

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077442.D
 Acq On : 30 Oct 2023 12:02
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Oct 31 03:57:40 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	340330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	595085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	526150	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	240679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	708054	147.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 294.260%#	
35) Dibromofluoromethane	7.805	113	624342	151.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 303.600%#	
50) Toluene-d8	10.269	98	2439997	152.730	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 305.460%#	
62) 4-Bromofluorobenzene	12.575	95	809378	150.420	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 300.840%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	412995	150.498	ug/l	99
3) Chloromethane	2.146	50	681117	156.336	ug/l	99
4) Vinyl Chloride	2.287	62	699391	164.622	ug/l	98
5) Bromomethane	2.675	94	351411	157.849	ug/l	98
6) Chloroethane	2.834	64	441229	154.256	ug/l	98
7) Trichlorofluoromethane	3.169	101	954255	160.391	ug/l	97
8) Diethyl Ether	3.593	74	322075	150.598	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.964	101	565264	157.380	ug/l	95
10) Methyl Iodide	4.164	142	694839	146.686	ug/l #	90
11) Tert butyl alcohol	5.052	59	253328	664.539	ug/l	99
12) 1,1-Dichloroethene	3.940	96	540725	159.021	ug/l #	63
13) Acrolein	3.799	56	351110	698.447	ug/l	99
14) Allyl chloride	4.558	41	1299156	158.376	ug/l #	82
15) Acrylonitrile	5.252	53	851626	736.637	ug/l	98
16) Acetone	4.022	43	908739	713.617	ug/l #	75
17) Carbon Disulfide	4.269	76	1621875	146.771	ug/l	99
18) Methyl Acetate	4.558	43	714482	153.817	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	1578145	147.858	ug/l	93
20) Methylene Chloride	4.799	84	676775	146.012	ug/l #	59
21) trans-1,2-Dichloroethene	5.311	96	620131	156.594	ug/l #	65
22) Diisopropyl ether	6.216	45	2635636	151.176	ug/l #	89
23) Vinyl Acetate	6.152	43	5652364m	745.392	ug/l	
24) 1,1-Dichloroethane	6.110	63	1370848	151.537	ug/l	94
25) 2-Butanone	7.081	43	1207854	711.107	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	1173805	146.416	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	748141	152.489	ug/l	70
28) Bromochloromethane	7.428	49	611411	144.908	ug/l #	55
29) Tetrahydrofuran	7.440	42	748356	742.864	ug/l #	69
30) Chloroform	7.593	83	1258042	148.941	ug/l	96
31) Cyclohexane	7.875	56	1190722	158.278	ug/l #	74
32) 1,1,1-Trichloroethane	7.793	97	1068478	153.533	ug/l	95
36) 1,1-Dichloropropene	8.004	75	984057	161.369	ug/l	92
37) Ethyl Acetate	7.169	43	527237	150.654	ug/l #	87
38) Carbon Tetrachloride	7.993	117	902199	157.000	ug/l	97
39) Methylcyclohexane	9.275	83	1168373	167.919	ug/l #	80
40) Benzene	8.252	78	2709230	155.801	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	327815	146.392	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	834333	151.488	ug/l	89
43) Isopropyl Acetate	8.363	43	1081750	149.785	ug/l #	80
44) Trichloroethene	9.028	130	669437	157.163	ug/l	85
45) 1,2-Dichloropropane	9.304	63	783566	153.057	ug/l	99
46) Dibromomethane	9.393	93	367127	149.015	ug/l	89
47) Bromodichloromethane	9.587	83	981333	150.698	ug/l	99
48) Methyl methacrylate	9.381	41	531150	154.074	ug/l #	63
49) 1,4-Dioxane	9.387	88	76715	2897.834	ug/l #	59
51) 4-Methyl-2-Pentanone	10.157	43	2616842	736.148	ug/l #	81
52) Toluene	10.334	92	1639015	154.613	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	1037444	150.455	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	1209170	152.385	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	485438	147.685	ug/l	93
56) Ethyl methacrylate	10.598	69	728490	149.062	ug/l #	59
57) 1,3-Dichloropropane	10.881	76	920774	149.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	1927764	787.913	ug/l #	84
59) 2-Hexanone	10.922	43	1894123	723.310	ug/l	77
60) Dibromochloromethane	11.075	129	586424	148.369	ug/l	96
61) 1,2-Dibromoethane	11.181	107	468547	150.524	ug/l	98
64) Tetrachloroethene	10.810	164	527745	157.545	ug/l	93
65) Chlorobenzene	11.610	112	1677517	152.185	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	630209	151.295	ug/l	96
67) Ethyl Benzene	11.687	91	3259580	153.688	ug/l	95
68) m/p-Xylenes	11.793	106	2351612	307.049	ug/l	80
69) o-Xylene	12.122	106	1122425	153.003	ug/l	79
70) Styrene	12.134	104	1906847	150.673	ug/l #	89
71) Bromoform	12.298	173	333975	144.621	ug/l #	98
73) Isopropylbenzene	12.422	105	2967490	151.227	ug/l	95
74) N-amyl acetate	12.234	43	1038627	149.433	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	560474	145.710	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	427399m	132.897	ug/l	
77) Bromobenzene	12.704	156	647397	149.887	ug/l	70
78) n-propylbenzene	12.763	91	3759476	150.887	ug/l	93
79) 2-Chlorotoluene	12.851	91	2121769	150.401	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	2454593	149.078	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	217809	143.627	ug/l #	84
82) 4-Chlorotoluene	12.945	91	2200460	149.744	ug/l	87
83) tert-Butylbenzene	13.169	119	2087385	150.787	ug/l	87
84) 1,2,4-Trimethylbenzene	13.210	105	2444142	149.435	ug/l	93
85) sec-Butylbenzene	13.345	105	3199906	151.075	ug/l	94
86) p-Isopropyltoluene	13.463	119	2614542	151.863	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	1259564	148.356	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	1242566	146.484	ug/l	96
89) n-Butylbenzene	13.787	91	2708347	151.352	ug/l	96
90) Hexachloroethane	14.057	117	534764	151.789	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	1091957	146.348	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	90779	140.090	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	782030	152.566	ug/l	97
94) Hexachlorobutadiene	15.204	225	434355	157.095	ug/l	99
95) Naphthalene	15.334	128	1470250	150.358	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	671452	151.756	ug/l	99

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ClientSampleId :
VSTDICC150

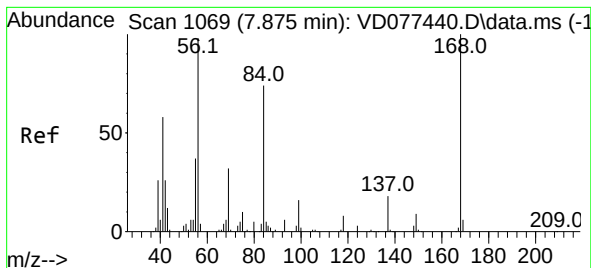
Manual Integrations
APPROVED

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

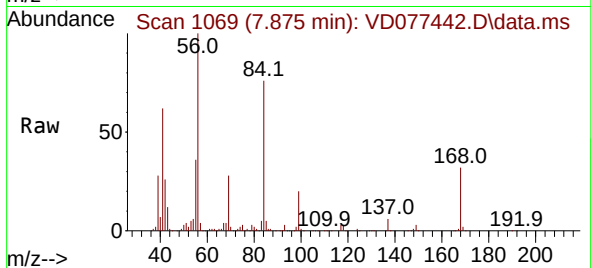
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077442.D
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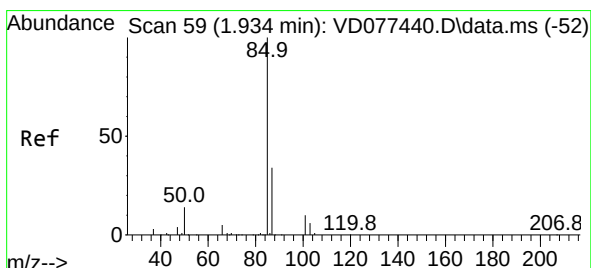
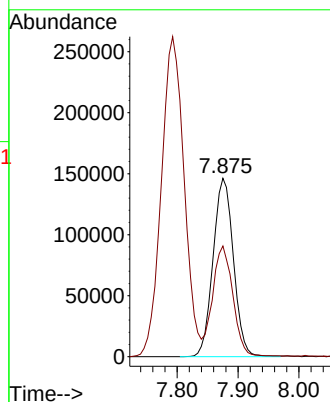
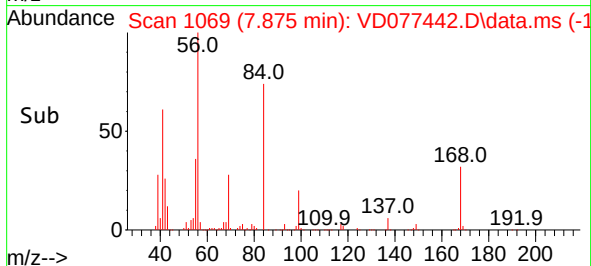
Instrument :
MSVOA_D
Client Sample Id :
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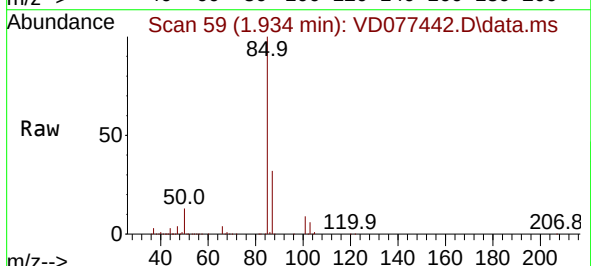
Tgt Ion: 168 Resp: 340330
Ion Ratio Lower Upper
168 100
99 61.5 36.7 55.1

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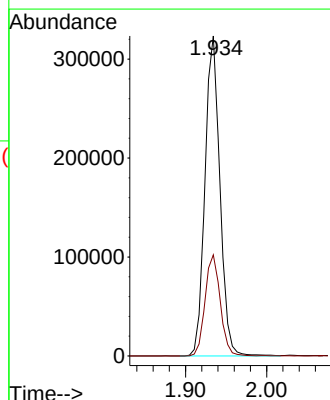
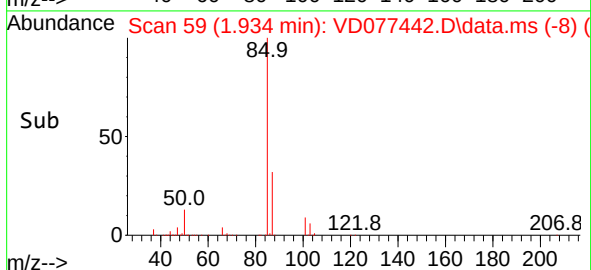
Reviewed By : John Carlone 10/31/2023
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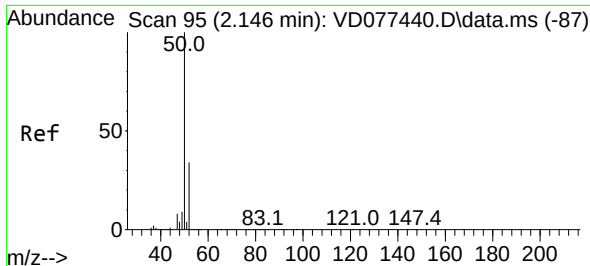


#2
Dichlorodifluoromethane
Concen: 150.498 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



Tgt Ion: 85 Resp: 412995
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0





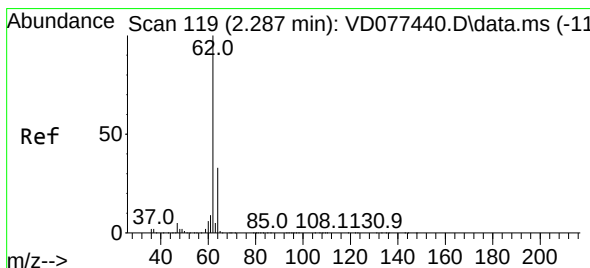
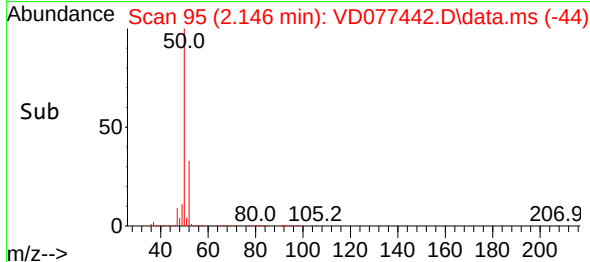
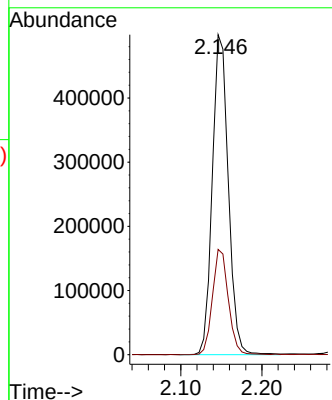
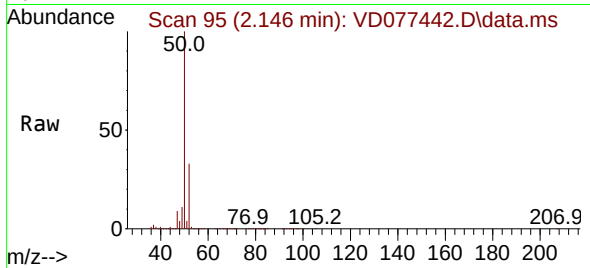
#3
Chloromethane
Concen: 156.336 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Instrument :
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VSTDIC150

Tgt Ion: 50 Resp: 68111
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

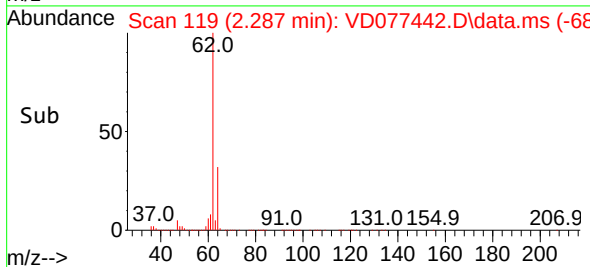
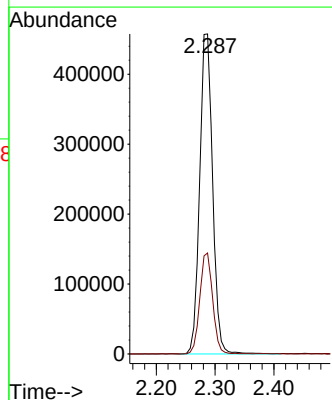
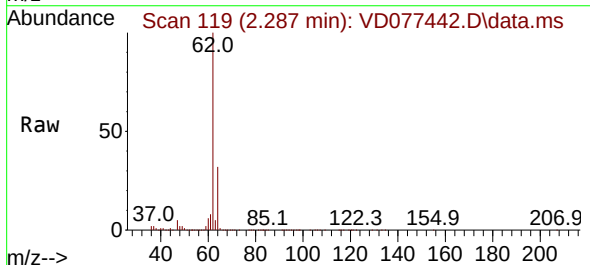
Manual Integrations
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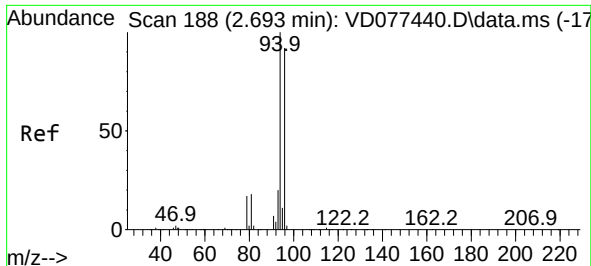
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#4
Vinyl Chloride
Concen: 164.622 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

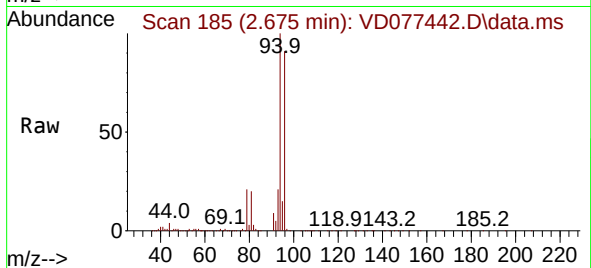
Tgt Ion: 62 Resp: 699391
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





#5
Bromomethane
Concen: 157.849 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

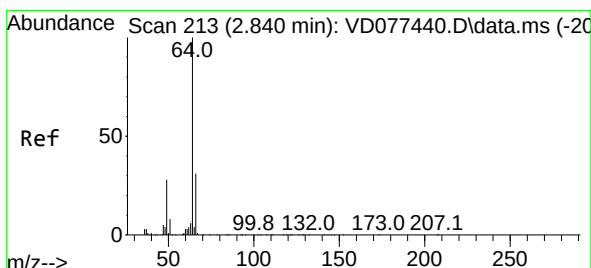
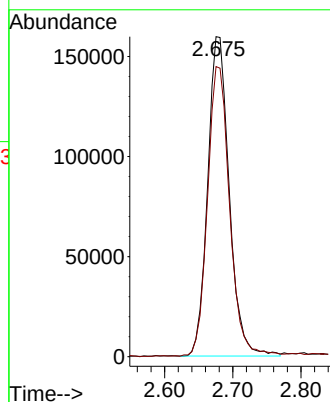
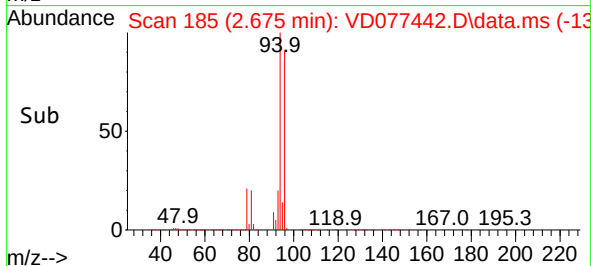
Instrument :
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Tgt Ion: 94 Resp: 35141
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8

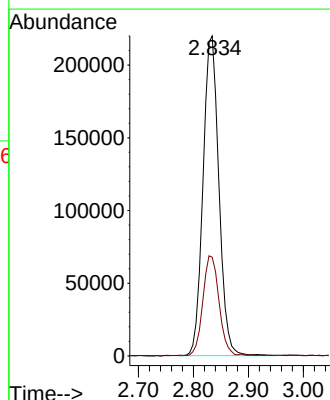
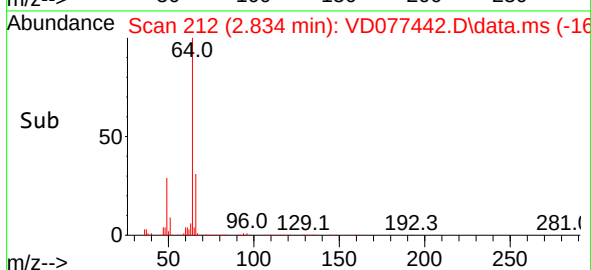
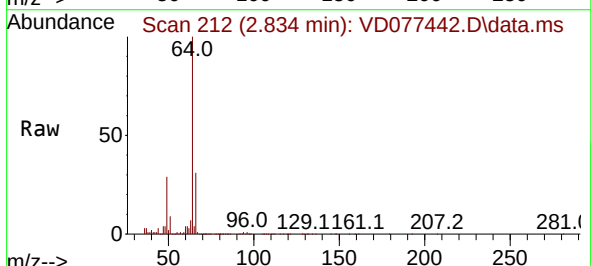
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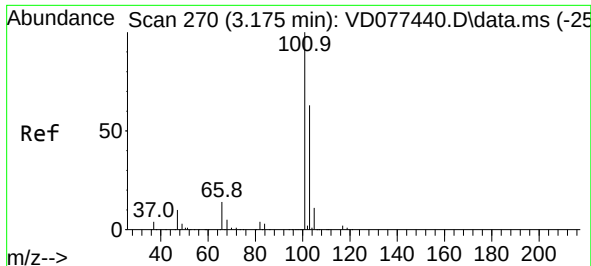
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#6
Chloroethane
Concen: 154.256 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Tgt Ion: 64 Resp: 441229
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 160.391 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

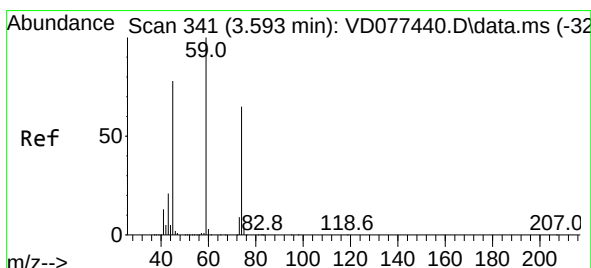
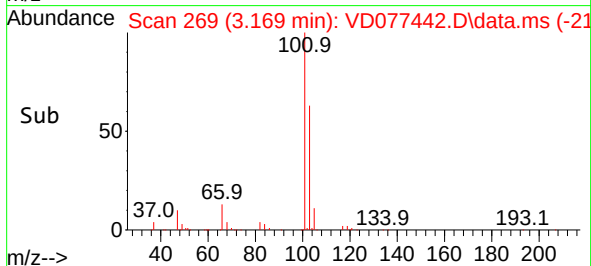
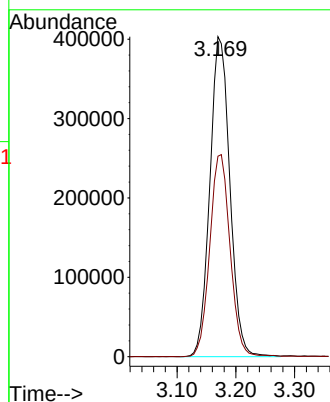
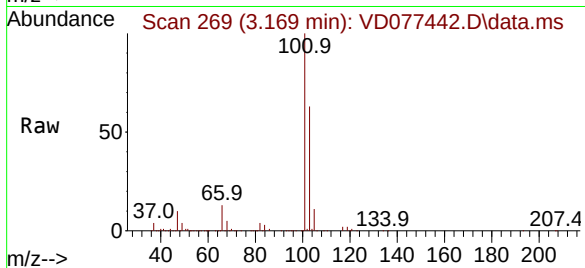
VSTDICC150

Tgt Ion:101 Resp: 95425
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.3 78.5

Manual Integrations

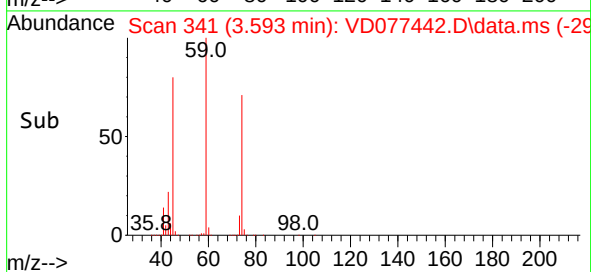
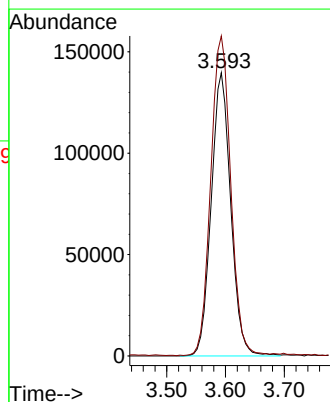
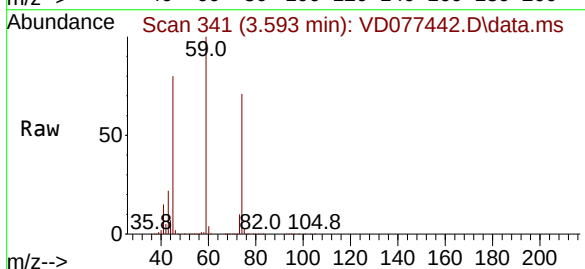
APPROVED

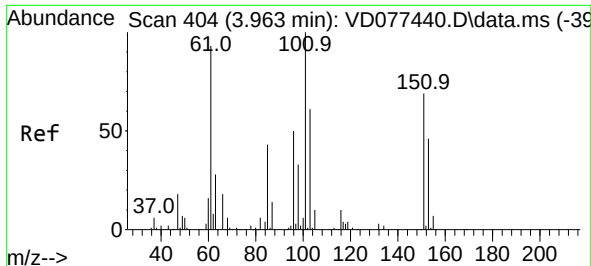
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#8
 Diethyl Ether
 Concen: 150.598 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

Tgt Ion: 74 Resp: 322075
 Ion Ratio Lower Upper
 74 100
 45 115.6 37.5 112.7#





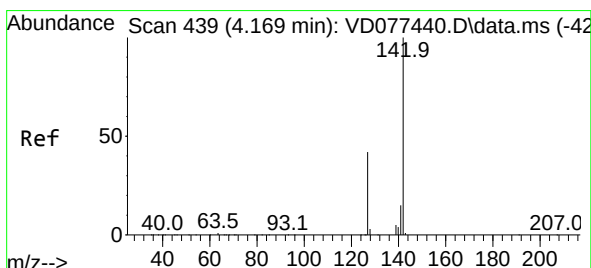
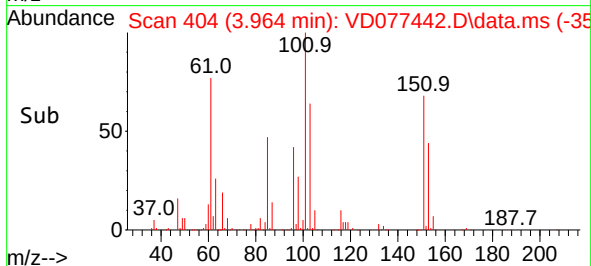
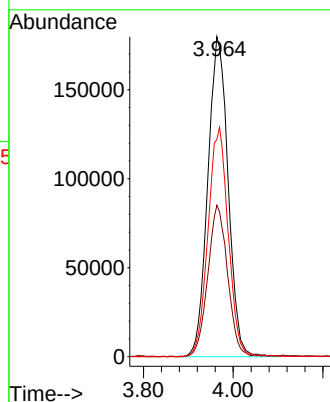
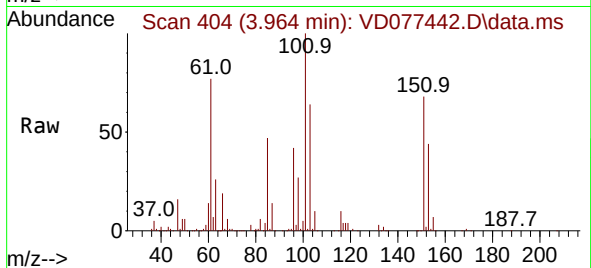
#9
1,1,2-Trichlorotrifluoroethane
Concen: 157.380 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 565264
Ion Ratio Lower Upper
101 100
85 46.2 33.8 50.6
151 70.9 59.8 89.6

