

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077349.D
 Acq On : 19 Oct 2023 11:30
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 03:04:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	193030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	322803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87751	50.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.820%		
35) Dibromofluoromethane	7.811	113	102529	45.210	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.420%		
50) Toluene-d8	10.269	98	386841	47.630	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.260%		
62) 4-Bromofluorobenzene	12.575	95	110395	47.219	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	117602	65.532	ug/l	100
3) Chloromethane	2.152	50	207472	56.773	ug/l	100
4) Vinyl Chloride	2.287	62	257402	59.629	ug/l	97
5) Bromomethane	2.699	94	153690	55.403	ug/l	98
6) Chloroethane	2.840	64	172970	56.999	ug/l	99
7) Trichlorofluoromethane	3.181	101	269579	61.561	ug/l	99
8) Diethyl Ether	3.593	74	64844	55.248	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	108327	47.815	ug/l	97
10) Methyl Iodide	4.170	142	114946	41.465	ug/l	91
11) Tert butyl alcohol	5.052	59	24580	253.504	ug/l	97
12) 1,1-Dichloroethene	3.946	96	102191	45.980	ug/l	96
13) Acrolein	3.793	56	38100	226.361	ug/l	98
14) Allyl chloride	4.564	41	110758	52.522	ug/l	95
15) Acrylonitrile	5.258	53	103407	290.733	ug/l	99
16) Acetone	4.017	43	98446	260.457	ug/l	90
17) Carbon Disulfide	4.270	76	317310	48.567	ug/l	100
18) Methyl Acetate	4.558	43	70613	53.679	ug/l	94
19) Methyl tert-butyl Ether	5.317	73	211929	55.984	ug/l	100
20) Methylene Chloride	4.805	84	125052	55.156	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	119812	51.830	ug/l	99
22) Diisopropyl ether	6.216	45	254058	61.373	ug/l	97
23) Vinyl Acetate	6.152	43	612257	315.604	ug/l	97
24) 1,1-Dichloroethane	6.117	63	185144	53.793	ug/l	99
25) 2-Butanone	7.081	43	117219	298.964	ug/l	99
26) 2,2-Dichloropropane	7.075	77	162984	51.935	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	131928	50.899	ug/l	99
28) Bromochloromethane	7.428	49	69561	55.328	ug/l	93
29) Tetrahydrofuran	7.446	42	69642	307.913	ug/l	98
30) Chloroform	7.593	83	204486	51.782	ug/l	95
31) Cyclohexane	7.881	56	148510	55.378	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	176441	51.791	ug/l	97
36) 1,1-Dichloropropene	8.005	75	155511	52.187	ug/l	98
37) Ethyl Acetate	7.158	43	52888	56.502	ug/l #	91
38) Carbon Tetrachloride	7.993	117	158197	47.723	ug/l	100
39) Methylcyclohexane	9.275	83	183758	50.750	ug/l	99
40) Benzene	8.252	78	453196	50.115	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	23568	52.758	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	108233	50.813	ug/l	98
43) Isopropyl Acetate	8.358	43	96007	56.974	ug/l	95
44) Trichloroethene	9.028	130	120874	45.718	ug/l	93
45) 1,2-Dichloropropane	9.305	63	105737	50.724	ug/l	98
46) Dibromomethane	9.393	93	63632	48.827	ug/l	94
47) Bromodichloromethane	9.587	83	152191	48.975	ug/l	98
48) Methyl methacrylate	9.381	41	44019	57.744	ug/l	90
49) 1,4-Dioxane	9.381	88	13227	1031.975	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	250082	296.056	ug/l	97
52) Toluene	10.334	92	296882	50.282	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	141262	50.642	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	175652	51.467	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	89690	49.689	ug/l	97
56) Ethyl methacrylate	10.599	69	94009	54.497	ug/l	99
57) 1,3-Dichloropropane	10.881	76	140723	50.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	283303	332.097	ug/l	99
59) 2-Hexanone	10.922	43	177339	292.308	ug/l	96
60) Dibromochloromethane	11.075	129	105329	45.700	ug/l	94
61) 1,2-Dibromoethane	11.181	107	81909	48.157	ug/l	100
64) Tetrachloroethene	10.810	164	99438	45.233	ug/l	93
65) Chlorobenzene	11.610	112	306142	47.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	113010	46.114	ug/l	98
67) Ethyl Benzene	11.687	91	550232	51.486	ug/l	96
68) m/p-Xylenes	11.793	106	445690	101.559	ug/l	95
69) o-Xylene	12.122	106	201827	49.959	ug/l	97
70) Styrene	12.134	104	353404	51.273	ug/l	98
71) Bromoform	12.299	173	61207	45.561	ug/l #	98
73) Isopropylbenzene	12.422	105	534206	52.550	ug/l	96
74) N-amyl acetate	12.234	43	87539	59.859	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	100190	54.237	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	55935m	28.079	ug/l	
77) Bromobenzene	12.704	156	126406	47.364	ug/l	96
78) n-propylbenzene	12.763	91	655838	53.570	ug/l	96
79) 2-Chlorotoluene	12.851	91	341846	51.264	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	437025	52.096	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	33661	58.688	ug/l	93
82) 4-Chlorotoluene	12.951	91	360779	51.967	ug/l	98
83) tert-Butylbenzene	13.169	119	379917	51.082	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	442880	52.436	ug/l	97
85) sec-Butylbenzene	13.346	105	590680	52.778	ug/l	96
86) p-Isopropyltoluene	13.463	119	497069	51.124	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	265874	47.338	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	257717	46.304	ug/l	97
89) n-Butylbenzene	13.787	91	469934	55.507	ug/l	97
90) Hexachloroethane	14.057	117	97160	49.436	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	224524	47.323	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13357	59.075	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	134428	45.475	ug/l	97
94) Hexachlorobutadiene	15.204	225	69783	41.566	ug/l	99
95) Naphthalene	15.334	128	251211	50.332	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	115841	45.148	ug/l	98

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

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

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Manual Integrations

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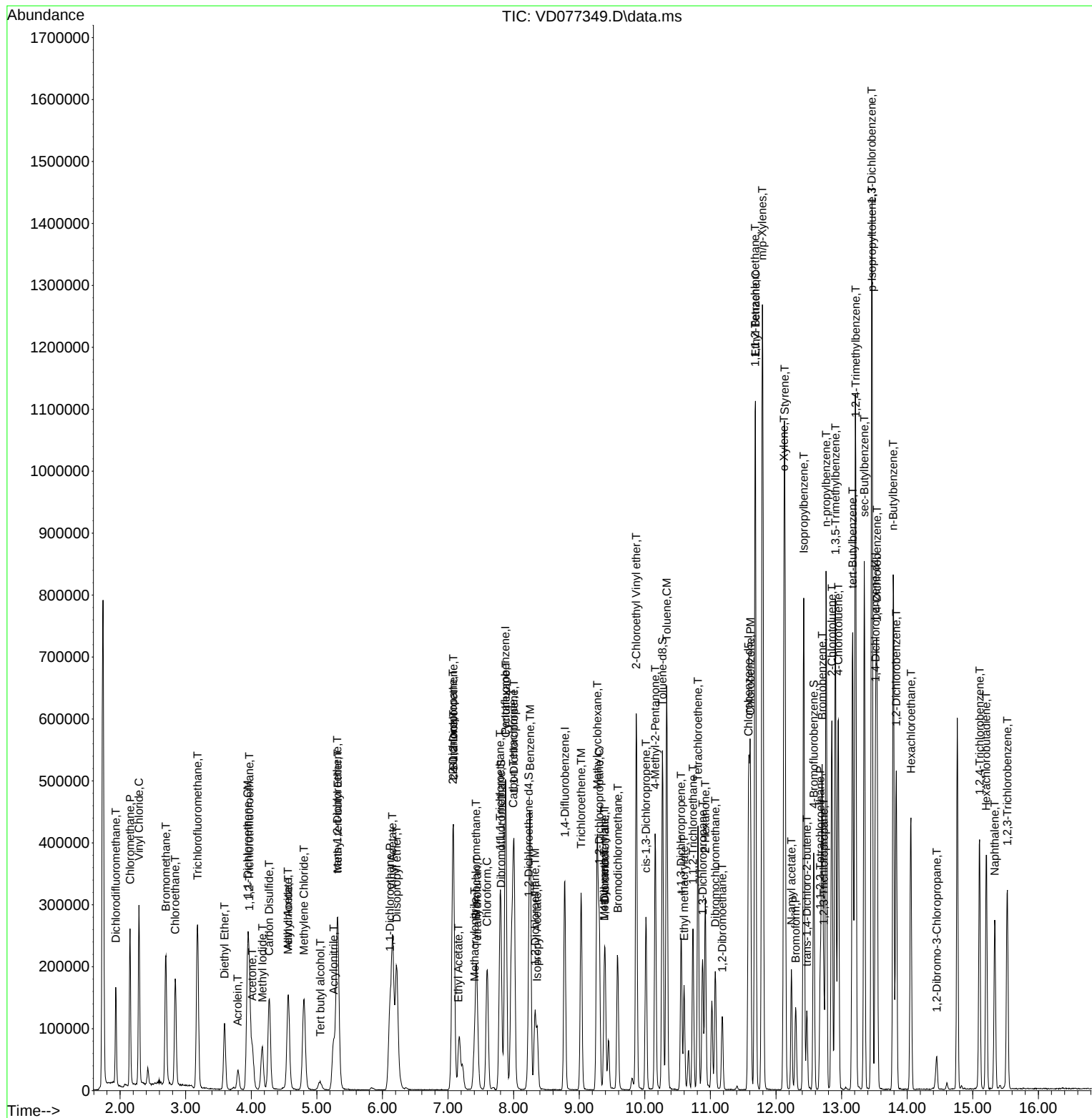
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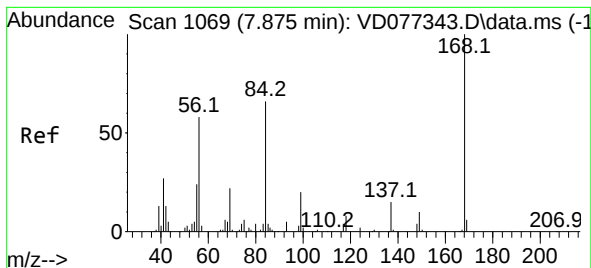
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Quant Title : SW846 8260

QLast Update : Wed Oct 18 03:02:43 2023

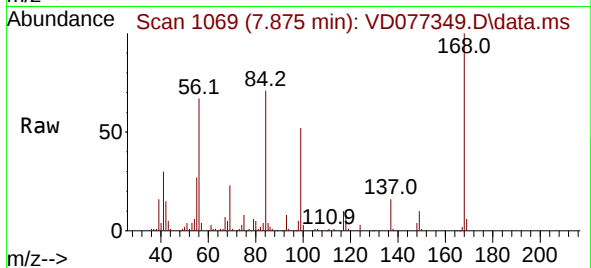
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077349.D
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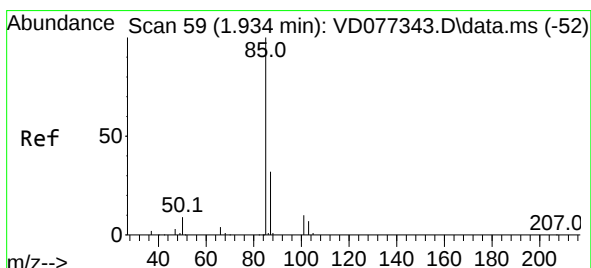
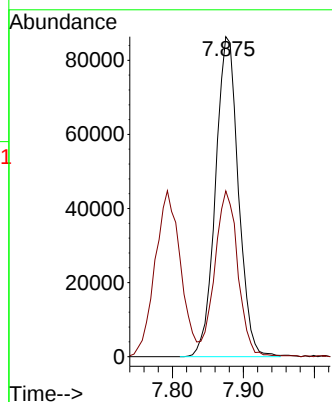
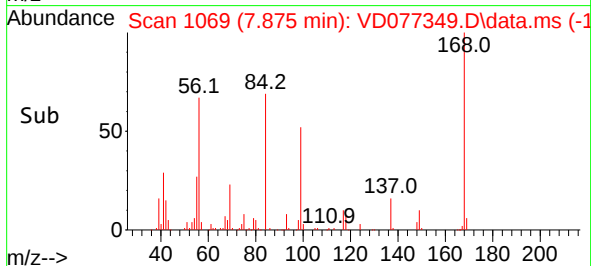
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 193030
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1

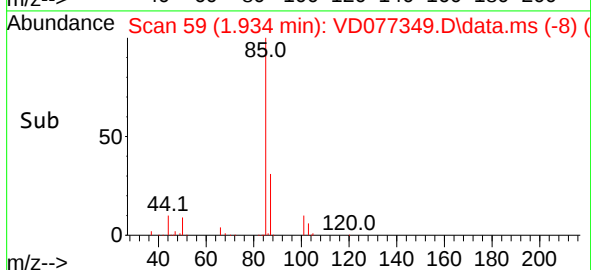
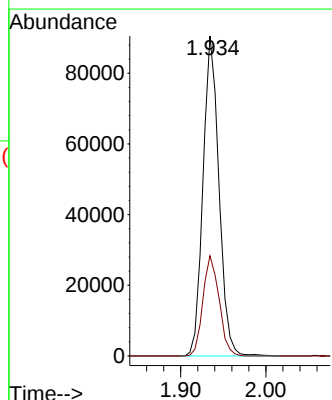
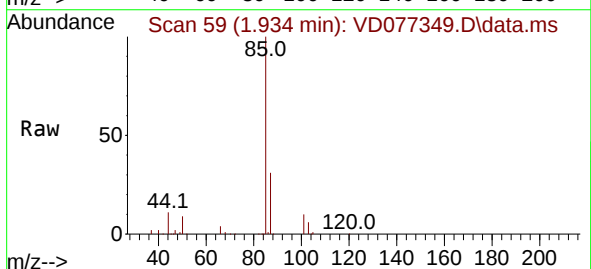
Manual Integrations
APPROVED

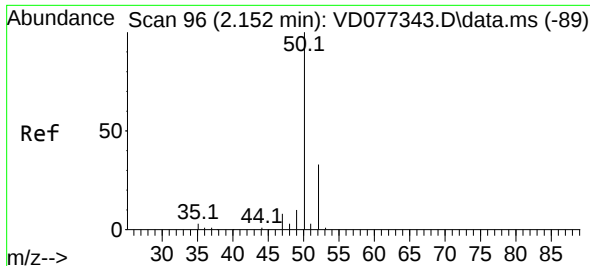
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 65.532 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

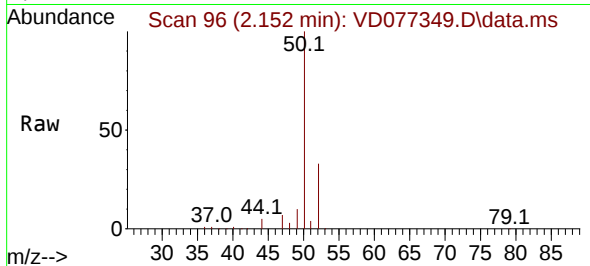
Tgt Ion: 85 Resp: 117602
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0





#3
Chloromethane
Concen: 56.773 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

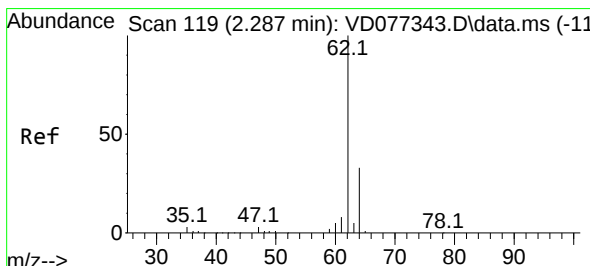
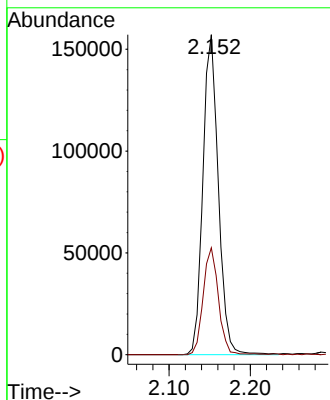
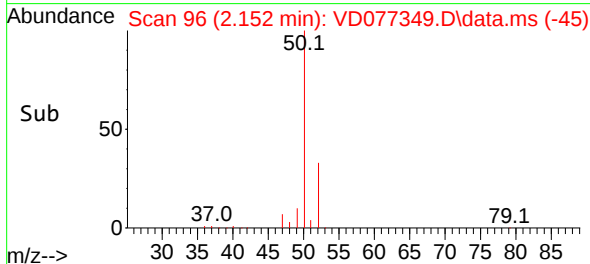
Instrument :
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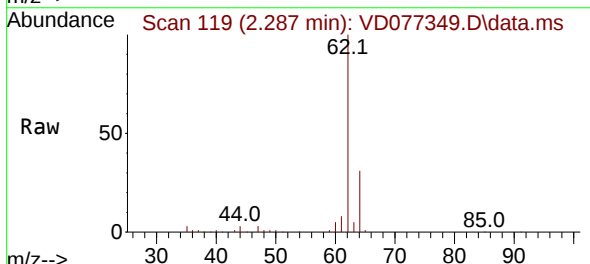
Tgt Ion: 50 Resp: 207472
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

Manual Integrations
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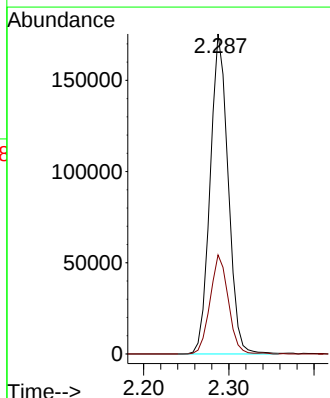
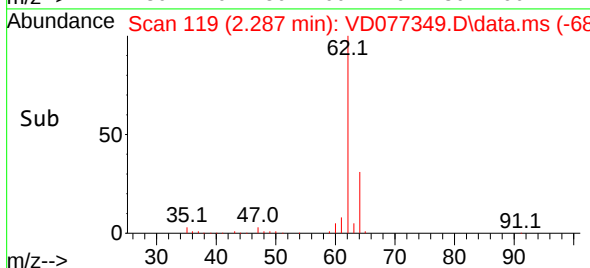
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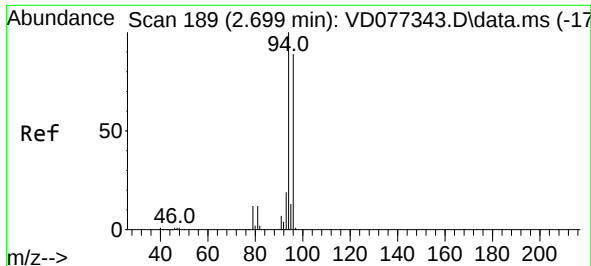


#4
Vinyl Chloride
Concen: 59.629 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



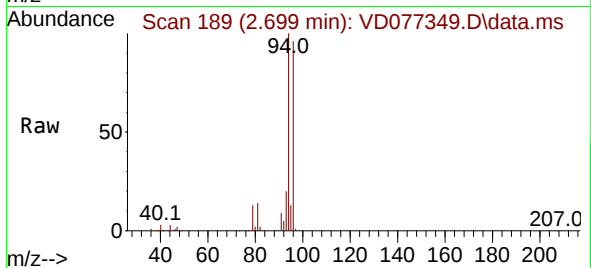
Tgt Ion: 62 Resp: 257402
Ion Ratio Lower Upper
62 100
64 30.9 26.0 39.0





#5
Bromomethane
Concen: 55.403 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

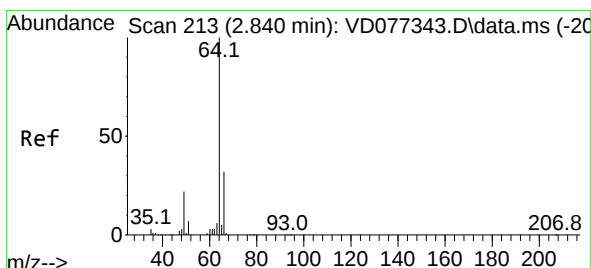
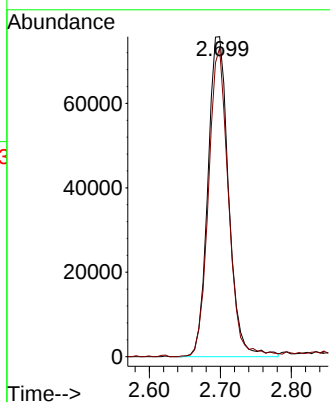
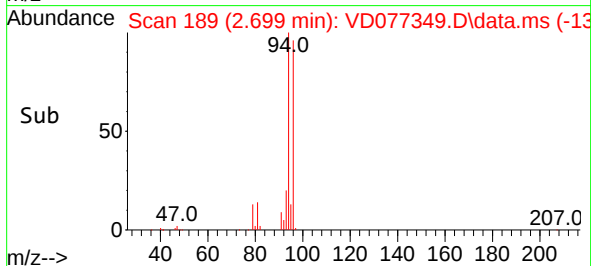
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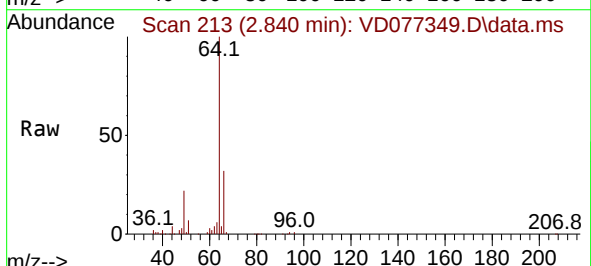
Tgt Ion: 94 Resp: 153690
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8

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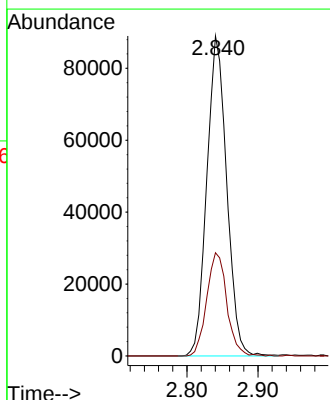
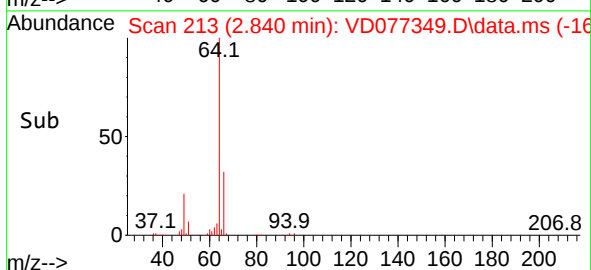
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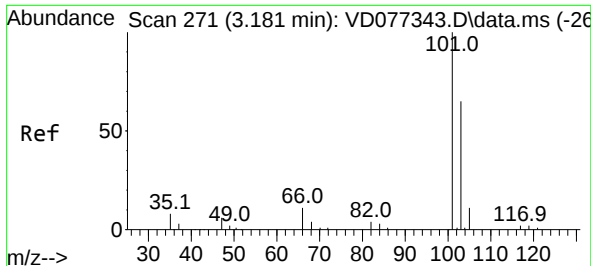


#6
Chloroethane
Concen: 56.999 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



