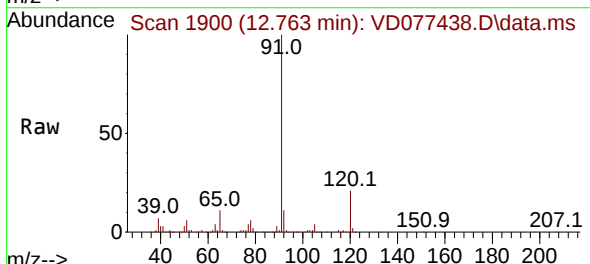
Manual Integrations
APPROVED

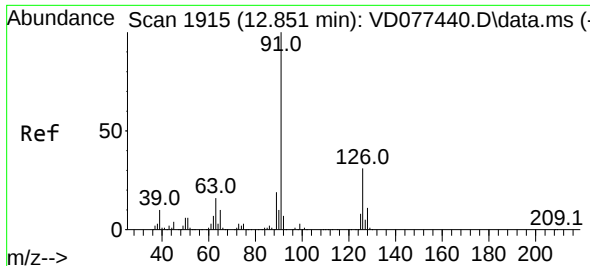
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#78
n-propylbenzene
Concen: 10.566 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 91 Resp: 269800
Ion Ratio Lower Upper
91 100
120 21.6 12.4 37.2





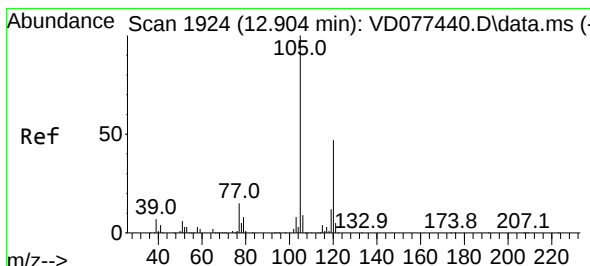
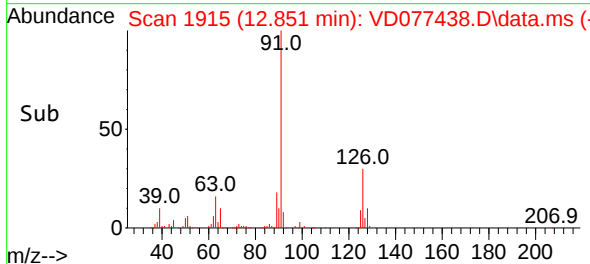
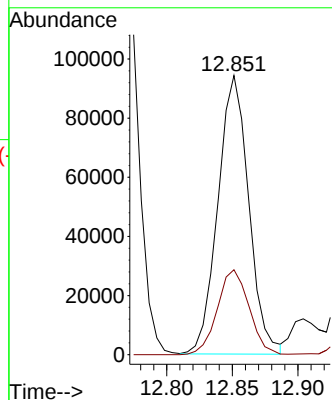
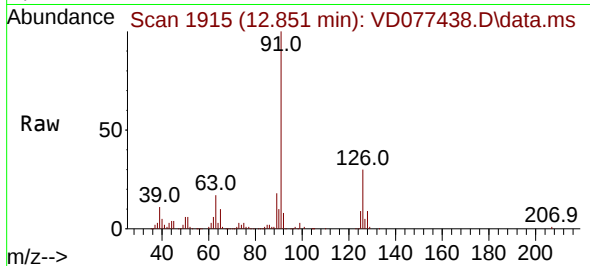
#79
2-Chlorotoluene
Concen: 10.666 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 154218
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.1

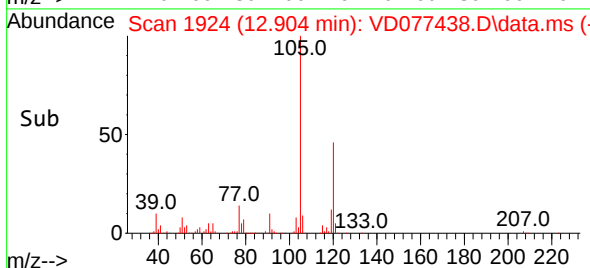
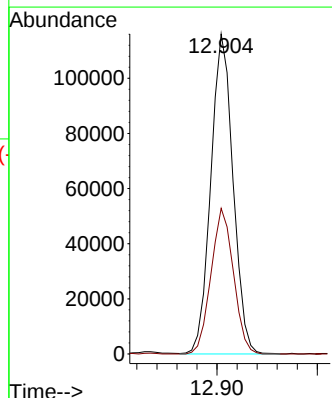
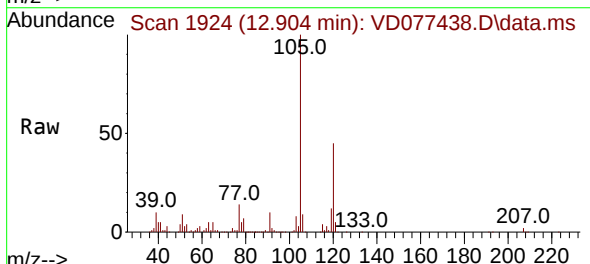
Manual Integrations
APPROVED