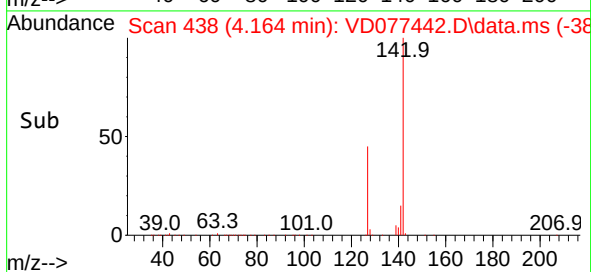
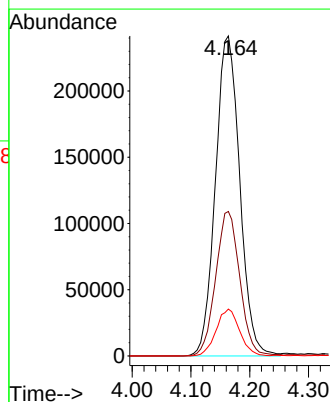
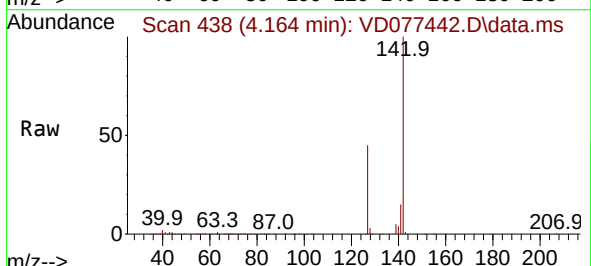
Manual Integrations
APPROVED

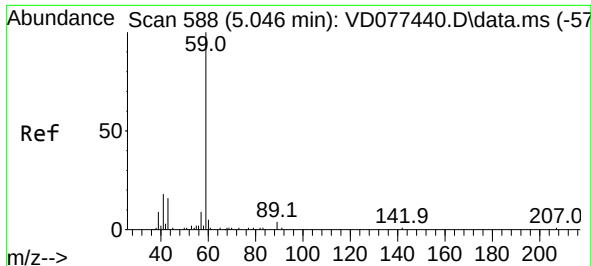
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 146.686 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

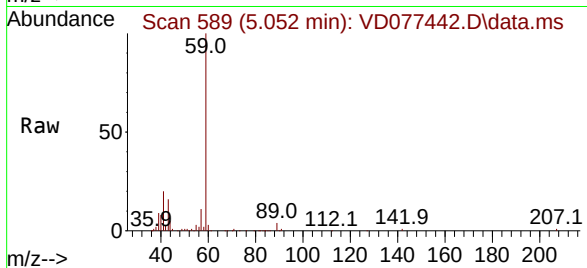
Tgt Ion:142 Resp: 694839
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 664.539 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

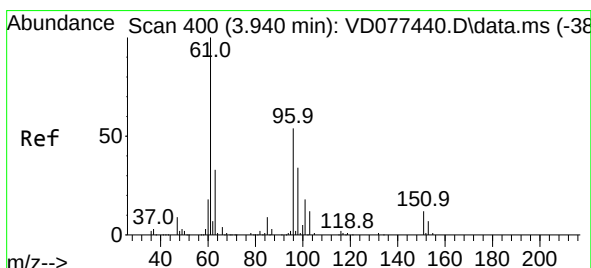
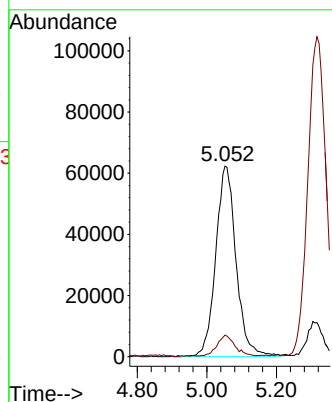
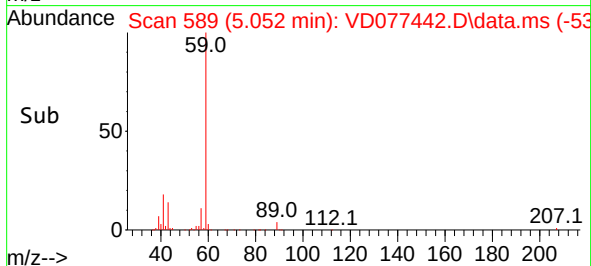
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



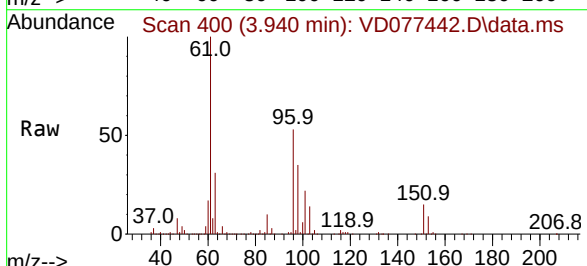
Tgt Ion: 59 Resp: 253328
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.8

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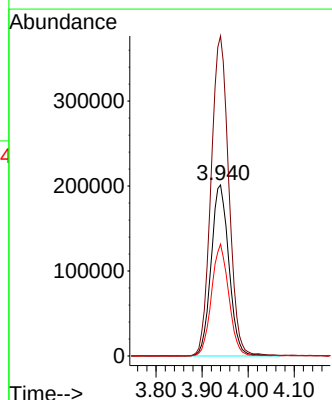
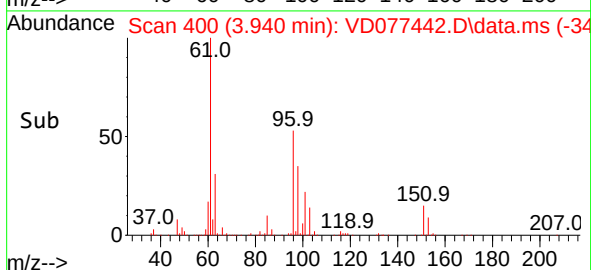
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

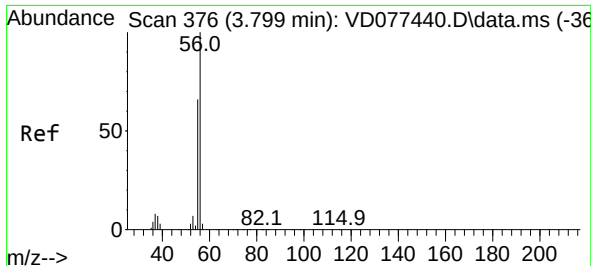


#12
1,1-Dichloroethene
Concen: 159.021 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



Tgt Ion: 96 Resp: 540725
Ion Ratio Lower Upper
96 100
61 187.0 100.6 150.8#
98 65.4 50.2 75.2





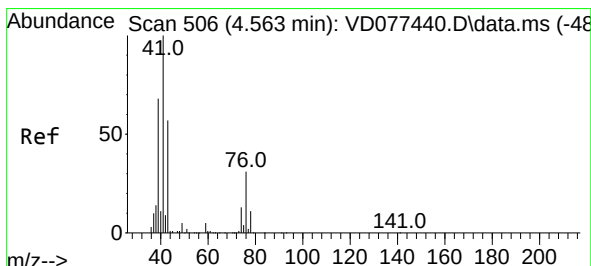
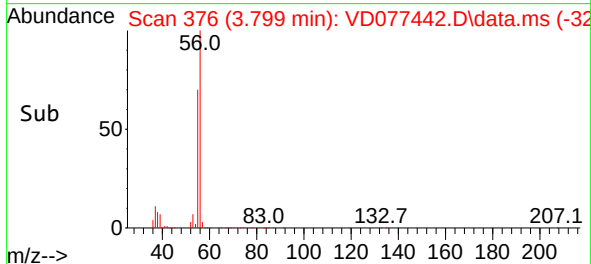
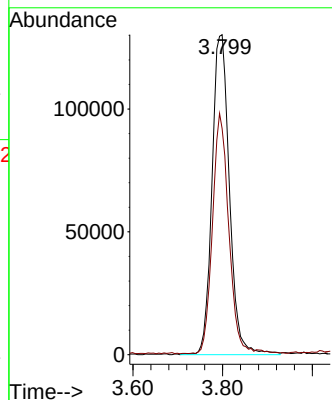
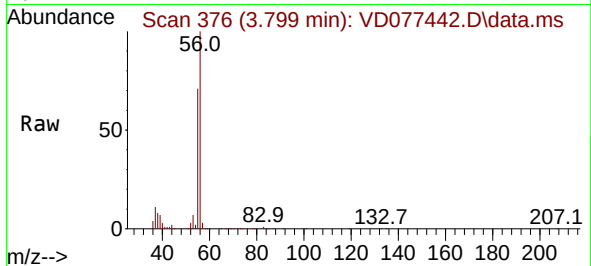
#13
Acrolein
Concen: 698.447 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 351110
Ion Ratio Lower Upper
56 100
55 69.5 55.1 82.7

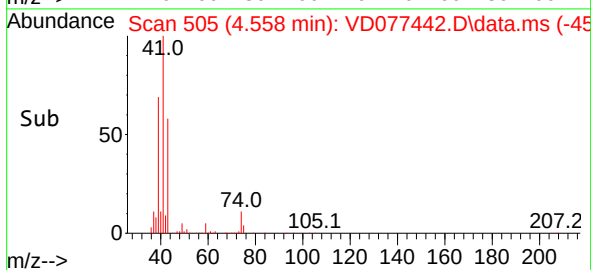
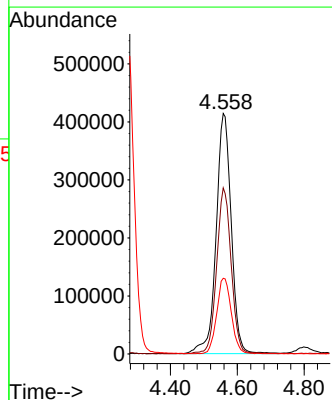
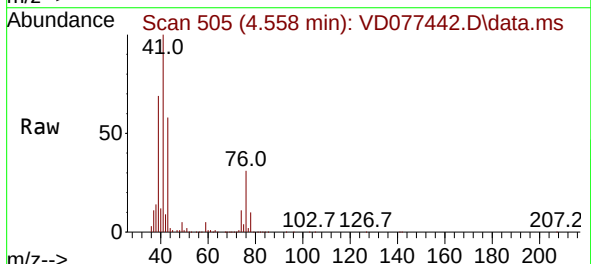
Manual Integrations
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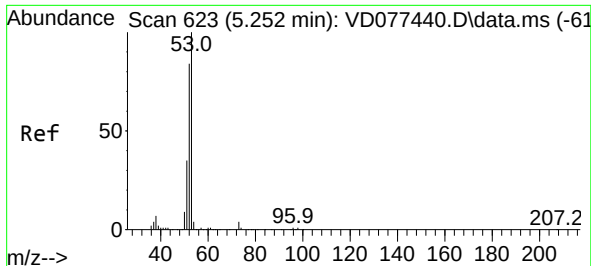
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 158.376 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

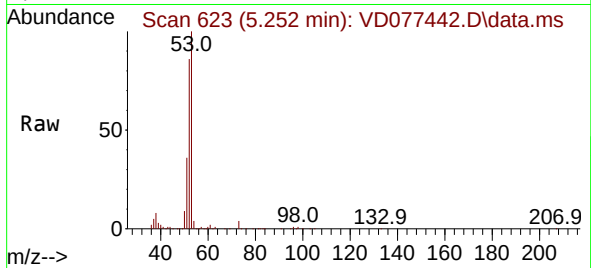
Tgt Ion: 41 Resp: 1299156
Ion Ratio Lower Upper
41 100
39 66.3 53.8 80.6
76 30.1 45.8 68.8#





#15
Acrylonitrile
Concen: 736.637 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

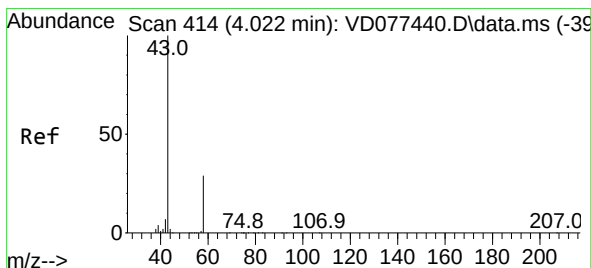
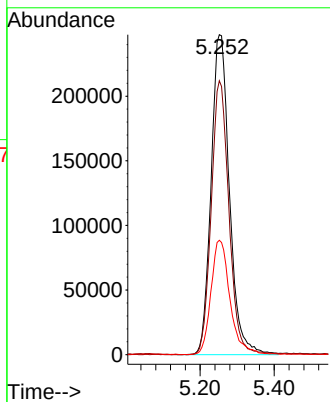
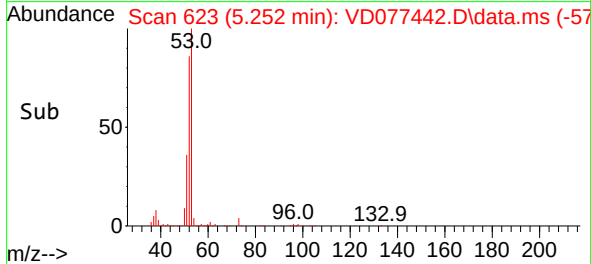
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 851620
Ion Ratio Lower Upper
53 100
52 82.7 65.0 97.4
51 37.2 28.3 42.5

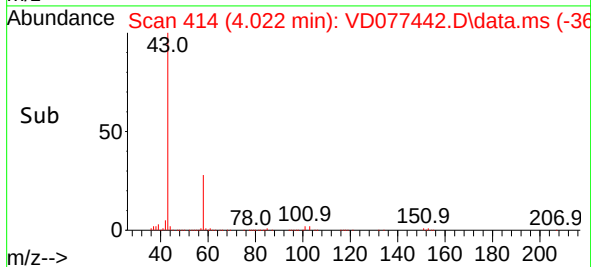
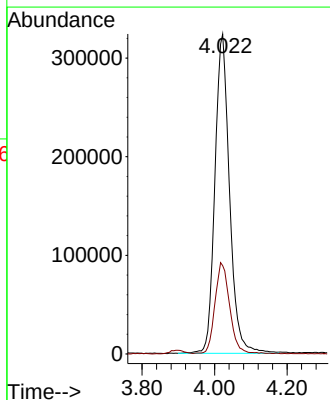
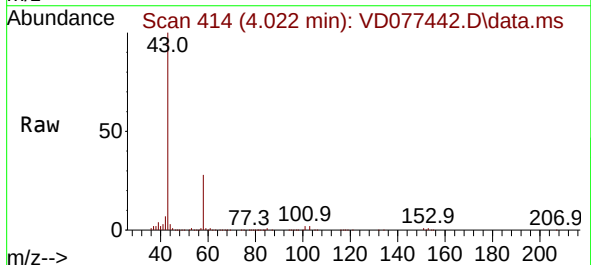
Manual Integrations
APPROVED

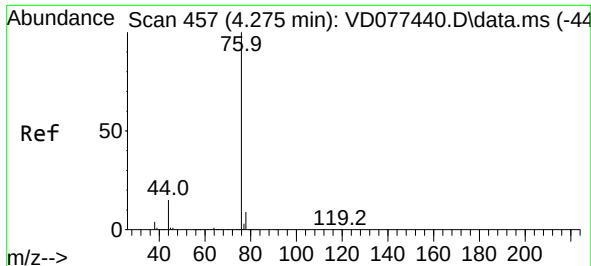
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 713.617 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

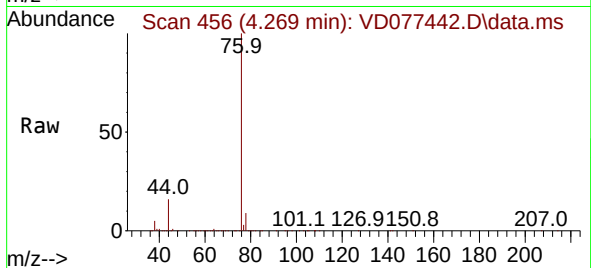
Tgt Ion: 43 Resp: 908739
Ion Ratio Lower Upper
43 100
58 27.5 34.7 52.1#





#17
Carbon Disulfide
Concen: 146.771 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

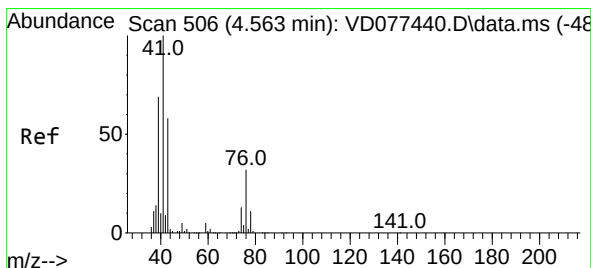
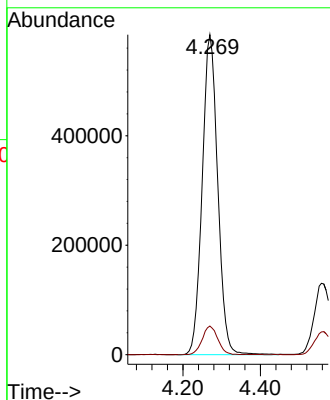
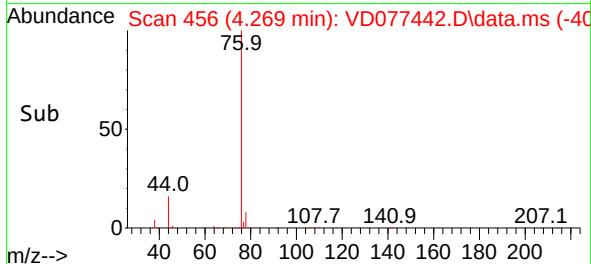
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 162187
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

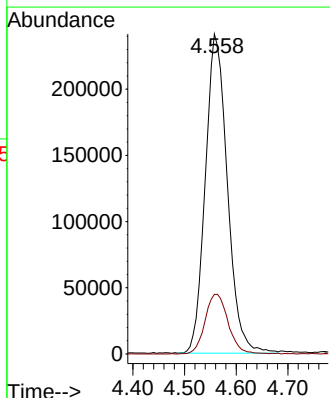
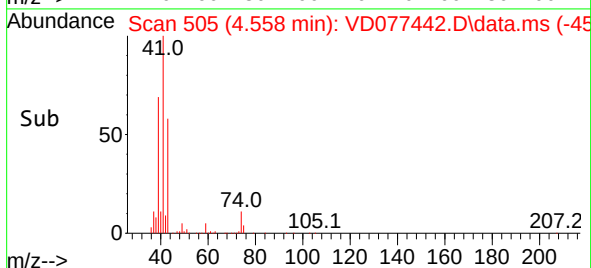
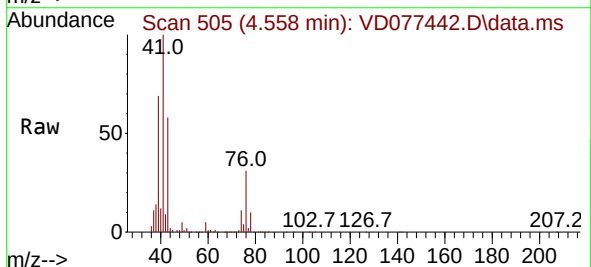
Manual Integrations
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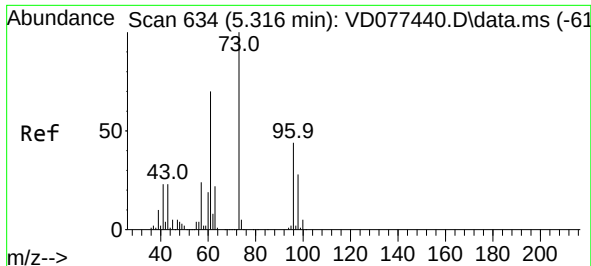
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 153.817 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Tgt Ion: 43 Resp: 714482
Ion Ratio Lower Upper
43 100
74 19.6 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 147.858 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 73 Resp: 157814

Ion Ratio Lower Upper

73 100

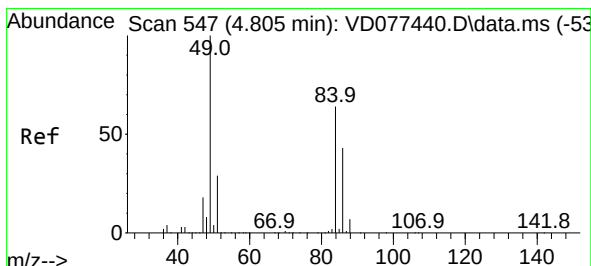
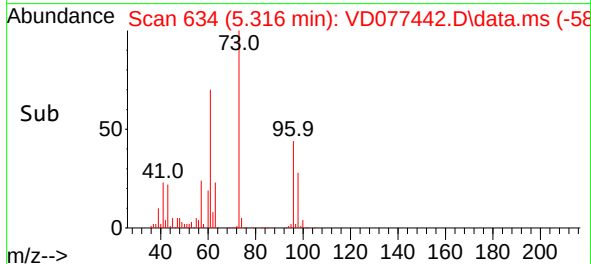
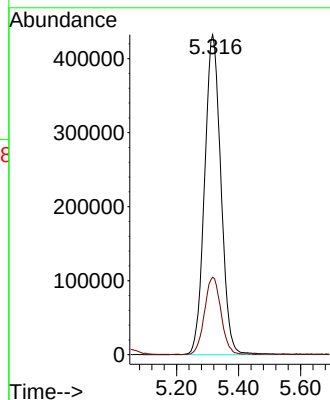
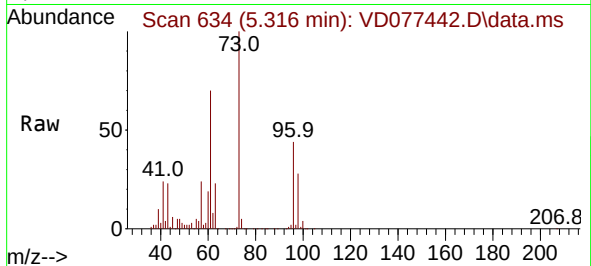
57 24.1 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#20

Methylene Chloride

Concen: 146.012 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Tgt Ion: 84 Resp: 676775

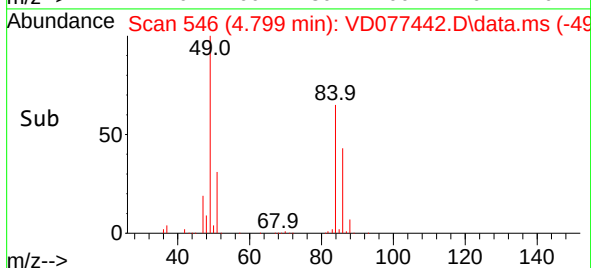
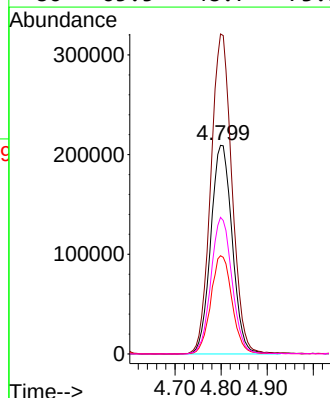
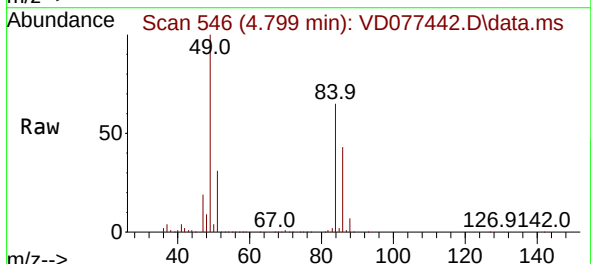
Ion Ratio Lower Upper

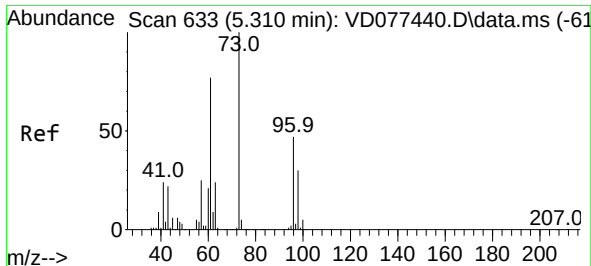
84 100

49 153.2 71.4 107.2#

51 47.0 24.5 36.7#

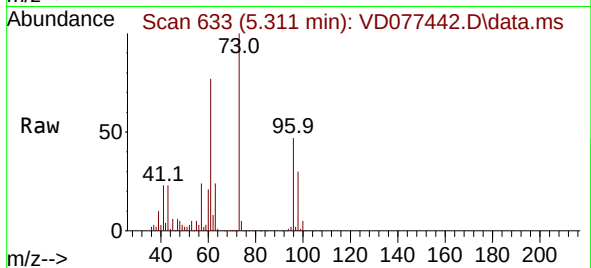
86 65.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 156.594 ug/l
RT: 5.311 min Scan# 613
Delta R.T. 0.001 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

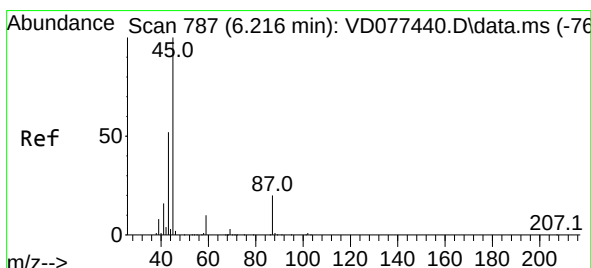
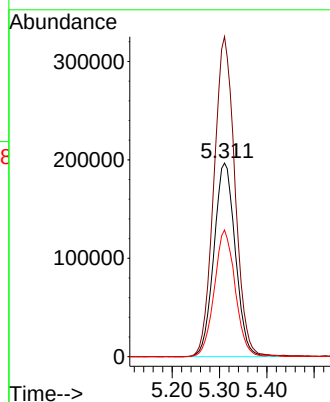
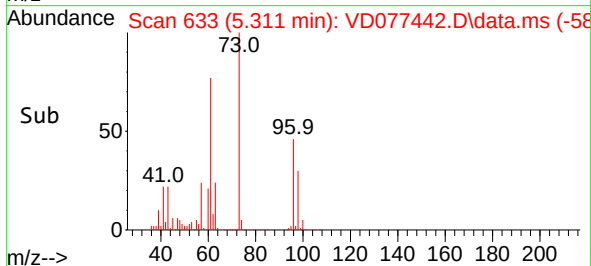
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



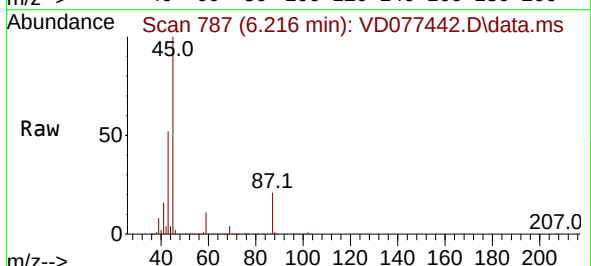
Tgt Ion: 96 Resp: 62013
Ion Ratio Lower Upper
96 100
61 165.2 89.3 133.9#
98 65.4 48.6 73.0

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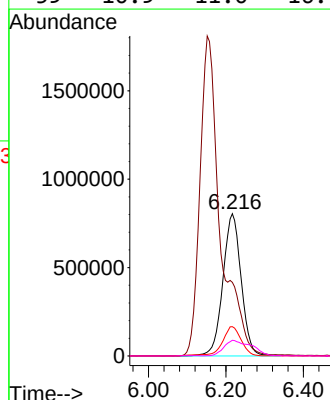
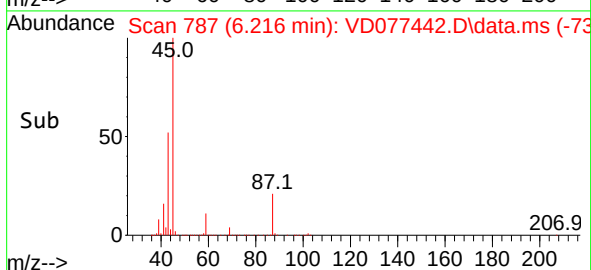
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