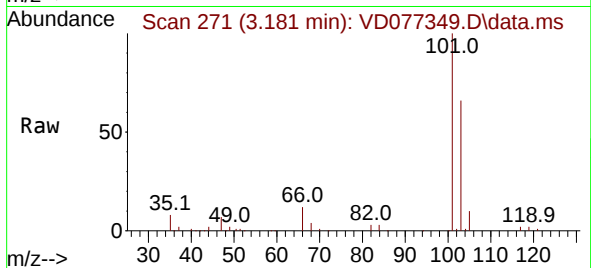
Tgt Ion: 64 Resp: 172970
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3





#7
Trichlorofluoromethane
Concen: 61.561 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

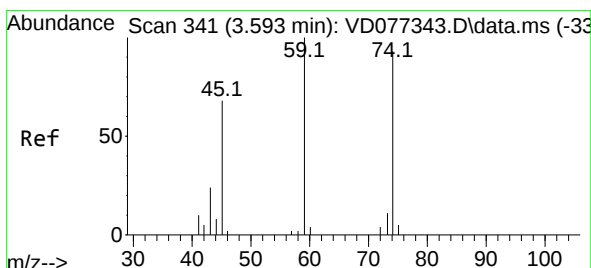
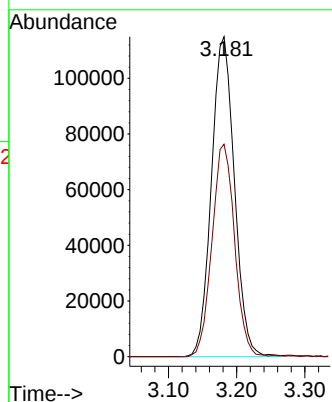
Instrument :
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Tgt Ion:101 Resp: 269579
Ion Ratio Lower Upper
101 100
103 66.4 52.3 78.5

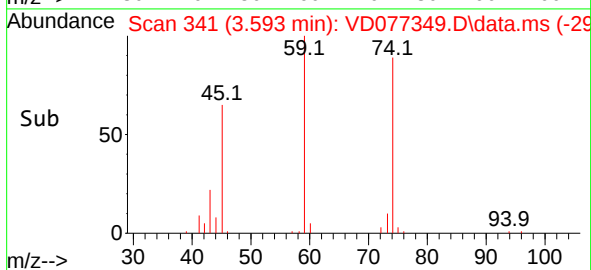
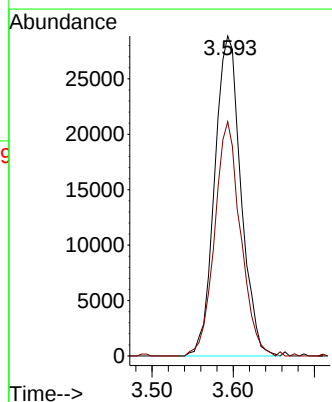
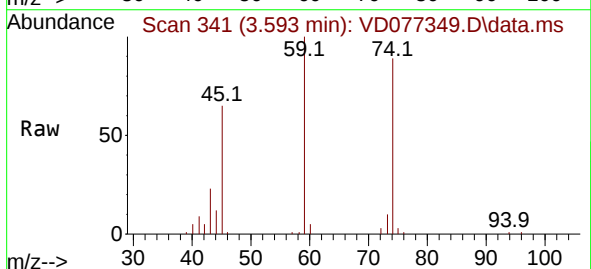
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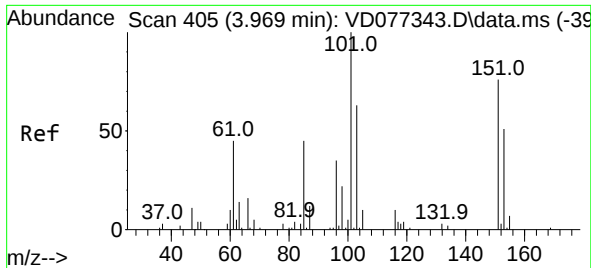
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 55.248 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion: 74 Resp: 64844
Ion Ratio Lower Upper
74 100
45 72.3 37.5 112.7





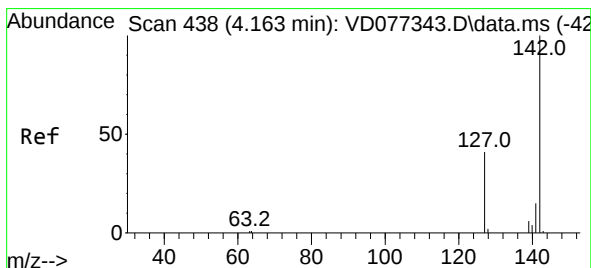
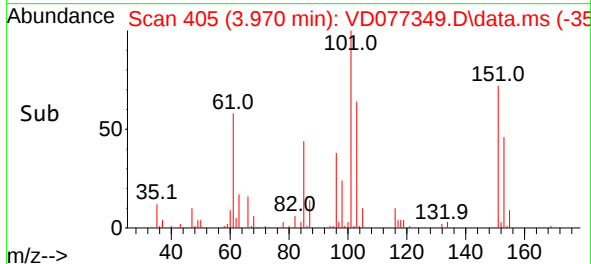
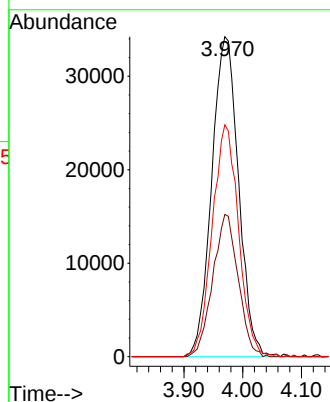
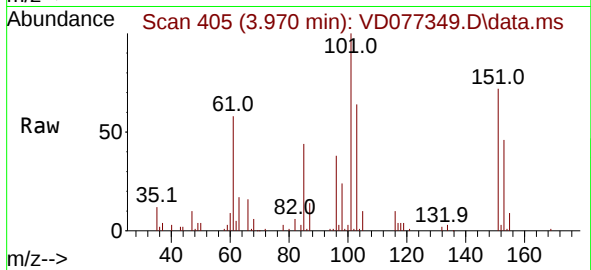
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.815 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10832
Ion Ratio Lower Upper
101 100
85 42.1 33.8 50.6
151 71.2 59.8 89.6

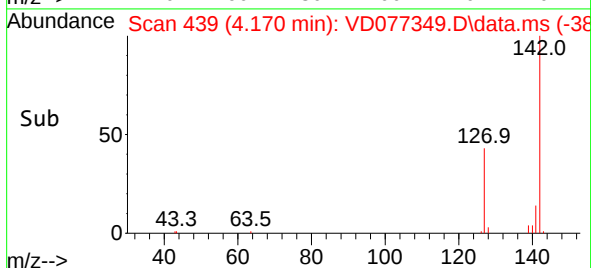
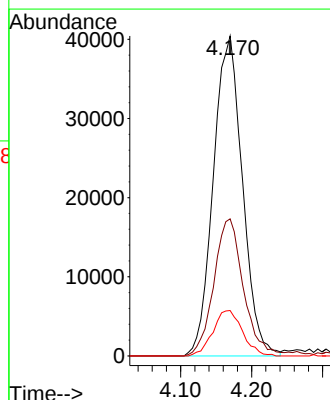
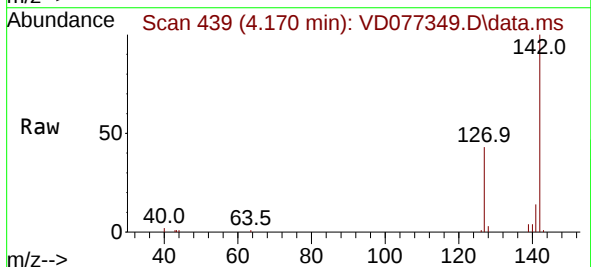
Manual Integrations
APPROVED

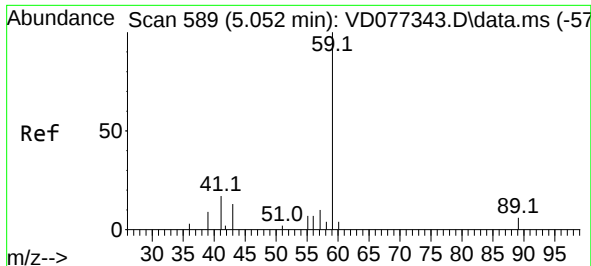
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 41.465 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.007 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

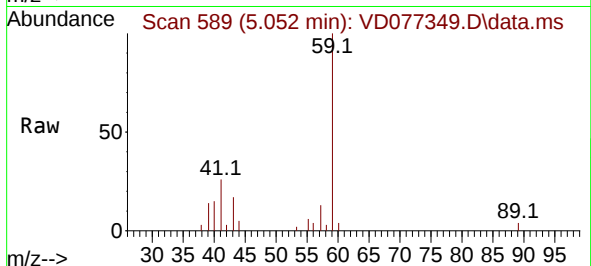
Tgt Ion:142 Resp: 114946
Ion Ratio Lower Upper
142 100
127 43.5 29.4 44.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 253.504 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

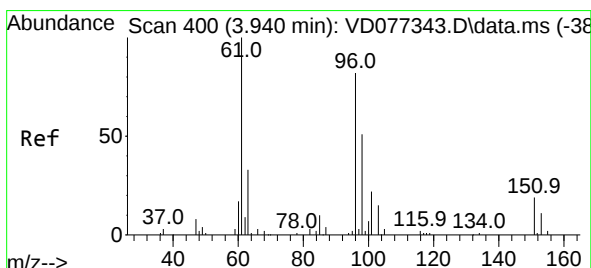
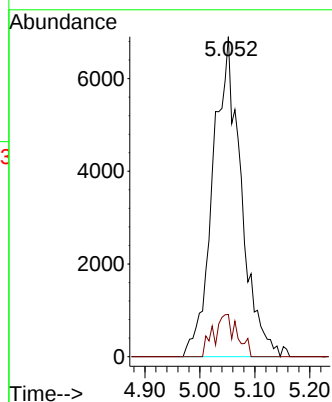
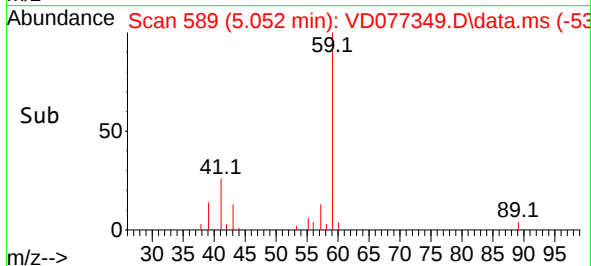
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



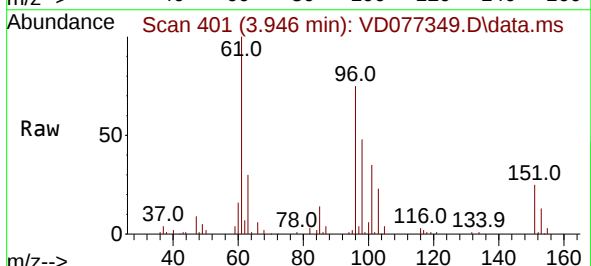
Tgt Ion: 59 Resp: 24580
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8

Manual Integrations
APPROVED

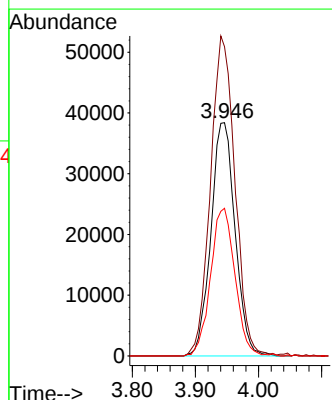
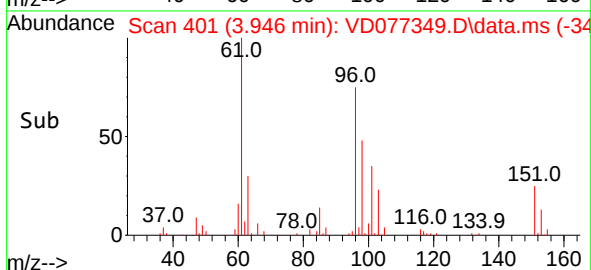
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

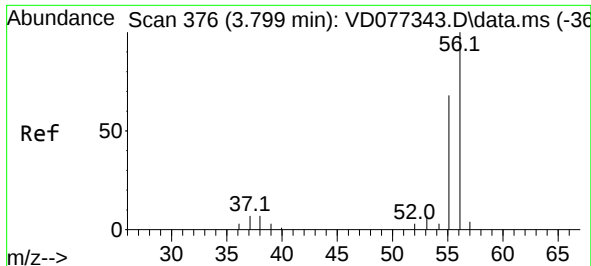


#12
1,1-Dichloroethene
Concen: 45.980 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



Tgt Ion: 96 Resp: 102191
Ion Ratio Lower Upper
96 100
61 132.7 100.6 150.8
98 63.3 50.2 75.2





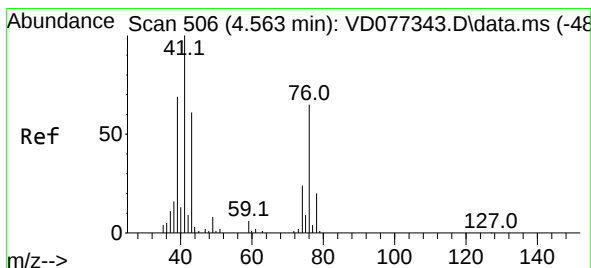
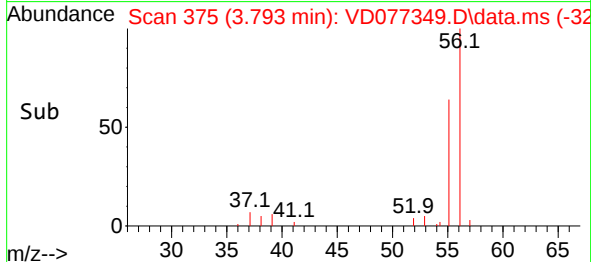
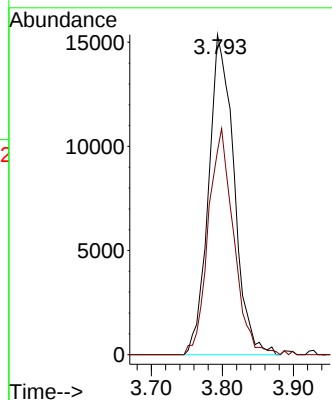
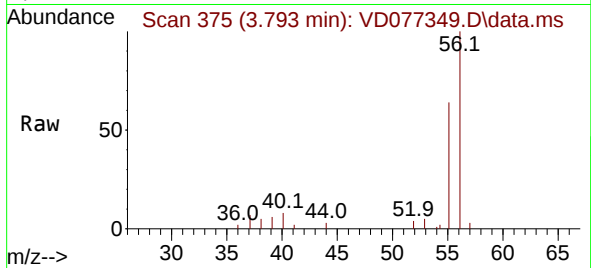
#13
Acrolein
Concen: 226.361 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 38100
Ion Ratio Lower Upper
56 100
55 70.5 55.1 82.7

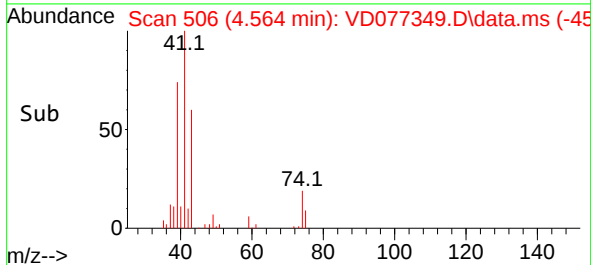
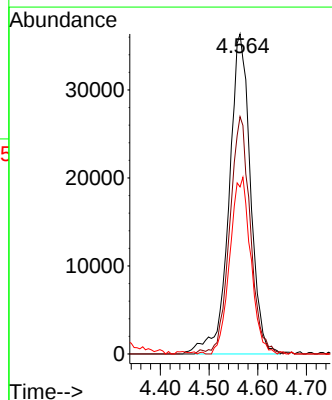
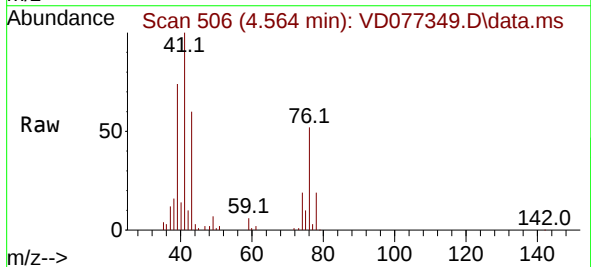
Manual Integrations
APPROVED

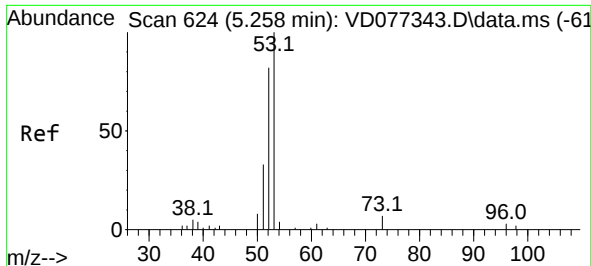
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 52.522 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

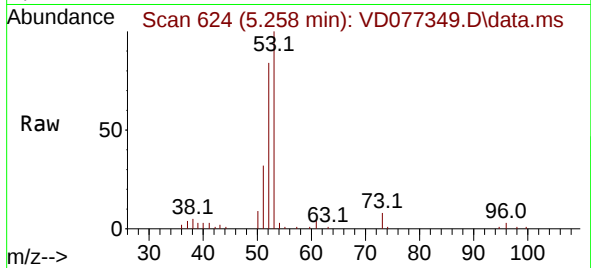
Tgt Ion: 41 Resp: 110758
Ion Ratio Lower Upper
41 100
39 71.2 53.8 80.6
76 54.0 45.8 68.8





#15
Acrylonitrile
Concen: 290.733 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

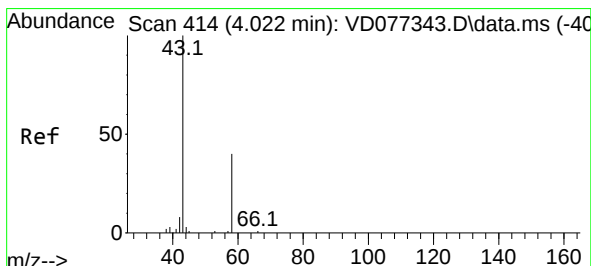
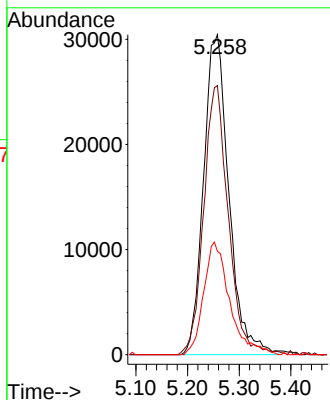
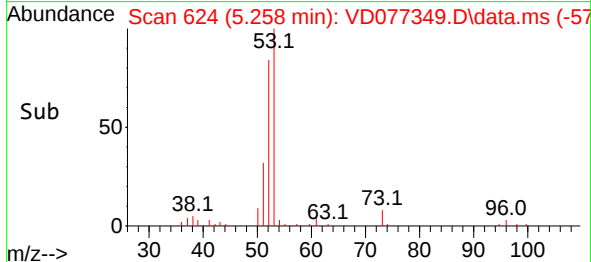
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



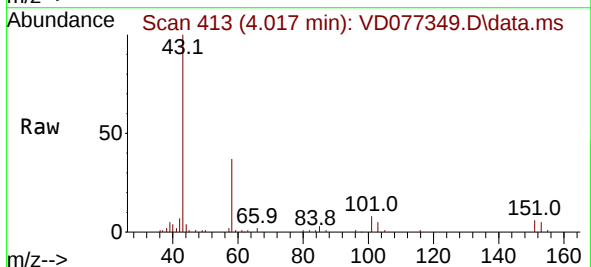
Tgt Ion: 53 Resp: 10340
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 36.2 28.3 42.5

Manual Integrations
APPROVED

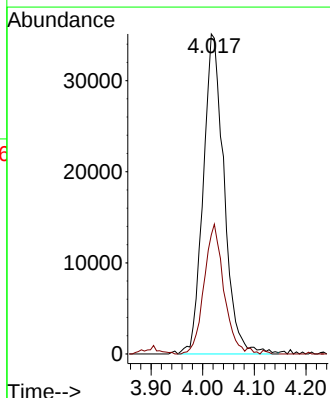
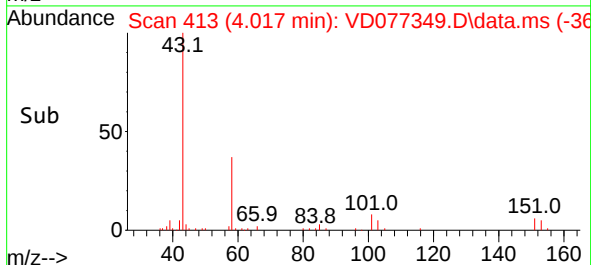
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

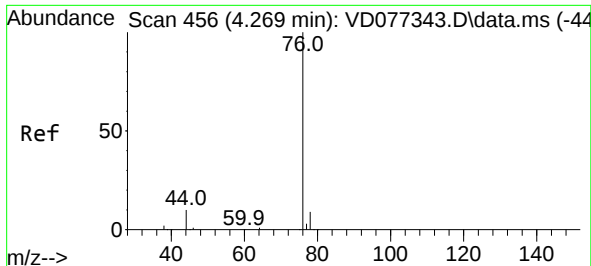


#16
Acetone
Concen: 260.457 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



Tgt Ion: 43 Resp: 98446
Ion Ratio Lower Upper
43 100
58 37.3 34.7 52.1





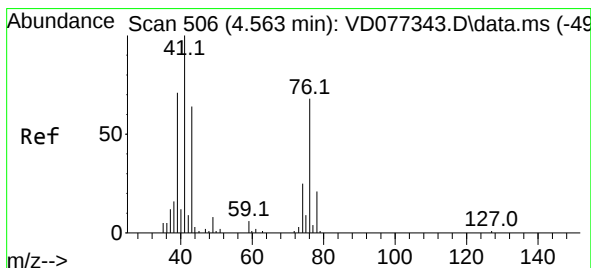
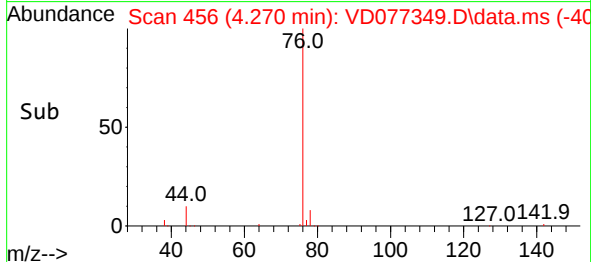
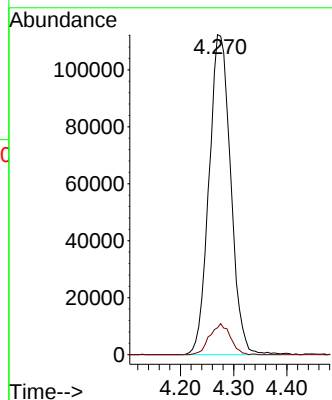
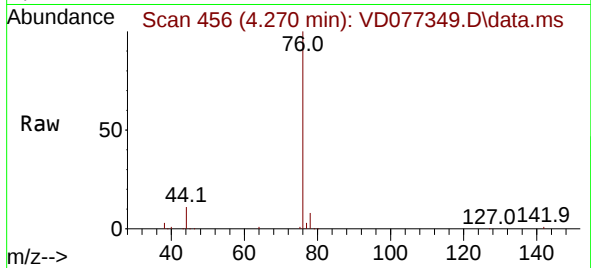
#17
Carbon Disulfide
Concen: 48.567 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 317310
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