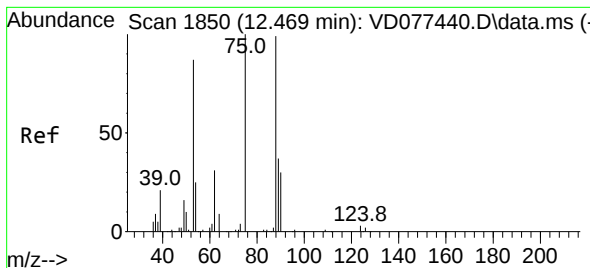
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.572 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:105 Resp: 178405
Ion Ratio Lower Upper
105 100
120 45.9 26.4 79.2





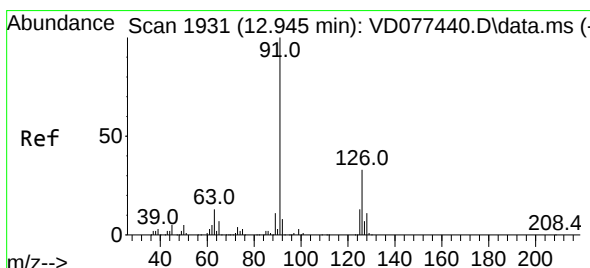
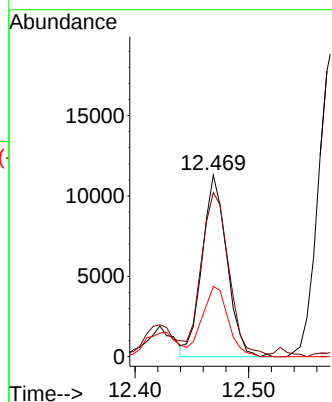
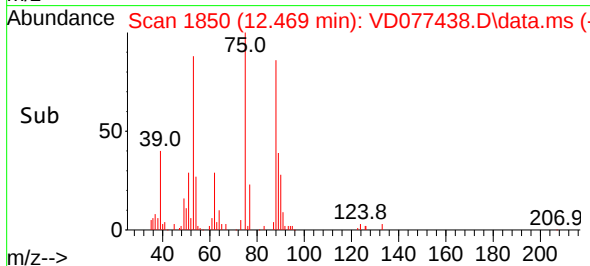
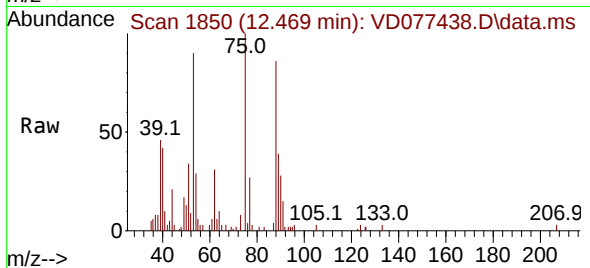
#81
trans-1,4-Dichloro-2-butene
Concen: 11.000 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 17090
Ion Ratio Lower Upper
75 100
53 97.1 63.0 94.4
89 40.4 37.9 56.9

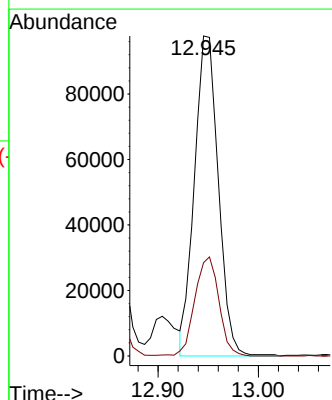
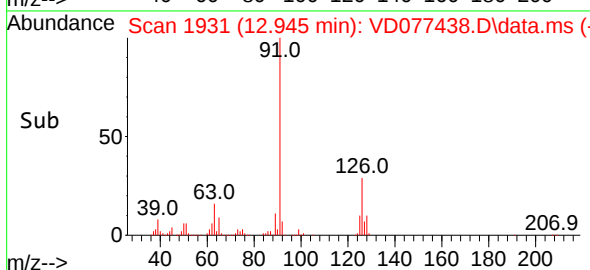
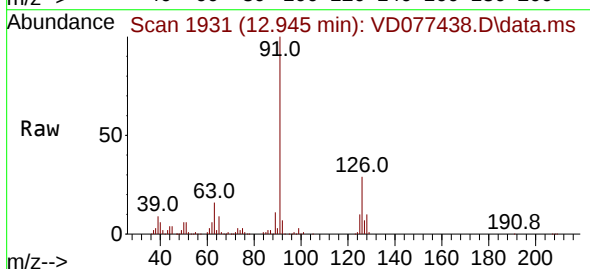
Manual Integrations
APPROVED