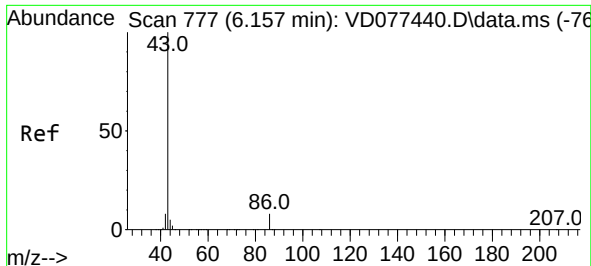


#22
Diisopropyl ether
Concen: 151.176 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



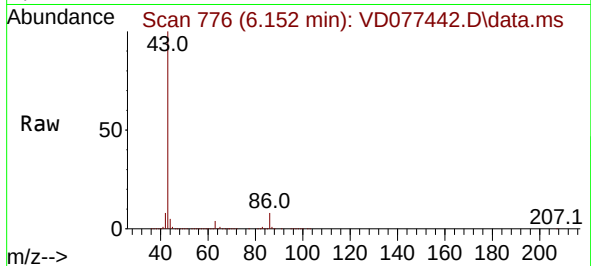
Tgt Ion: 45 Resp: 2635636
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 20.5 28.2 42.4#
59 10.9 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 745.392 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

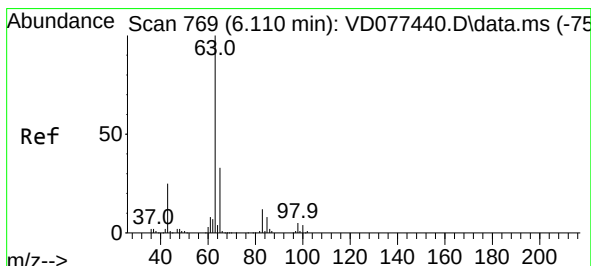
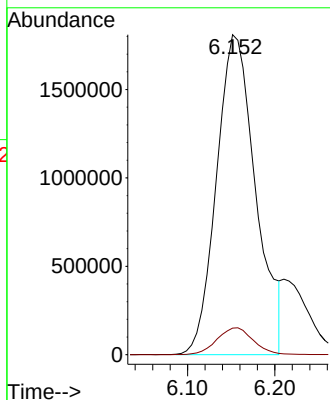
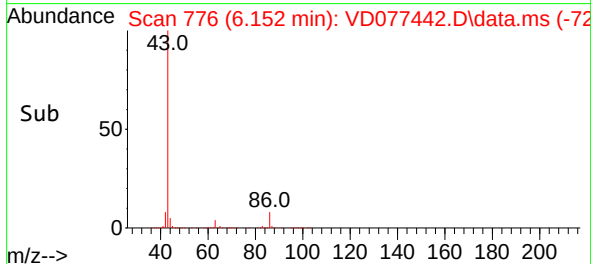
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



Tgt Ion: 43 Resp: 5652364
 Ion Ratio Lower Upper
 43 100
 86 8.3 12.5 18.7

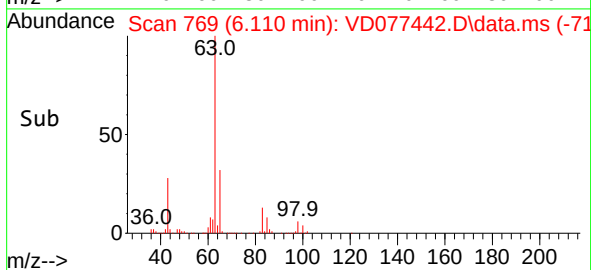
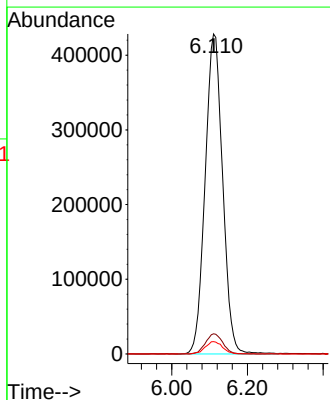
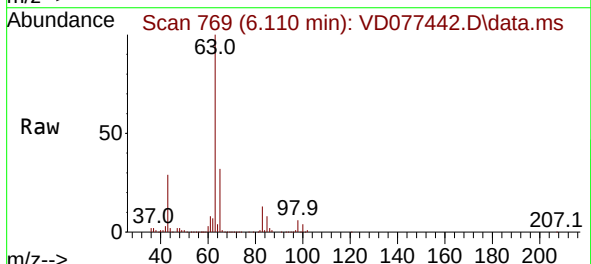
Manual Integrations
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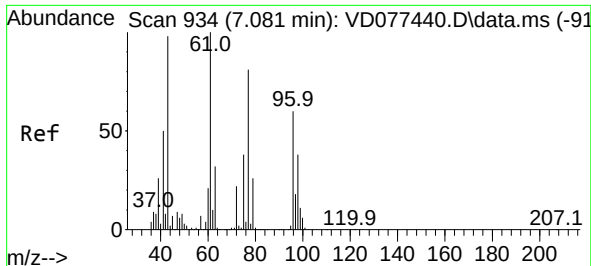
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 151.537 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

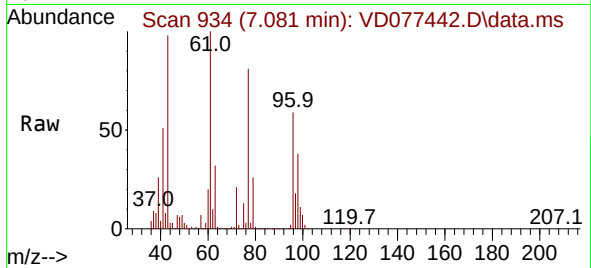
Tgt Ion: 63 Resp: 1370848
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 3.8 2.5 7.5





#25
2-Butanone
Concen: 711.107 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

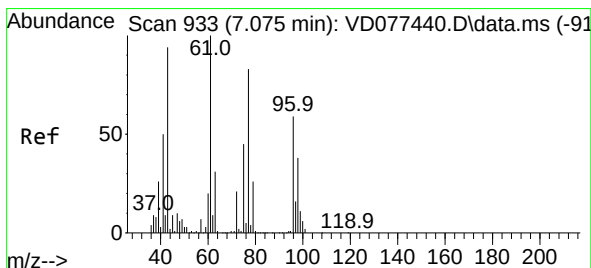
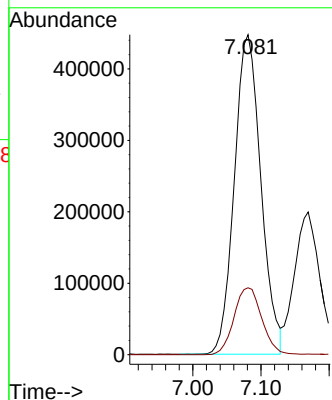
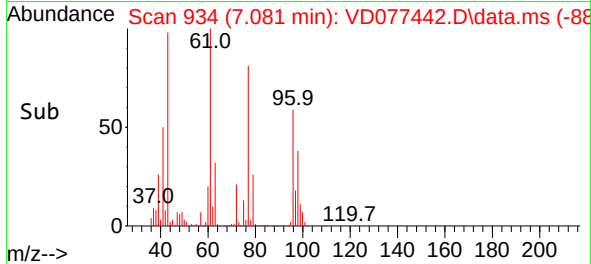
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



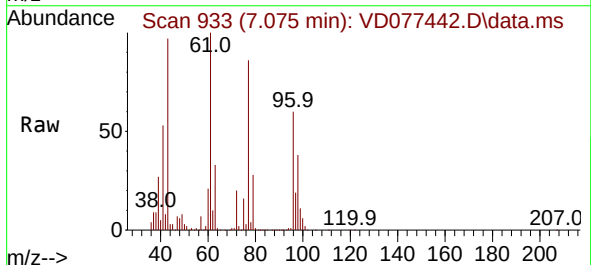
Tgt Ion: 43 Resp: 1207854
Ion Ratio Lower Upper
43 100
72 20.9 30.7 46.1

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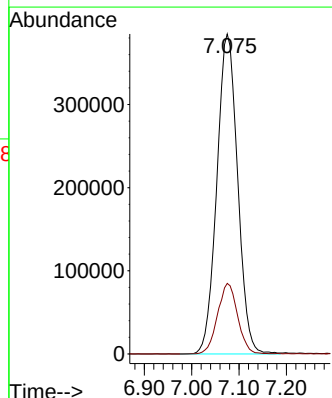
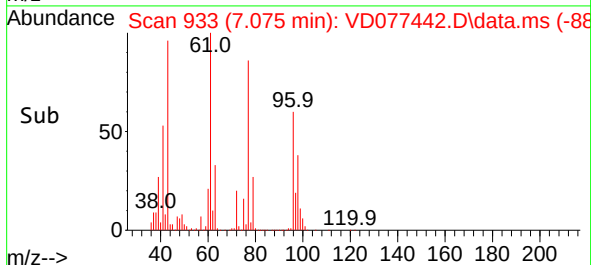
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

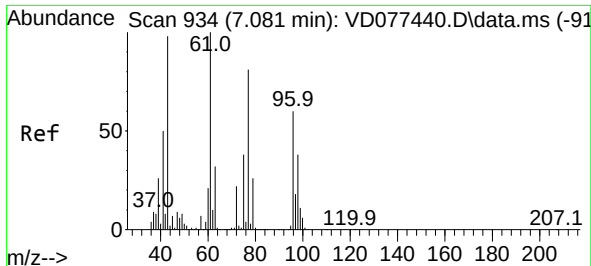


#26
2,2-Dichloropropane
Concen: 146.416 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



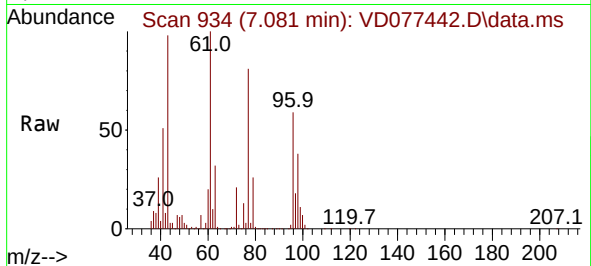
Tgt Ion: 77 Resp: 1173805
Ion Ratio Lower Upper
77 100
97 21.3 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 152.489 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

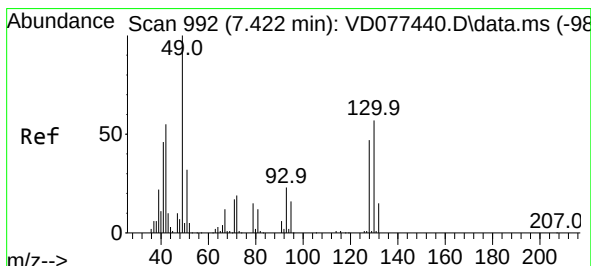
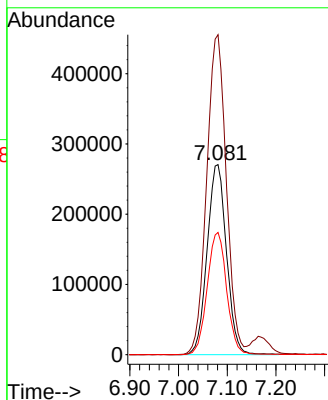
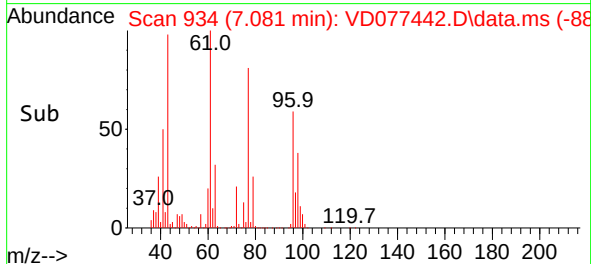
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 74814
 Ion Ratio Lower Upper
 96 100
 61 170.1 0.0 239.2
 98 64.6 0.0 128.6

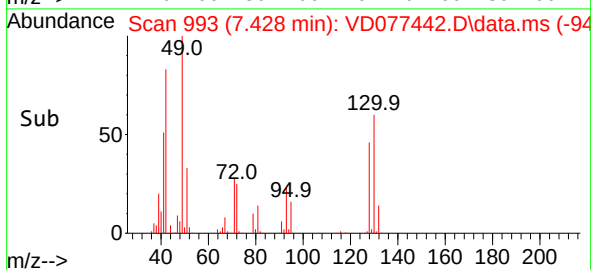
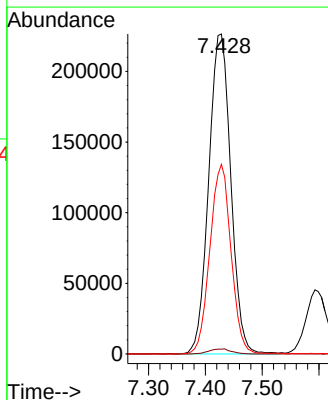
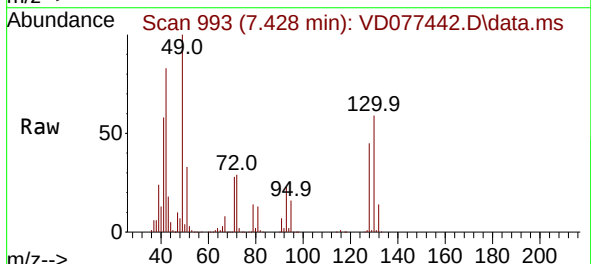
Manual Integrations
 APPROVED

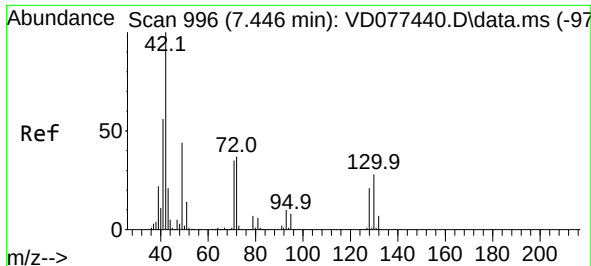
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 144.908 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

Tgt Ion: 49 Resp: 611411
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 56.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 742.864 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.006 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

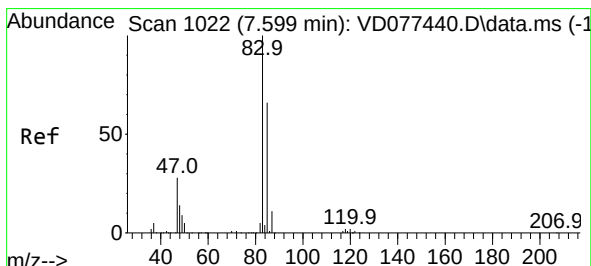
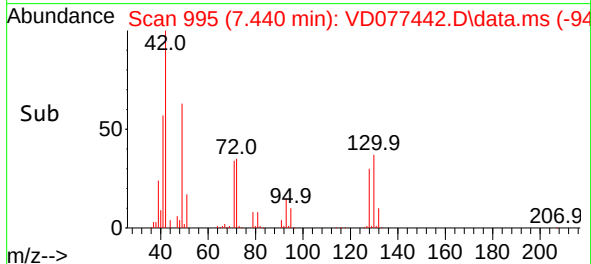
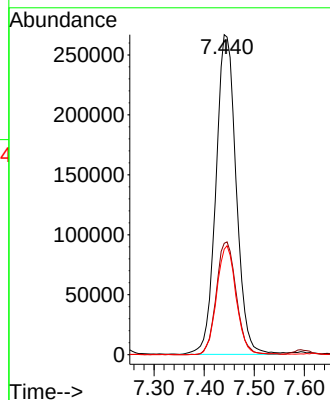
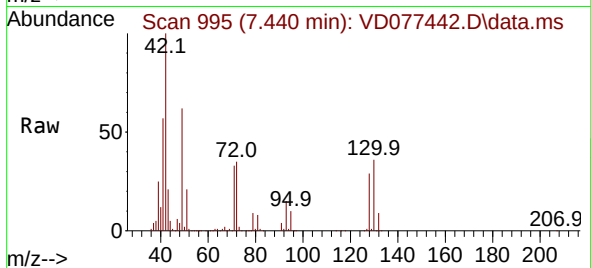
Tgt Ion: 42 Resp: 748350
 Ion Ratio Lower Upper
 42 100
 72 35.0 46.5 69.7
 71 33.0 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 148.941 ug/l

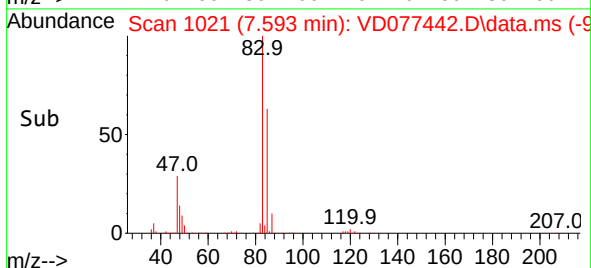
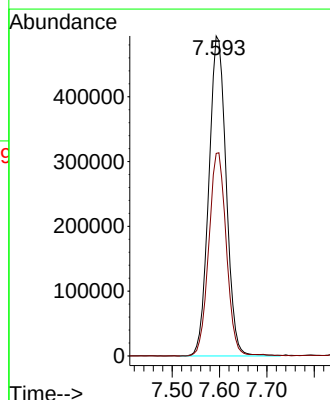
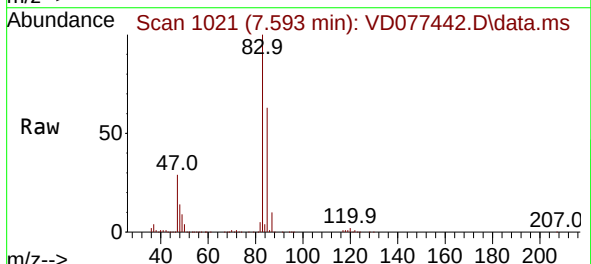
RT: 7.593 min Scan# 1021

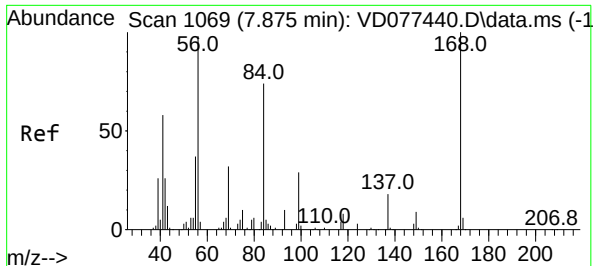
Delta R.T. -0.006 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

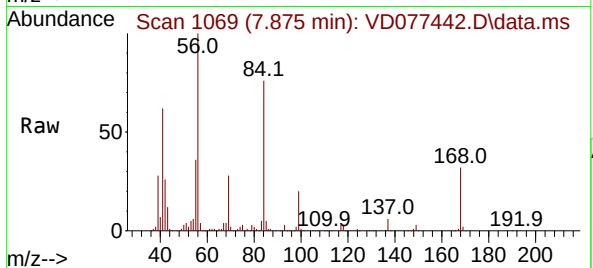
Tgt Ion: 83 Resp: 1258042
 Ion Ratio Lower Upper
 83 100
 85 63.3 53.4 80.2





#31
Cyclohexane
Concen: 158.278 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

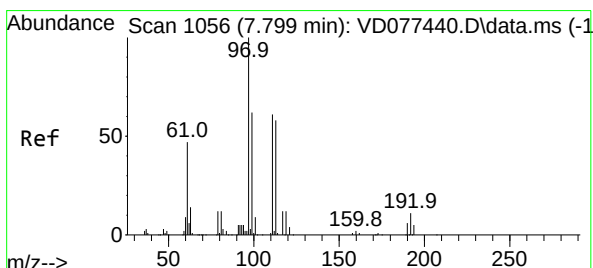
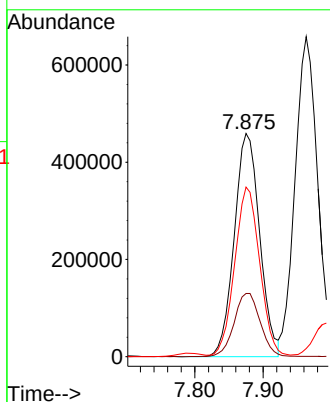
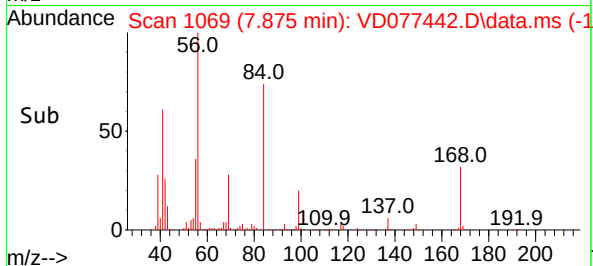
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 119072
Ion Ratio Lower Upper
56 100
69 28.2 28.6 43.0
84 75.0 84.8 127.2

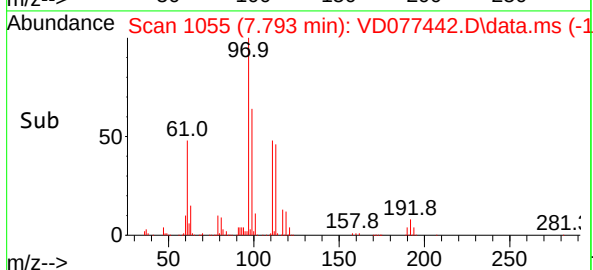
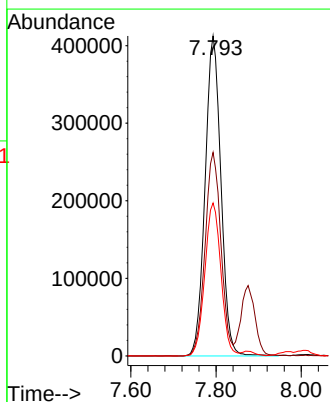
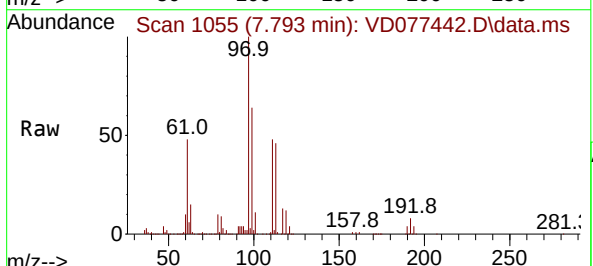
Manual Integrations
APPROVED

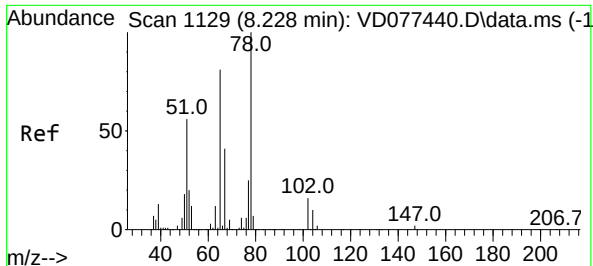
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#32
1,1,1-Trichloroethane
Concen: 153.533 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Tgt Ion: 97 Resp: 1068478
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 48.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 147.130 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 708054

Ion Ratio Lower Upper

65 100

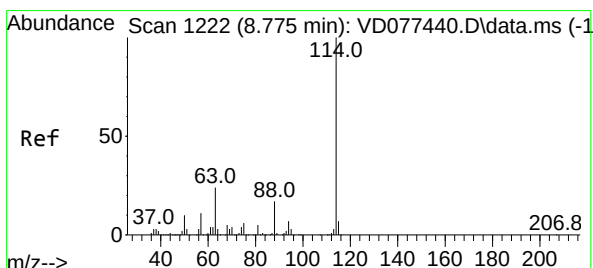
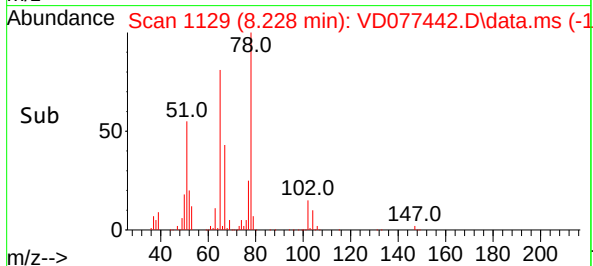
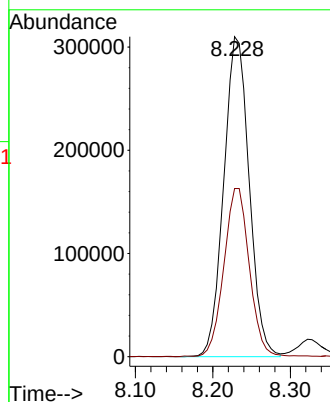
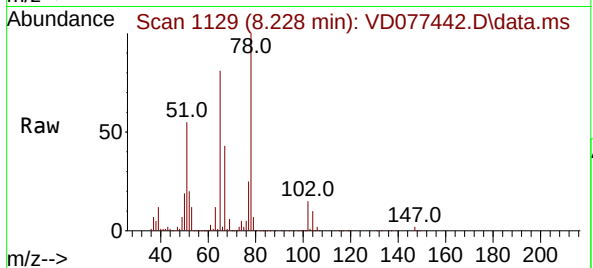
67 52.4 0.0 115.0

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: VD077442.D

Acq: 30 Oct 2023 12:02

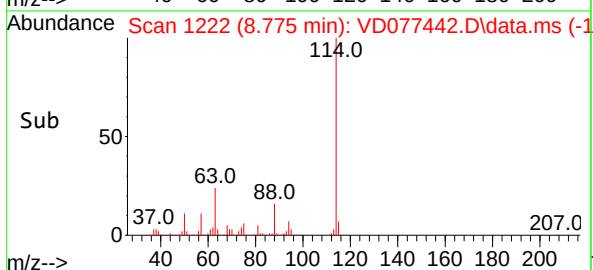
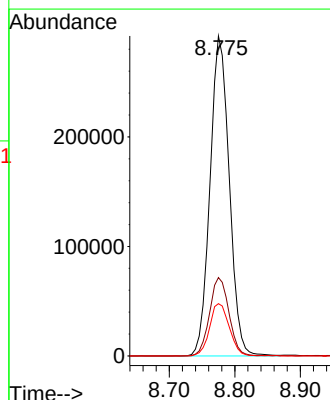
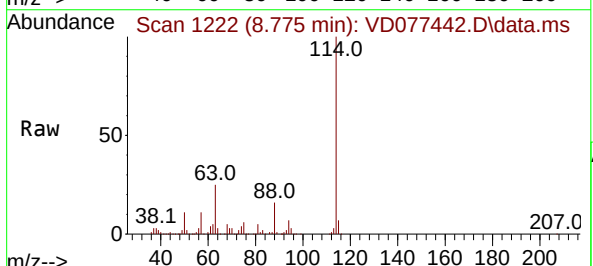
Tgt Ion:114 Resp: 595085