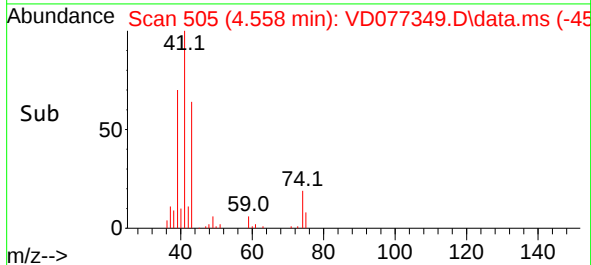
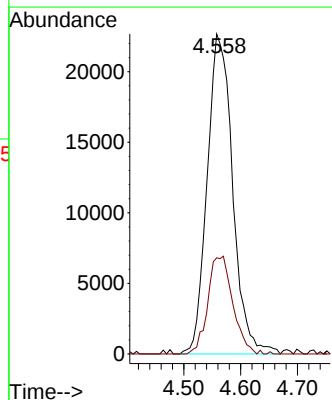
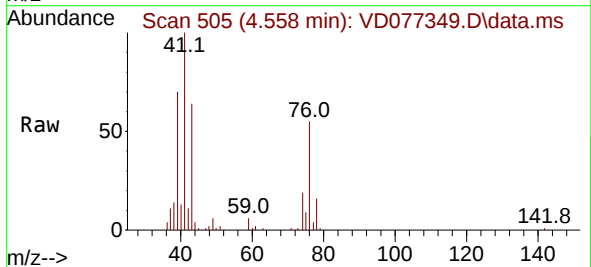
Manual Integrations
APPROVED

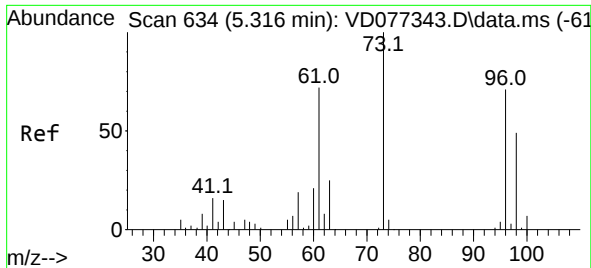
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 53.679 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion: 43 Resp: 70613
Ion Ratio Lower Upper
43 100
74 29.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 55.984 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.001 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 211929

Ion Ratio Lower Upper

73 100

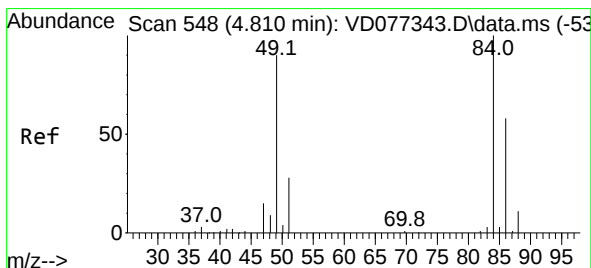
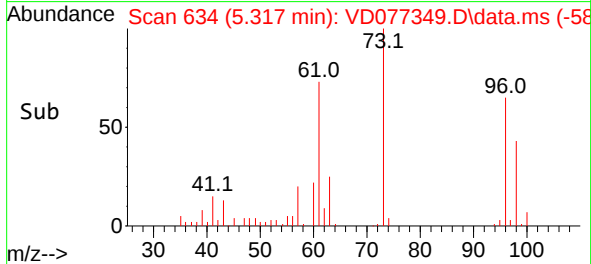
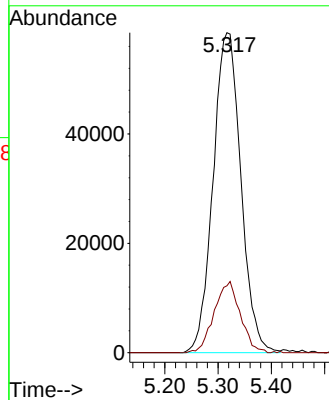
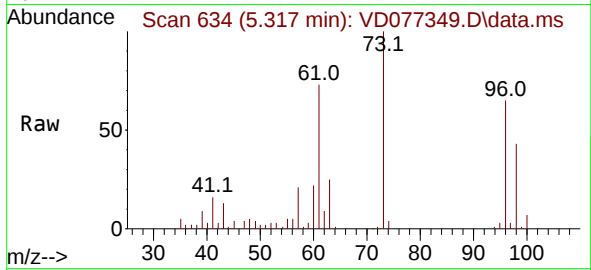
57 20.9 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#20

Methylene Chloride

Concen: 55.156 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Tgt Ion: 84 Resp: 125052

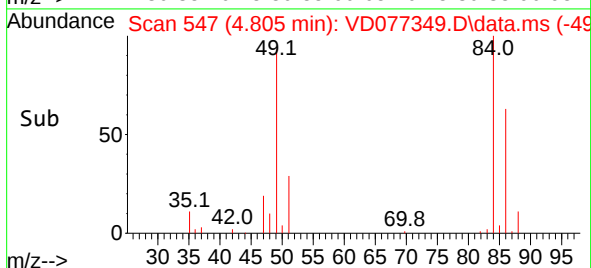
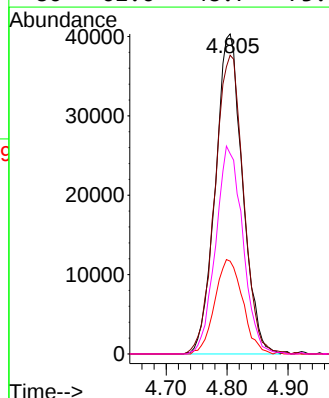
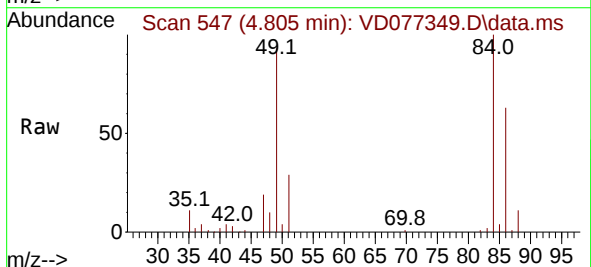
Ion Ratio Lower Upper

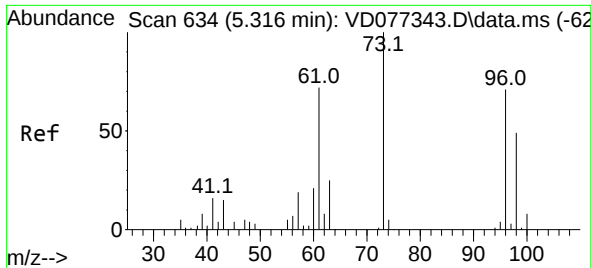
84 100

49 93.4 71.4 107.2

51 29.0 24.5 36.7

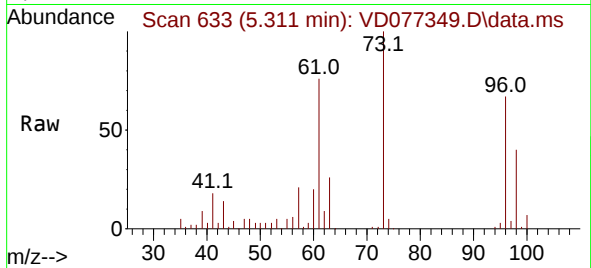
86 62.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 51.830 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

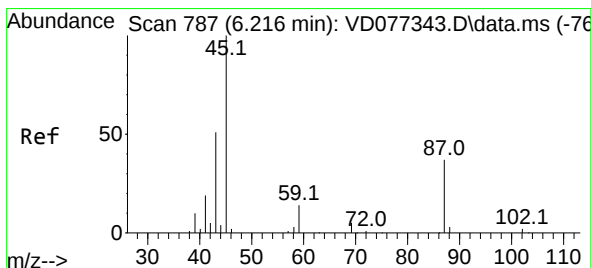
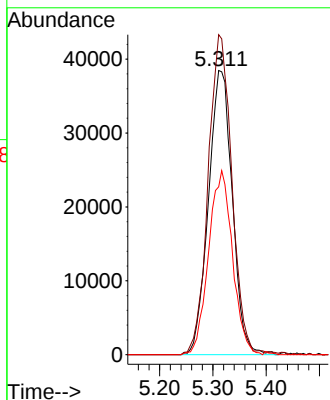
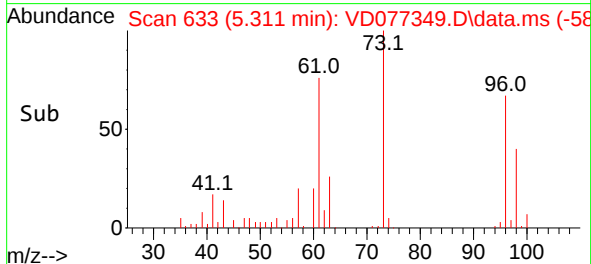
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



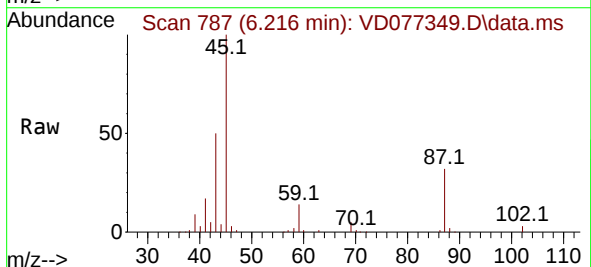
Tgt Ion: 96 Resp: 119812
Ion Ratio Lower Upper
96 100
61 112.6 89.3 133.9
98 59.1 48.6 73.0

Manual Integrations
APPROVED

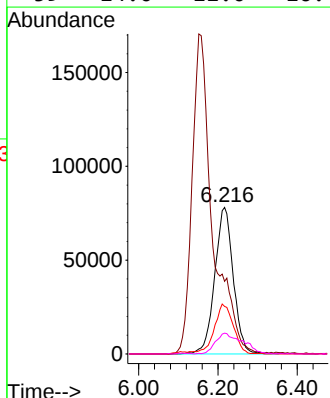
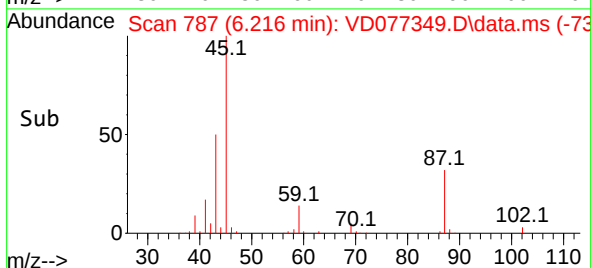
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

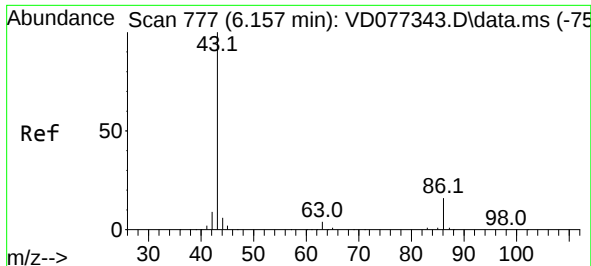


#22
Diisopropyl ether
Concen: 61.373 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



Tgt Ion: 45 Resp: 254058
Ion Ratio Lower Upper
45 100
43 48.6 40.0 60.0
87 32.4 28.2 42.4
59 14.0 11.0 16.4





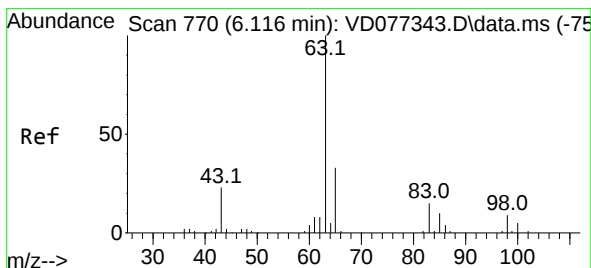
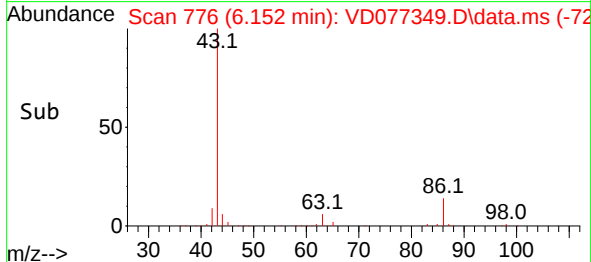
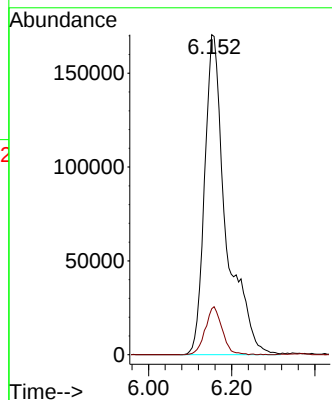
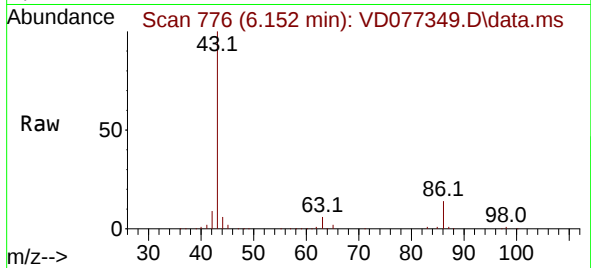
#23
 Vinyl Acetate
 Concen: 315.604 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD077349.D
 Acq: 19 Oct 2023 11:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 61225
 Ion Ratio Lower Upper
 43 100
 86 14.3 12.5 18.7

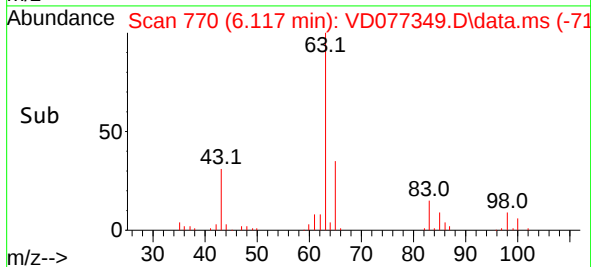
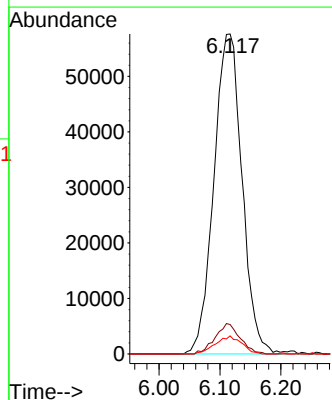
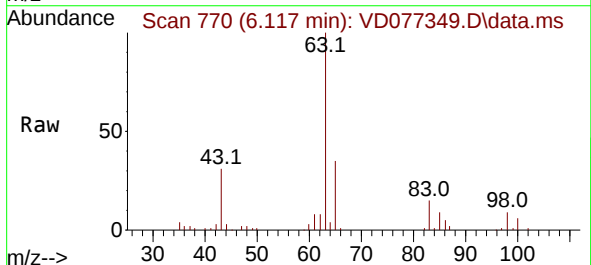
Manual Integrations
 APPROVED

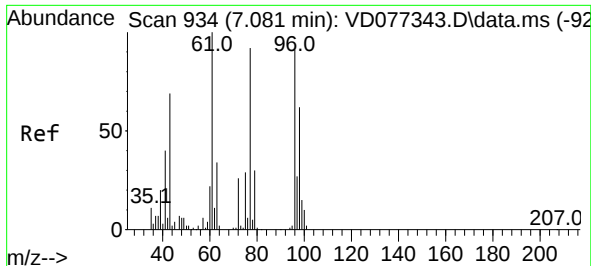
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 53.793 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.001 min
 Lab File: VD077349.D
 Acq: 19 Oct 2023 11:30

Tgt Ion: 63 Resp: 185144
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.5 13.7
 100 5.7 2.5 7.5





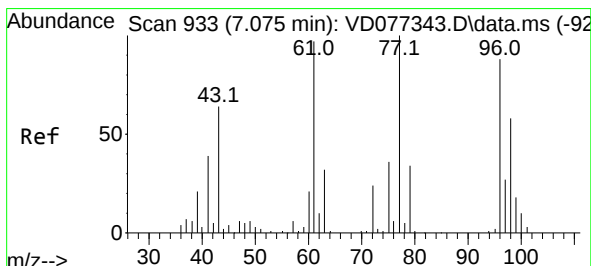
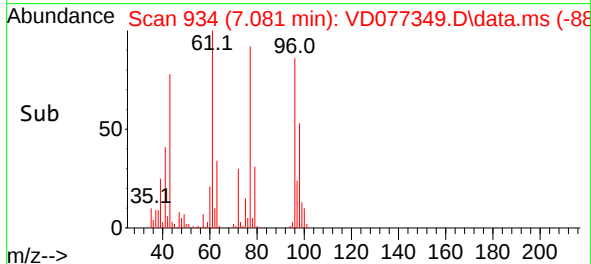
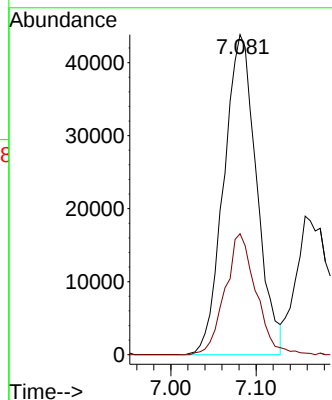
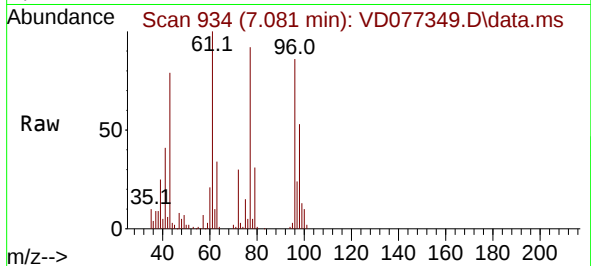
#25
2-Butanone
Concen: 298.964 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 117219
Ion Ratio Lower Upper
43 100
72 37.8 30.7 46.1

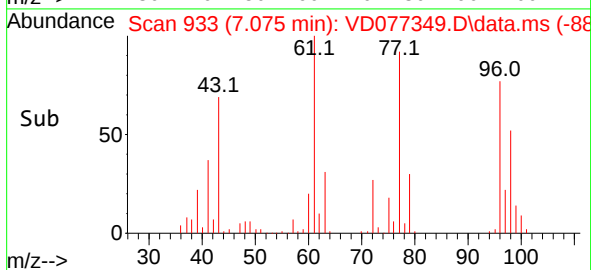
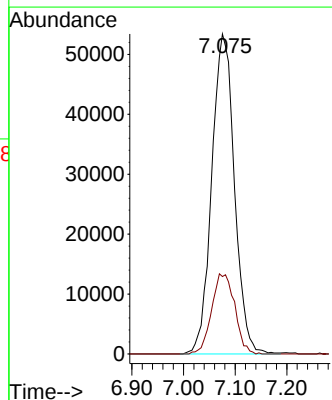
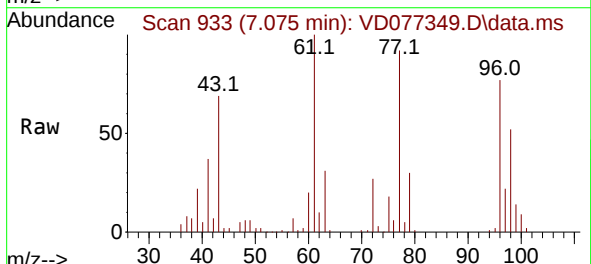
Manual Integrations
APPROVED

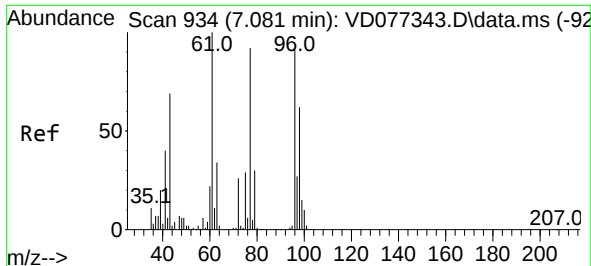
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 51.935 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

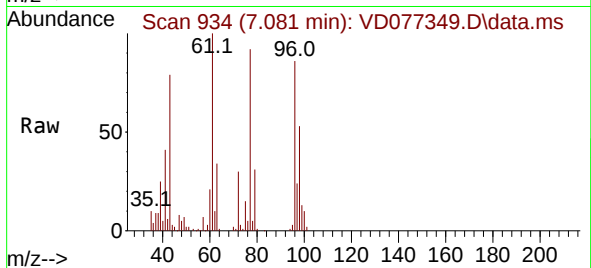
Tgt Ion: 77 Resp: 162984
Ion Ratio Lower Upper
77 100
97 25.5 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 50.899 ug/l
RT: 7.081 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

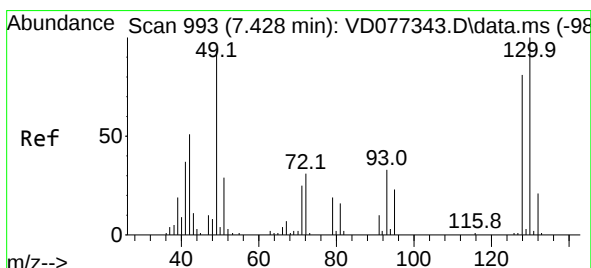
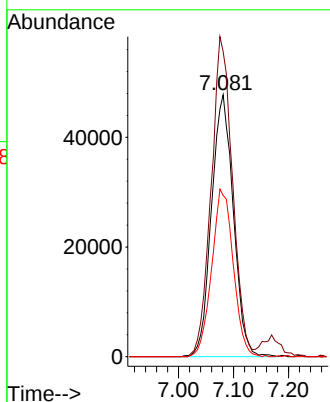
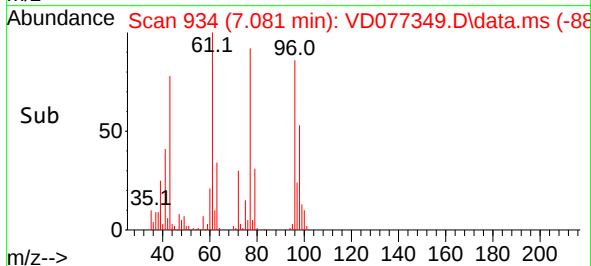
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 131928
Ion Ratio Lower Upper
96 100
61 119.1 0.0 239.2
98 63.1 0.0 128.6

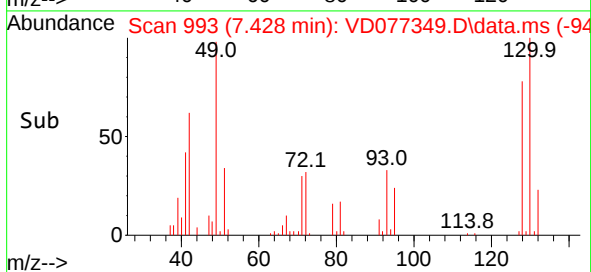
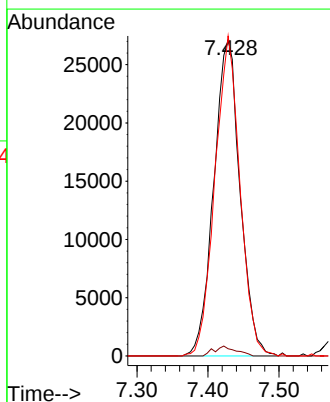
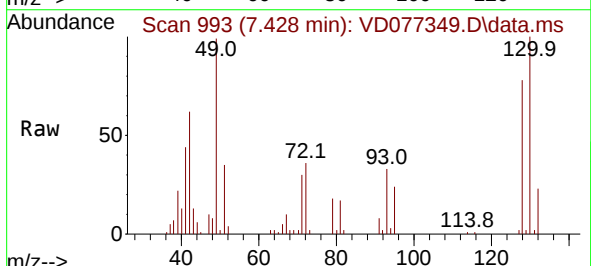
Manual Integrations
APPROVED