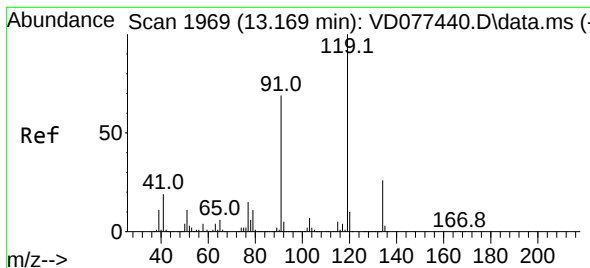
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 10.755 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 91 Resp: 161974
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.4





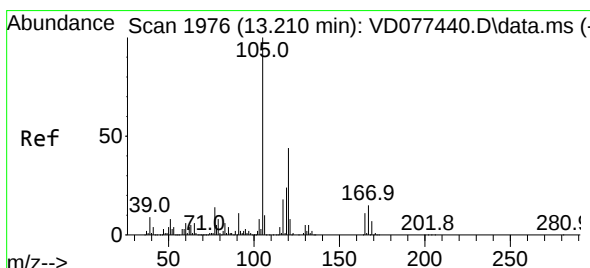
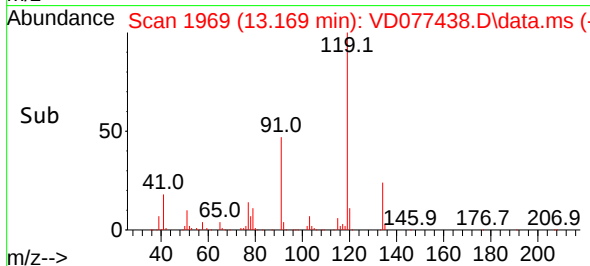
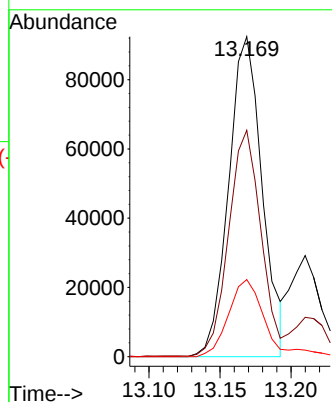
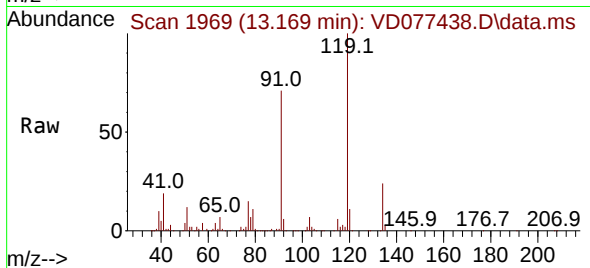
#83
tert-Butylbenzene
Concen: 10.697 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 151768
Ion Ratio Lower Upper
119 100
91 69.1 29.3 87.8
134 26.2 14.1 42.3

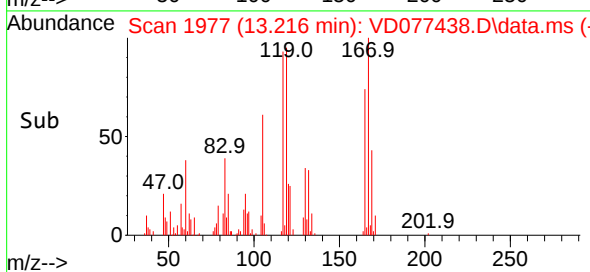
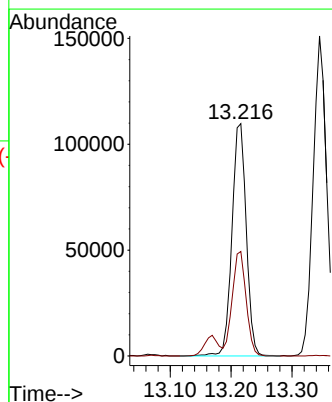
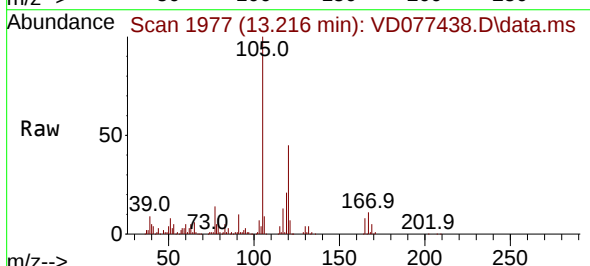
Manual Integrations
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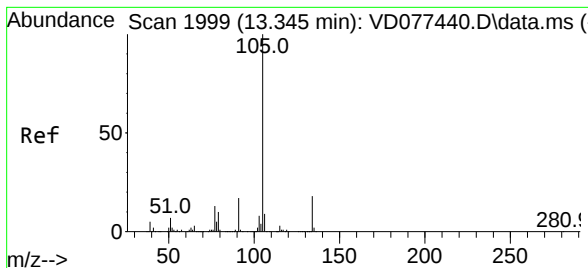
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 10.695 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