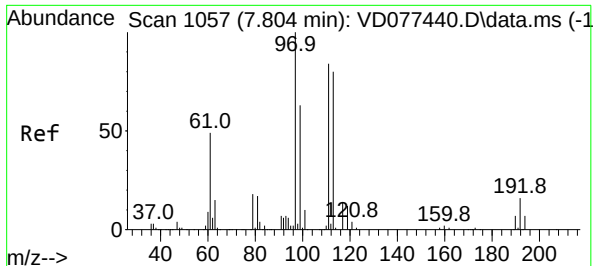
Ion Ratio Lower Upper

114 100

63 24.5 0.0 33.4

88 16.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 151.797 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 62434

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

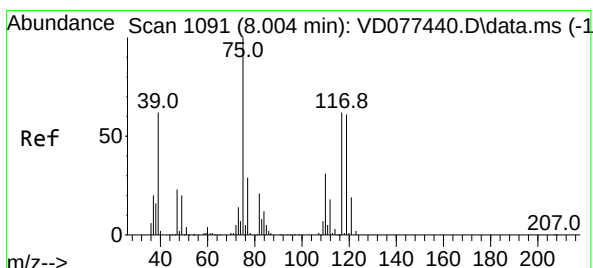
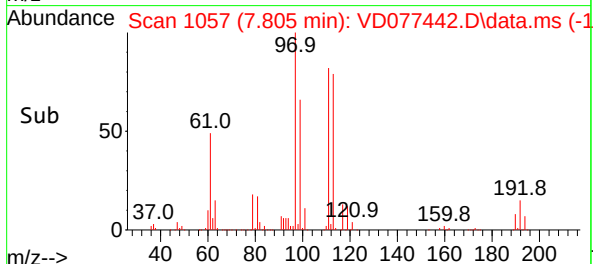
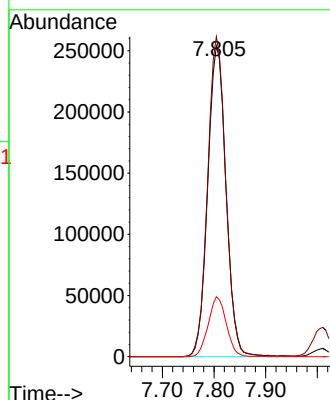
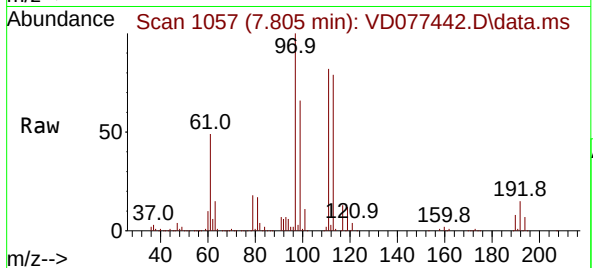
192 19.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 161.369 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

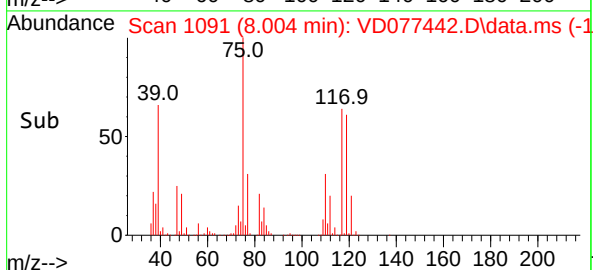
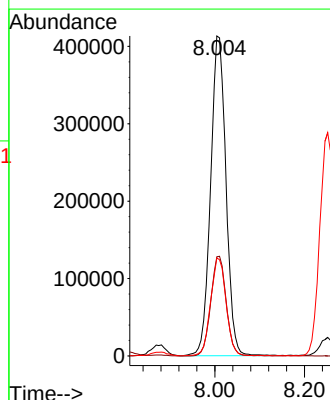
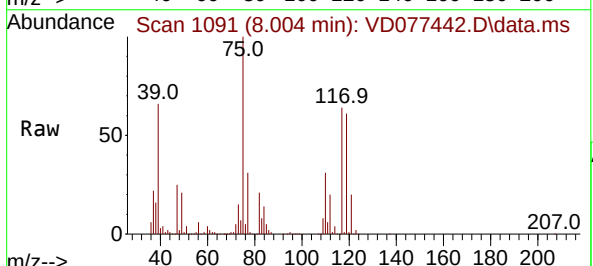
Tgt Ion: 75 Resp: 984057

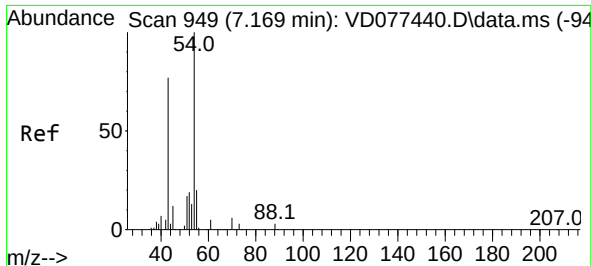
Ion Ratio Lower Upper

75 100

110 31.2 19.9 59.6

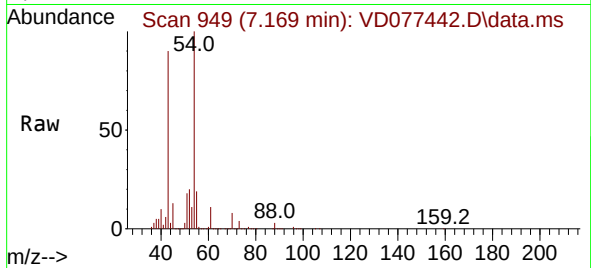
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 150.654 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

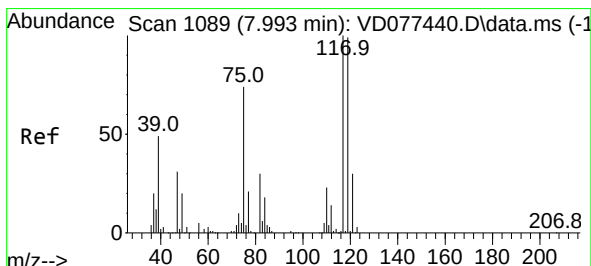
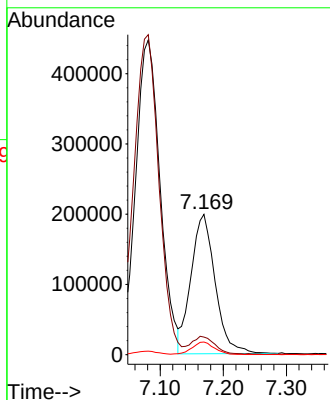
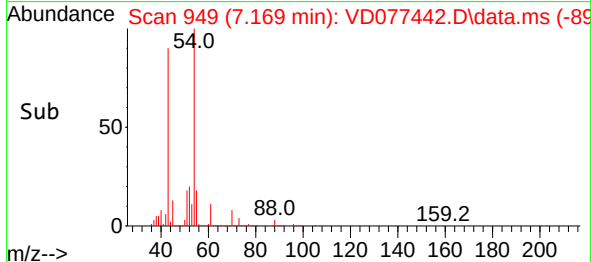
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 52723
Ion Ratio Lower Upper
43 100
61 11.9 14.9 22.3
70 8.5 10.0 15.0

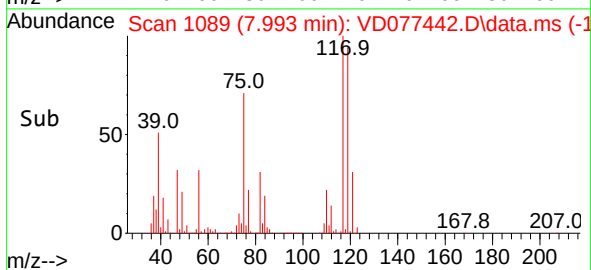
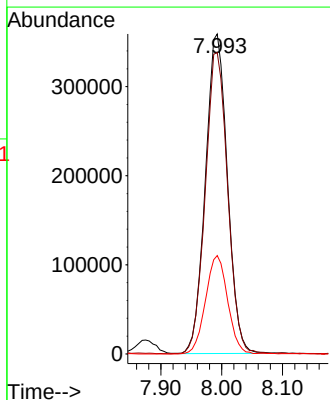
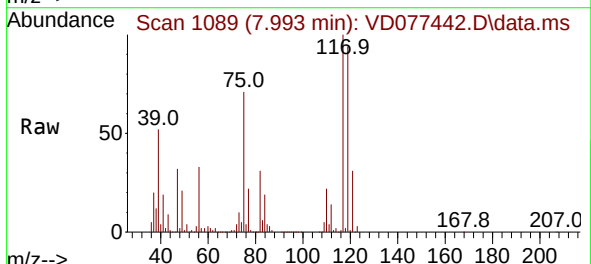
Manual Integrations
APPROVED

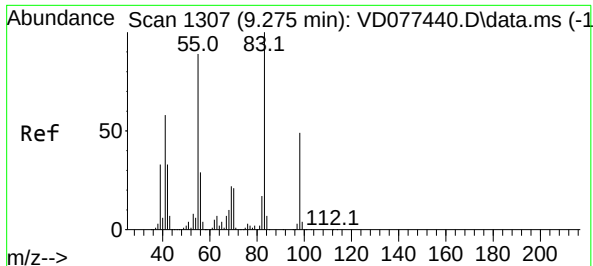
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 157.000 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Tgt Ion:117 Resp: 902199
Ion Ratio Lower Upper
117 100
119 94.2 78.0 117.0
121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 167.919 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 116837

Ion Ratio Lower Upper

83 100

55 88.5 49.4 74.0

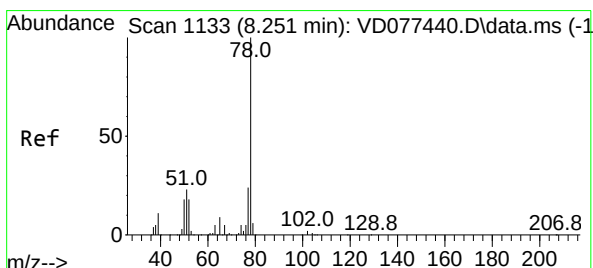
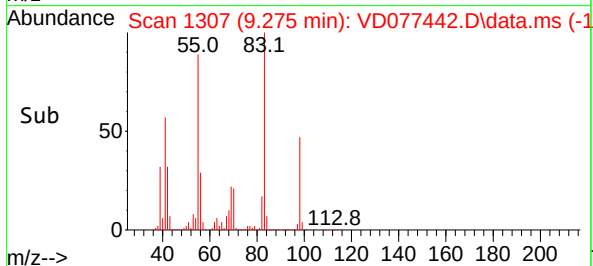
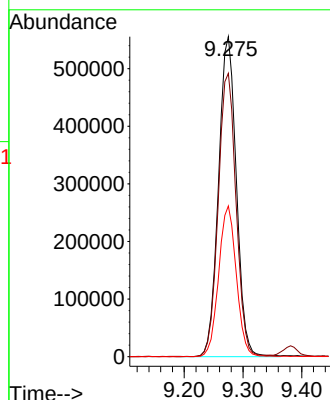
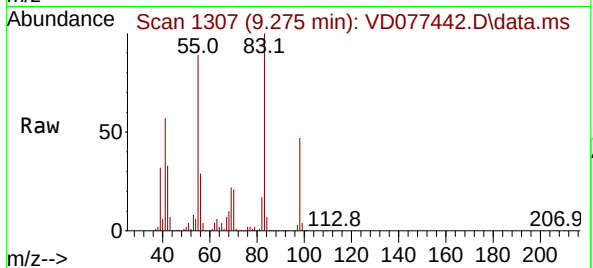
98 47.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 155.801 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077442.D

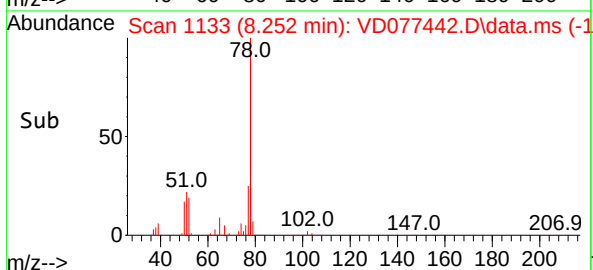
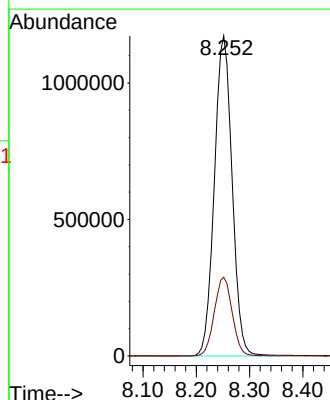
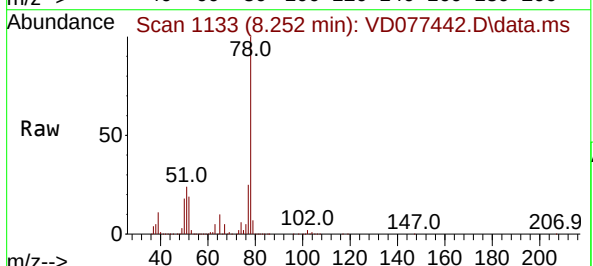
Acq: 30 Oct 2023 12:02

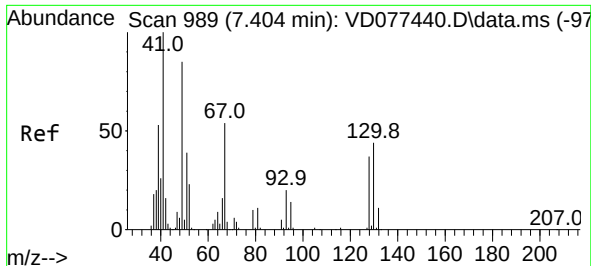
Tgt Ion: 78 Resp: 2709230

Ion Ratio Lower Upper

78 100

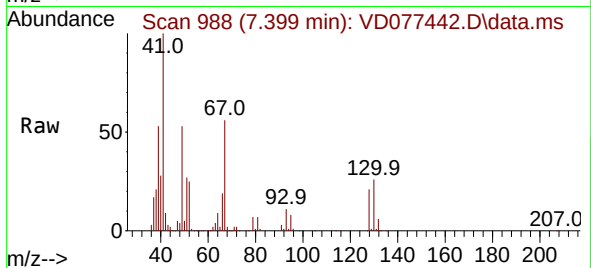
77 24.6 19.4 29.0





#41
Methacrylonitrile
Concen: 146.392 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

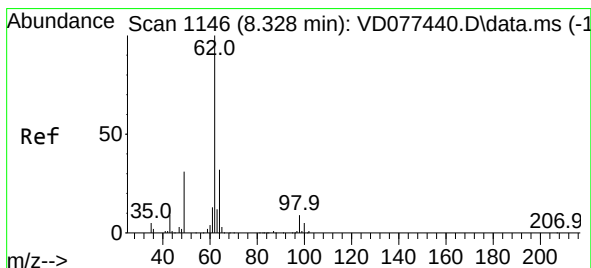
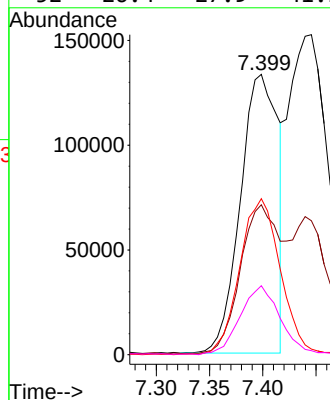
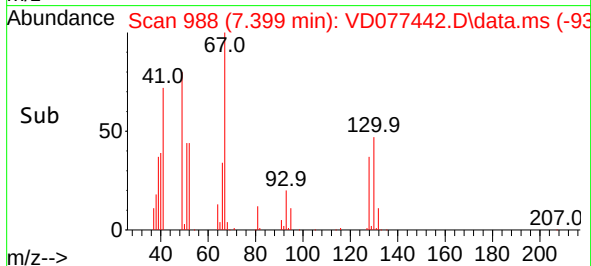
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 327815
Ion Ratio Lower Upper
41 100
39 58.5 34.0 51.0
67 60.7 77.0 115.4
52 26.4 27.9 41.9

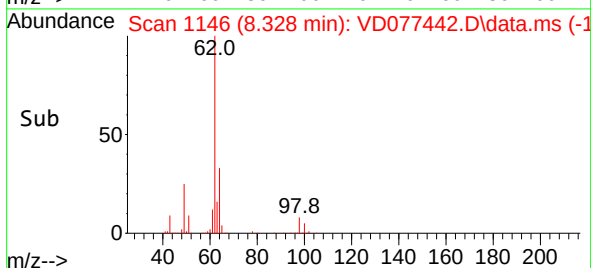
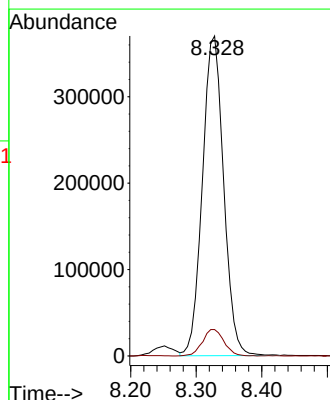
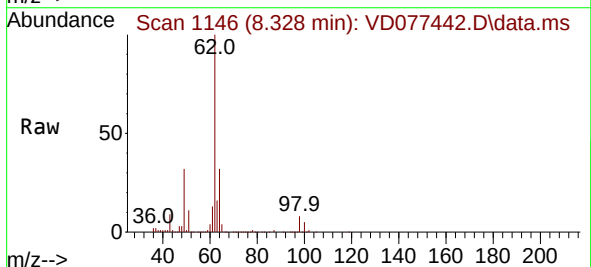
Manual Integrations
APPROVED

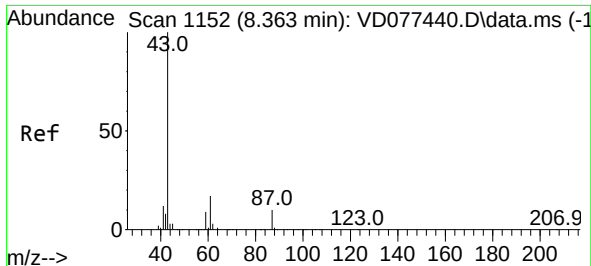
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 151.488 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

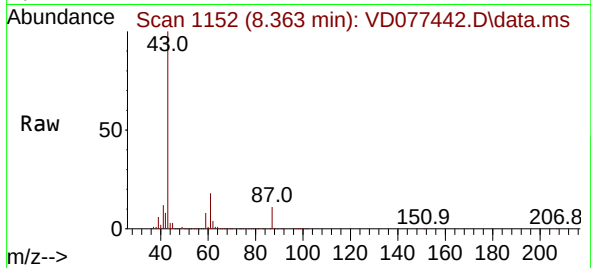
Tgt Ion: 62 Resp: 834333
Ion Ratio Lower Upper
62 100
98 8.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 149.785 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

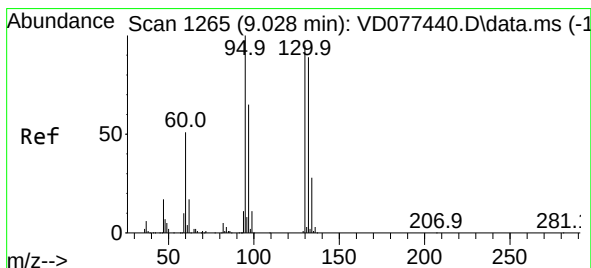
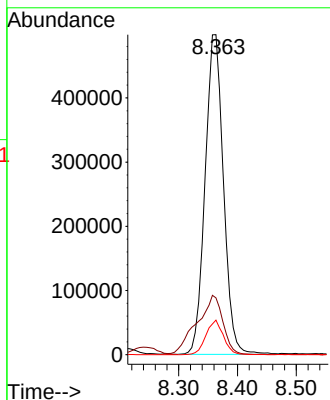
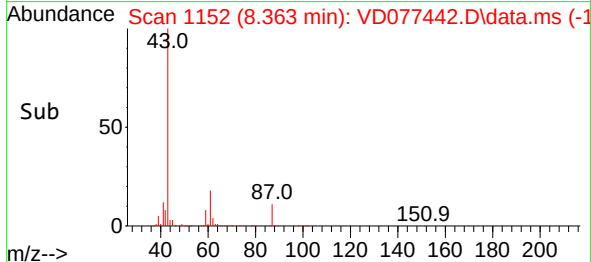
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



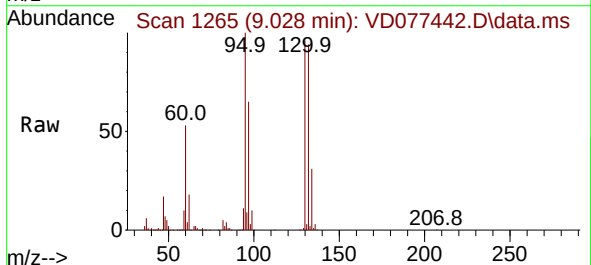
Tgt Ion: 43 Resp: 1081750
Ion Ratio Lower Upper
43 100
61 26.1 31.4 47.0
87 10.3 14.9 22.3

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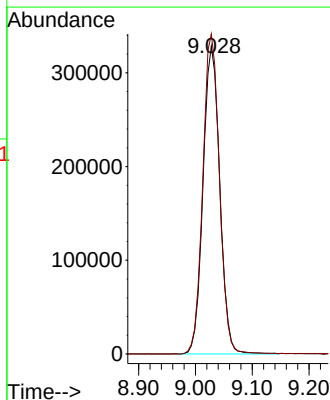
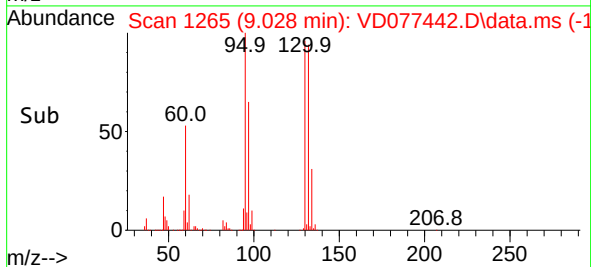
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

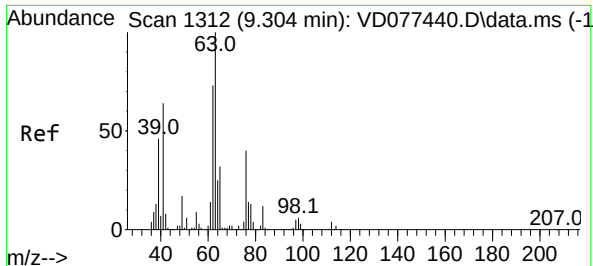


#44
Trichloroethene
Concen: 157.163 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



Tgt Ion:130 Resp: 669437
Ion Ratio Lower Upper
130 100
95 103.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 153.057 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 78356

Ion Ratio Lower Upper

63 100

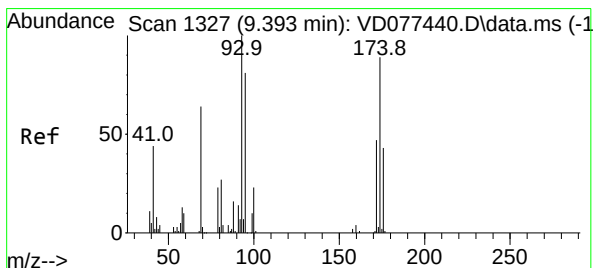
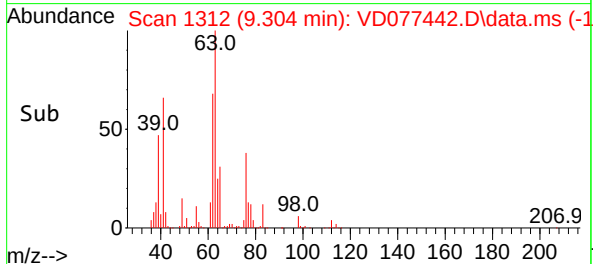
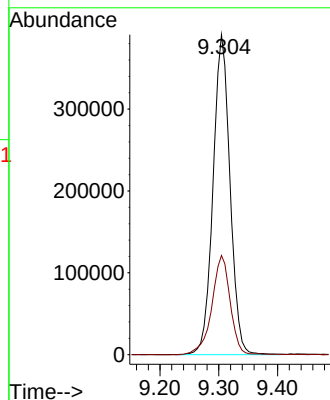
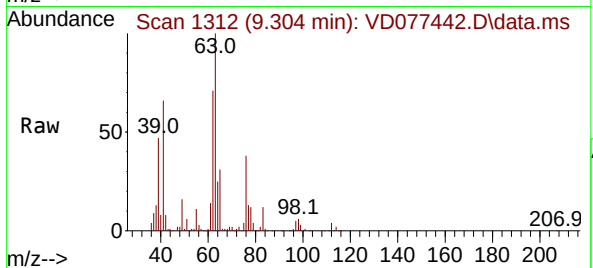
65 30.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 149.015 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

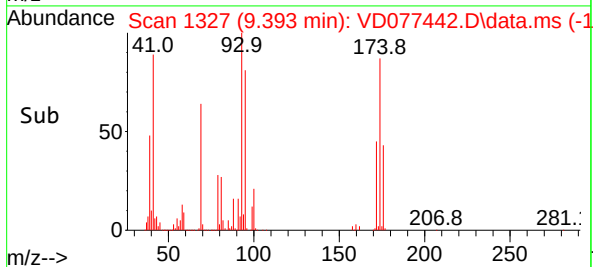
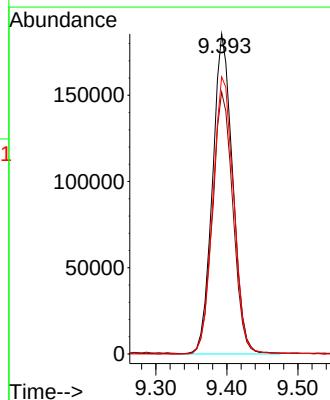
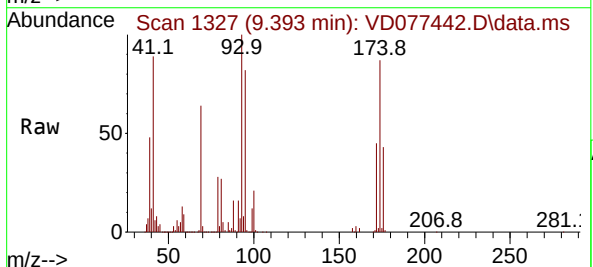
Tgt Ion: 93 Resp: 367127

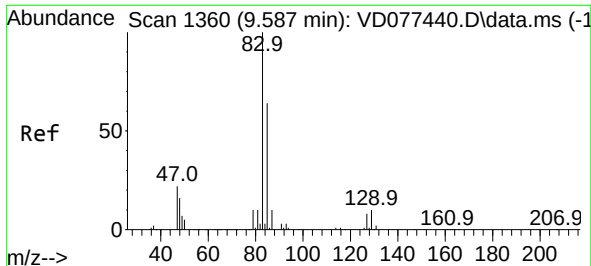
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