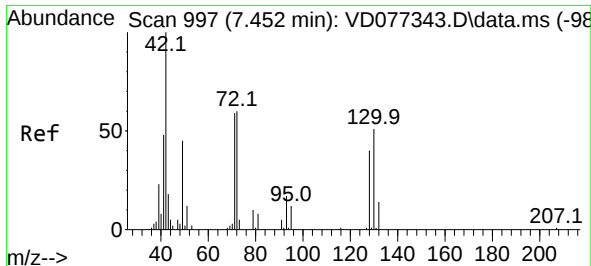
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#28
Bromochloromethane
Concen: 55.328 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion: 49 Resp: 69561
Ion Ratio Lower Upper
49 100
129 2.6 0.0 6.0
130 96.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 307.913 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

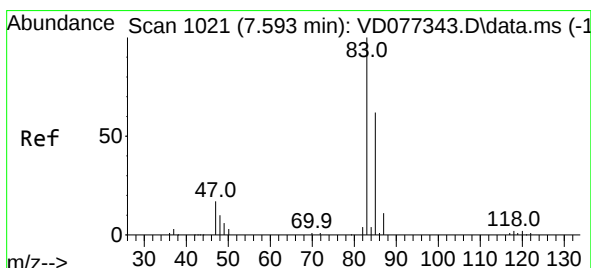
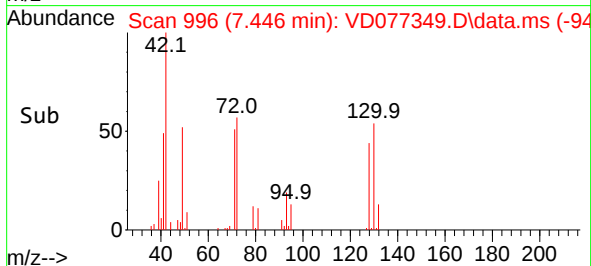
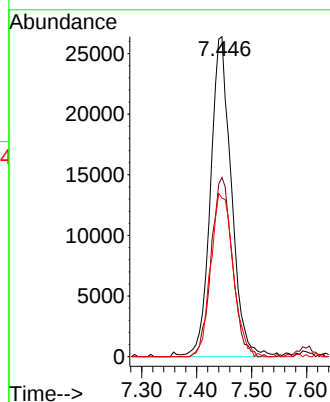
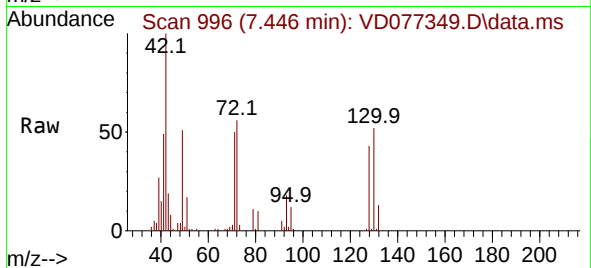
Tgt Ion:	42	Resp:	6964
Ion Ratio	Lower	Upper	
42	100		
72	56.6	46.5	69.7
71	54.7	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 51.782 ug/l

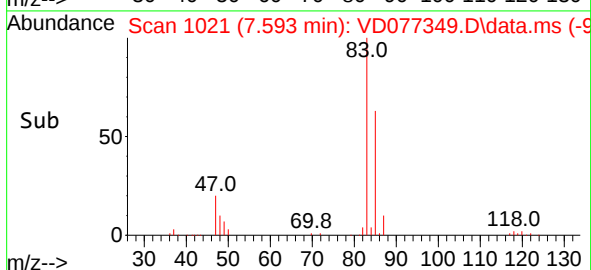
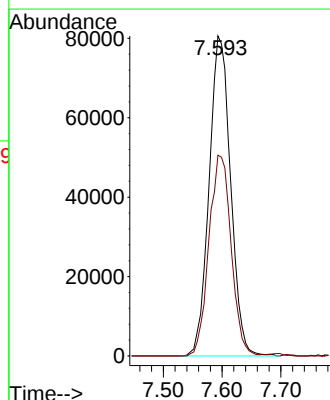
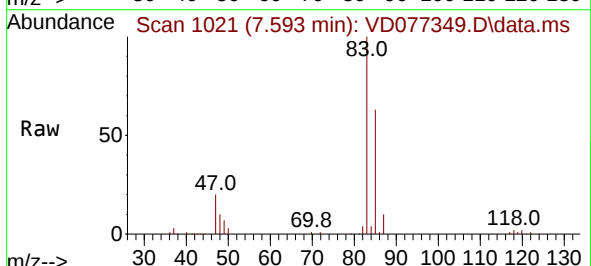
RT: 7.593 min Scan# 1021

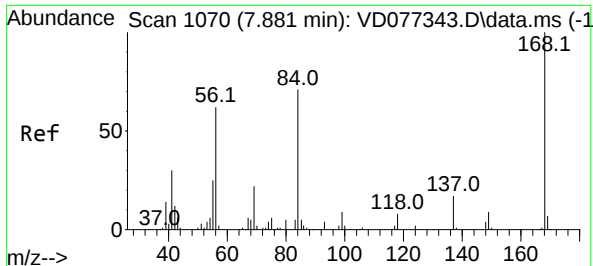
Delta R.T. -0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

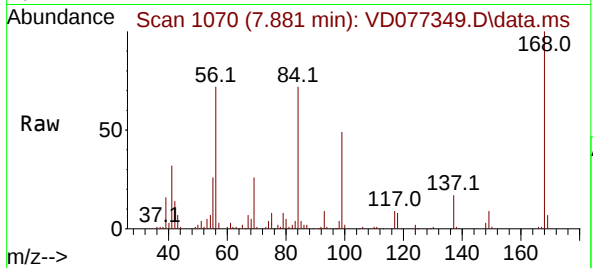
Tgt Ion:	83	Resp:	204486
Ion Ratio	Lower	Upper	
83	100		
85	62.8	53.4	80.2





#31
Cyclohexane
Concen: 55.378 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

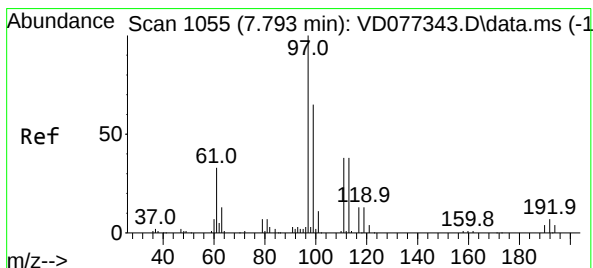
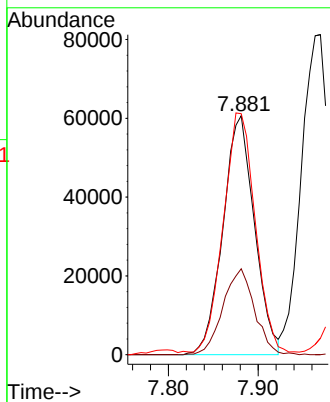
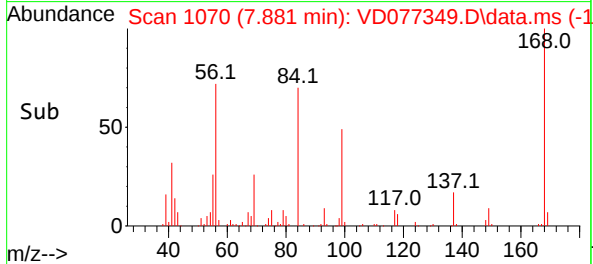
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



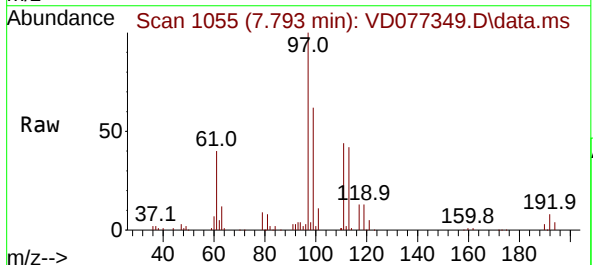
Tgt Ion: 56 Resp: 148510
Ion Ratio Lower Upper
56 100
69 36.0 28.6 43.0
84 100.0 84.8 127.2

Manual Integrations
APPROVED

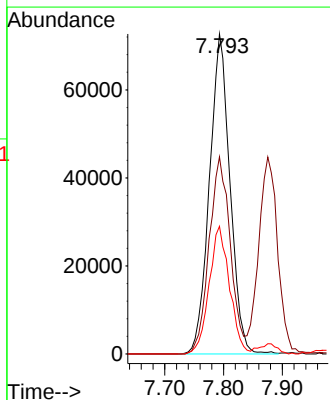
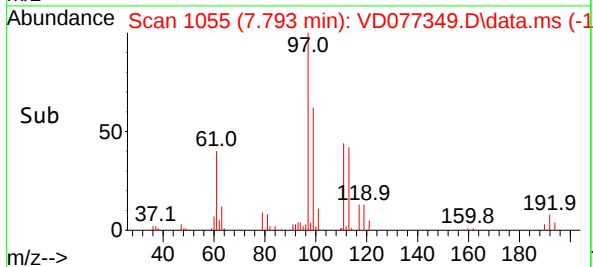
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

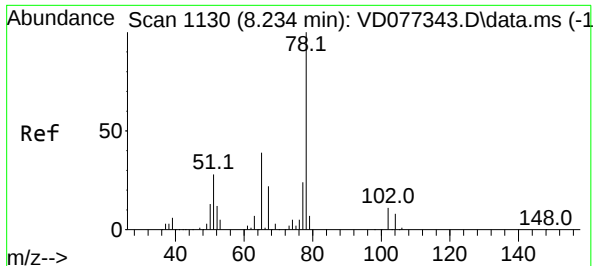


#32
1,1,1-Trichloroethane
Concen: 51.791 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



Tgt Ion: 97 Resp: 176441
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 39.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.910 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8775

Ion Ratio Lower Upper

65 100

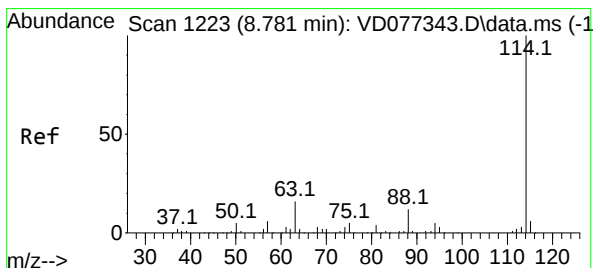
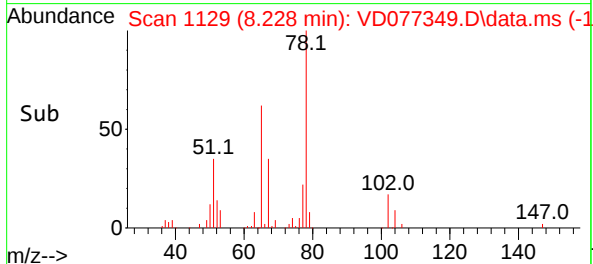
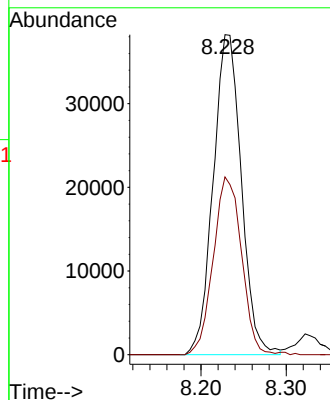
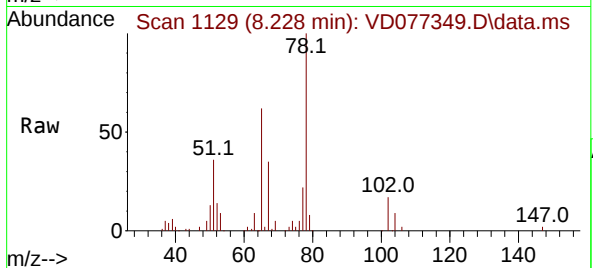
67 55.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

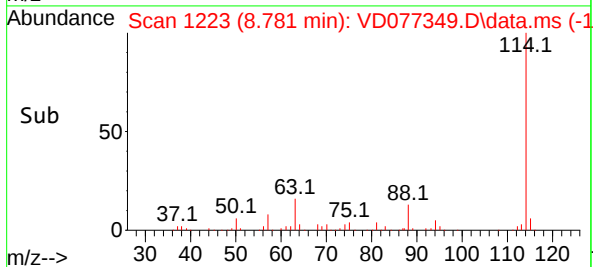
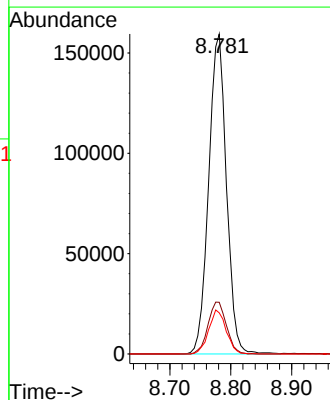
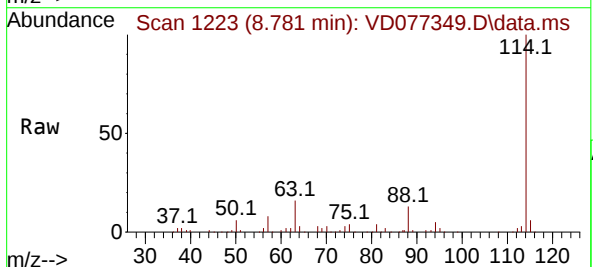
Tgt Ion:114 Resp: 322803

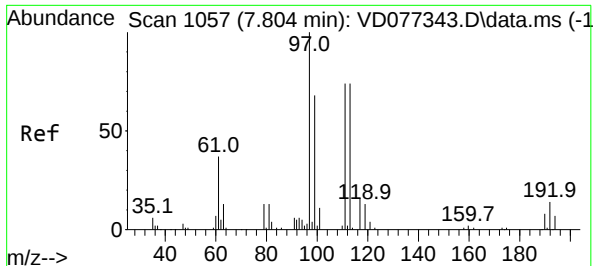
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.210 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 102529

Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

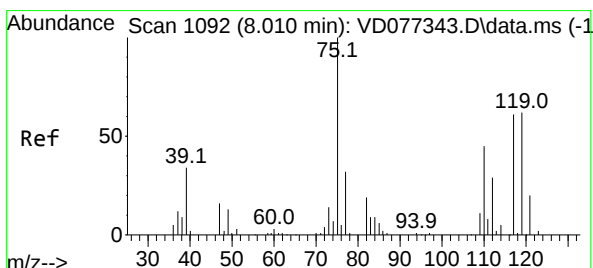
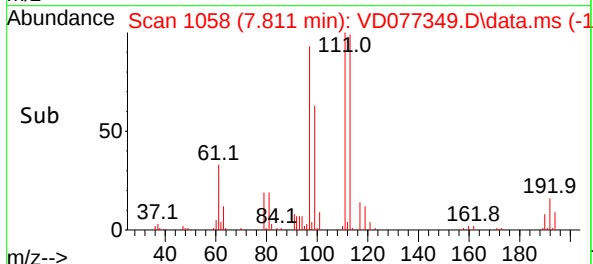
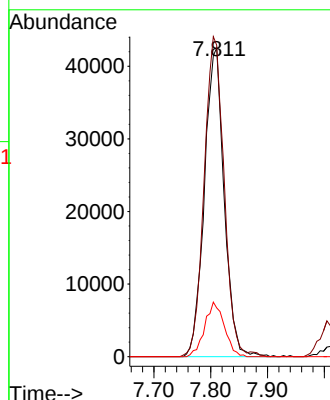
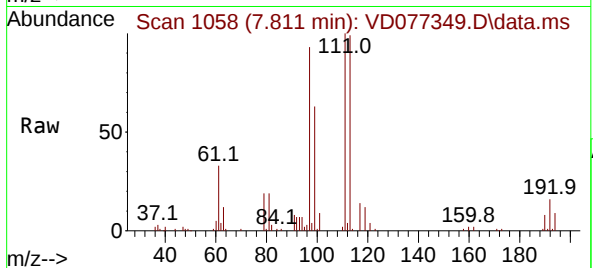
192 17.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#36

1,1-Dichloropropene

Concen: 52.187 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

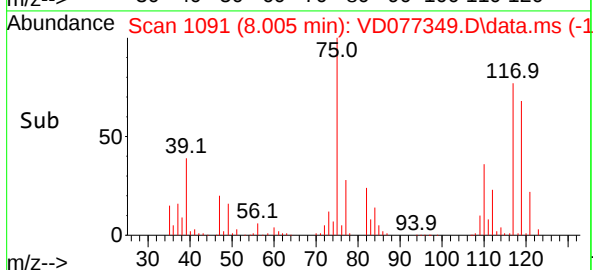
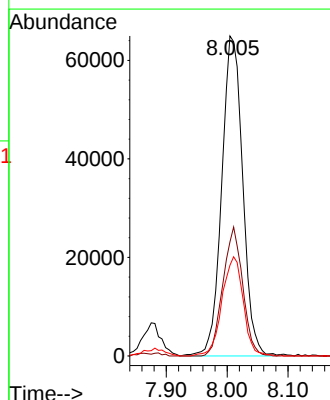
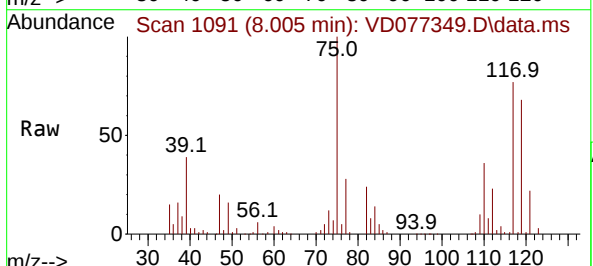
Tgt Ion: 75 Resp: 155511

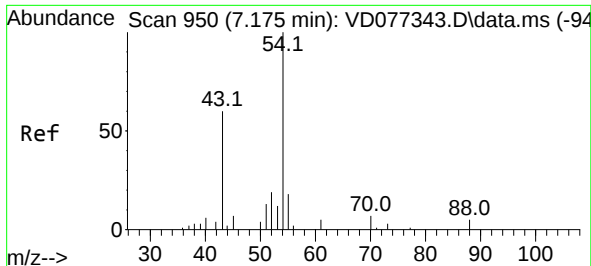
Ion Ratio Lower Upper

75 100

110 38.0 19.9 59.6

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 56.502 ug/l

RT: 7.158 min Scan# 947

Delta R.T. -0.017 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 5288

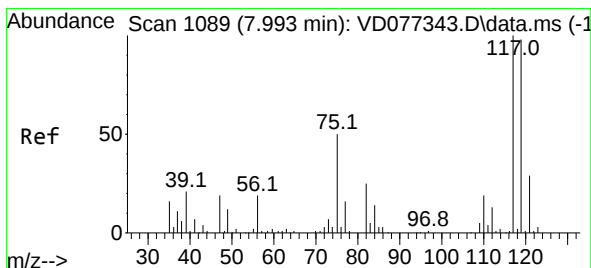
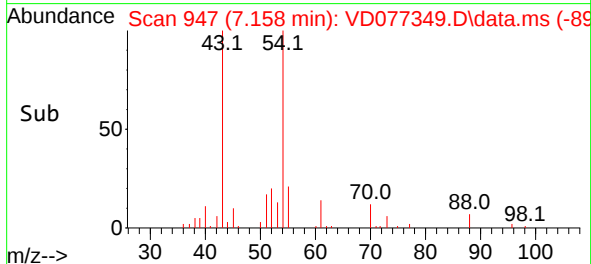
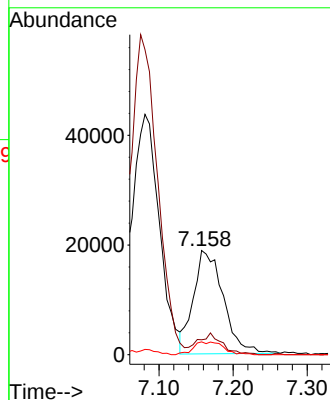
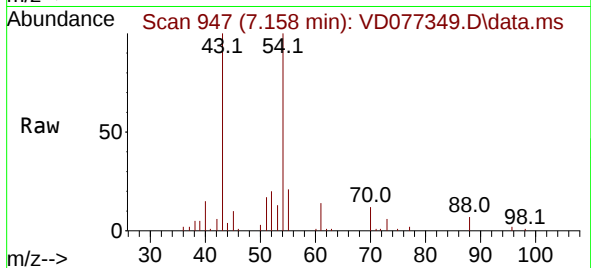
Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.9	22.3
70	5.9	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 47.723 ug/l

RT: 7.993 min Scan# 1089

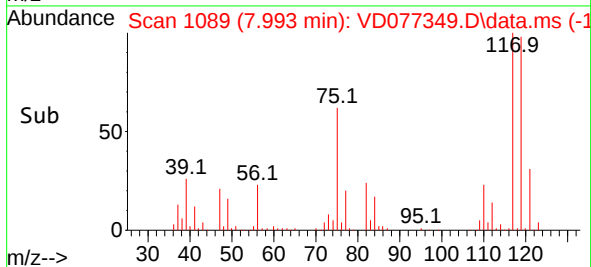
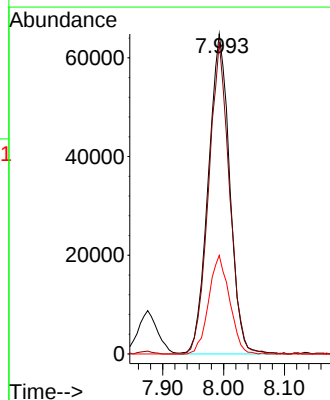
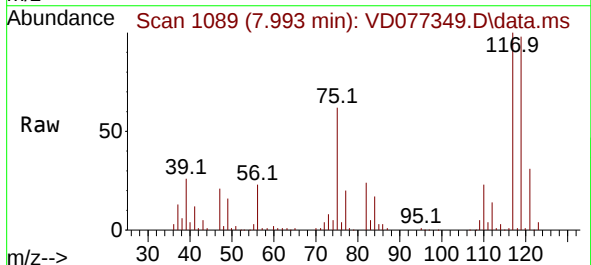
Delta R.T. -0.000 min

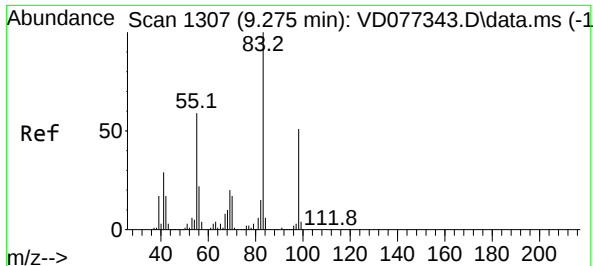
Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Tgt Ion:117 Resp: 158197

Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.0	117.0
121	30.8	24.2	36.2





#39

Methylcyclohexane

Concen: 50.750 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

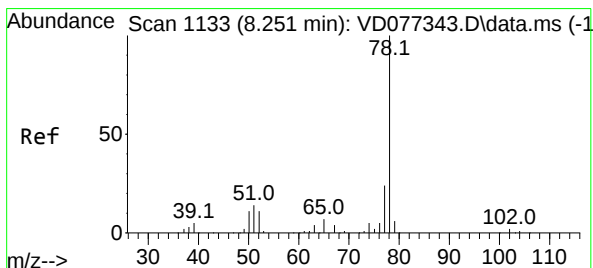
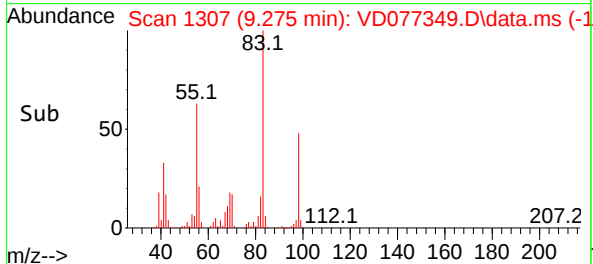
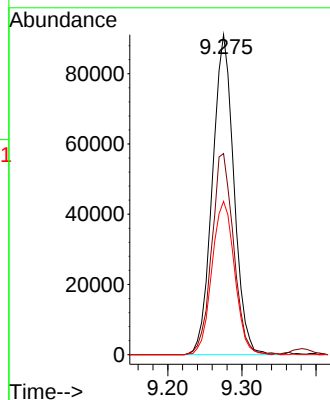
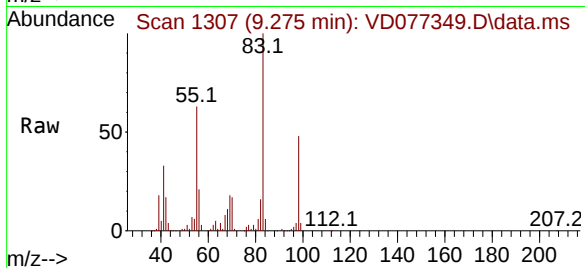
Tgt Ion: 83 Resp: 183758
 Ion Ratio Lower Upper
 83 100
 55 62.8 49.4 74.0
 98 47.9 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 50.115 ug/l

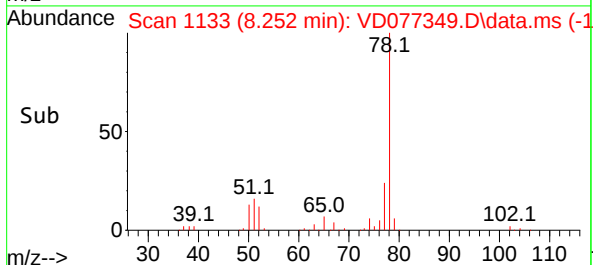
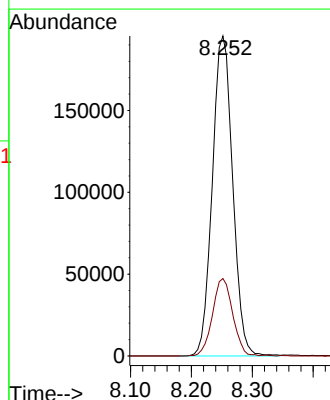
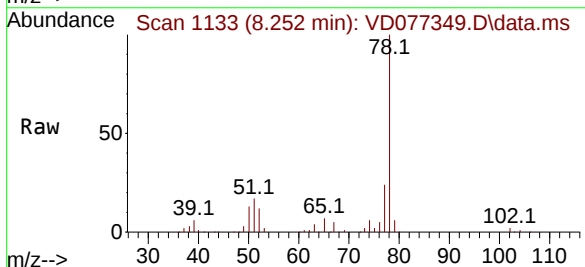
RT: 8.252 min Scan# 1133

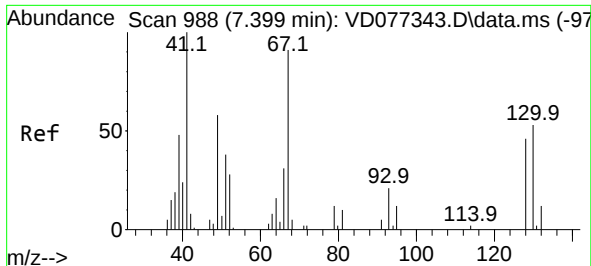
Delta R.T. 0.001 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Tgt Ion: 78 Resp: 453196
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 52.758 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

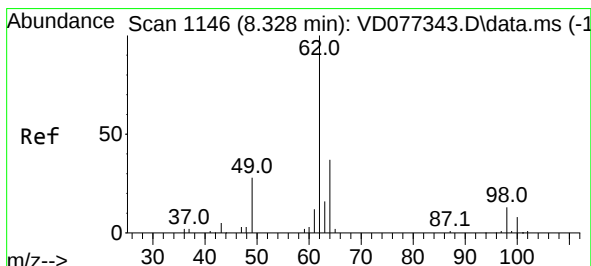
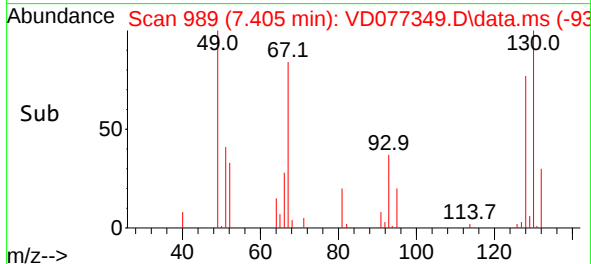
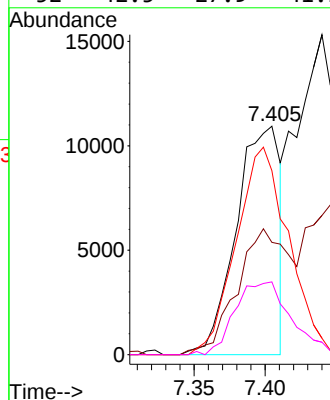
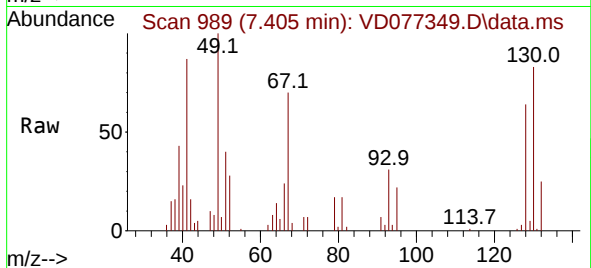
VSTDCCC050

Tgt Ion: 41 Resp: 2356
Ion Ratio Lower Upper
41 100
39 67.3 34.0 51.0
67 108.2 77.0 115.4
52 42.5 27.9 41.9#

Manual Integrations

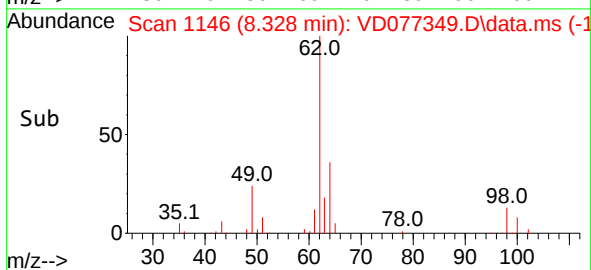
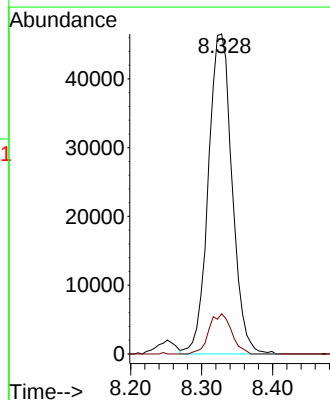
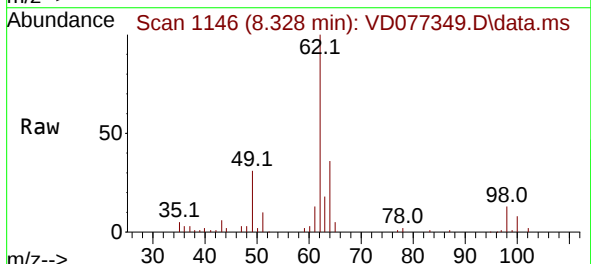
APPROVED

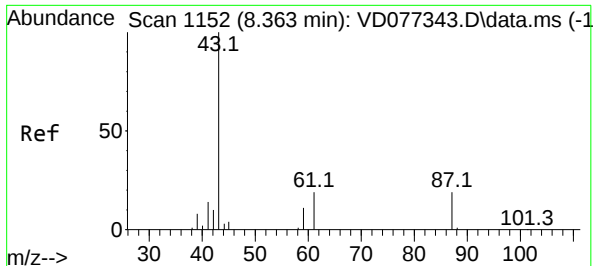
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 50.813 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion: 62 Resp: 108233
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4





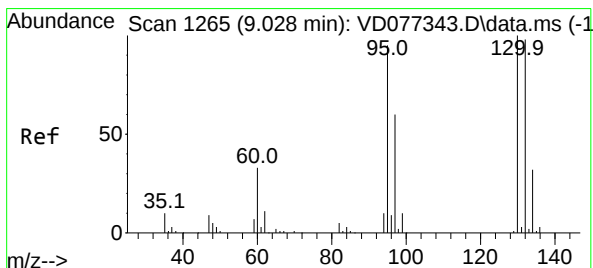
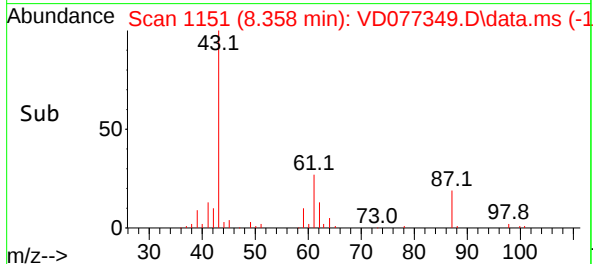
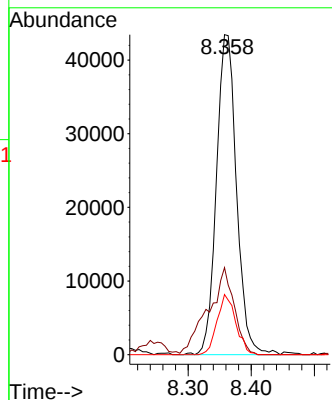
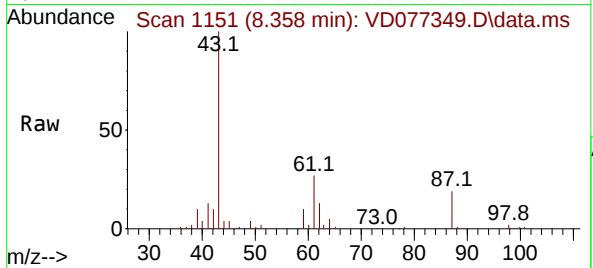
#43
Isopropyl Acetate
Concen: 56.974 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 9600
Ion Ratio Lower Upper
43 100
61 35.2 31.4 47.0
87 17.5 14.9 22.3

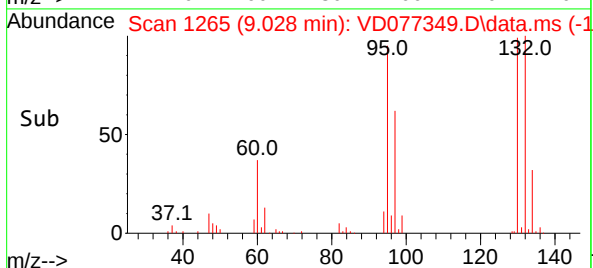
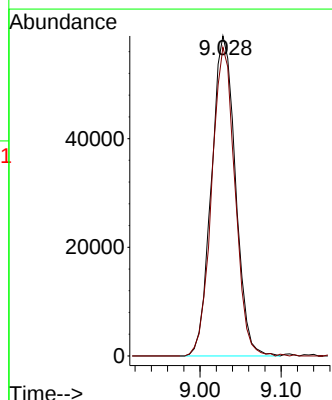
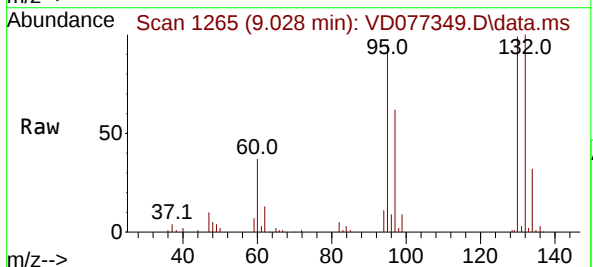
Manual Integrations
APPROVED

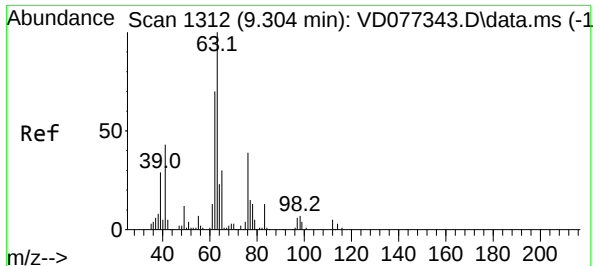
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 45.718 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion:130 Resp: 120874
Ion Ratio Lower Upper
130 100
95 96.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.724 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10573

Ion Ratio Lower Upper

63 100

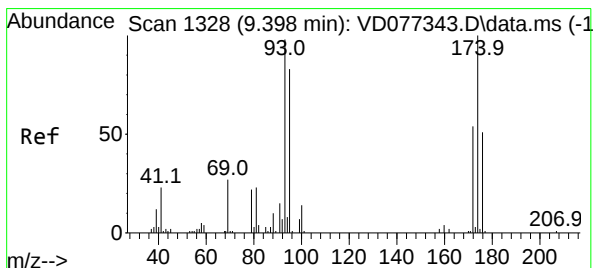
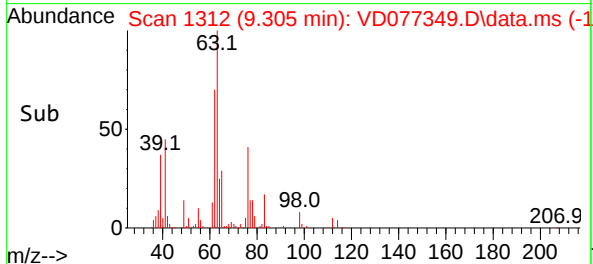
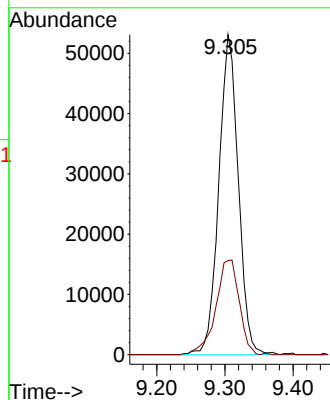
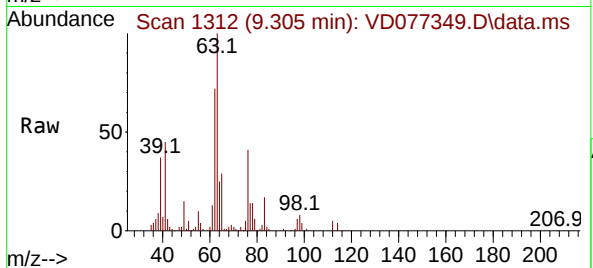
65 29.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 48.827 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

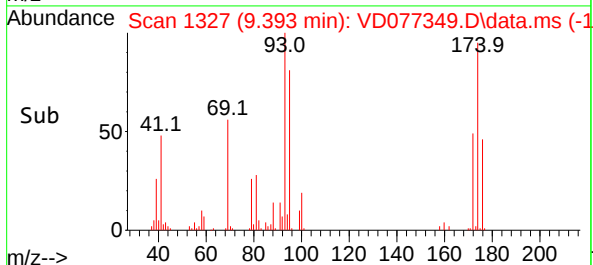
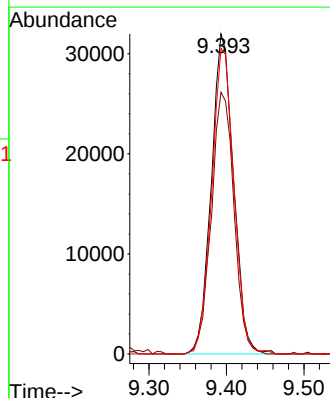
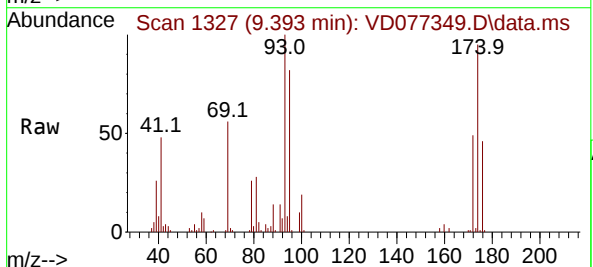
Tgt Ion: 93 Resp: 63632

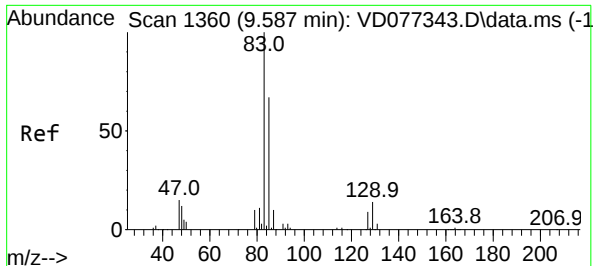
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

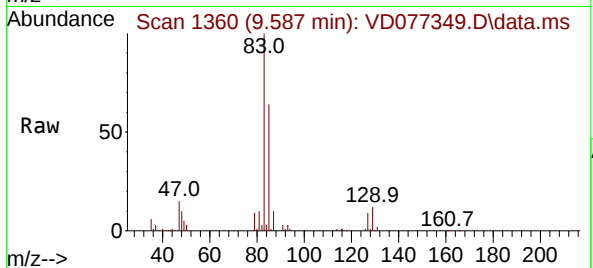
174 95.7 85.4 128.2





#47
Bromodichloromethane
Concen: 48.975 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

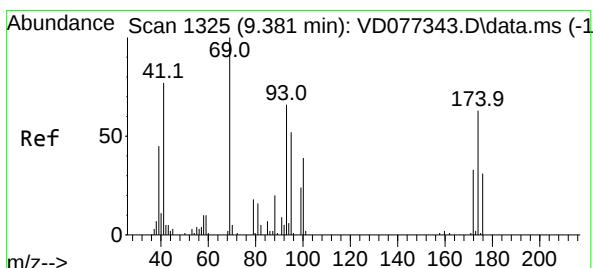
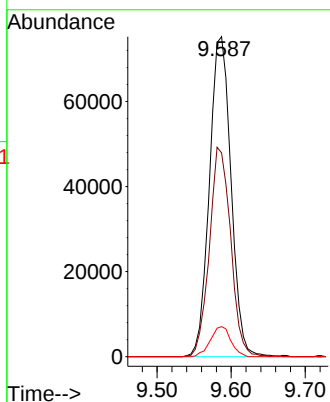
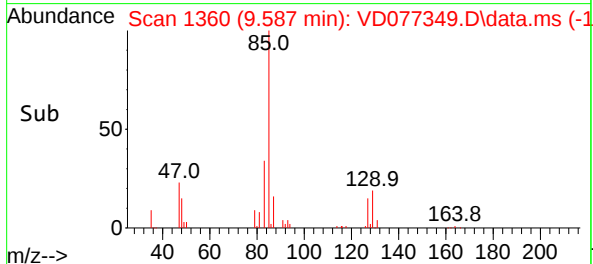
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



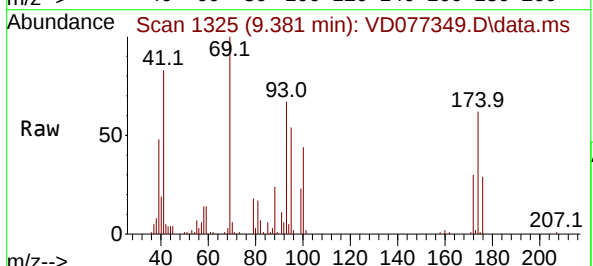
Tgt Ion: 83 Resp: 15219
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 9.4 6.3 9.5

Manual Integrations
APPROVED

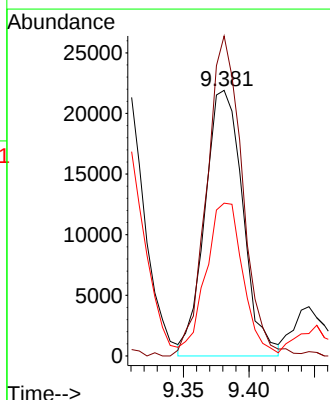
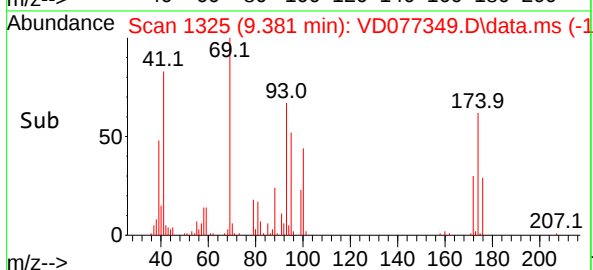
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

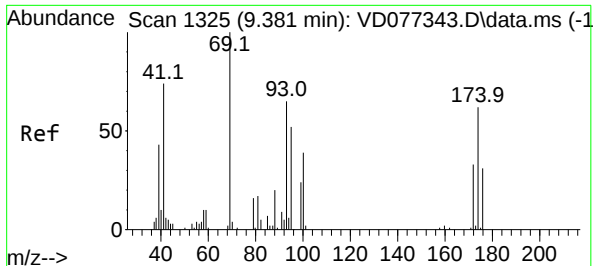


#48
Methyl methacrylate
Concen: 57.744 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



Tgt Ion: 41 Resp: 44019
Ion Ratio Lower Upper
41 100
69 112.8 102.2 153.2
39 53.9 41.4 62.2





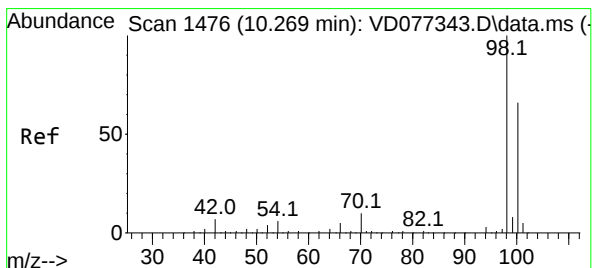
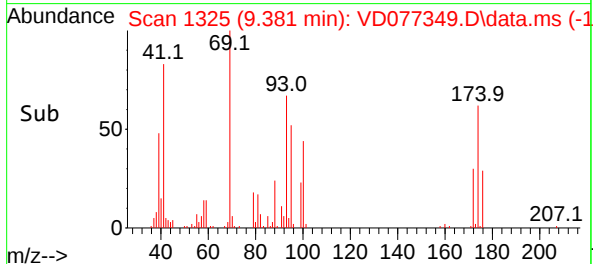
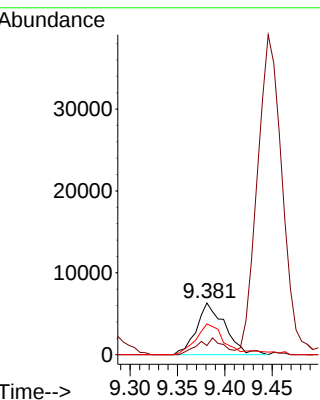
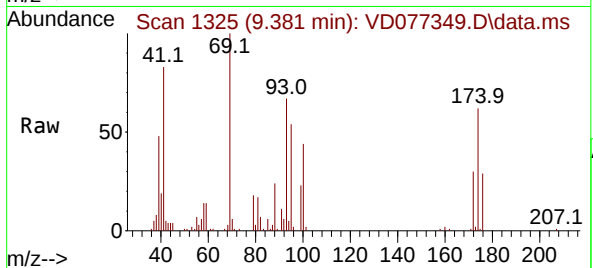
#49
1,4-Dioxane
Concen: 1031.975 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 1322
Ion Ratio Lower Upper
88 100
43 28.3 19.0 28.6
58 56.7 43.5 65.3