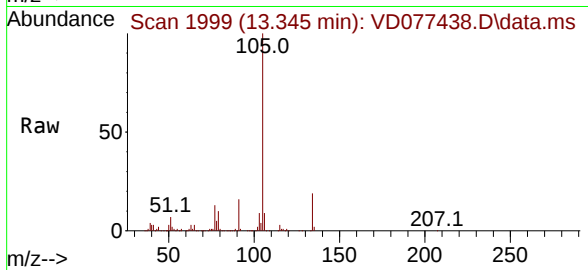
Tgt Ion:105 Resp: 179270
Ion Ratio Lower Upper
105 100
120 43.7 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 10.705 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

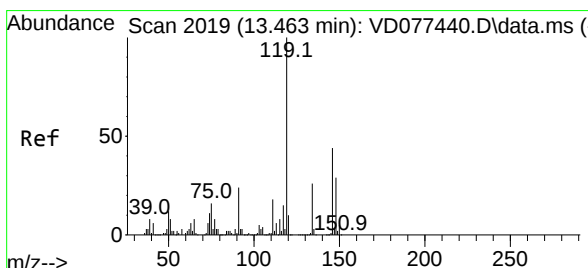
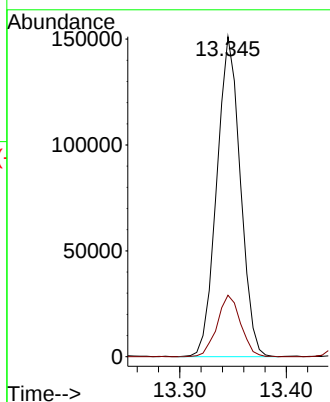
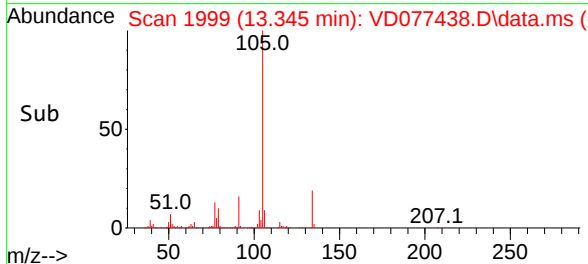
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



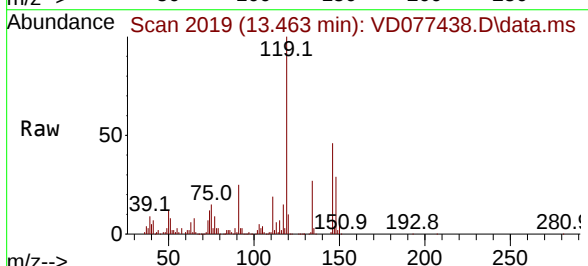
Tgt Ion:105 Resp: 232374
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9

Manual Integrations
 APPROVED

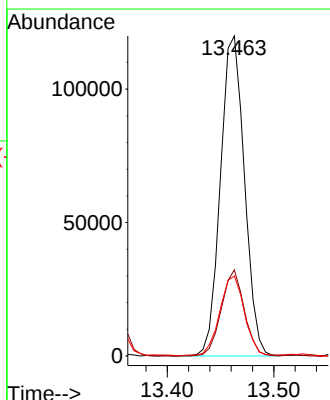
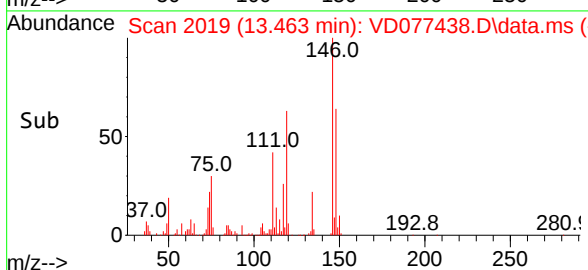
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

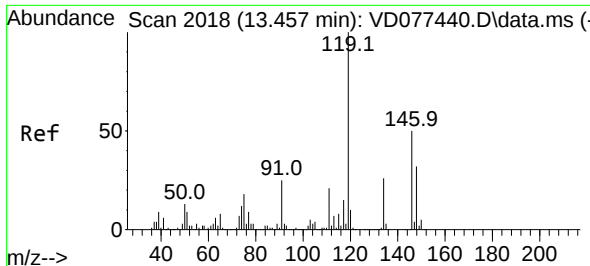


#86
 p-Isopropyltoluene
 Concen: 10.642 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14



Tgt Ion:119 Resp: 187778
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 25.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 10.495 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