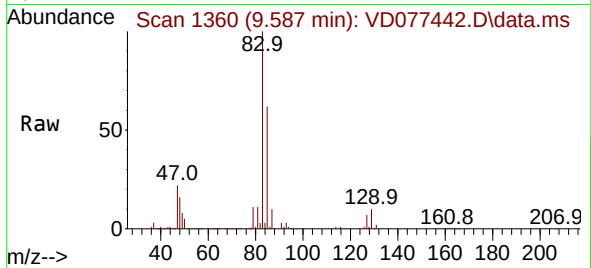
174 89.2 85.4 128.2





#47
Bromodichloromethane
Concen: 150.698 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

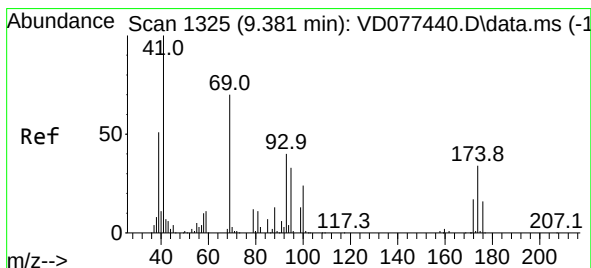
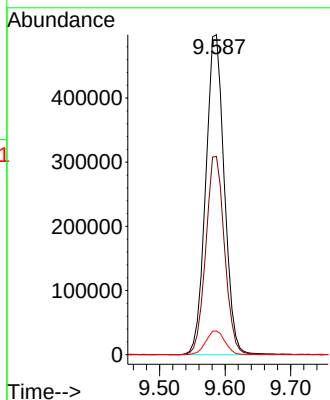
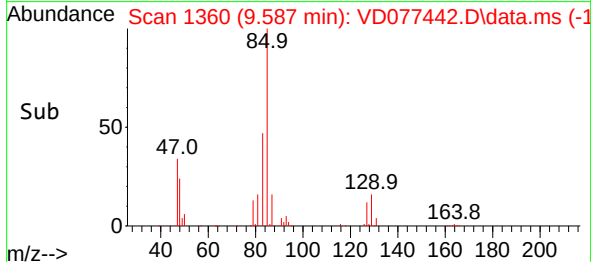
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



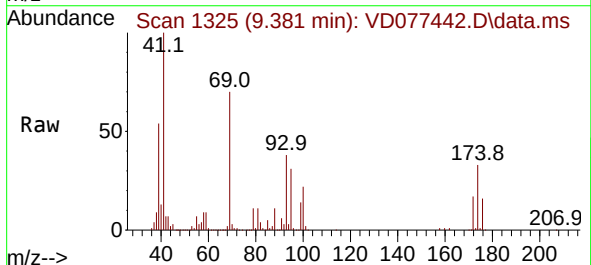
Tgt Ion: 83 Resp: 98133
Ion Ratio Lower Upper
83 100
85 62.0 50.2 75.4
127 7.4 6.3 9.5

Manual Integrations
APPROVED

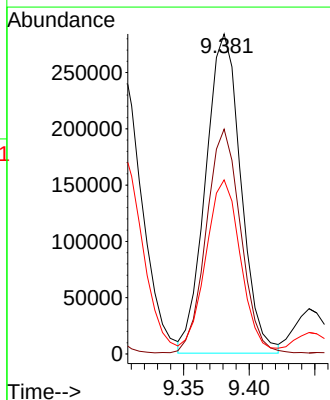
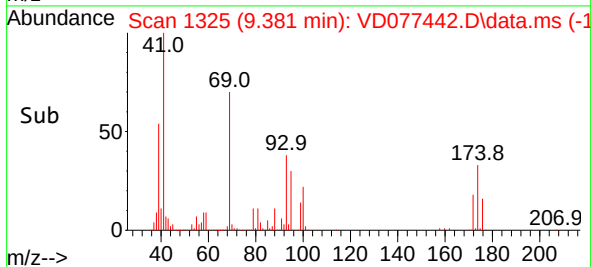
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

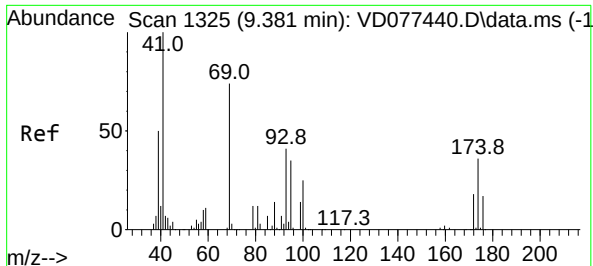


#48
Methyl methacrylate
Concen: 154.074 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



Tgt Ion: 41 Resp: 531150
Ion Ratio Lower Upper
41 100
69 68.6 102.2 153.2#
39 50.4 41.4 62.2





#49

1,4-Dioxane

Concen: 2897.834 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 76715

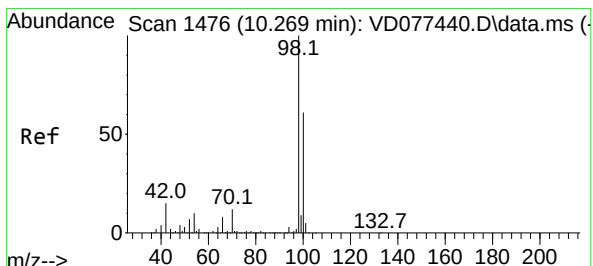
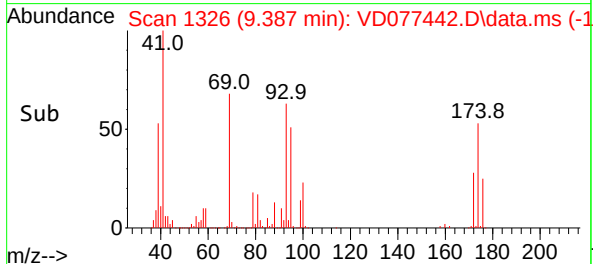
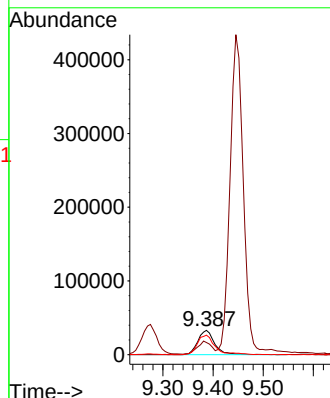
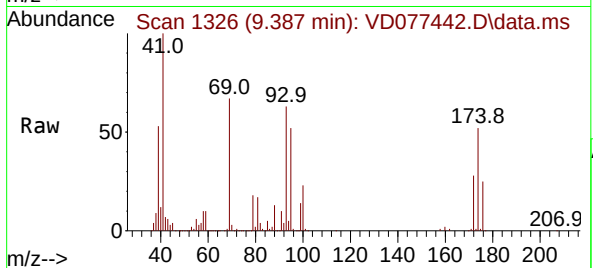
Ion	Ratio	Lower	Upper
88	100		
43	43.5	19.0	28.6
58	84.3	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#50

Toluene-d8

Concen: 152.730 ug/l

RT: 10.269 min Scan# 1476

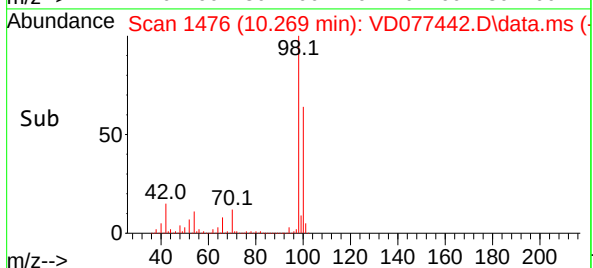
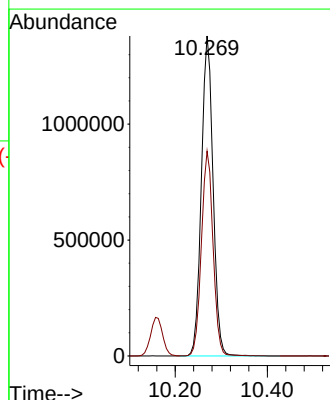
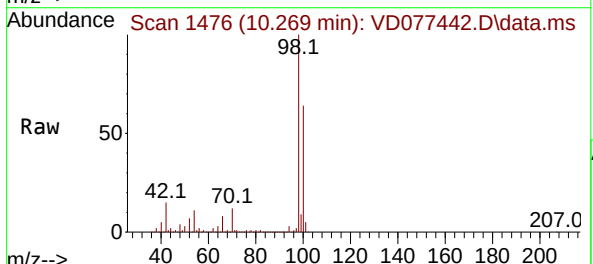
Delta R.T. 0.000 min

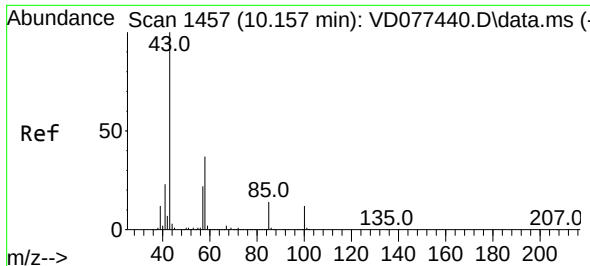
Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Tgt Ion: 98 Resp: 2439997

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.3	75.5





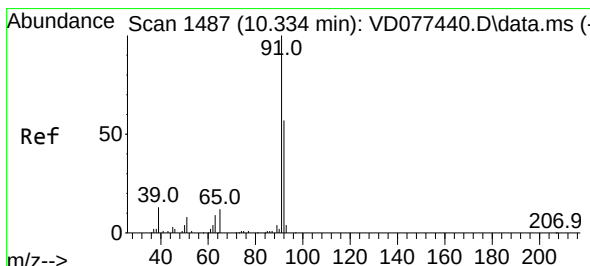
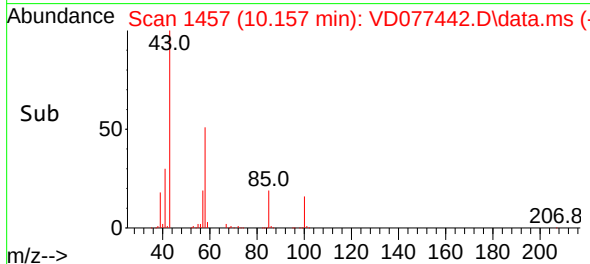
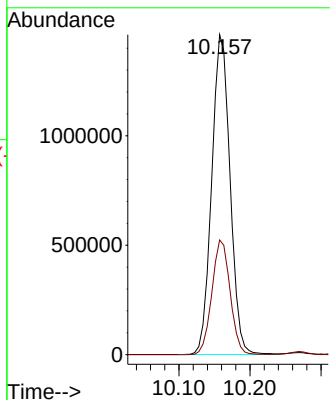
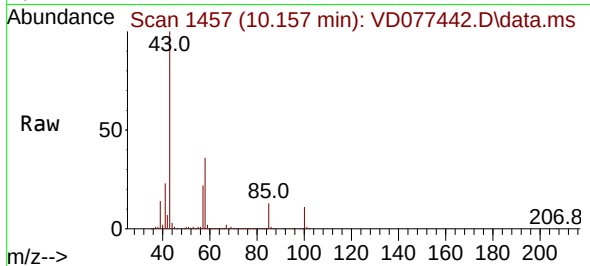
#51
4-Methyl-2-Pentanone
Concen: 736.148 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 261684
Ion Ratio Lower Upper
43 100
58 35.7 38.9 58.3

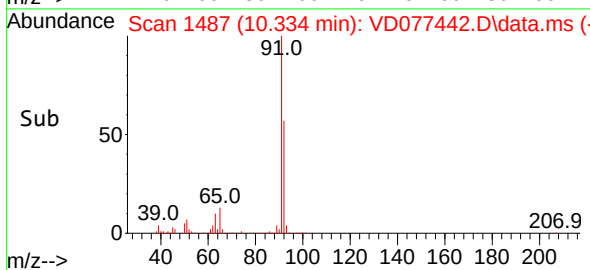
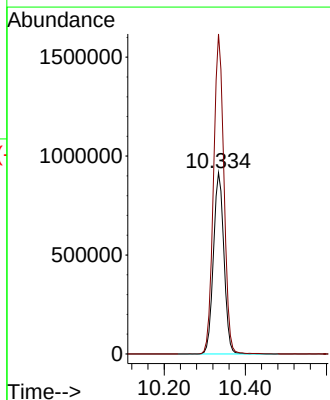
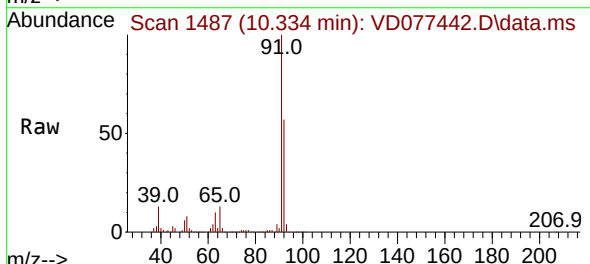
Manual Integrations
APPROVED

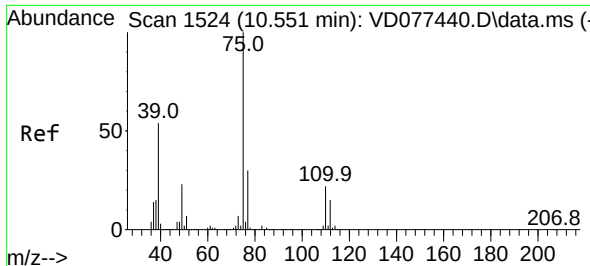
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 154.613 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

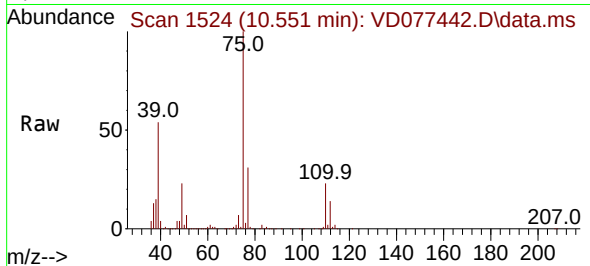
Tgt Ion: 92 Resp: 1639015
Ion Ratio Lower Upper
92 100
91 175.1 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 150.455 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

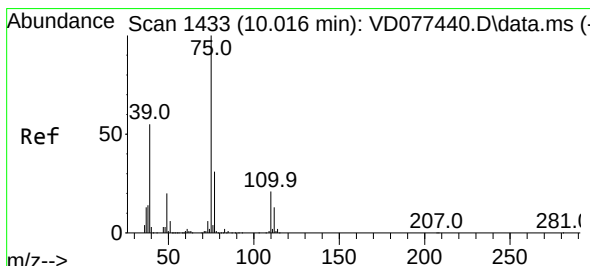
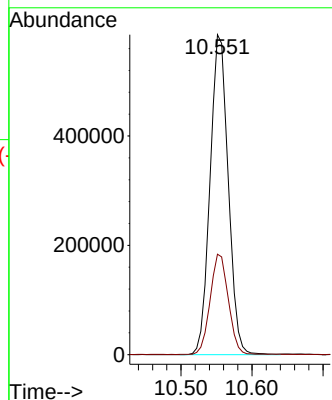
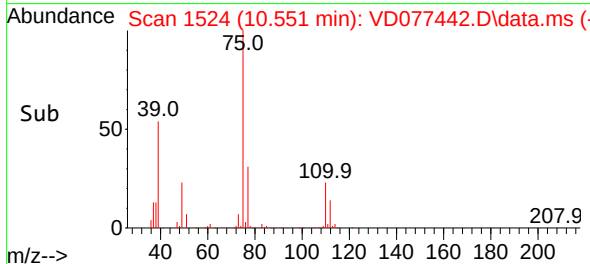
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 103744
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9

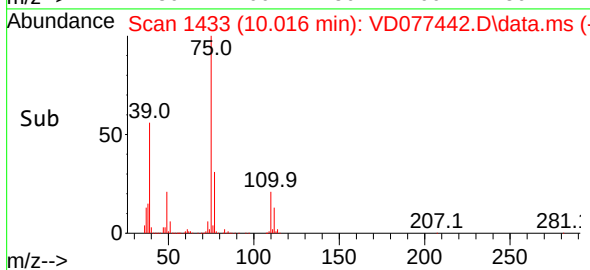
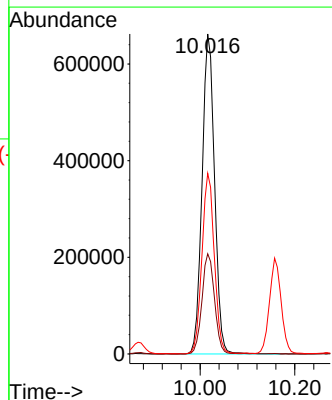
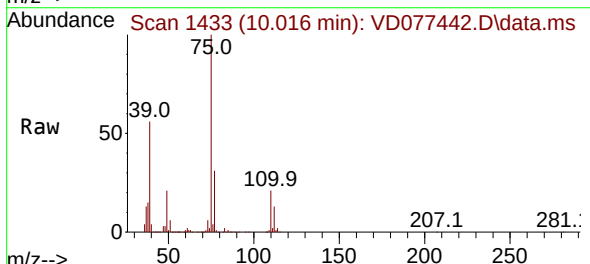
Manual Integrations
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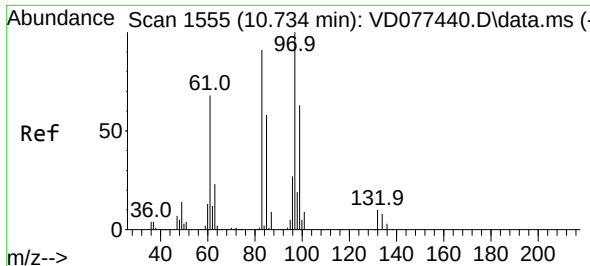
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 152.385 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

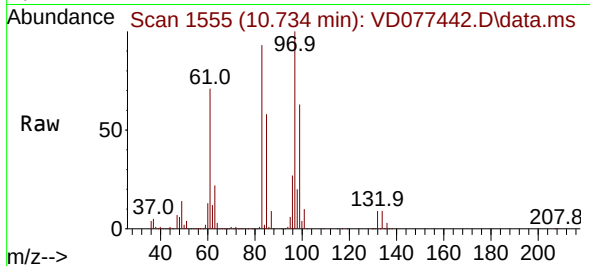
Tgt Ion: 75 Resp: 1209170
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3
 39 56.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 147.685 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

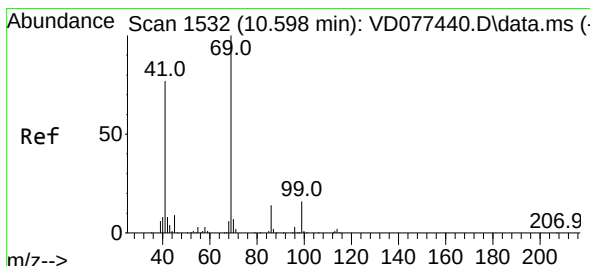
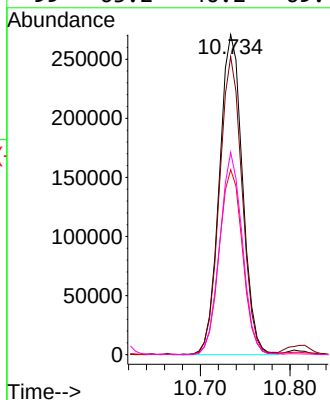
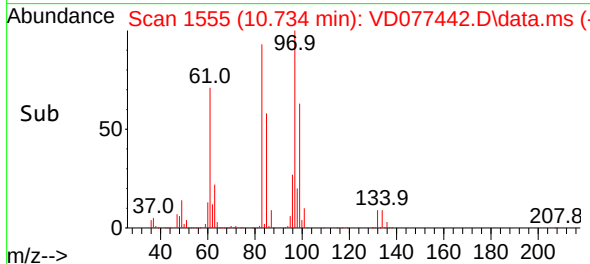
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:	97	Resp:	485438
Ion	Ratio	Lower	Upper
97	100		
83	93.1	65.8	98.6
85	57.7	45.7	68.5
99	63.2	46.2	69.4

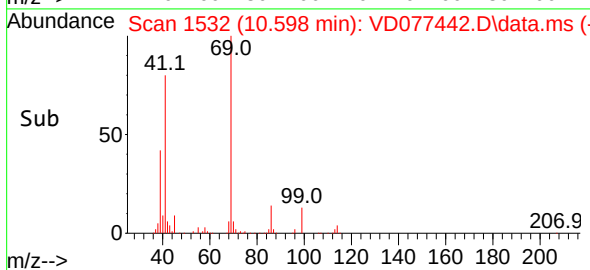
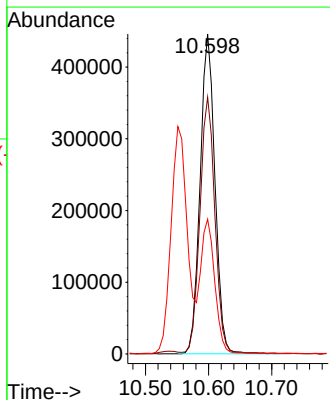
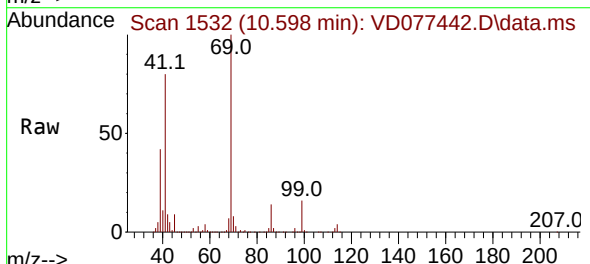
Manual Integrations
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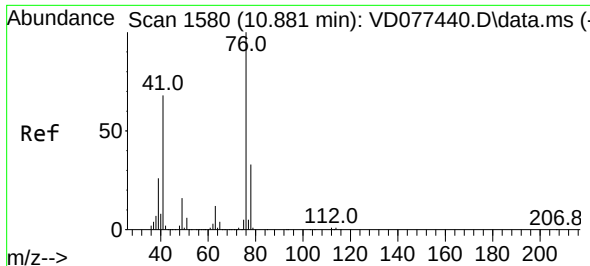
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 149.062 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Tgt Ion:	69	Resp:	728490
Ion	Ratio	Lower	Upper
69	100		
41	81.9	39.1	58.7#
39	39.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 149.870 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 920774

Ion Ratio Lower Upper

76 100

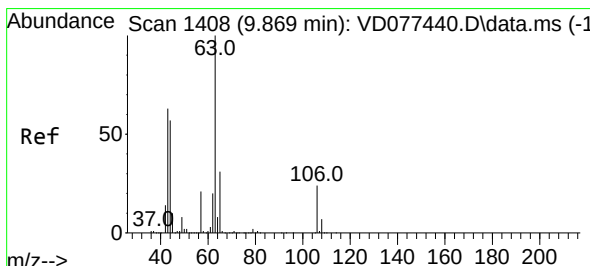
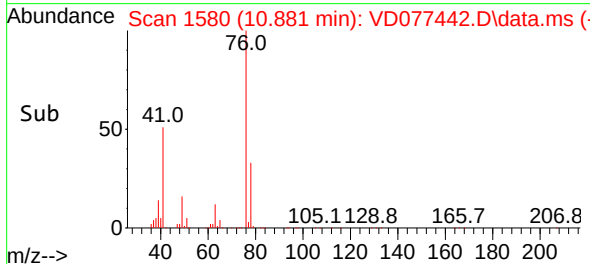
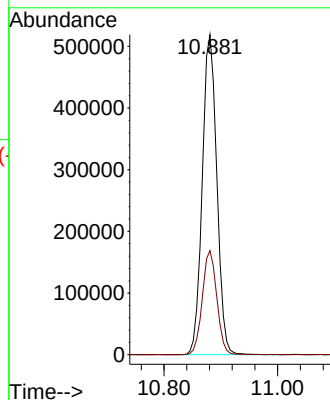
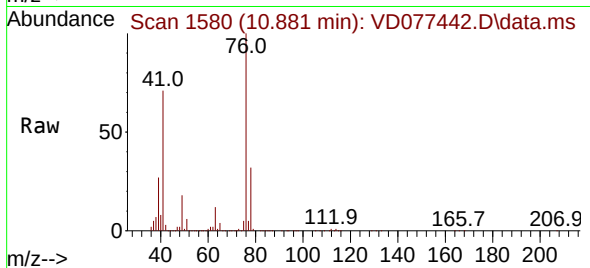
78 32.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 787.913 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077442.D

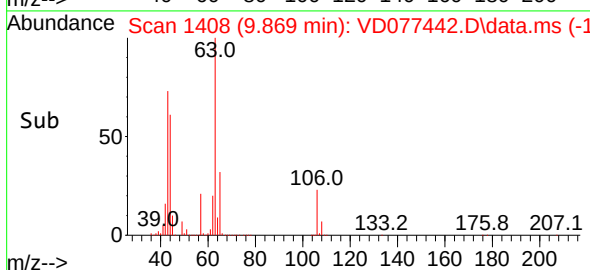
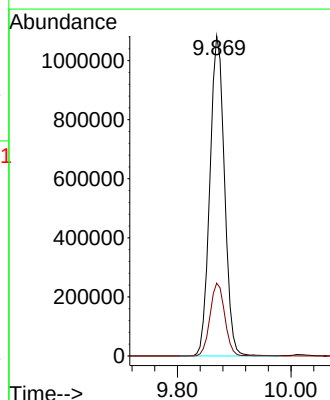
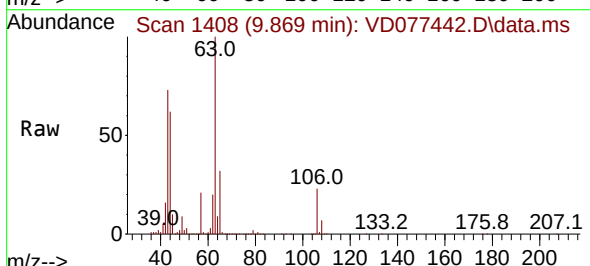
Acq: 30 Oct 2023 12:02

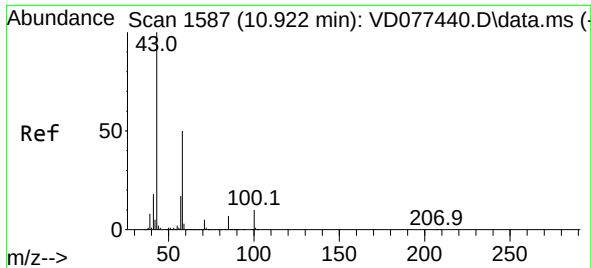
Tgt Ion: 63 Resp: 1927764

Ion Ratio Lower Upper

63 100

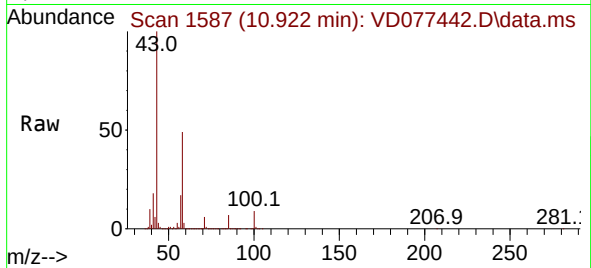
106 22.9 25.3 37.9





#59
2-Hexanone
Concen: 723.310 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