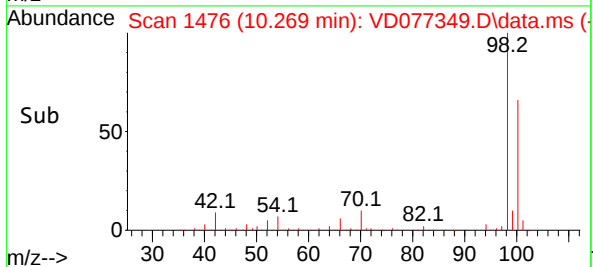
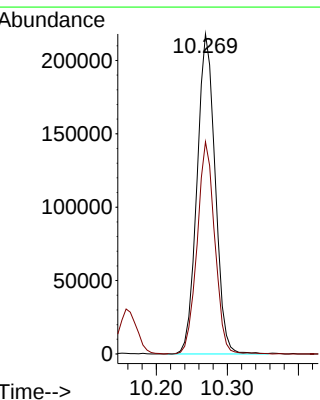
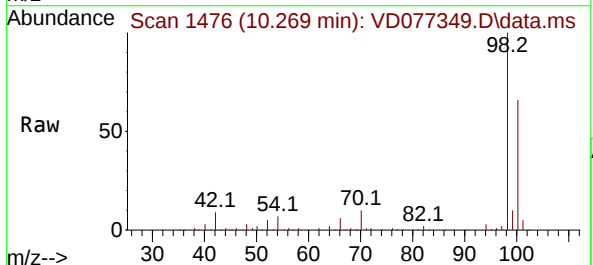
Manual Integrations
APPROVED

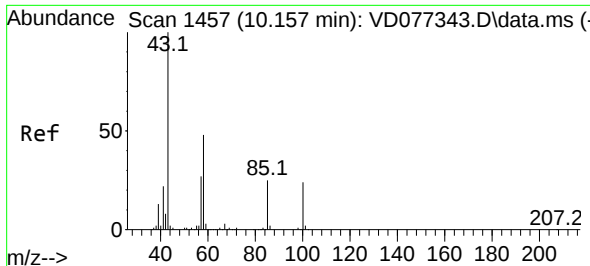
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 47.630 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion: 98 Resp: 386841
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5





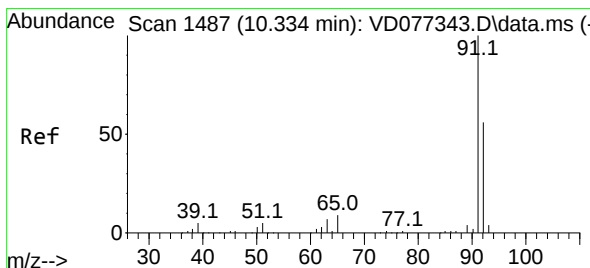
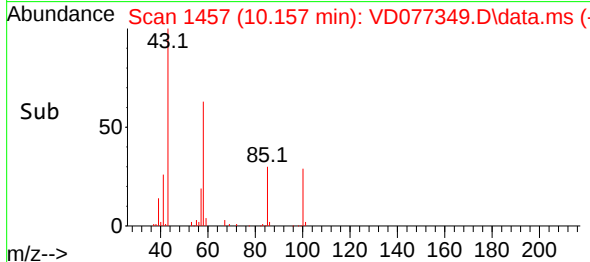
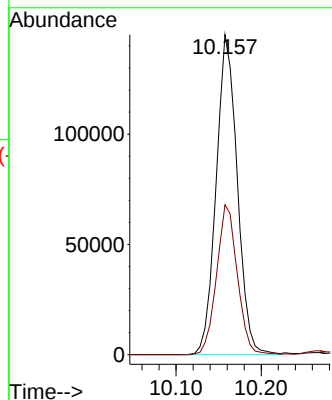
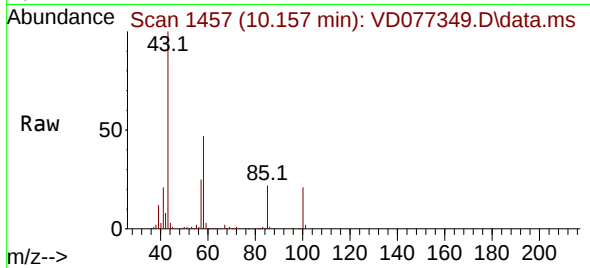
#51
4-Methyl-2-Pentanone
Concen: 296.056 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 250082
Ion Ratio Lower Upper
43 100
58 46.2 38.9 58.3

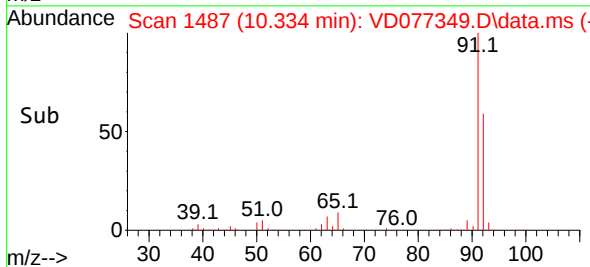
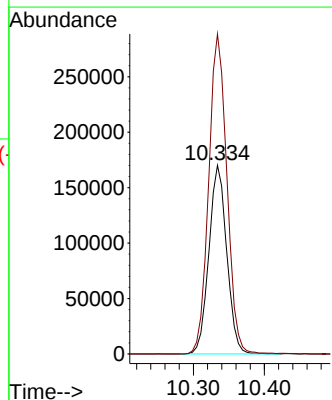
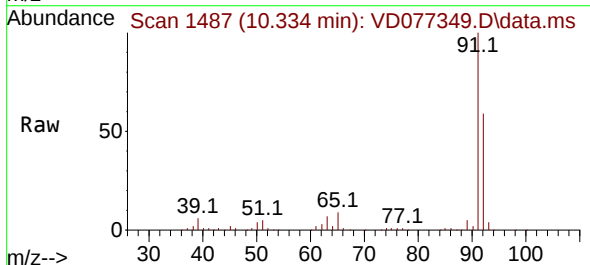
Manual Integrations
APPROVED

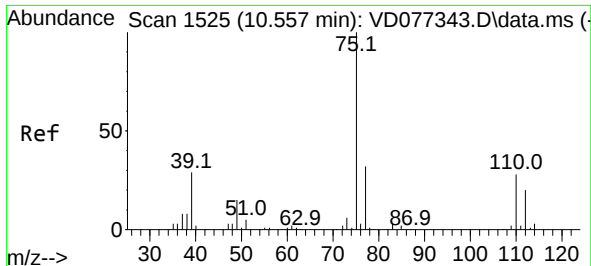
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 50.282 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

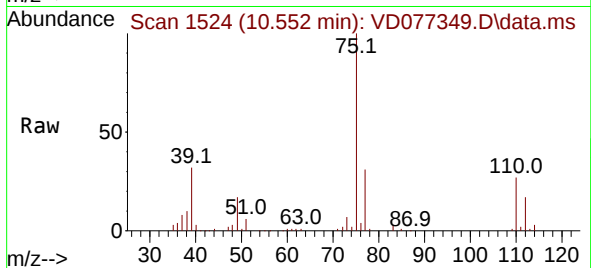
Tgt Ion: 92 Resp: 296882
Ion Ratio Lower Upper
92 100
91 173.1 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 50.642 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: VD077349.D
 Acq: 19 Oct 2023 11:30

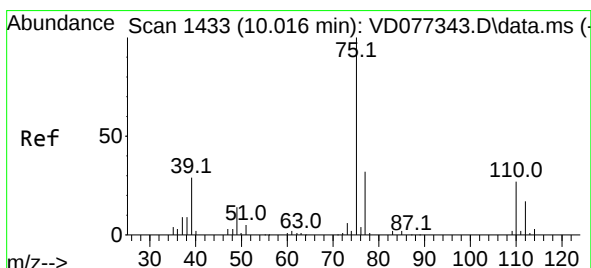
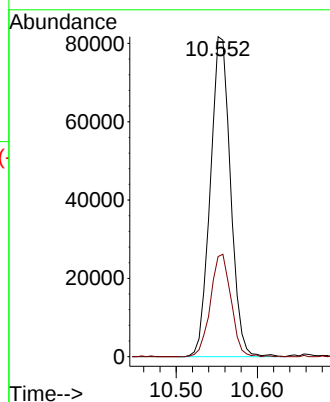
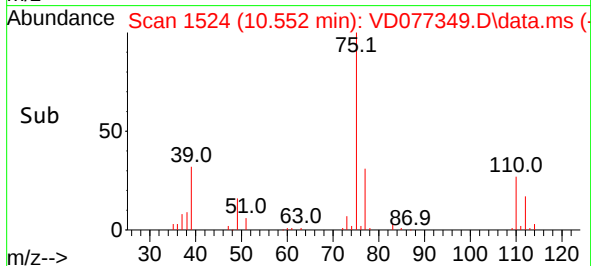
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 141262
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9

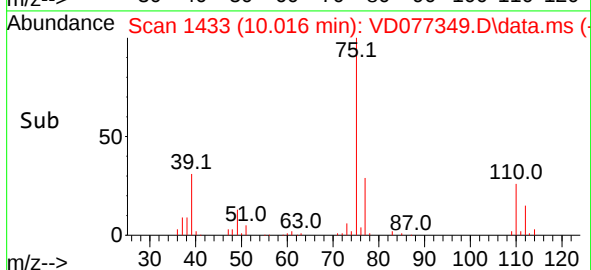
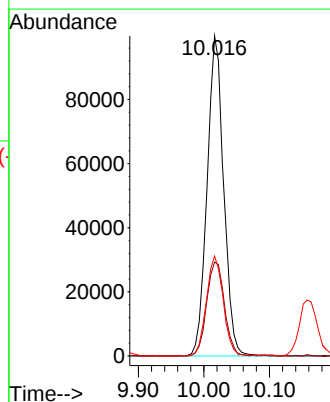
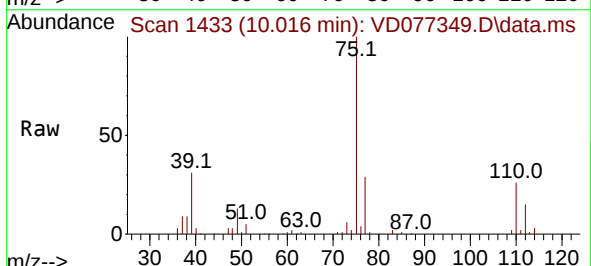
Manual Integrations
 APPROVED

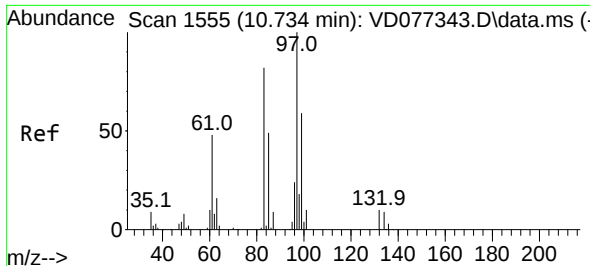
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 51.467 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077349.D
 Acq: 19 Oct 2023 11:30

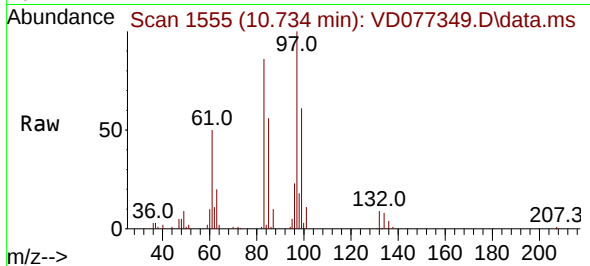
Tgt Ion: 75 Resp: 175652
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.5 38.3
 39 31.2 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 49.689 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

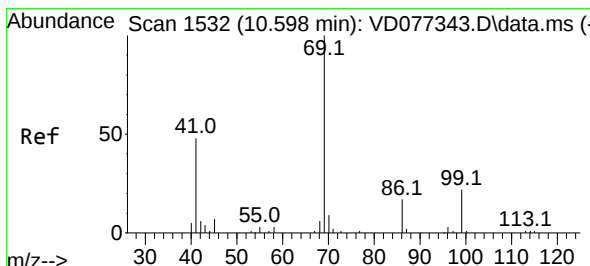
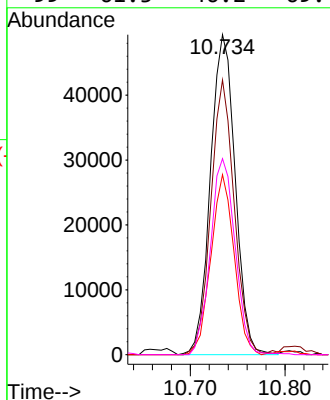
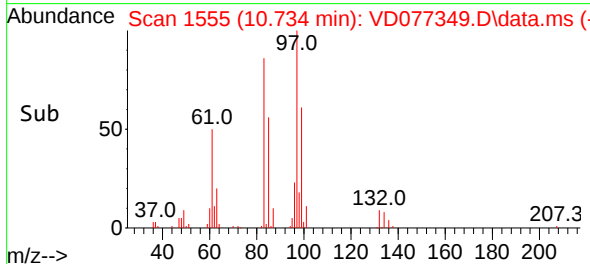
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 97	Resp: 89690
Ion Ratio	Lower Upper
97 100	
83 85.9	65.8 98.6
85 56.2	45.7 68.5
99 61.3	46.2 69.4

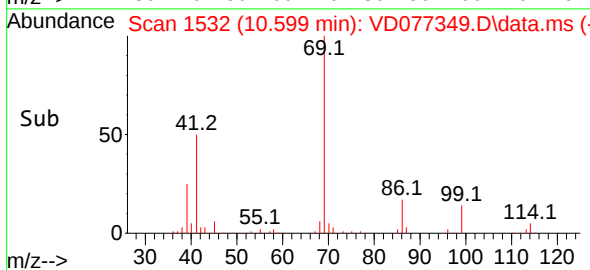
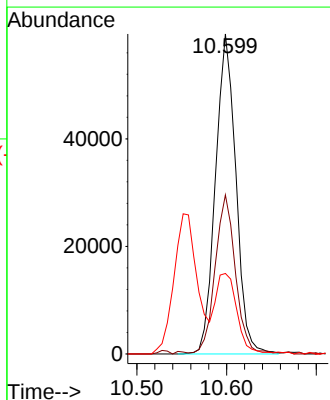
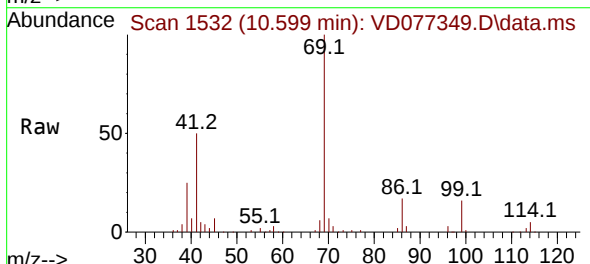
Manual Integrations
APPROVED

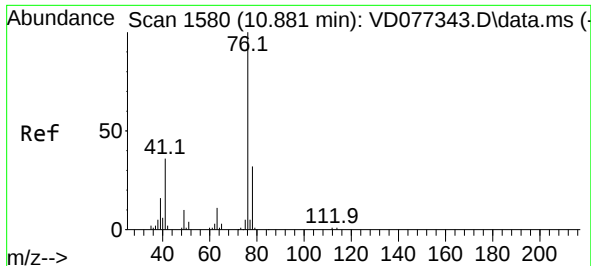
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 54.497 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion: 69	Resp: 94009
Ion Ratio	Lower Upper
69 100	
41 48.5	39.1 58.7
39 25.5	20.0 30.0





#57

1,3-Dichloropropane

Concen: 50.753 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14072

Ion Ratio Lower Upper

76 100

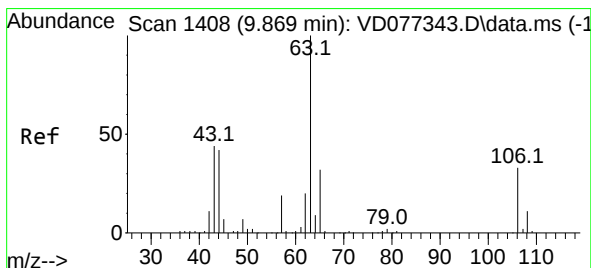
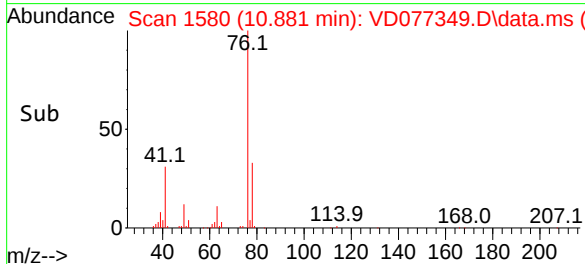
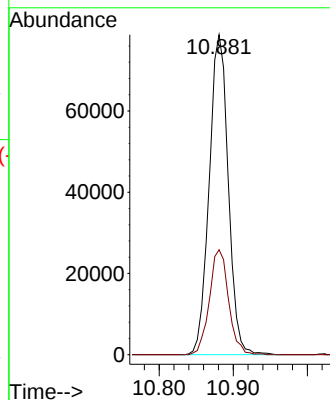
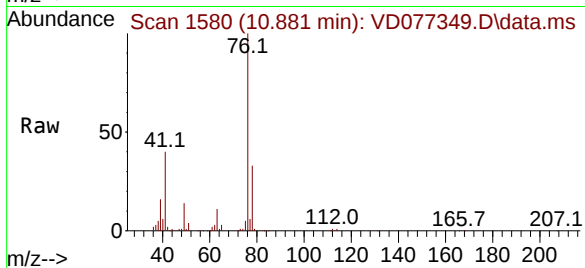
78 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 332.097 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077349.D

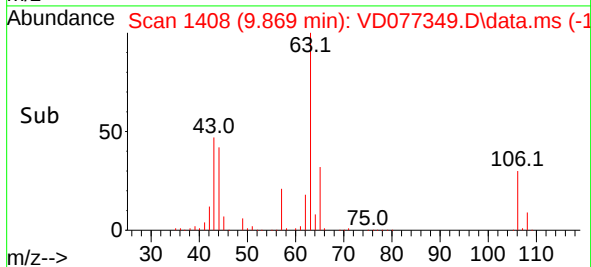
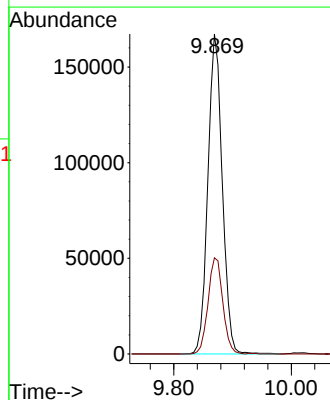
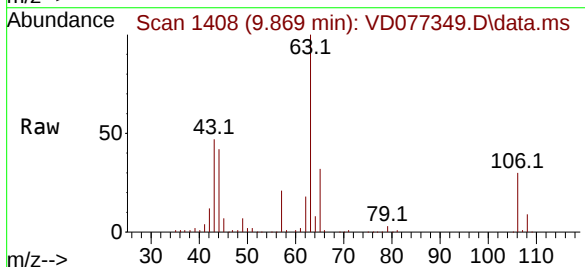
Acq: 19 Oct 2023 11:30

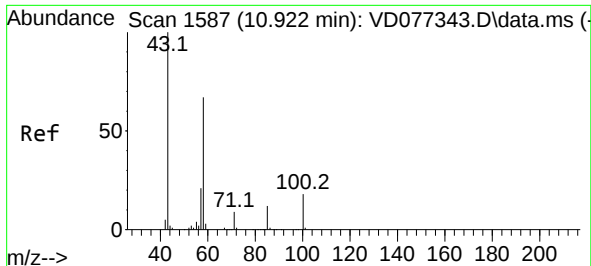
Tgt Ion: 63 Resp: 283303

Ion Ratio Lower Upper

63 100

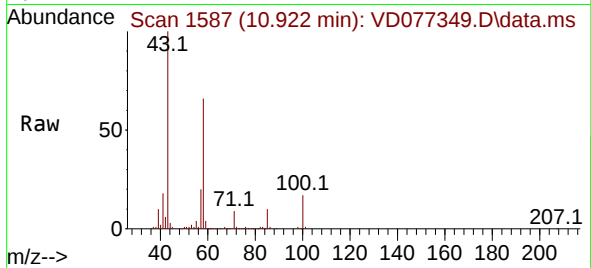
106 30.8 25.3 37.9





#59
2-Hexanone
Concen: 292.308 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

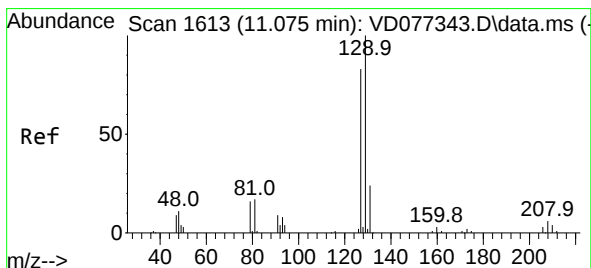
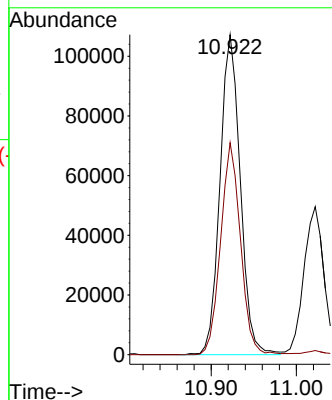
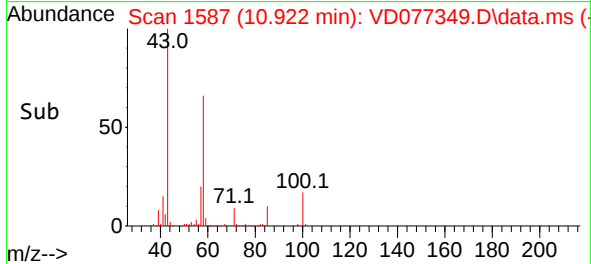
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 177339
Ion Ratio Lower Upper
43 100
58 64.8 34.1 102.2