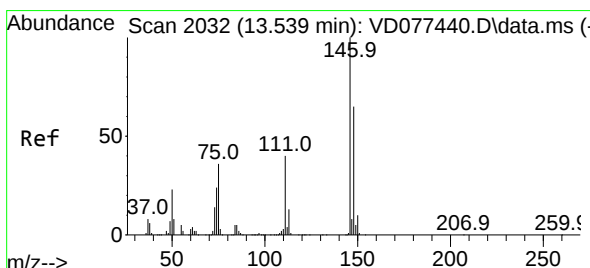
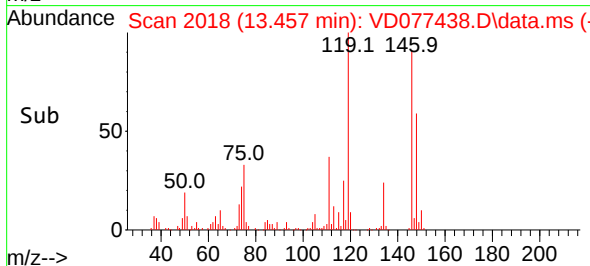
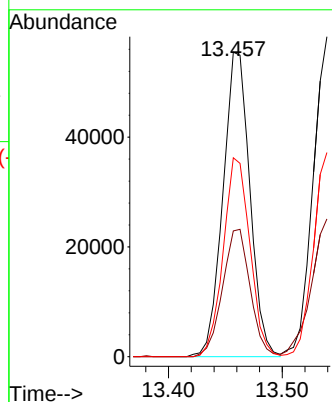
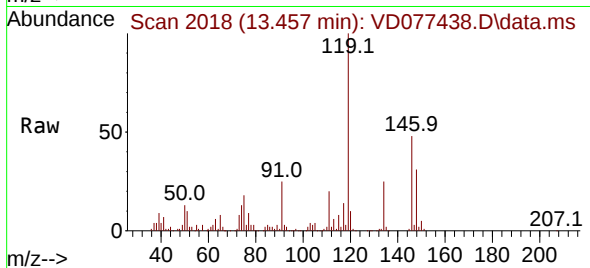
Tgt Ion:146	Resp:	9132
Ion Ratio	Lower	Upper
146	100	
111	43.0	17.9 53.8
148	64.9	32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#88

1,4-Dichlorobenzene

Concen: 10.738 ug/l

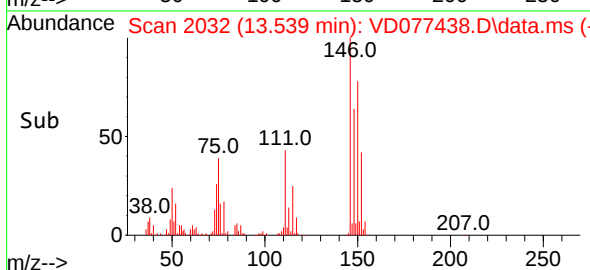
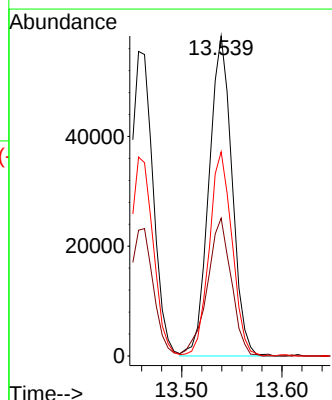
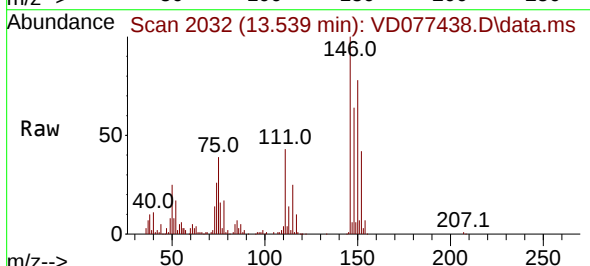
RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

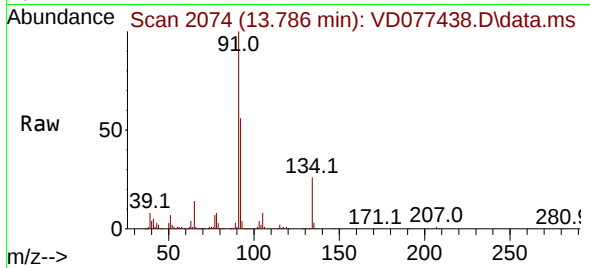
Tgt Ion:146	Resp:	93351
Ion Ratio	Lower	Upper
146	100	
111	44.6	17.4 52.3
148	63.4	31.7 95.1





#89
n-Butylbenzene
Concen: 10.591 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

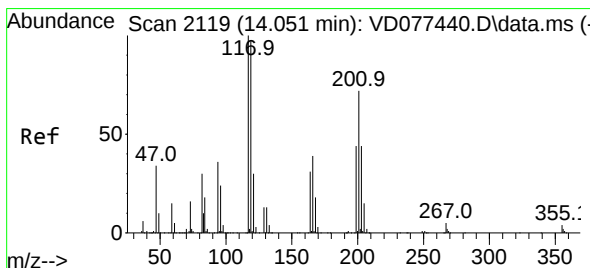
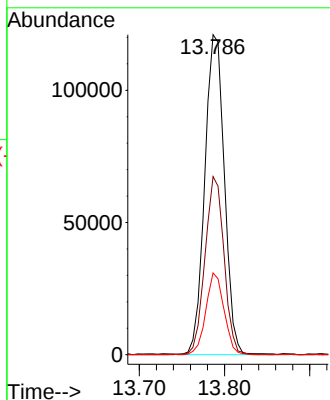
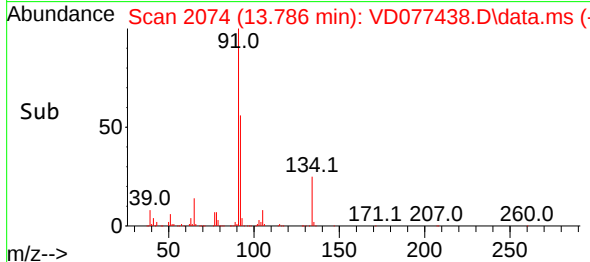
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 194239
Ion Ratio Lower Upper
91 100
92 53.9 26.5 79.5
134 23.6 13.8 41.3