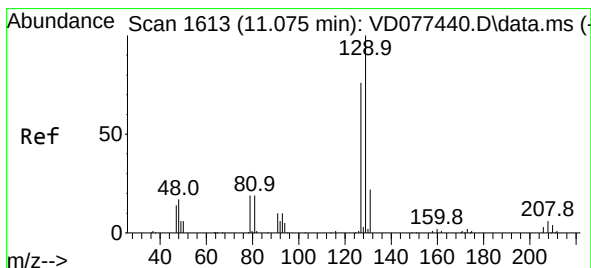
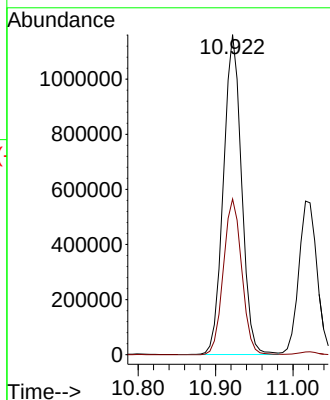
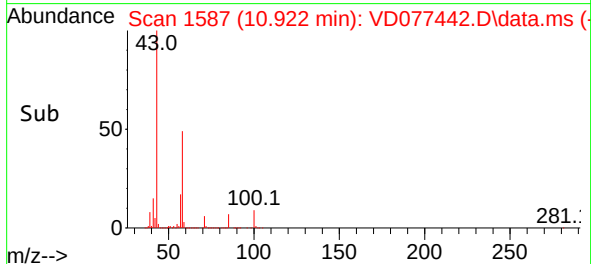
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



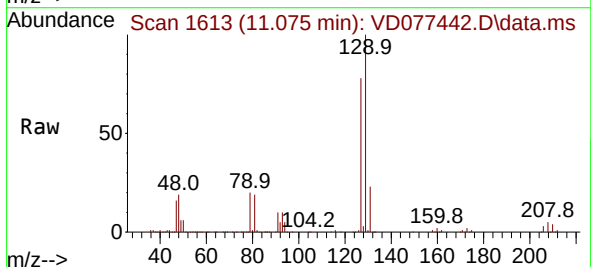
Tgt Ion: 43 Resp: 189412
Ion Ratio Lower Upper
43 100
58 49.2 34.1 102.2

Manual Integrations
APPROVED

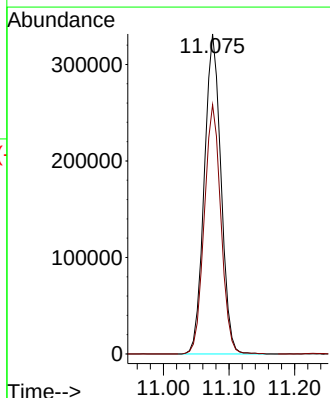
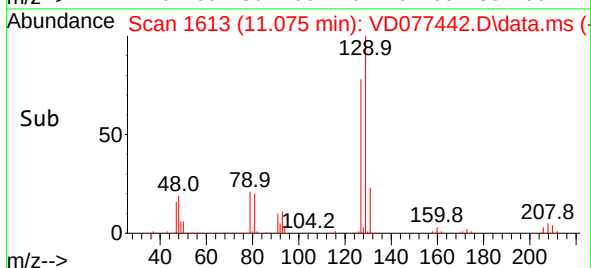
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

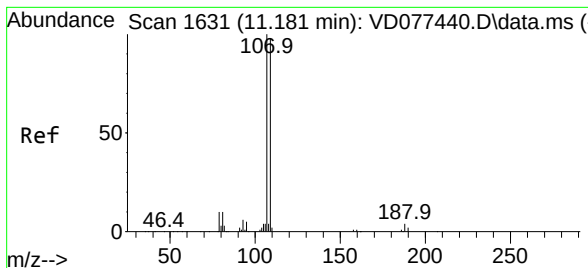


#60
Dibromochloromethane
Concen: 148.369 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



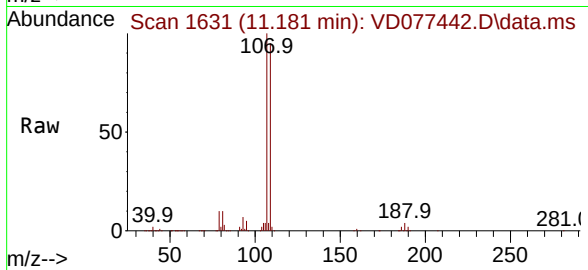
Tgt Ion:129 Resp: 586424
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 150.524 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

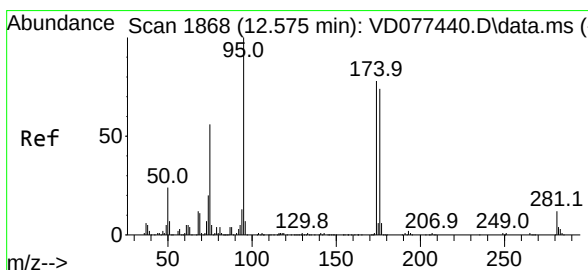
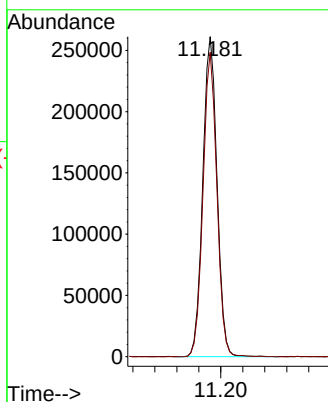
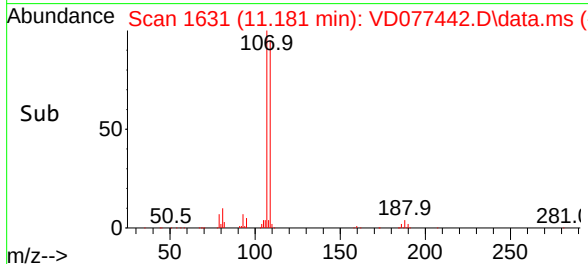
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



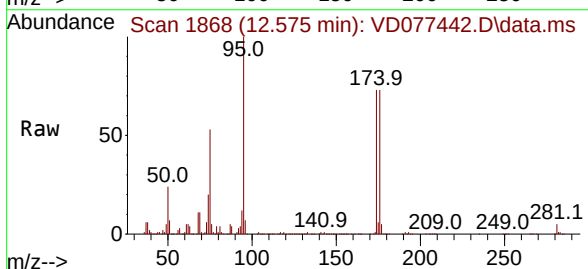
Tgt Ion:107 Resp: 46854
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4

Manual Integrations
APPROVED

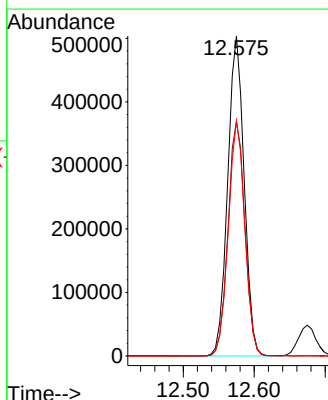
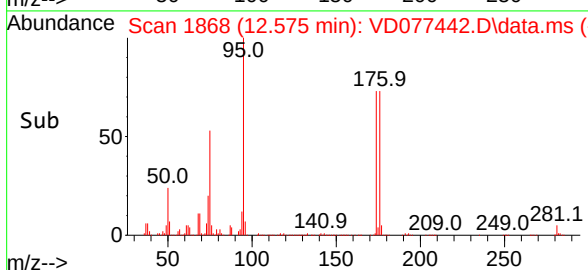
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

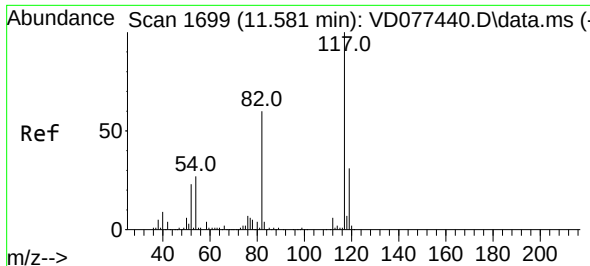


#62
4-Bromofluorobenzene
Concen: 150.420 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



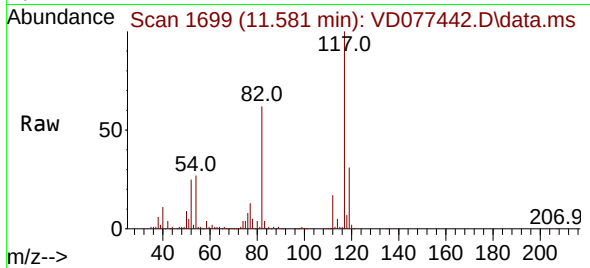
Tgt Ion: 95 Resp: 809378
Ion Ratio Lower Upper
95 100
174 75.2 0.0 201.8
176 73.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

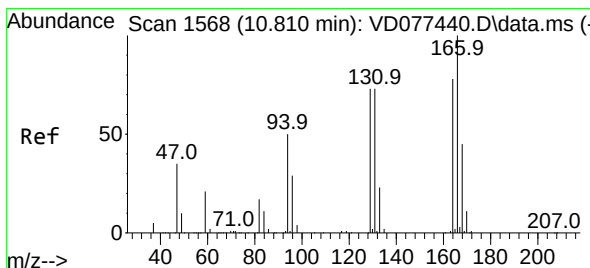
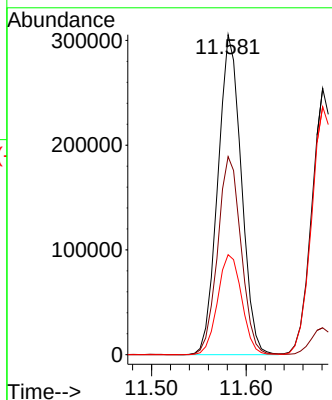
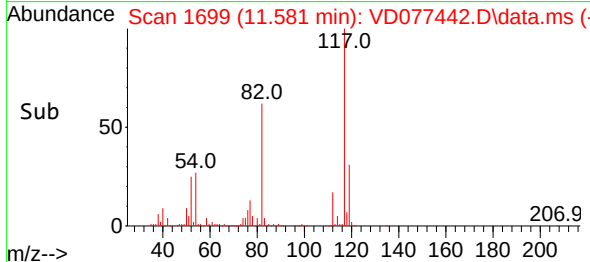
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



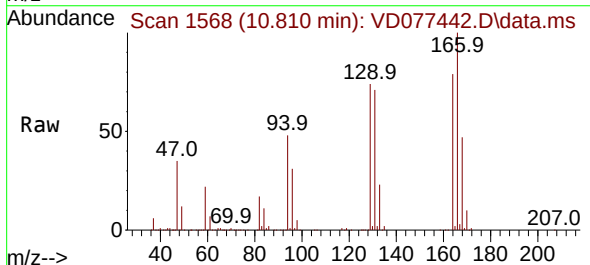
Tgt Ion:117 Resp: 526150
Ion Ratio Lower Upper
117 100
82 61.9 38.3 57.5
119 31.2 25.0 37.4

Manual Integrations
APPROVED

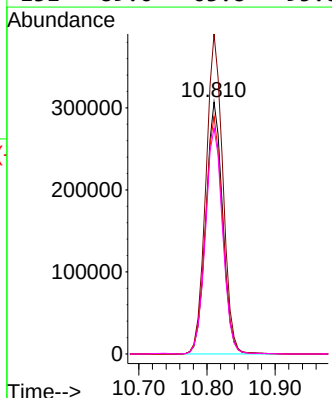
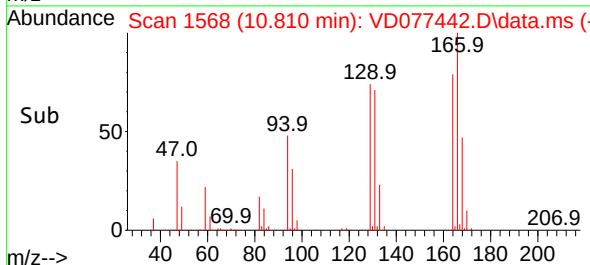
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

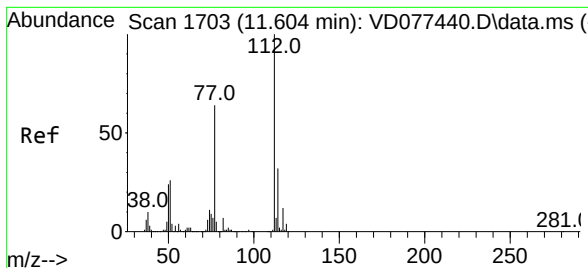


#64
Tetrachloroethene
Concen: 157.545 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



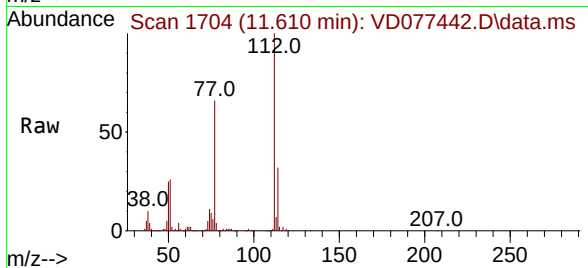
Tgt Ion:164 Resp: 527745
Ion Ratio Lower Upper
164 100
166 127.1 99.2 148.8
129 94.4 68.4 102.6
131 89.6 63.8 95.8





#65
Chlorobenzene
Concen: 152.185 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

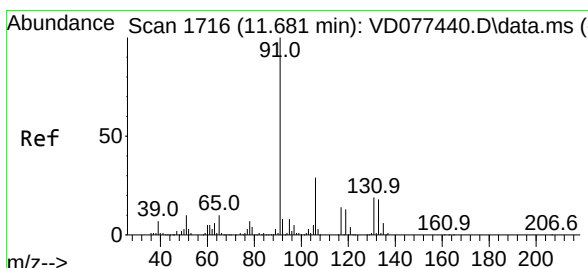
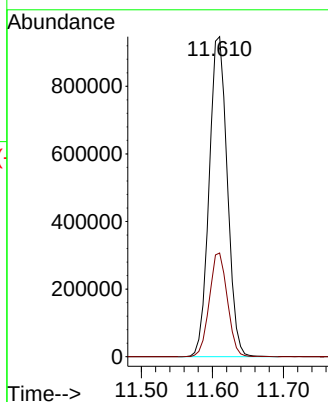
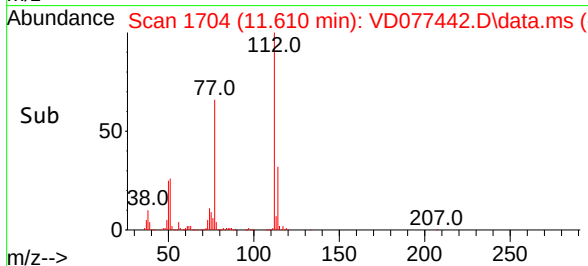
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



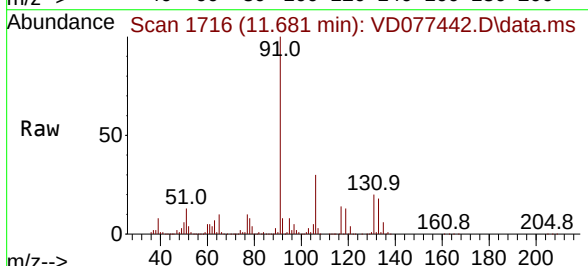
Tgt Ion:112 Resp: 167751
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7

Manual Integrations
APPROVED

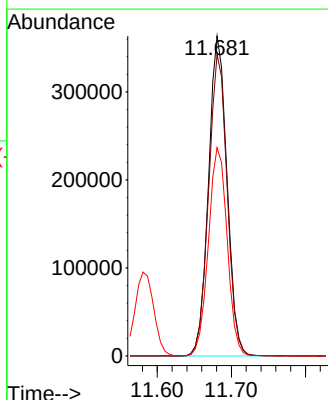
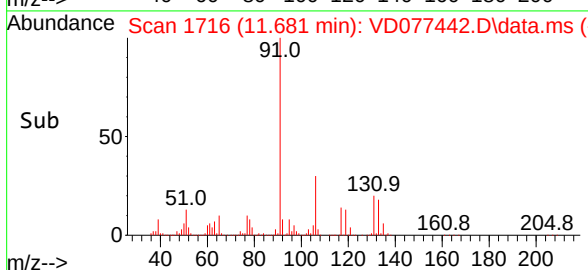
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

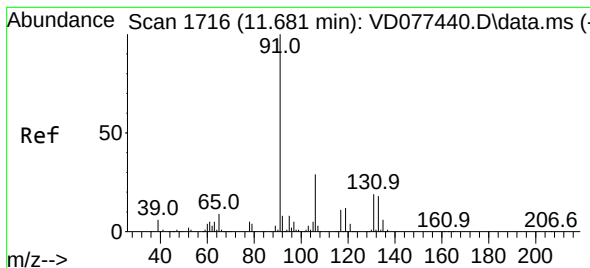


#66
1,1,1,2-Tetrachloroethane
Concen: 151.295 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



Tgt Ion:131 Resp: 630209
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 66.2 35.6 106.9





#67

Ethyl Benzene

Concen: 153.688 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077442.D

Acq: 30 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 3259580

Ion Ratio Lower Upper

91 100

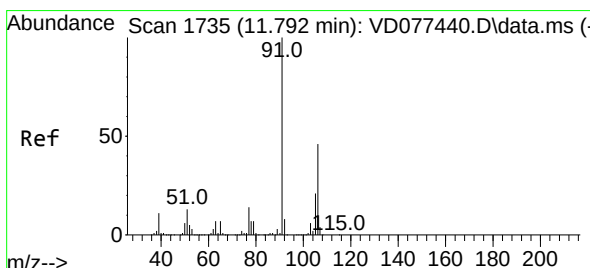
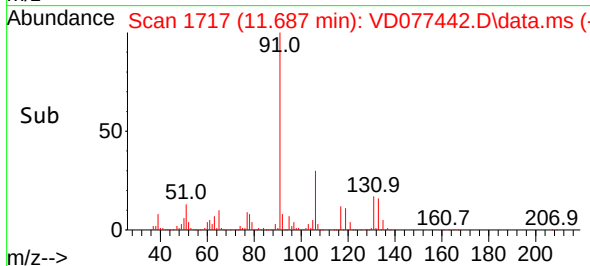
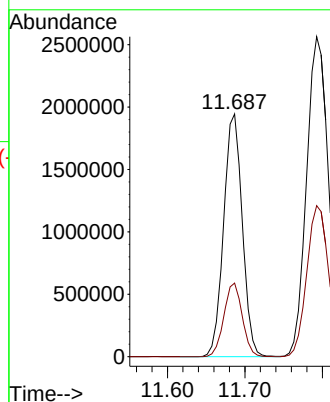
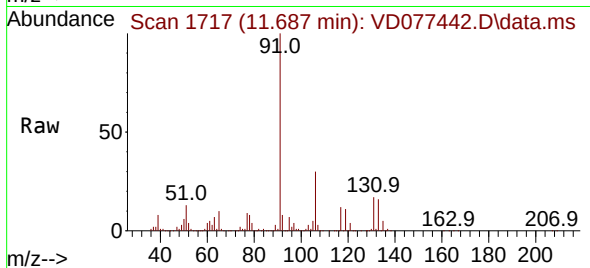
106 30.3 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#68

m/p-Xylenes

Concen: 307.049 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077442.D

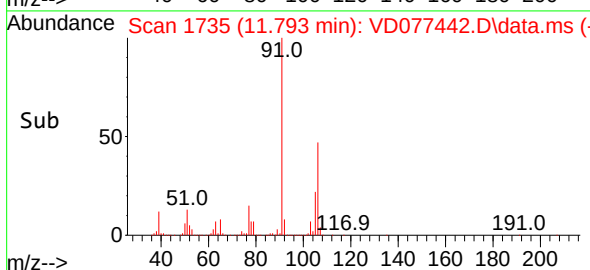
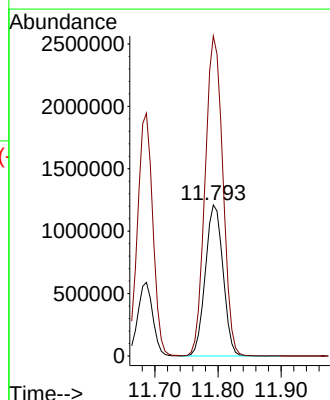
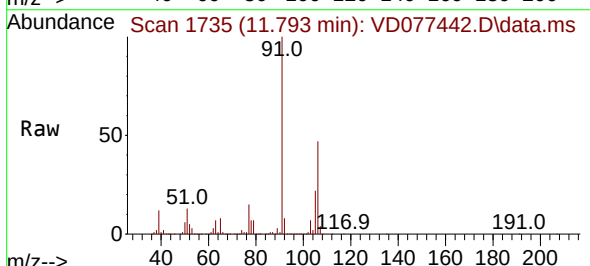
Acq: 30 Oct 2023 12:02

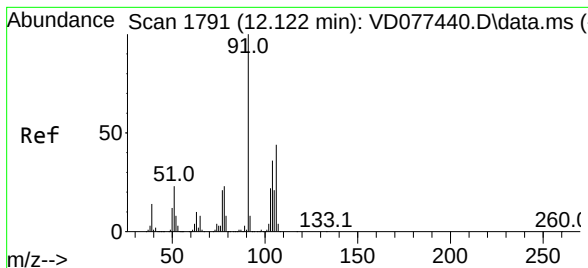
Tgt Ion:106 Resp: 2351612

Ion Ratio Lower Upper

106 100

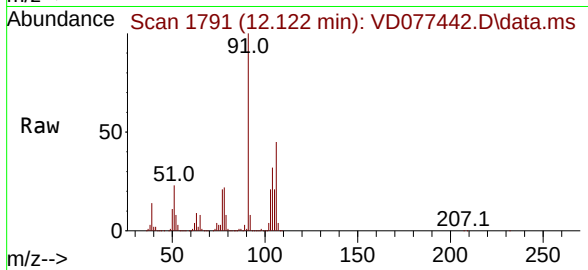
91 212.3 147.0 220.6





#69
o-Xylene
Concen: 153.003 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

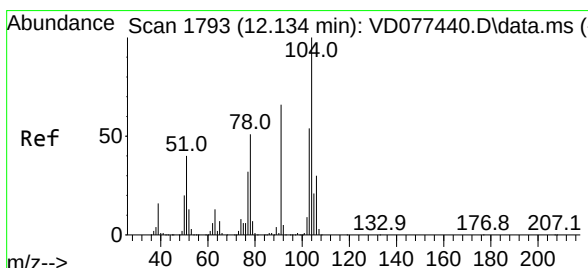
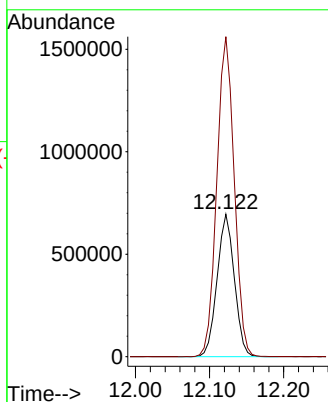
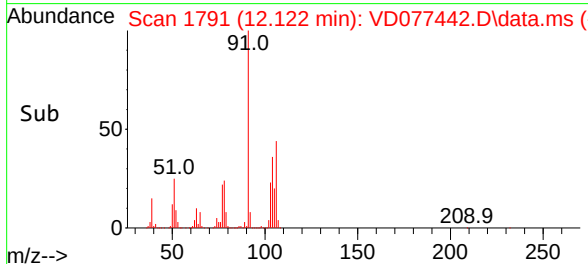
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



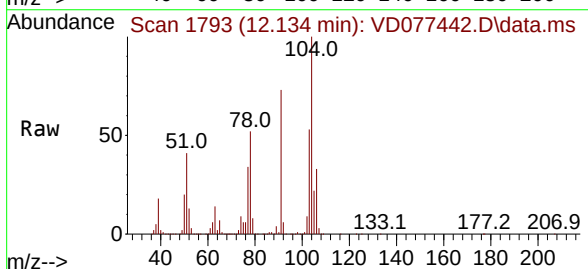
Tgt Ion:106 Resp: 1122429
Ion Ratio Lower Upper
106 100
91 227.1 97.9 293.6

Manual Integrations
APPROVED

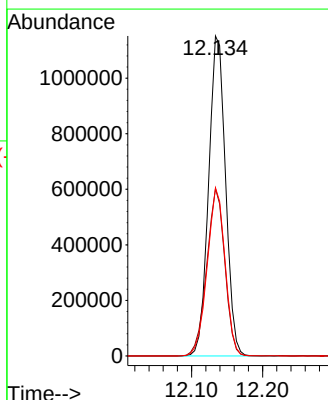
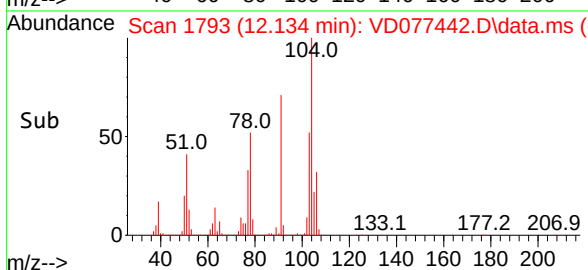
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

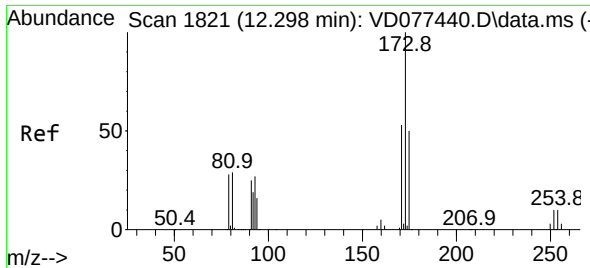


#70
Styrene
Concen: 150.673 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



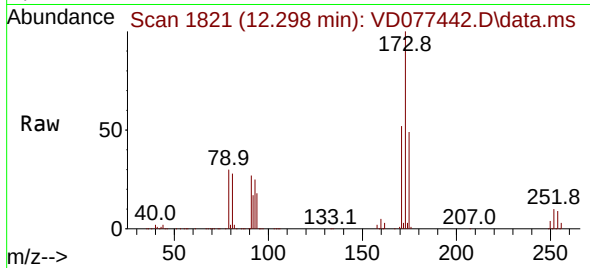
Tgt Ion:104 Resp: 1906847
Ion Ratio Lower Upper
104 100
78 55.9 33.2 49.8#
103 55.4 43.6 65.4





#71
Bromoform
Concen: 144.621 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

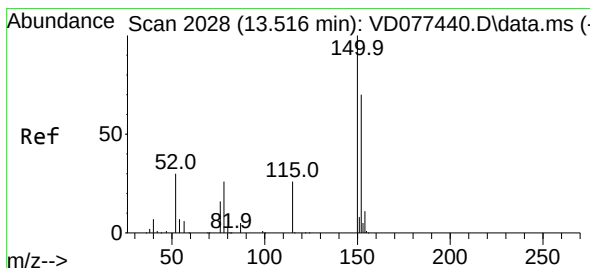
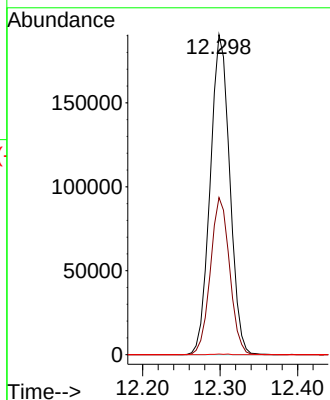
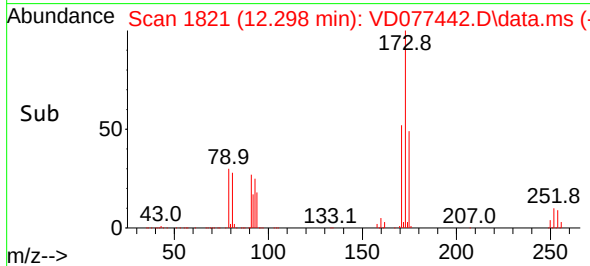
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 333979
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.8
254 0.1 0.0 0.0