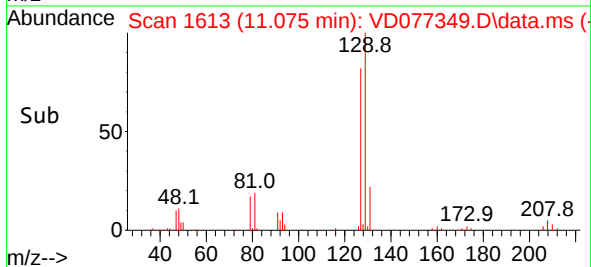
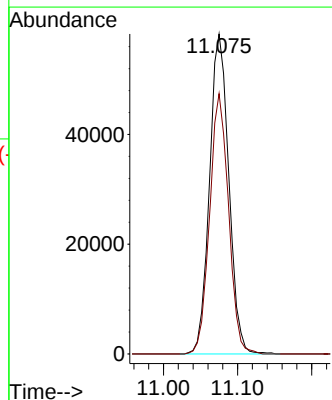
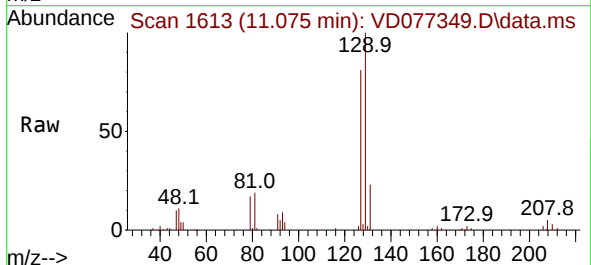
Manual Integrations
APPROVED

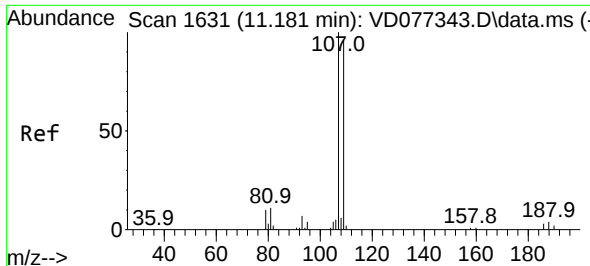
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 45.700 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

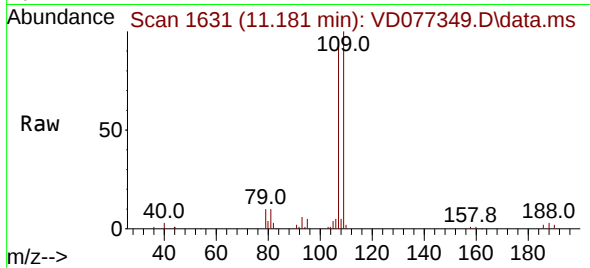
Tgt Ion:129 Resp: 105329
Ion Ratio Lower Upper
129 100
127 79.7 37.1 111.5





#61
1,2-Dibromoethane
Concen: 48.157 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

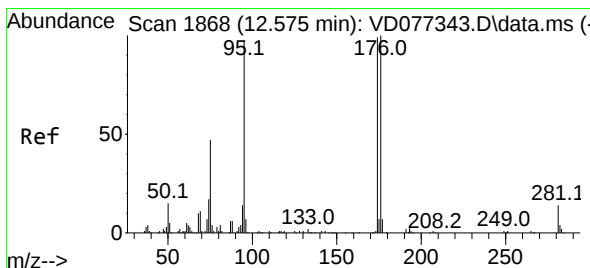
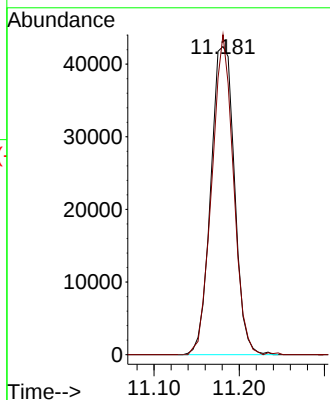
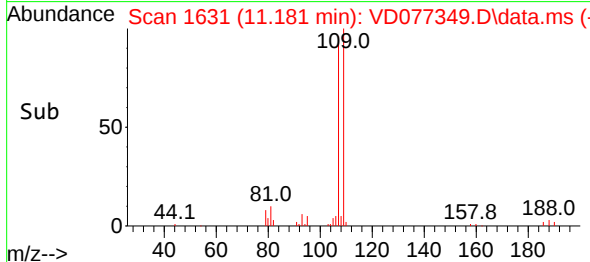
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



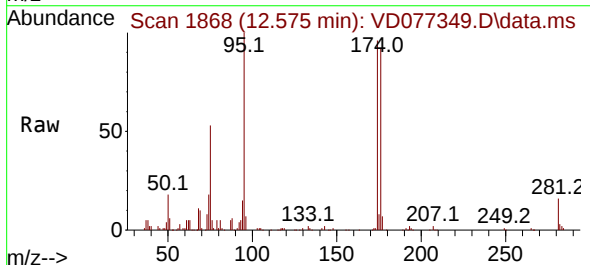
Tgt Ion:107 Resp: 81909
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

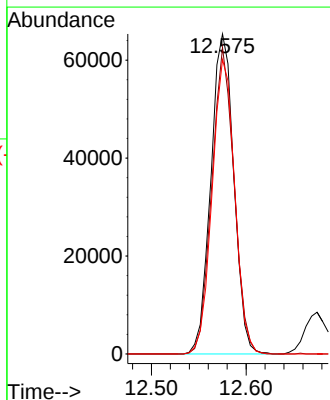
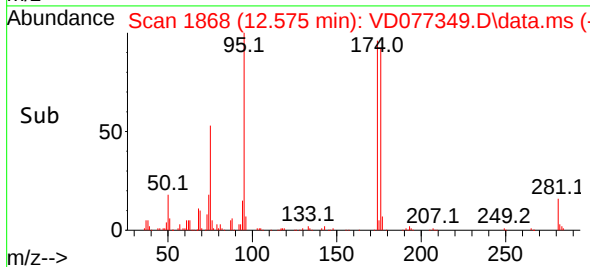
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

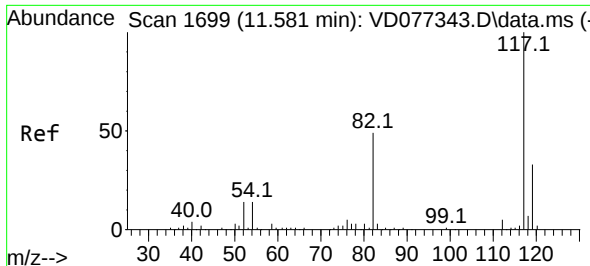


#62
4-Bromofluorobenzene
Concen: 47.219 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



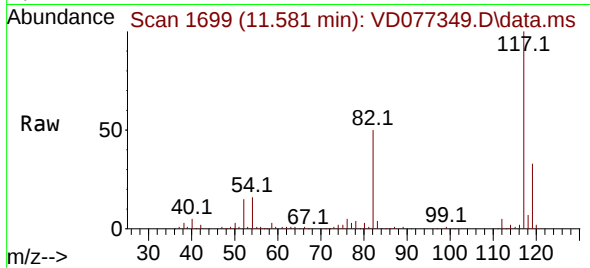
Tgt Ion: 95 Resp: 110395
Ion Ratio Lower Upper
95 100
174 92.7 0.0 201.8
176 90.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

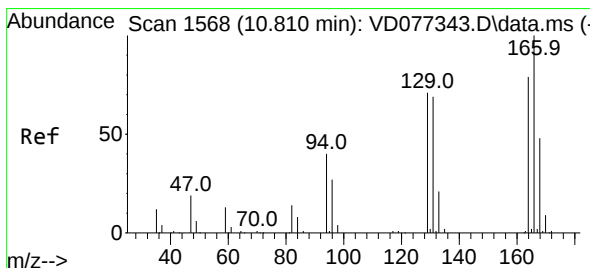
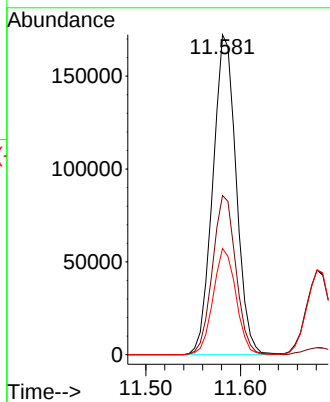
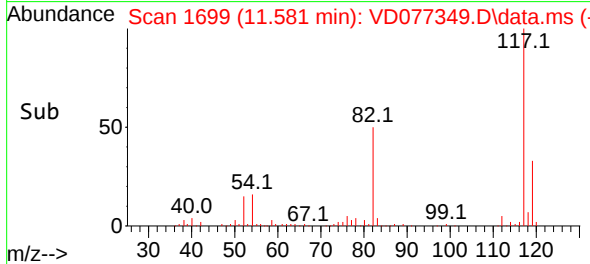
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



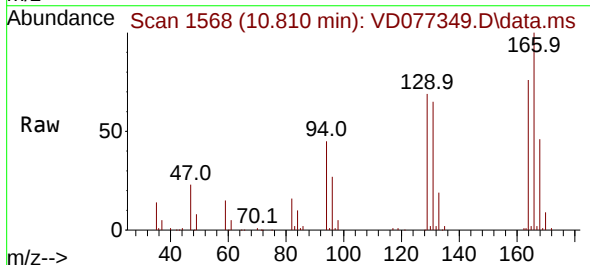
Tgt Ion:117 Resp: 295770
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 33.2 25.0 37.4

Manual Integrations
APPROVED

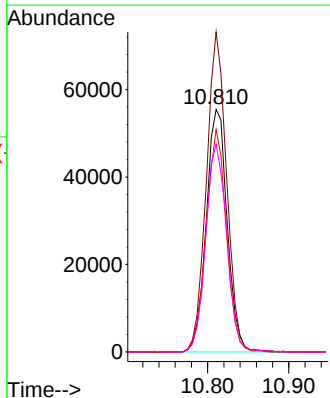
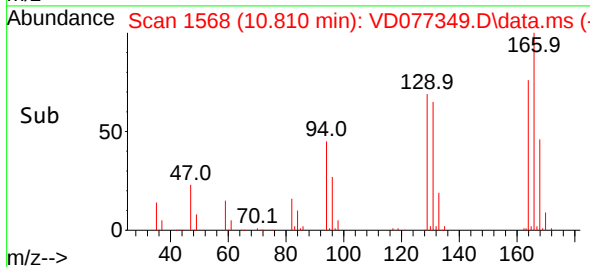
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

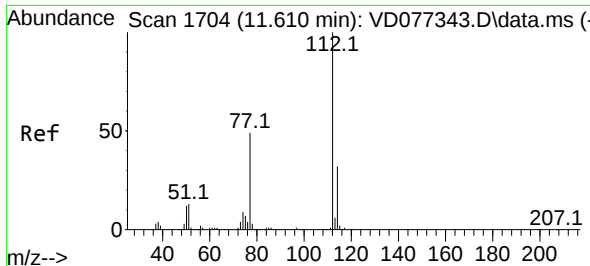


#64
Tetrachloroethene
Concen: 45.233 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



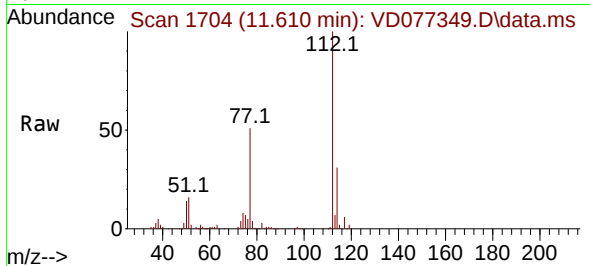
Tgt Ion:164 Resp: 99438
Ion Ratio Lower Upper
164 100
166 131.9 99.2 148.8
129 91.6 68.4 102.6
131 85.6 63.8 95.8





#65
Chlorobenzene
Concen: 47.486 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

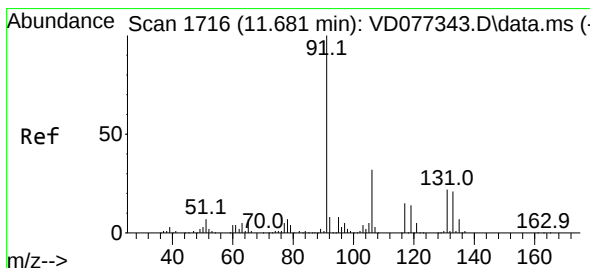
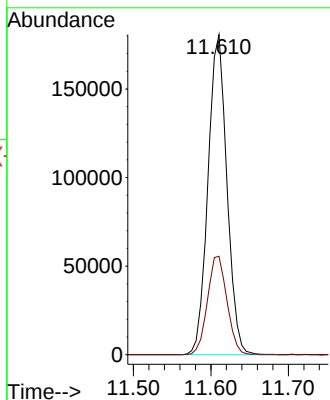
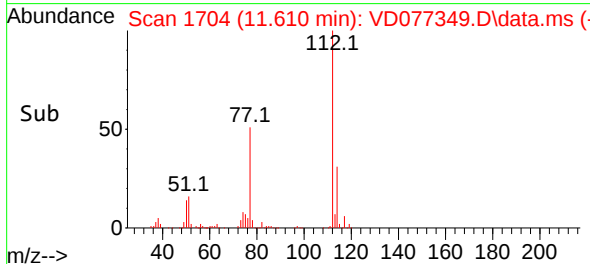
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 30614
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7

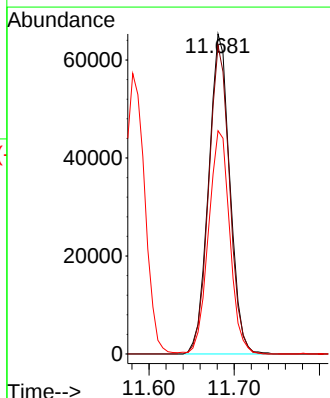
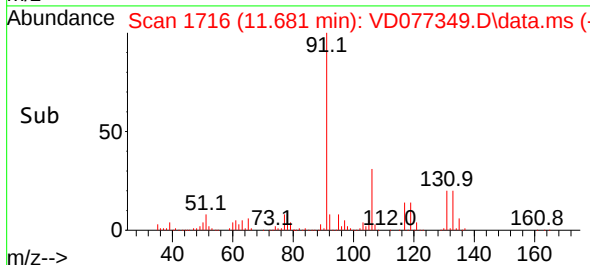
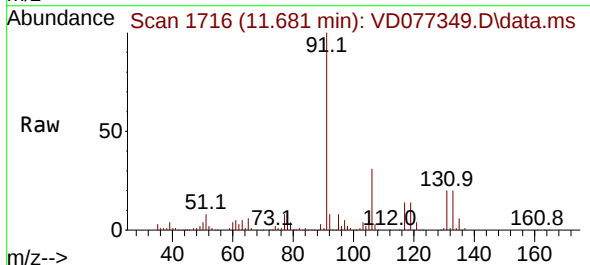
Manual Integrations
APPROVED

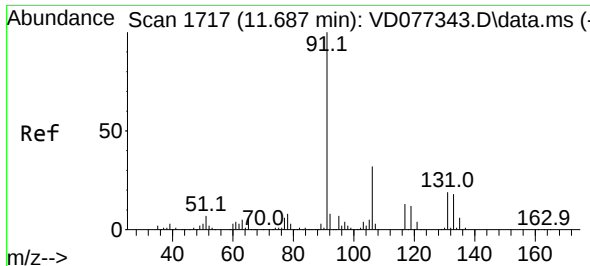
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.114 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion:131 Resp: 113010
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 69.9 35.6 106.9





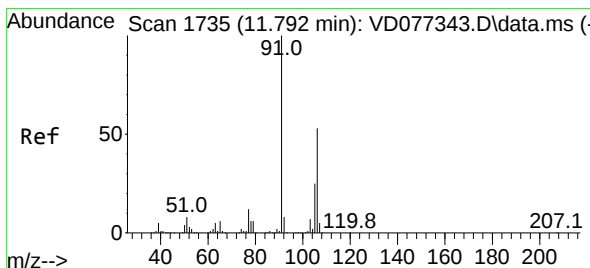
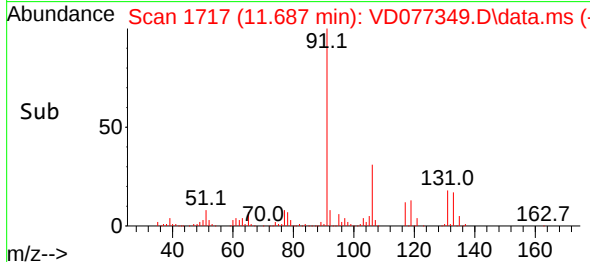
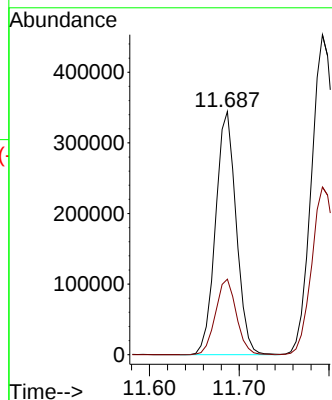
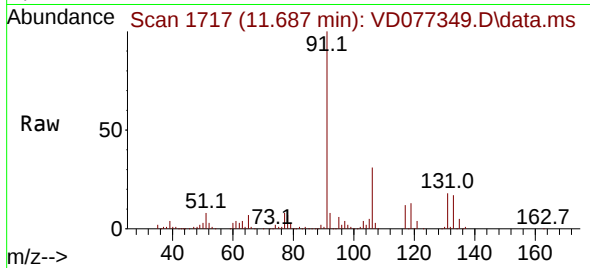
#67
Ethyl Benzene
Concen: 51.486 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 55023
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7

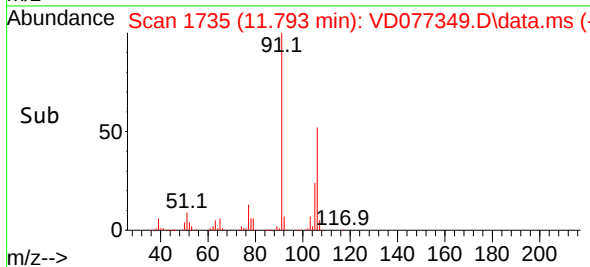
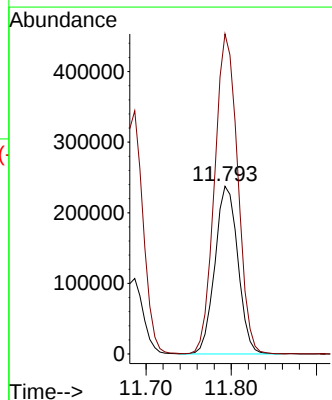
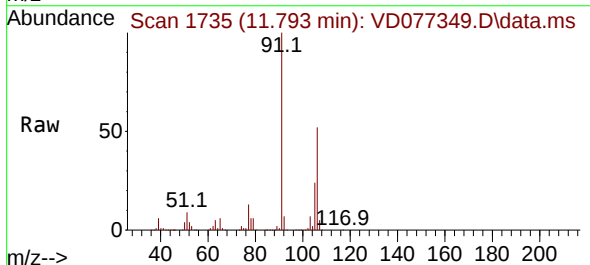
Manual Integrations
APPROVED

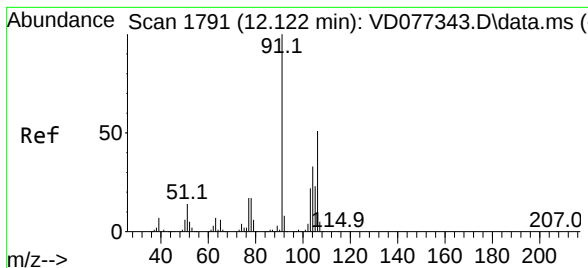
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 101.559 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

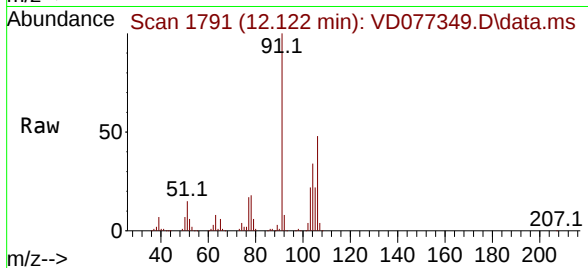
Tgt Ion:106 Resp: 445690
Ion Ratio Lower Upper
106 100
91 191.3 147.0 220.6





#69
o-Xylene
Concen: 49.959 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

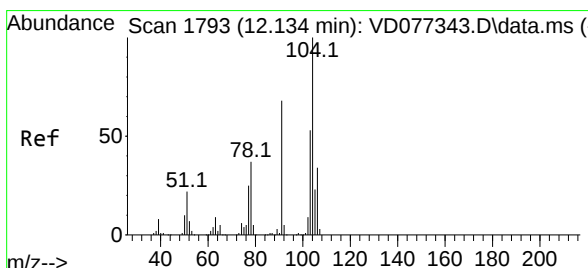
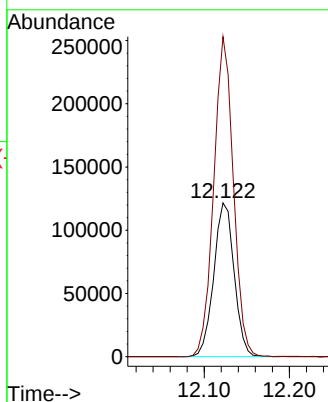
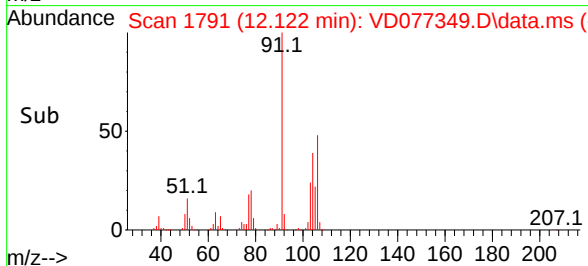
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 201827
Ion Ratio Lower Upper
106 100
91 200.7 97.9 293.6

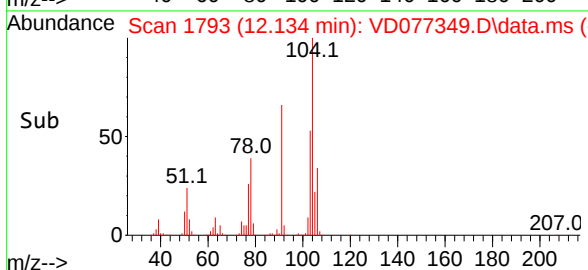
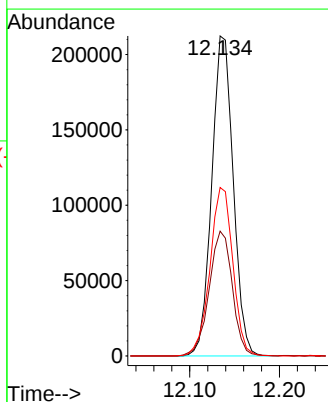
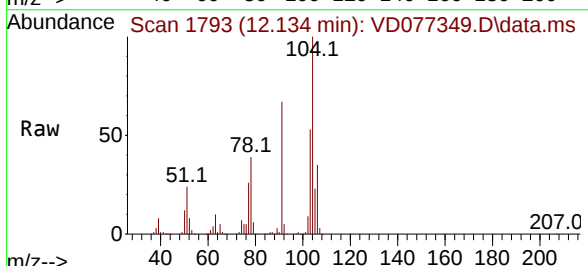
Manual Integrations
APPROVED

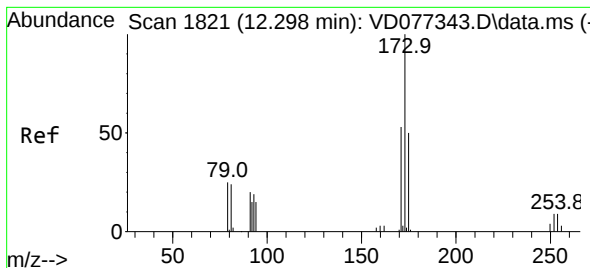
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 51.273 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