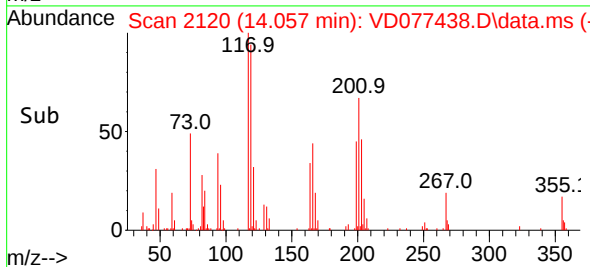
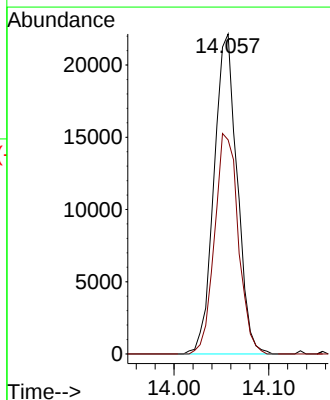
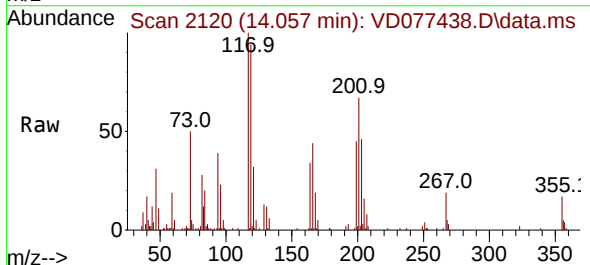
Manual Integrations
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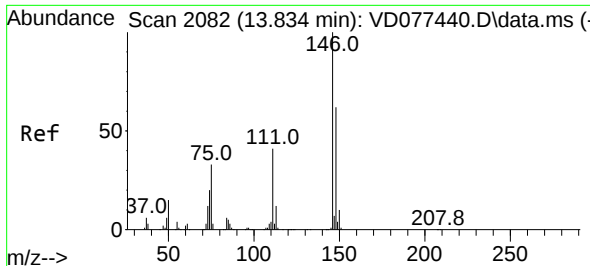
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 10.426 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:117 Resp: 37646
Ion Ratio Lower Upper
117 100
201 70.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 10.753 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 82230

Ion Ratio Lower Upper

146 100

111 43.0 18.3 54.8

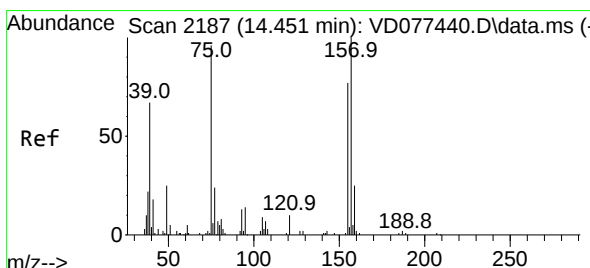
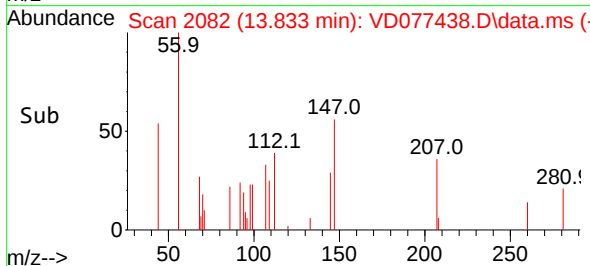
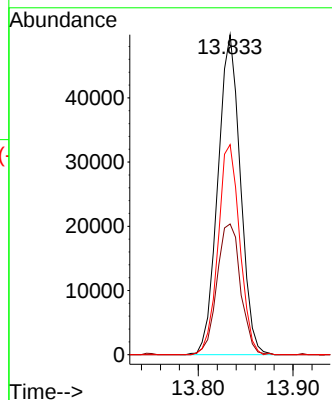
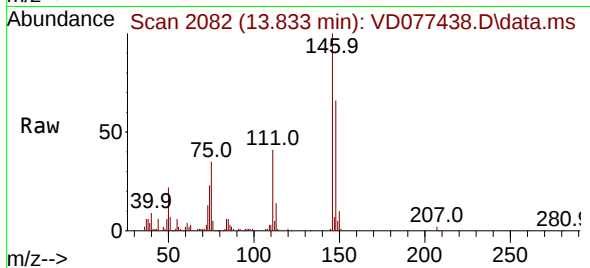
148 63.3 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.426 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