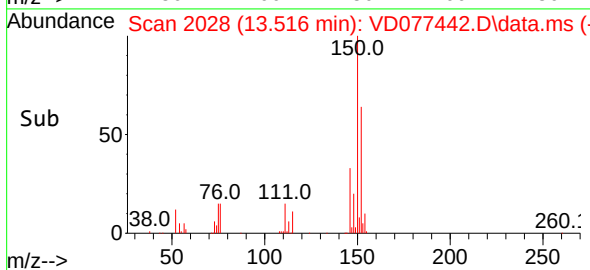
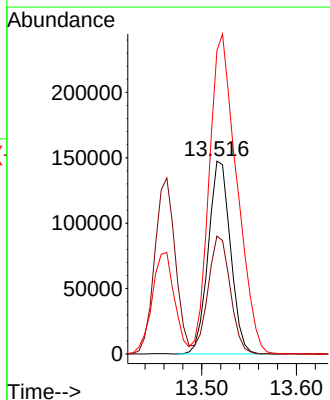
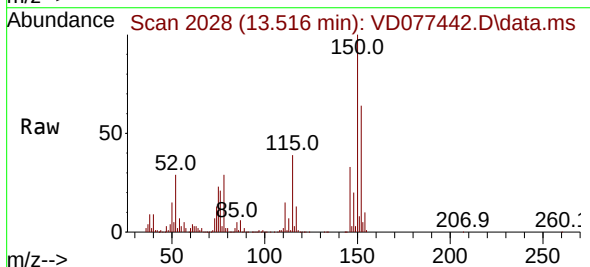
Manual Integrations
APPROVED

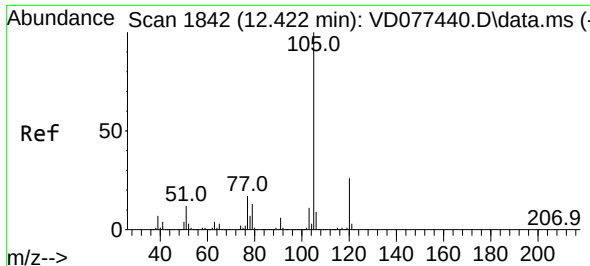
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

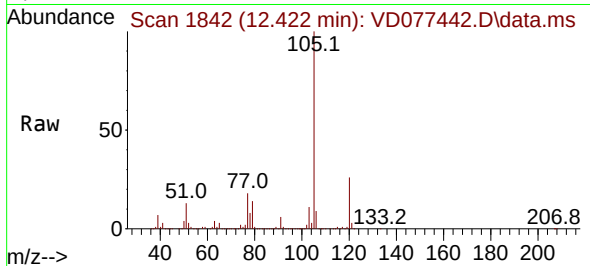
Tgt Ion:152 Resp: 240679
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 205.9 0.0 353.6





#73
Isopropylbenzene
Concen: 151.227 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

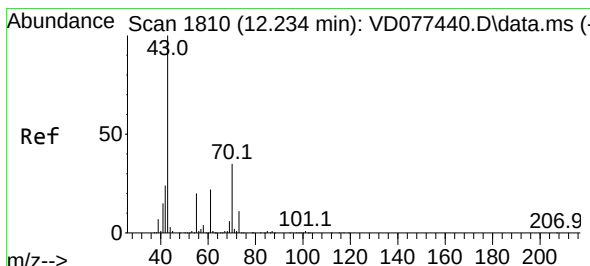
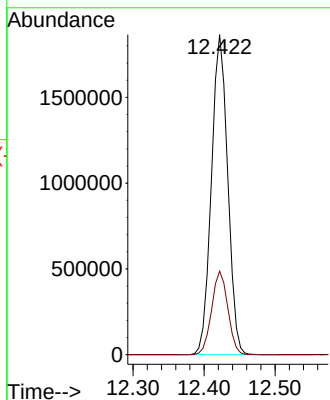
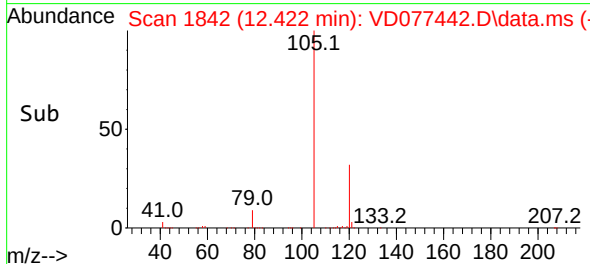
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



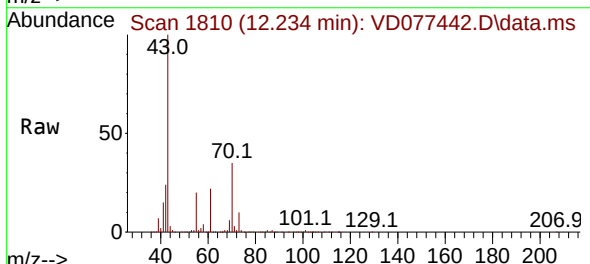
Tgt Ion:105 Resp: 2967490
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9

Manual Integrations
APPROVED

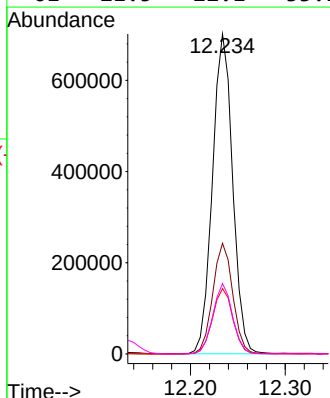
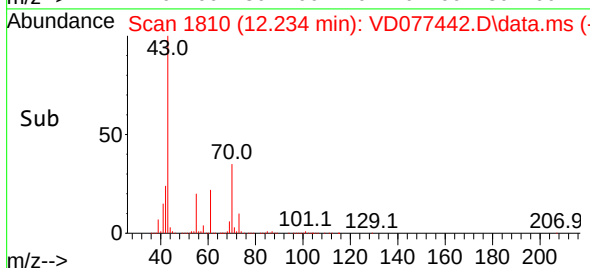
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

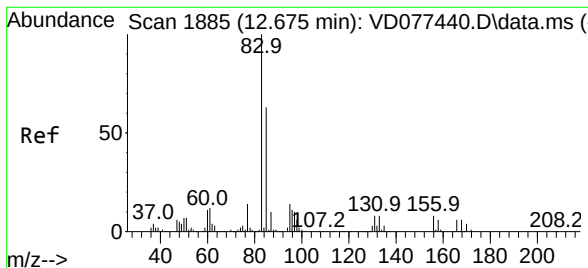


#74
N-ethyl acetate
Concen: 149.433 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



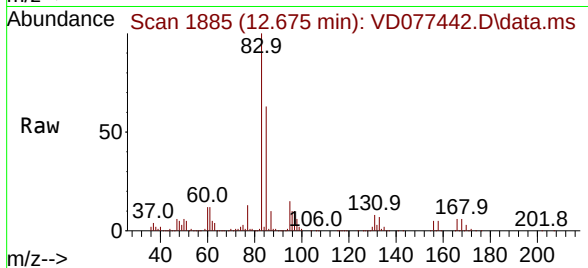
Tgt Ion: 43 Resp: 1038627
Ion Ratio Lower Upper
43 100
70 34.5 45.0 67.4#
55 20.5 23.8 35.6#
61 21.5 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 145.710 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

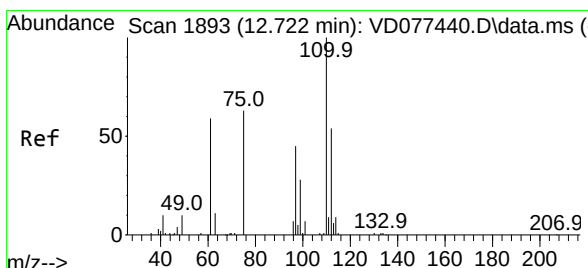
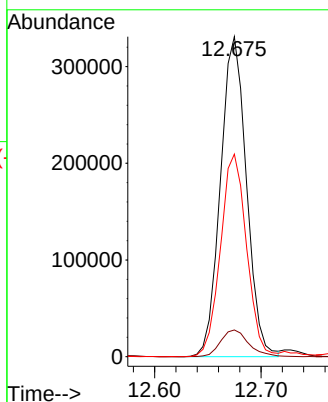
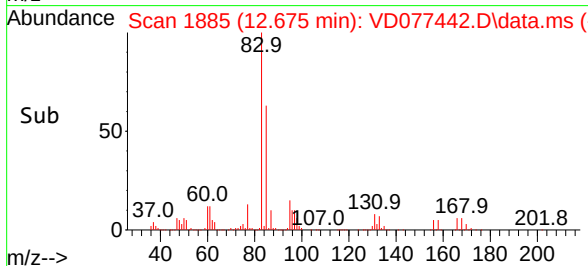
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



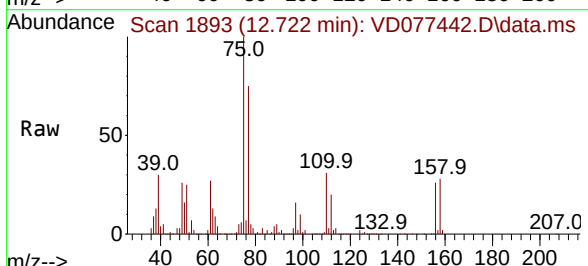
Tgt Ion: 83 Resp: 560474
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 63.6 32.6 97.8

Manual Integrations
APPROVED

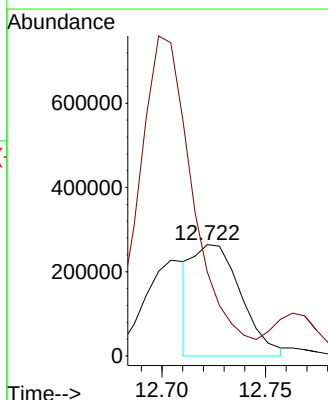
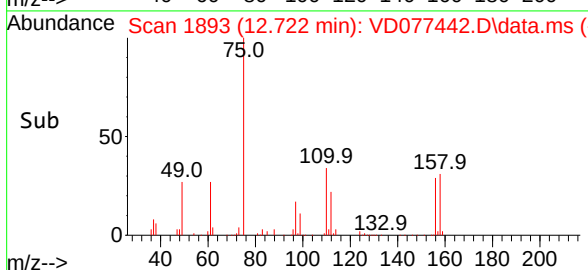
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

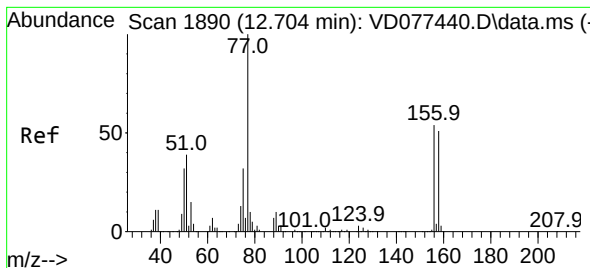


#76
1,2,3-Trichloropropane
Concen: 132.897 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



Tgt Ion: 75 Resp: 427399
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





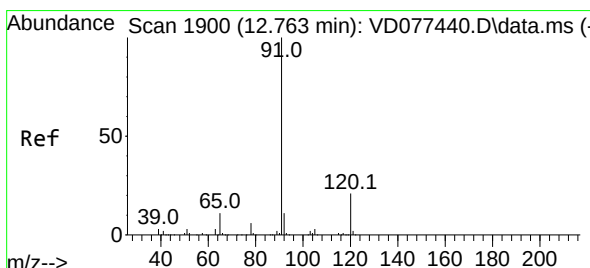
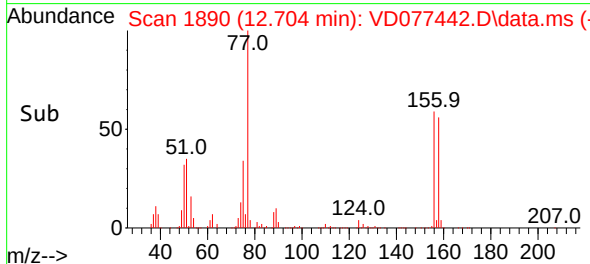
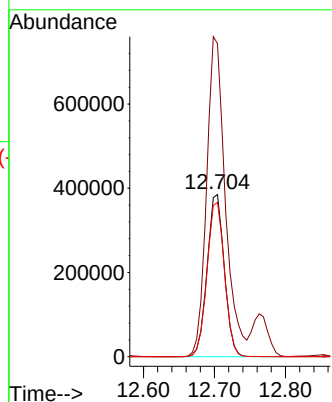
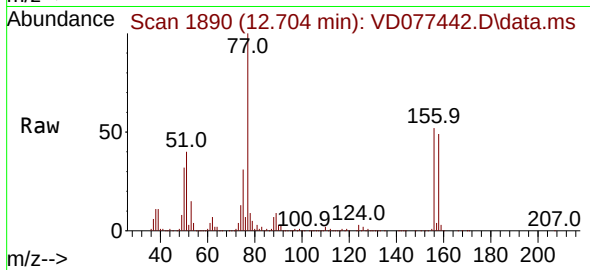
#77
Bromobenzene
Concen: 149.887 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 647397
Ion Ratio Lower Upper
156 100
77 215.4 76.8 230.4
158 96.6 48.6 145.9

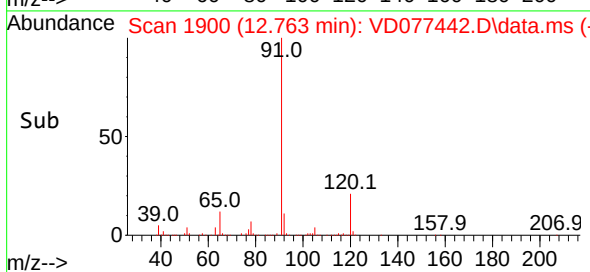
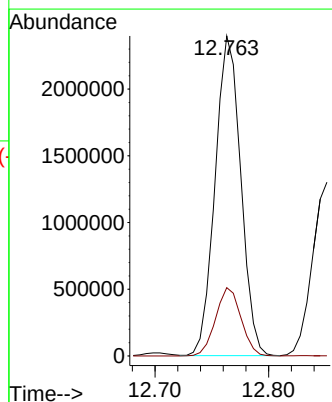
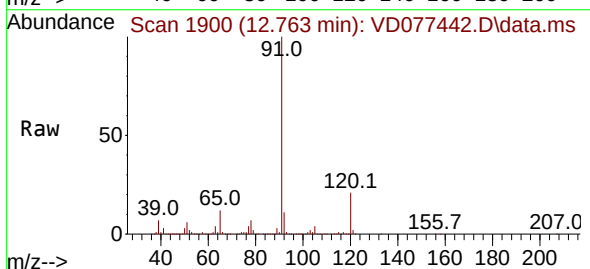
Manual Integrations
APPROVED

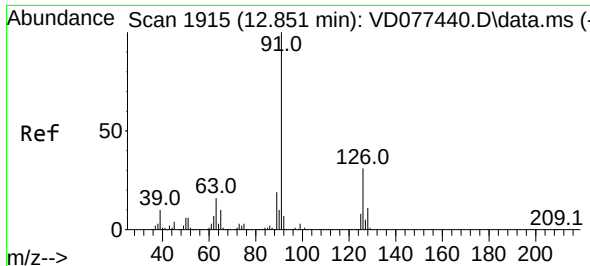
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#78
n-propylbenzene
Concen: 150.887 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Tgt Ion: 91 Resp: 3759476
Ion Ratio Lower Upper
91 100
120 21.2 12.4 37.2





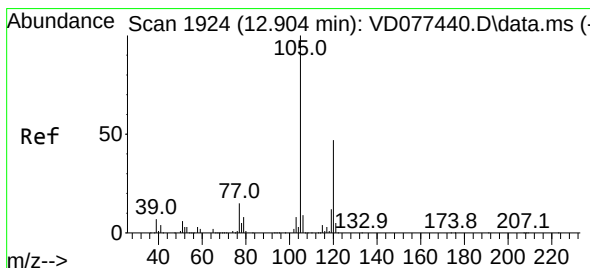
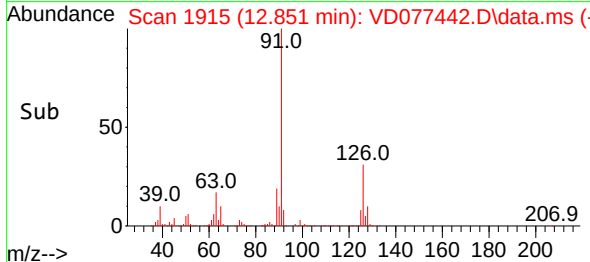
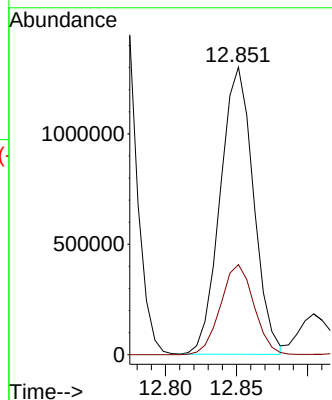
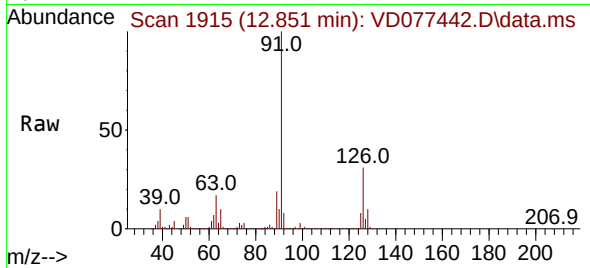
#79
2-Chlorotoluene
Concen: 150.401 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2121769
Ion Ratio Lower Upper
91 100
126 31.5 19.4 58.1

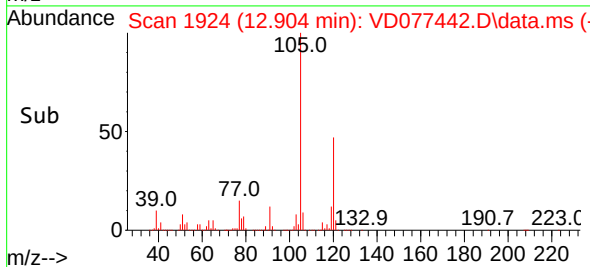
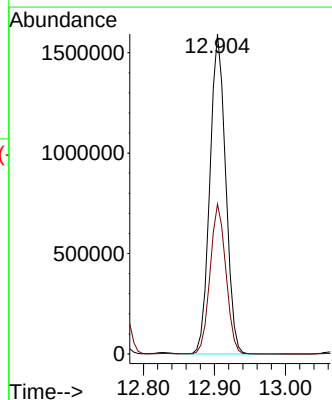
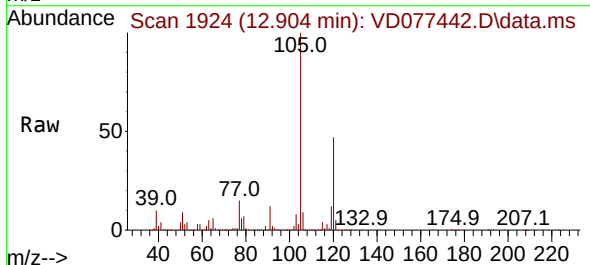
Manual Integrations
APPROVED

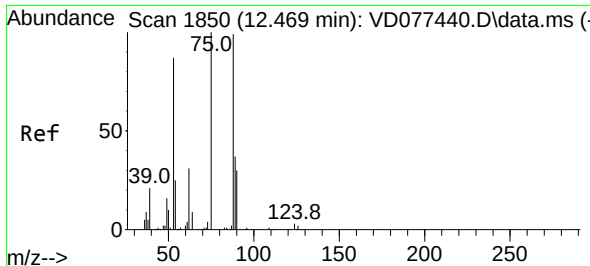
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 149.078 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

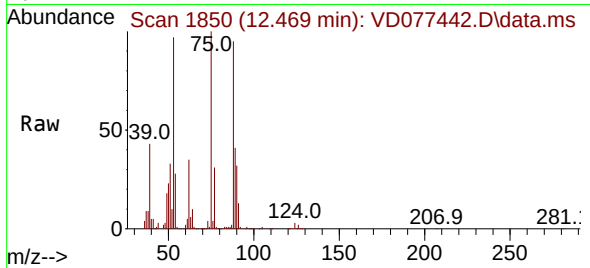
Tgt Ion:105 Resp: 2454593
Ion Ratio Lower Upper
105 100
120 46.8 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 143.627 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

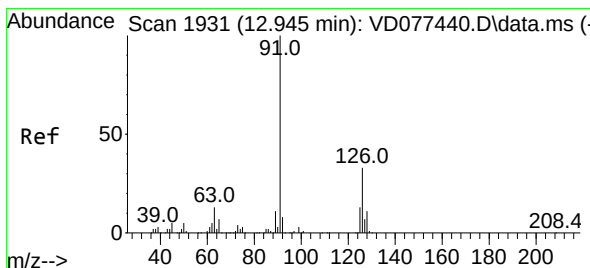
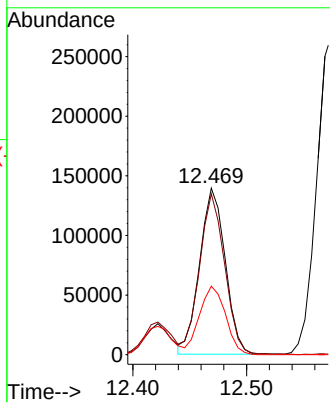
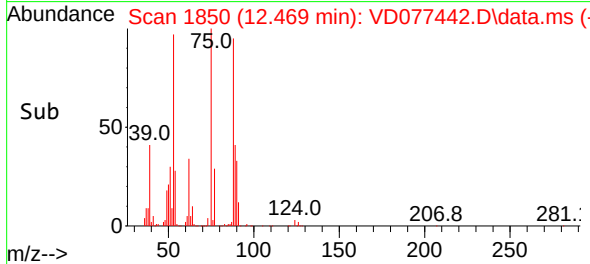
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 217809
Ion Ratio Lower Upper
75 100
53 96.4 63.0 94.4
89 41.8 37.9 56.9

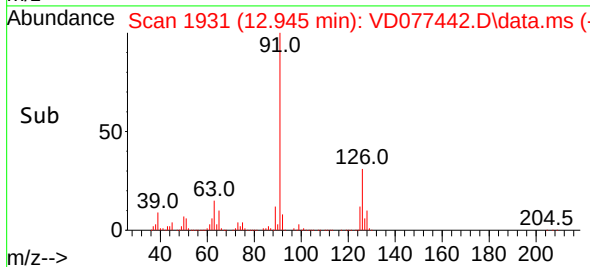
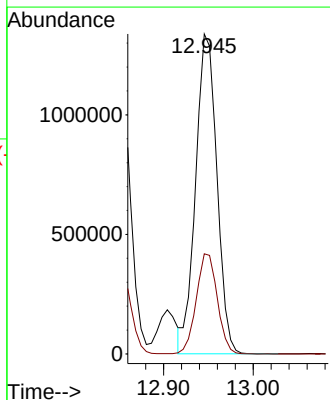
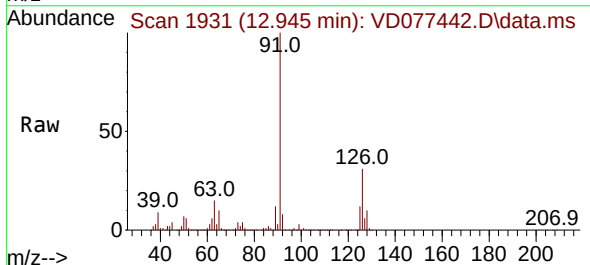
Manual Integrations
APPROVED

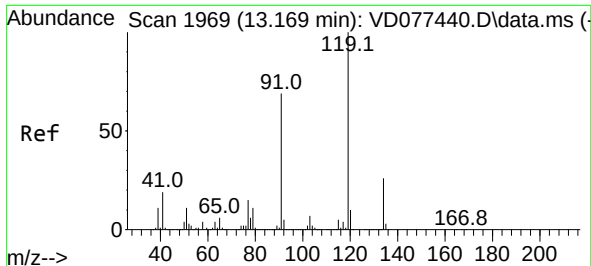
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 149.744 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

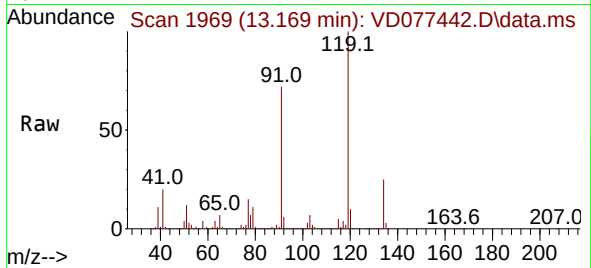
Tgt Ion: 91 Resp: 2200460
Ion Ratio Lower Upper
91 100
126 31.1 19.4 58.4





#83
tert-Butylbenzene
Concen: 150.787 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

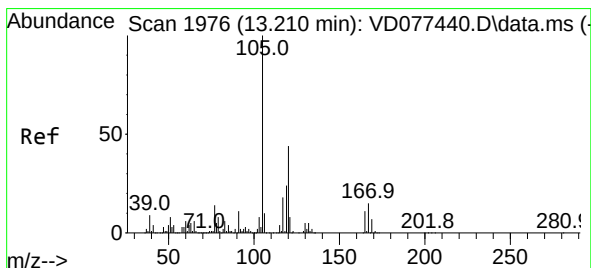
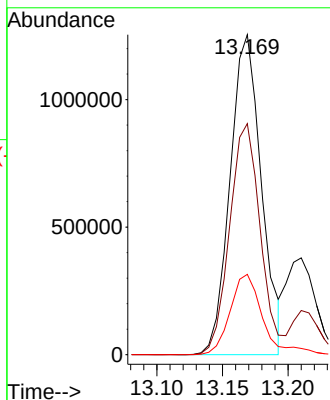
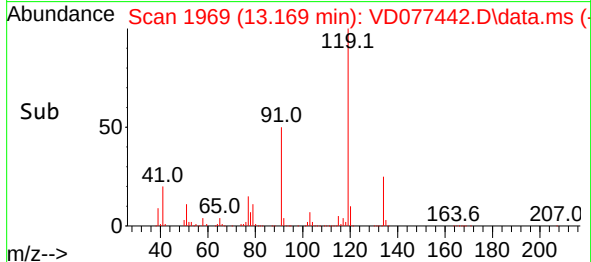
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