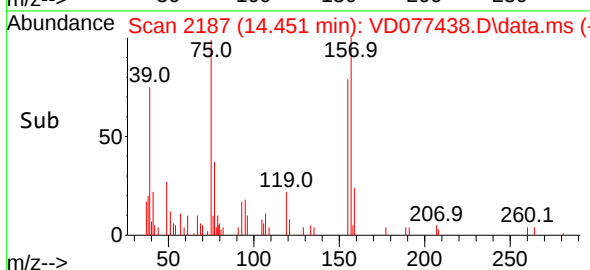
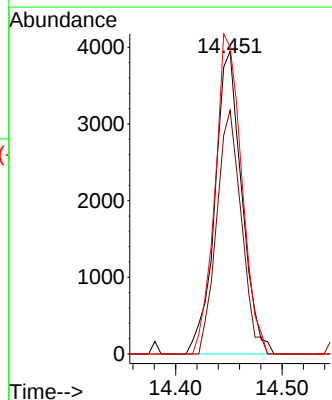
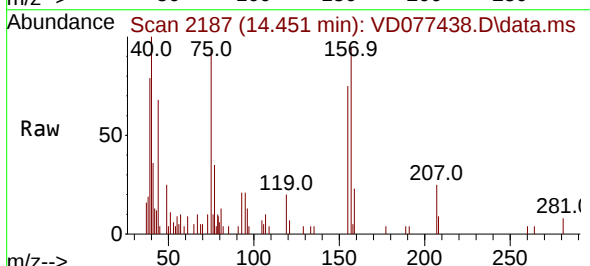
Tgt Ion: 75 Resp: 6924

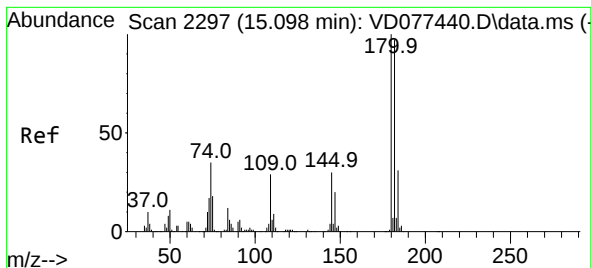
Ion Ratio Lower Upper

75 100

155 74.1 47.9 143.8

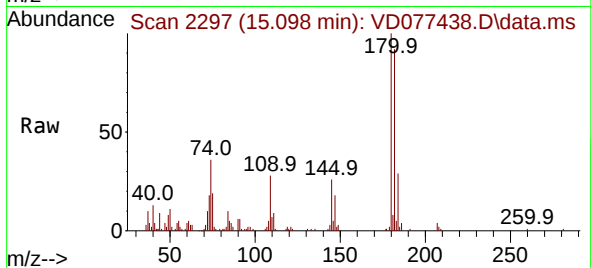
157 104.9 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 10.571 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

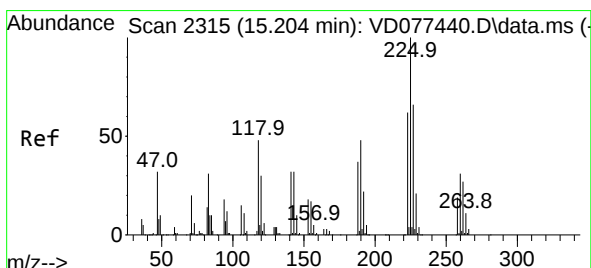
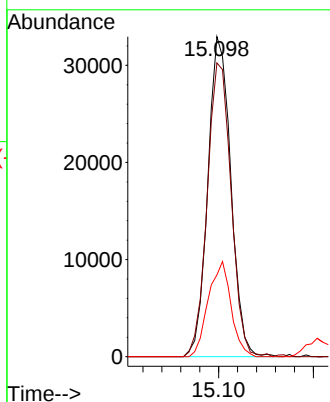
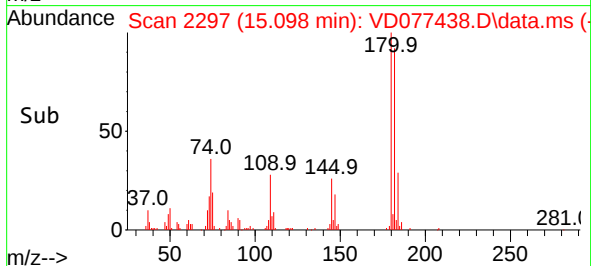
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



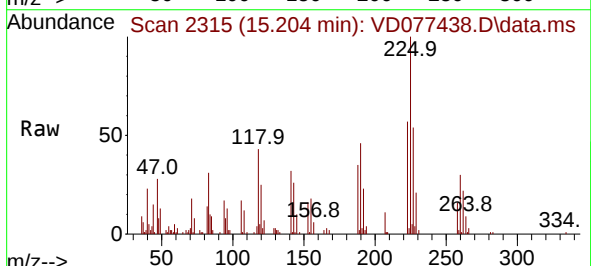
Tgt Ion:180 Resp: 55534
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 29.5 14.2 42.6

Manual Integrations
APPROVED

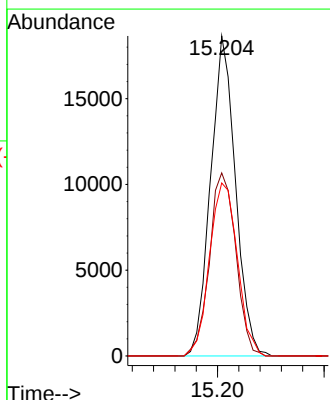
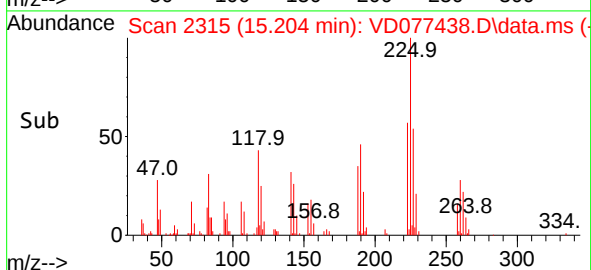
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

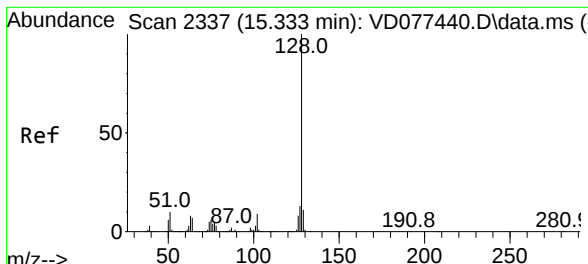


#94
Hexachlorobutadiene
Concen: 10.669 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion:225 Resp: 30233
Ion Ratio Lower Upper
225 100
223 60.5 31.6 94.8
227 60.5 31.7 95.1





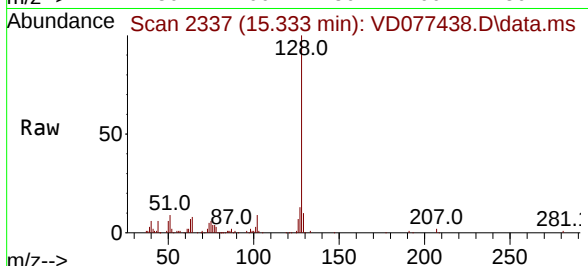
#95
Naphthalene
Concen: 10.537 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010



Tgt Ion:128 Resp: 10559

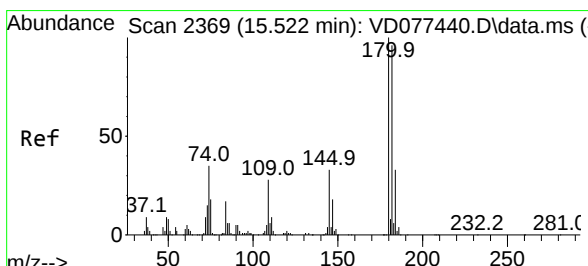
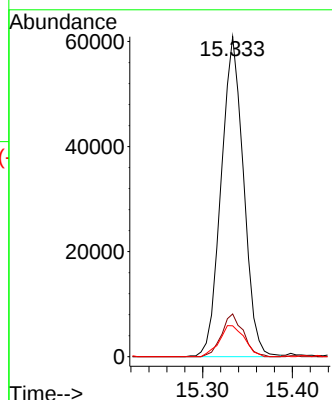
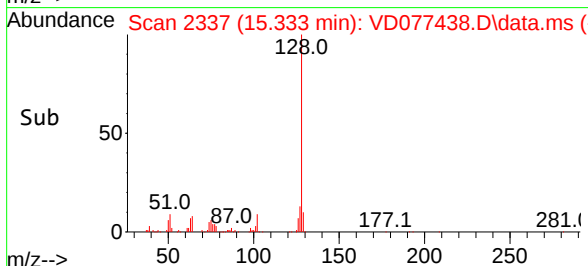
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	9.7	8.7	13.1

Manual Integrations

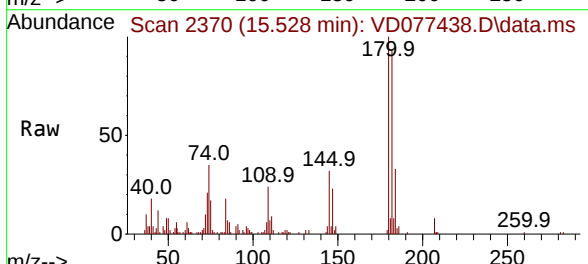
APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 10.373 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion:180 Resp: 47037

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	141.9
145	32.7	15.1	45.3