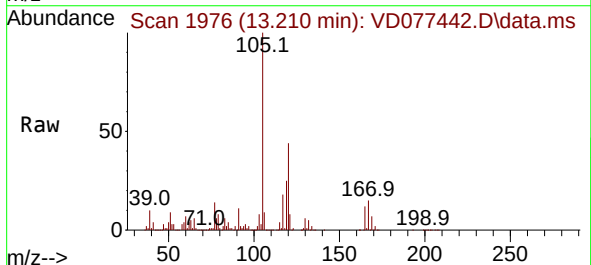
Tgt Ion:119 Resp: 2087385
Ion Ratio Lower Upper
119 100
91 71.2 29.3 87.8
134 26.2 14.1 42.3

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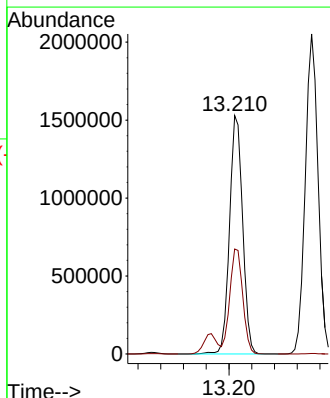
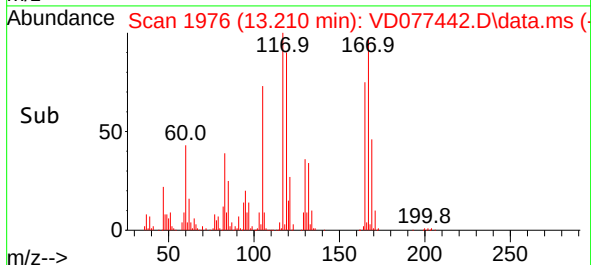
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

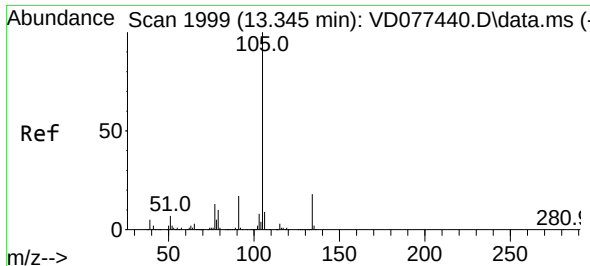


#84
1,2,4-Trimethylbenzene
Concen: 149.435 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



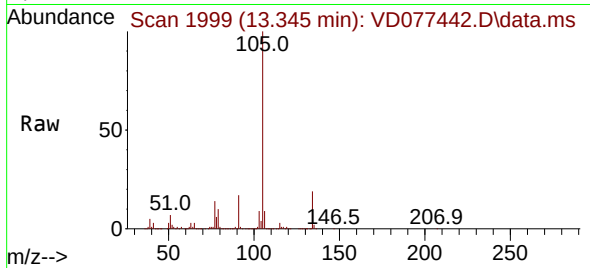
Tgt Ion:105 Resp: 2444142
Ion Ratio Lower Upper
105 100
120 43.6 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 151.075 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

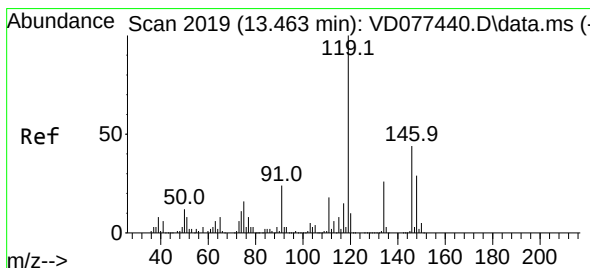
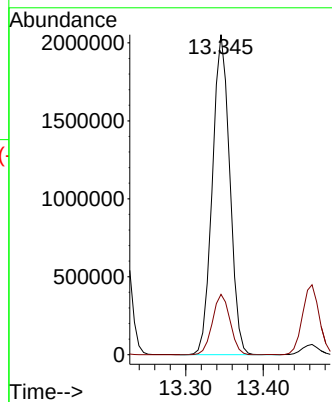
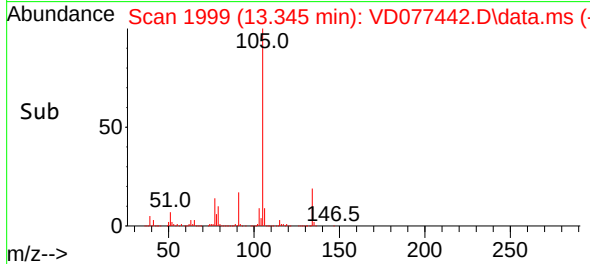
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



Tgt Ion:105 Resp: 3199900
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9

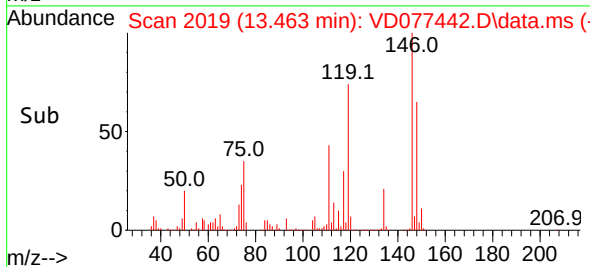
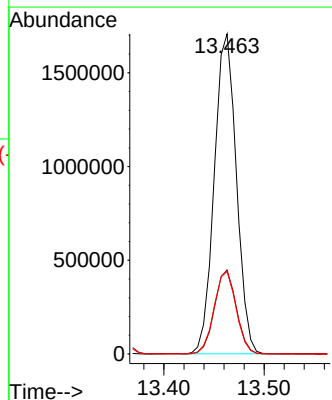
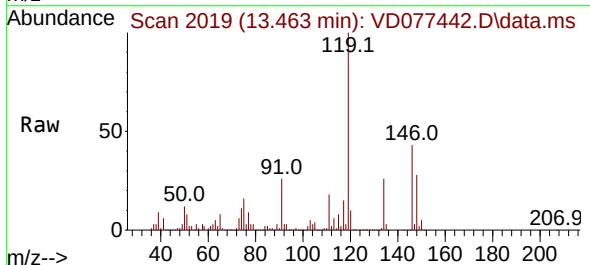
Manual Integrations
 APPROVED

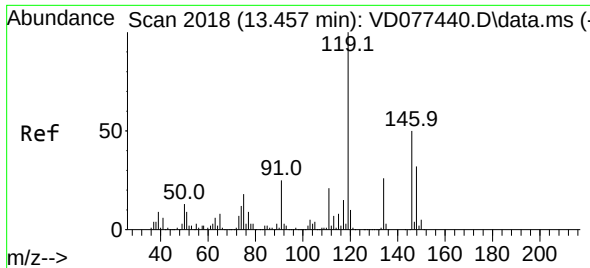
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 151.863 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

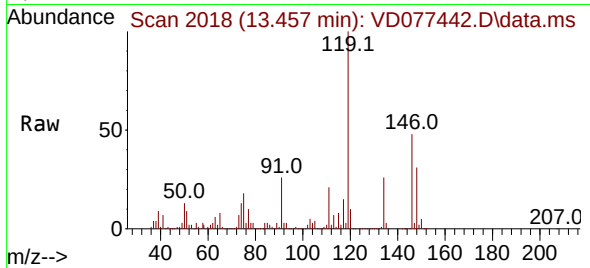
Tgt Ion:119 Resp: 2614542
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 25.5 10.5 31.5





#87
 1,3-Dichlorobenzene
 Concen: 148.356 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

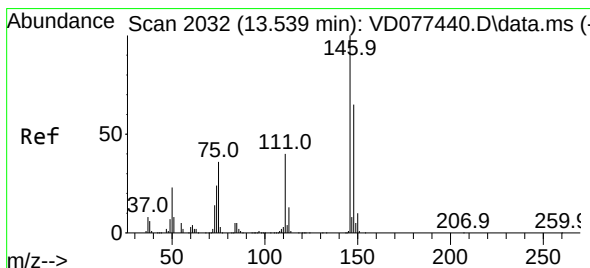
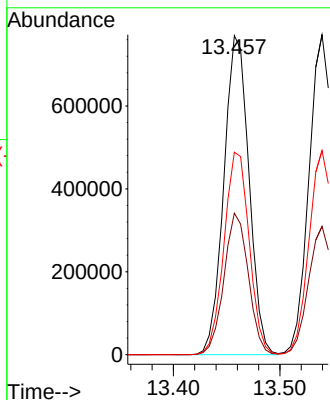
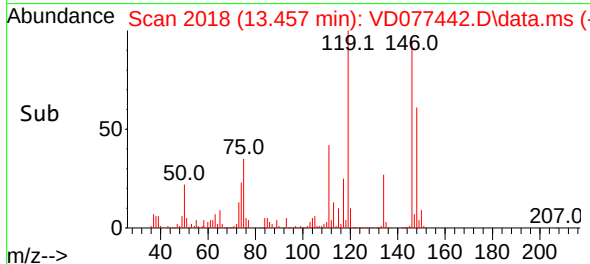
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



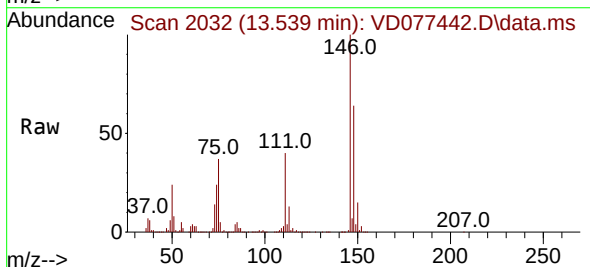
Tgt Ion:146 Resp: 1259564
 Ion Ratio Lower Upper
 146 100
 111 43.1 17.9 53.8
 148 63.7 32.3 96.8

Manual Integrations
 APPROVED

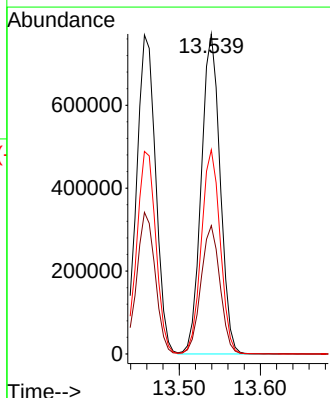
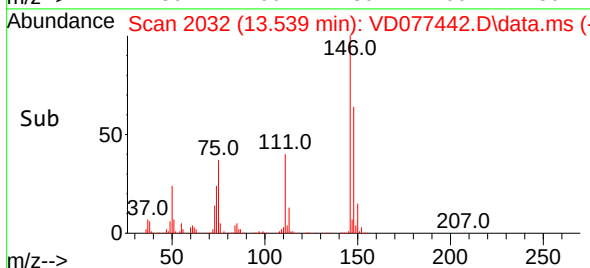
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

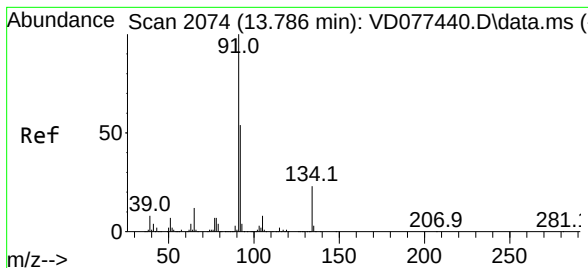


#88
 1,4-Dichlorobenzene
 Concen: 146.484 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02



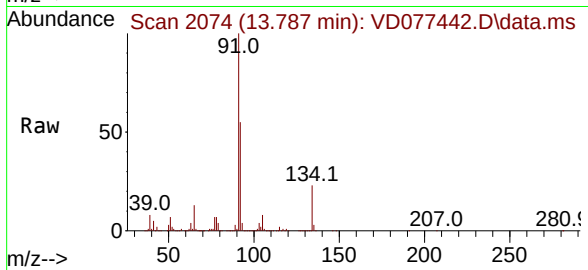
Tgt Ion:146 Resp: 1242566
 Ion Ratio Lower Upper
 146 100
 111 40.4 17.4 52.3
 148 63.8 31.7 95.1





#89
n-Butylbenzene
Concen: 151.352 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

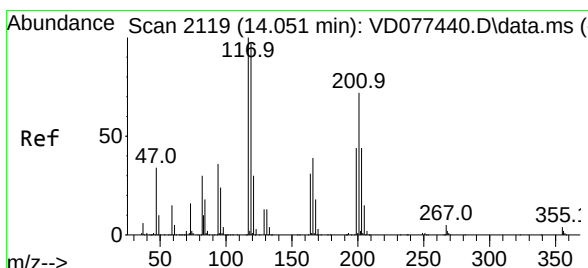
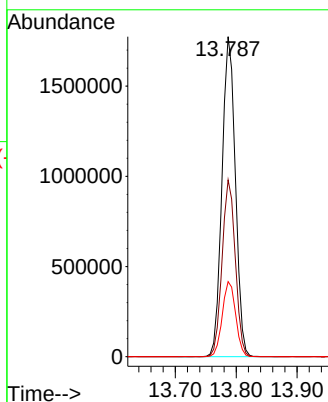
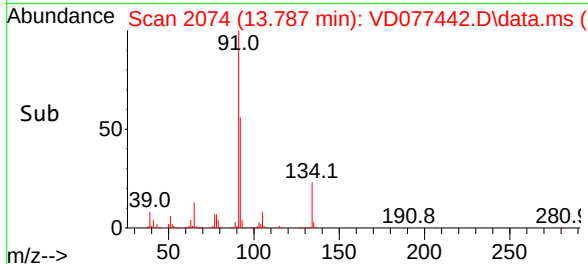
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 270834
Ion Ratio Lower Upper
91 100
92 54.5 26.5 79.5
134 23.5 13.8 41.3

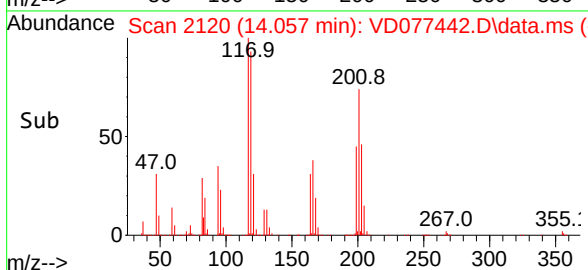
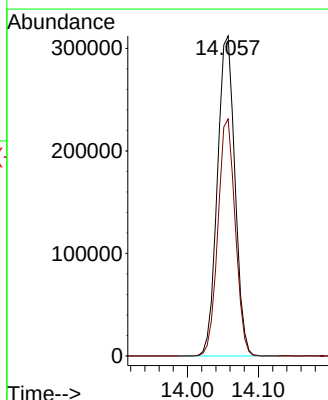
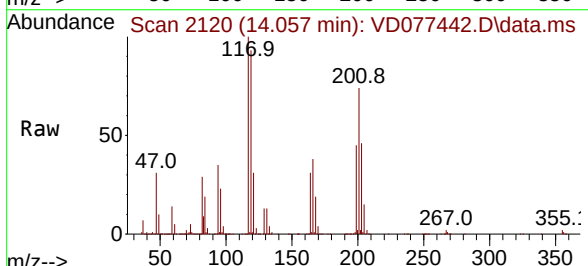
Manual Integrations
APPROVED

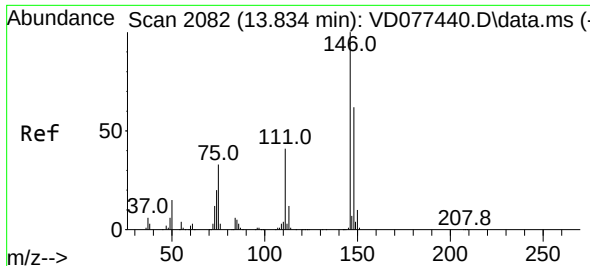
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 151.789 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

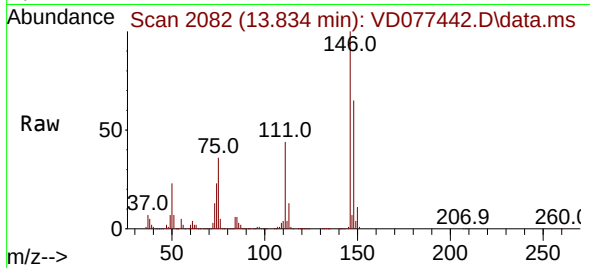
Tgt Ion:117 Resp: 534764
Ion Ratio Lower Upper
117 100
201 72.8 38.5 115.5





#91
 1,2-Dichlorobenzene
 Concen: 146.348 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

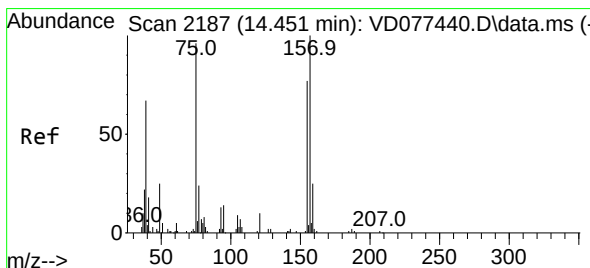
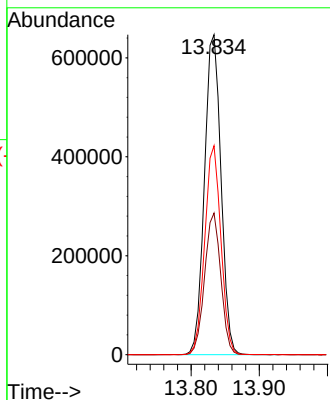
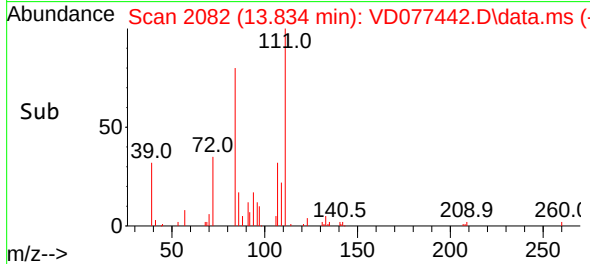
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



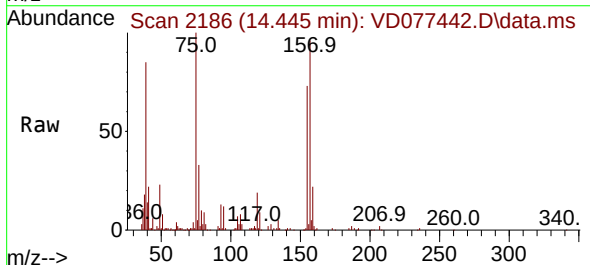
Tgt Ion:146 Resp: 109195
 Ion Ratio Lower Upper
 146 100
 111 43.4 18.3 54.8
 148 63.8 31.6 94.7

Manual Integrations
 APPROVED

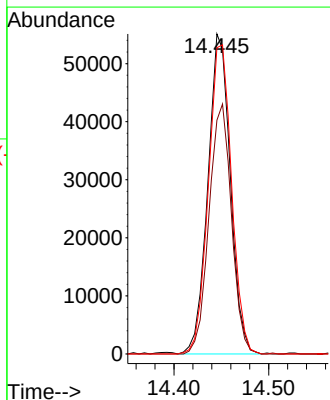
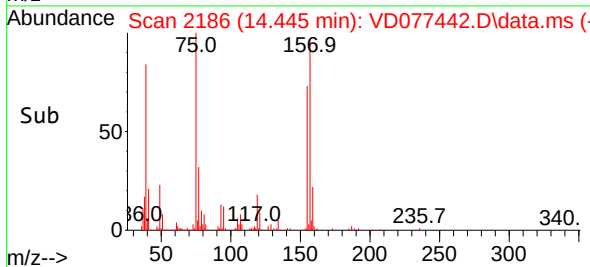
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

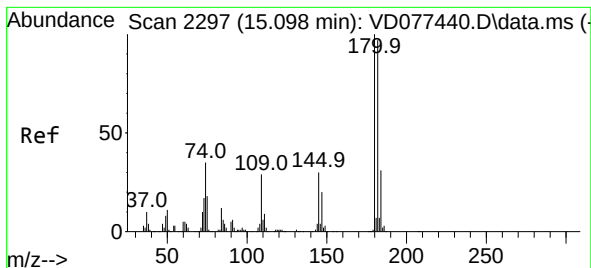


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 140.090 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02



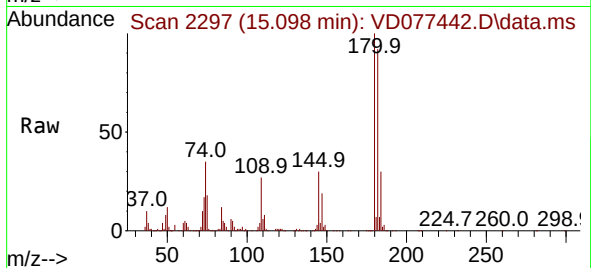
Tgt Ion: 75 Resp: 90779
 Ion Ratio Lower Upper
 75 100
 155 78.0 47.9 143.8
 157 99.9 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 152.566 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02

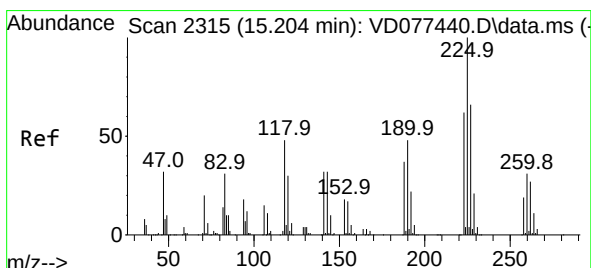
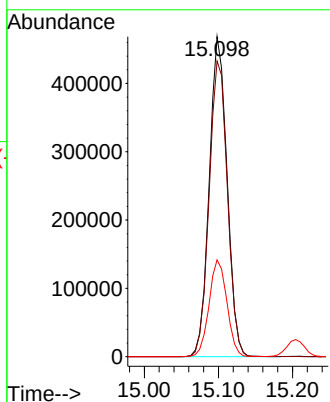
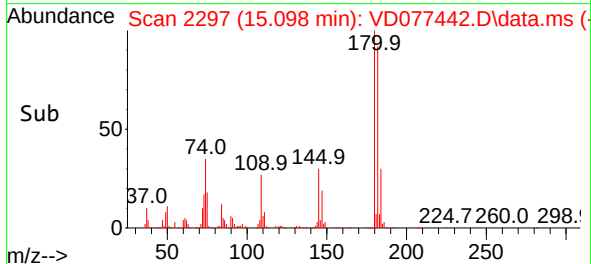
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



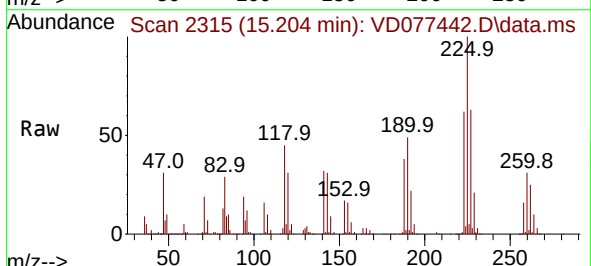
Tgt Ion:180 Resp: 782030
Ion Ratio Lower Upper
180 100
182 94.8 48.5 145.6
145 30.3 14.2 42.6

Manual Integrations
APPROVED

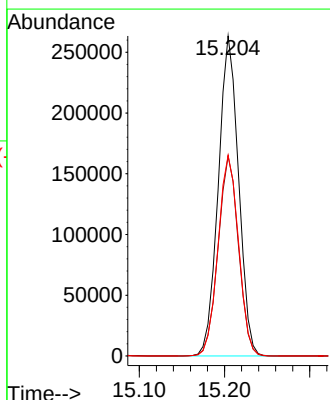
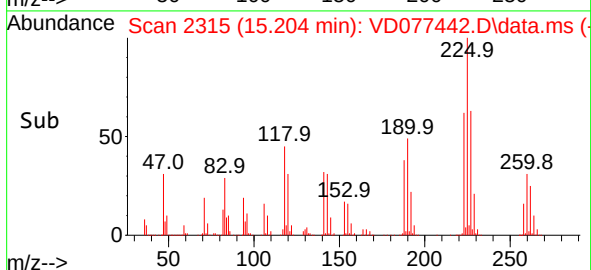
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

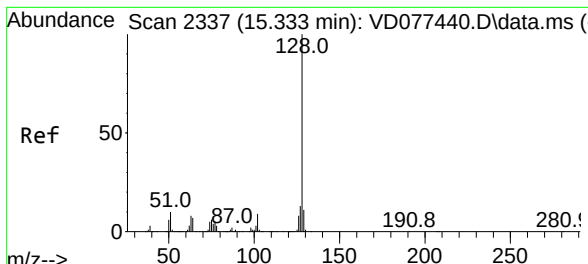


#94
Hexachlorobutadiene
Concen: 157.095 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077442.D
Acq: 30 Oct 2023 12:02



Tgt Ion:225 Resp: 434355
Ion Ratio Lower Upper
225 100
223 62.6 31.6 94.8
227 63.6 31.7 95.1





#95
 Naphthalene
 Concen: 150.358 ug/l
 RT: 15.334 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

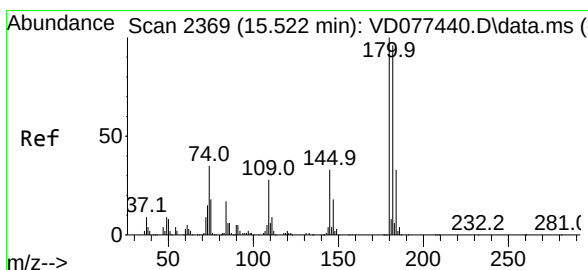
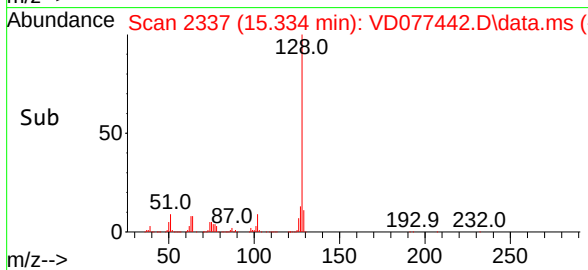
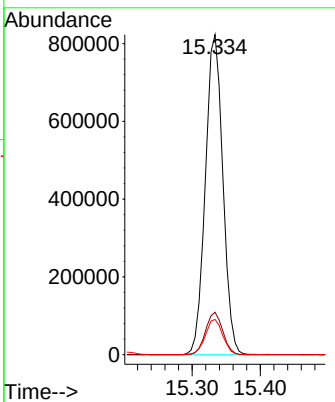
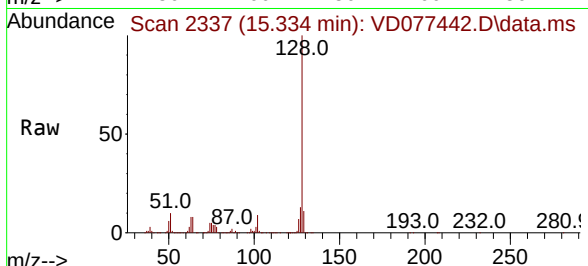
Instrument : MSVOA_D
 ClientSampleId : VSTDIC150

Tgt Ion:128 Resp: 1470250

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	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: 151.756 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077442.D
 Acq: 30 Oct 2023 12:02

Tgt Ion:180 Resp: 671452

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.9
145	32.3	15.1	45.3