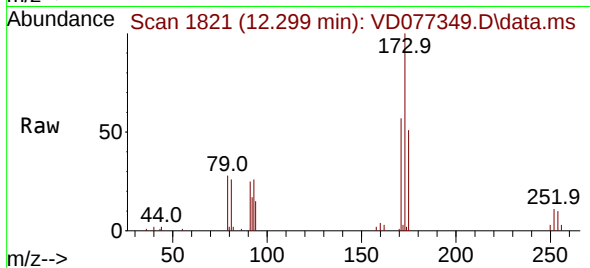
Tgt Ion:104 Resp: 353404
Ion Ratio Lower Upper
104 100
78 42.1 33.2 49.8
103 56.2 43.6 65.4





#71
Bromoform
Concen: 45.561 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

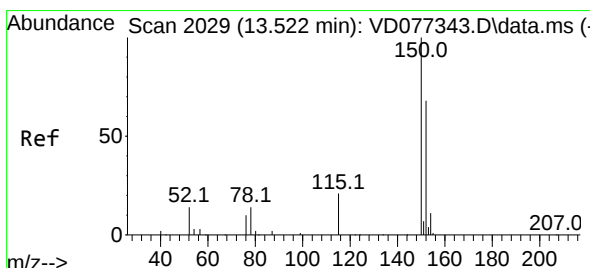
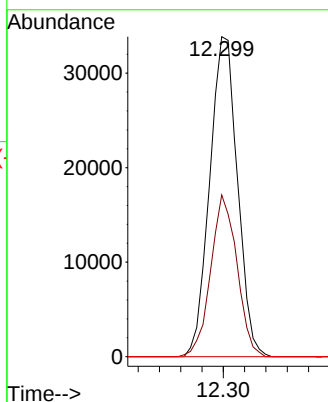
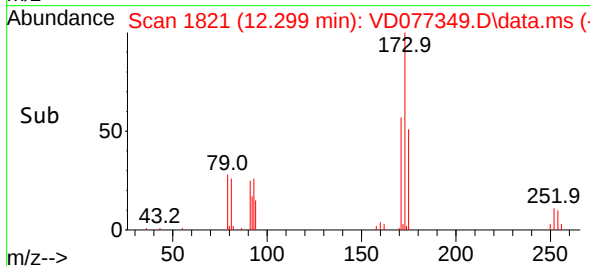
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



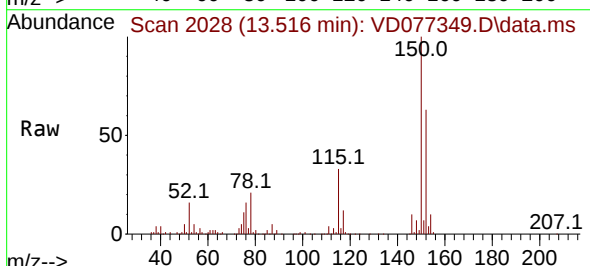
Tgt Ion:173 Resp: 6120
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

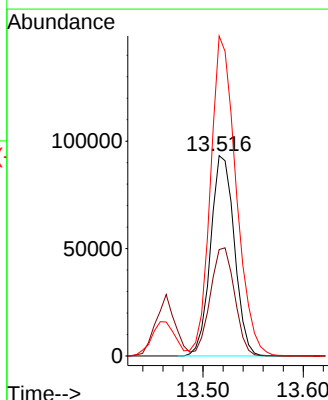
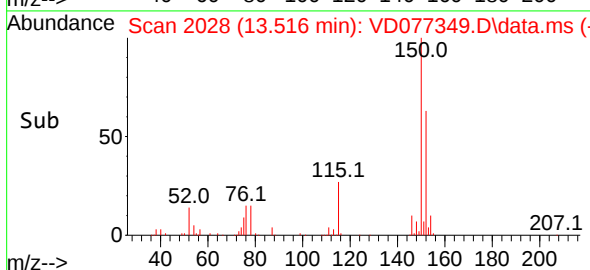
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

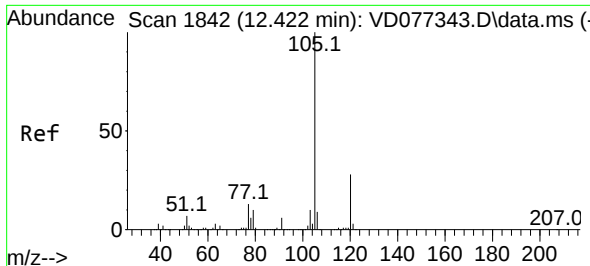


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



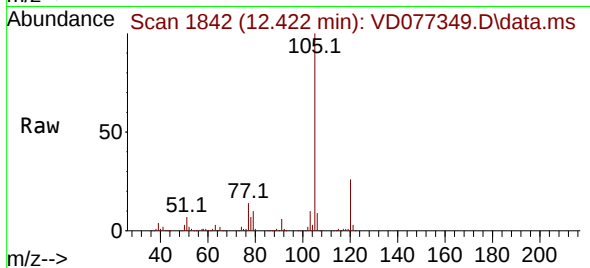
Tgt Ion:152 Resp: 153688
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 172.5 0.0 353.6





#73
Isopropylbenzene
Concen: 52.550 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

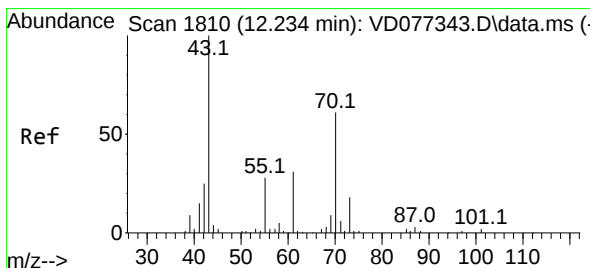
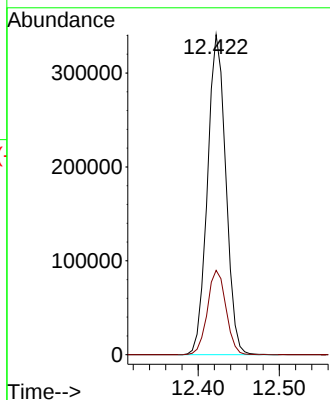
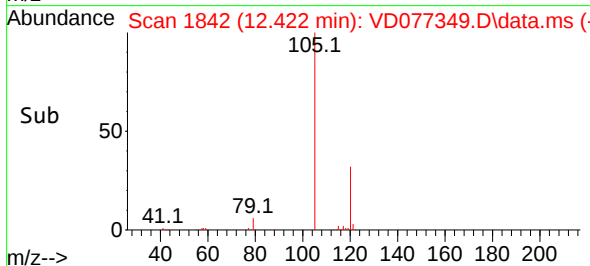
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



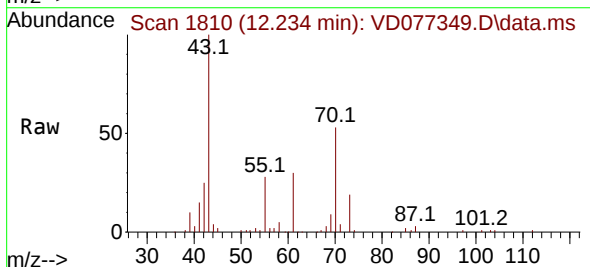
Tgt Ion:105 Resp: 534200
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9

Manual Integrations
APPROVED

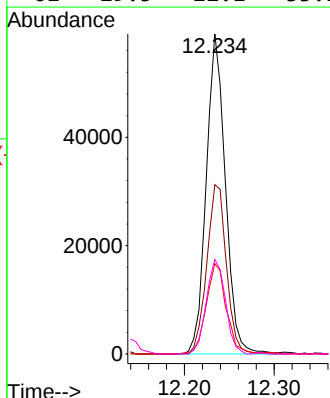
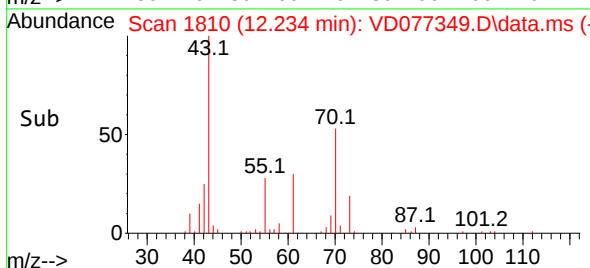
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

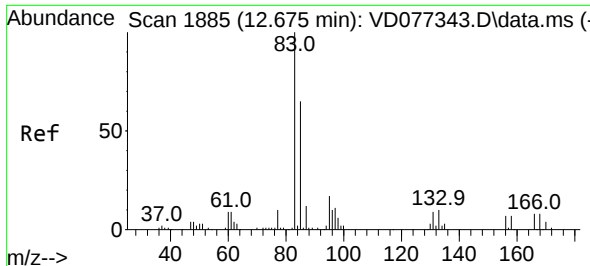


#74
N-ethyl acetate
Concen: 59.859 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



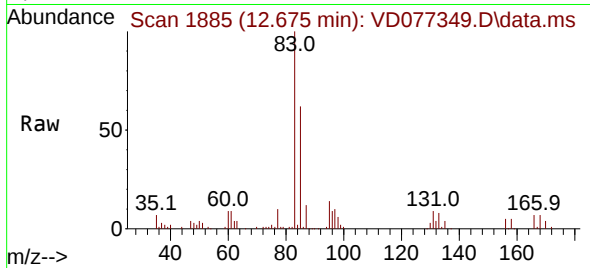
Tgt Ion: 43 Resp: 87539
Ion Ratio Lower Upper
43 100
70 54.3 45.0 67.4
55 29.6 23.8 35.6
61 29.5 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 54.237 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

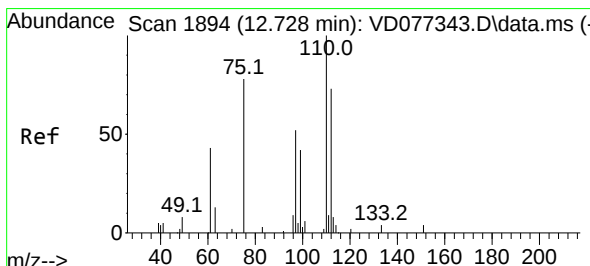
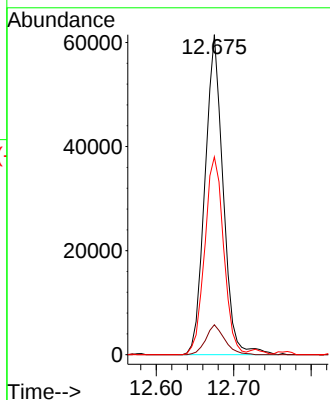
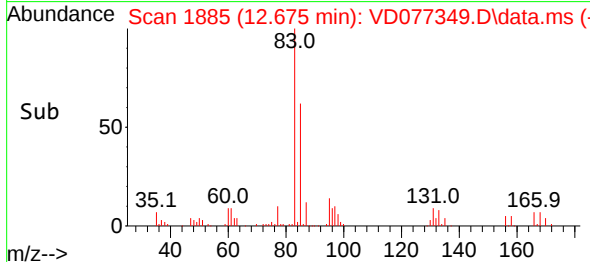
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



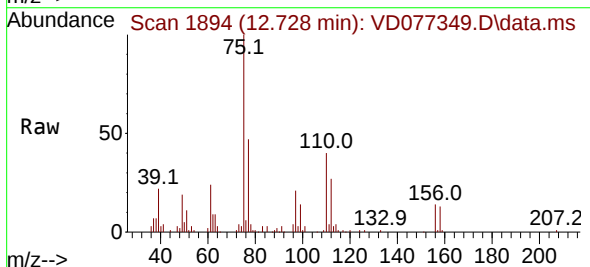
Tgt Ion: 83 Resp: 100190
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.5 32.6 97.8

Manual Integrations
APPROVED

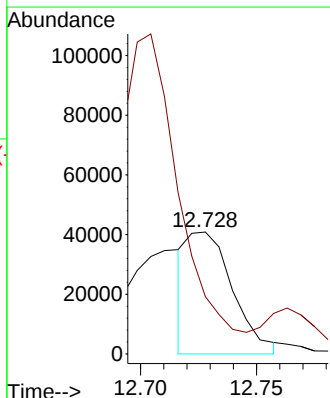
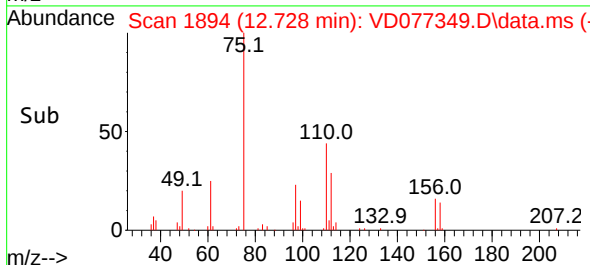
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

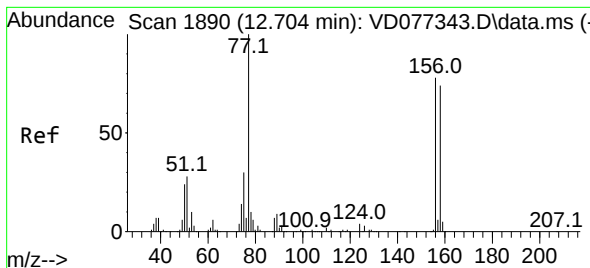


#76
1,2,3-Trichloropropane
Concen: 28.079 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



Tgt Ion: 75 Resp: 55935
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.364 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

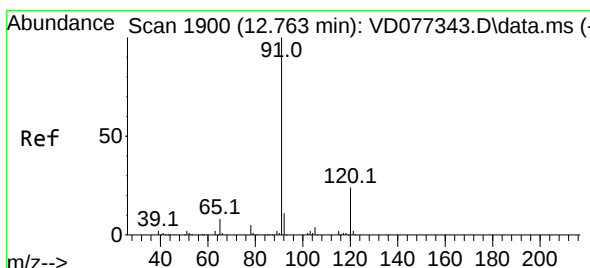
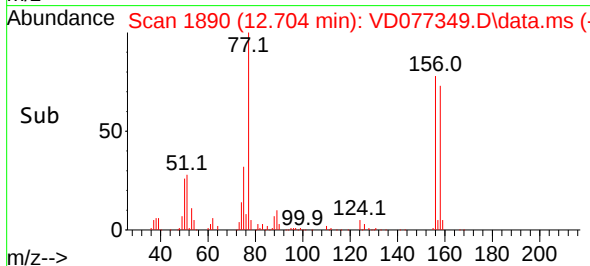
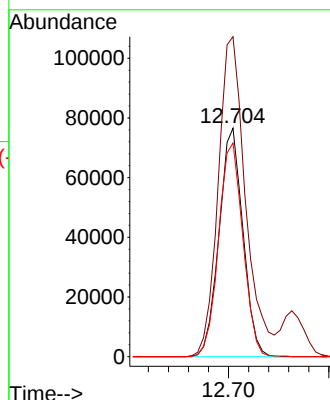
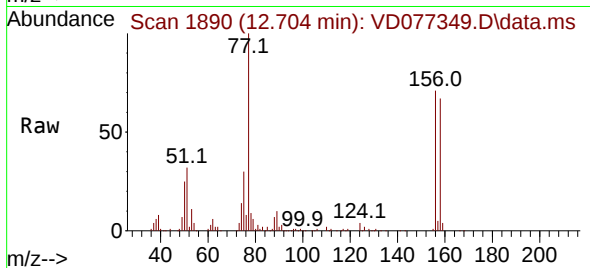
Tgt Ion:	156	Resp:	126400
Ion Ratio	Lower	Upper	
156	100		
77	160.9	76.8	230.4
158	95.3	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 53.570 ug/l

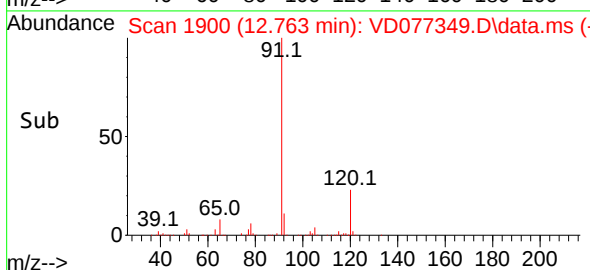
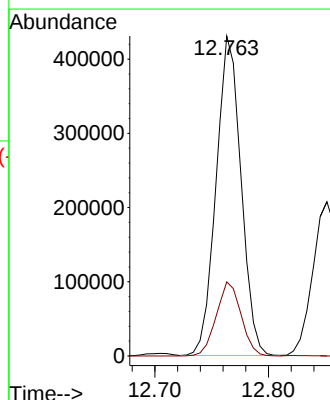
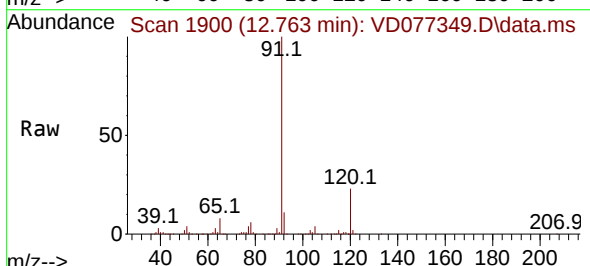
RT: 12.763 min Scan# 1900

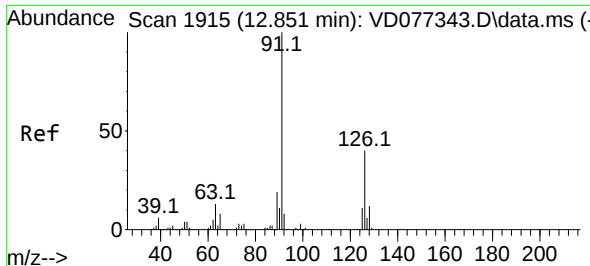
Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Tgt Ion:	91	Resp:	655838
Ion Ratio	Lower	Upper	
91	100		
120	23.0	12.4	37.2





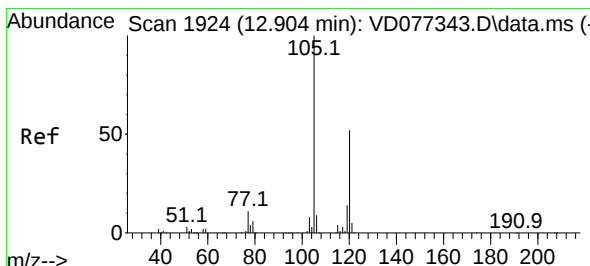
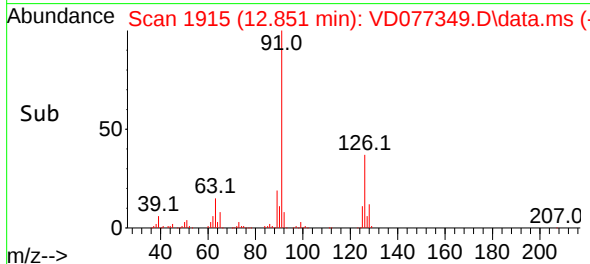
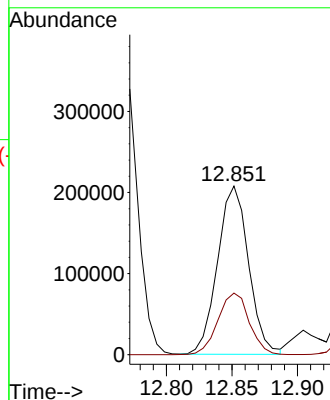
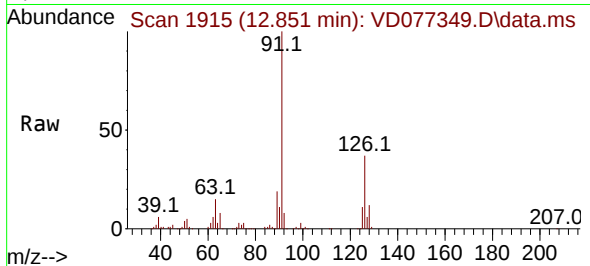
#79
2-Chlorotoluene
Concen: 51.264 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 341840
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.1

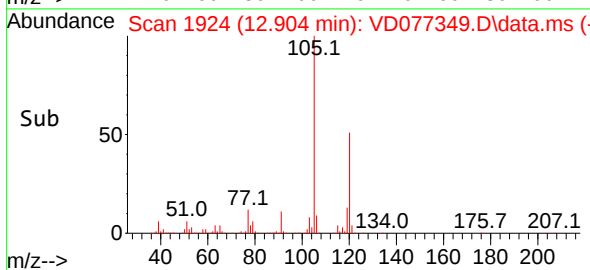
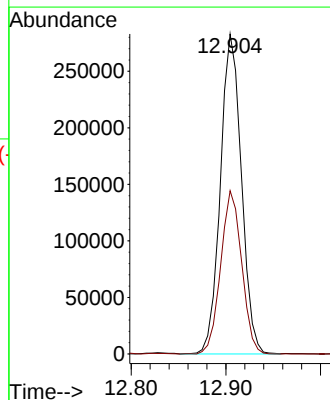
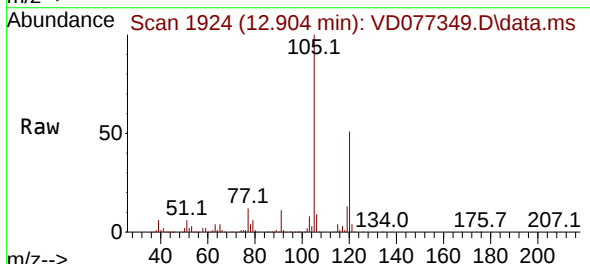
Manual Integrations
APPROVED

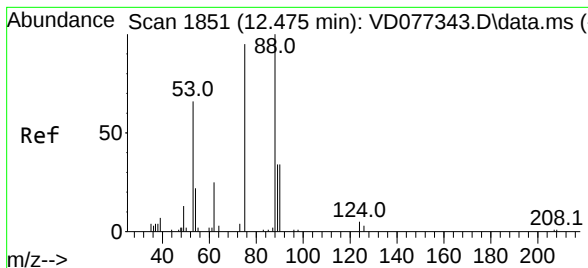
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.096 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion:105 Resp: 437025
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2





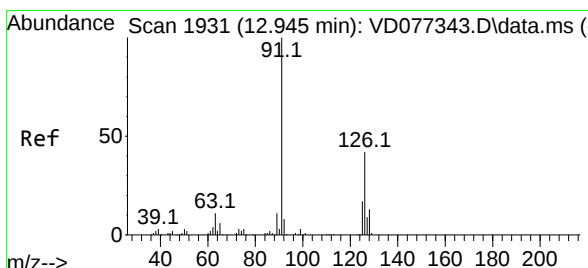
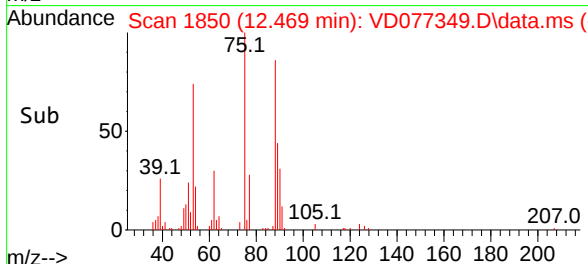
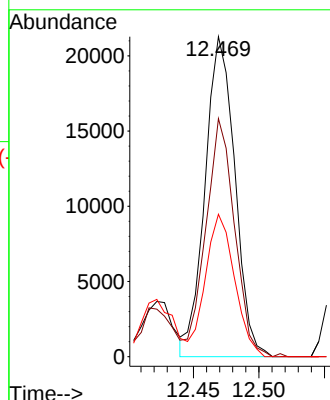
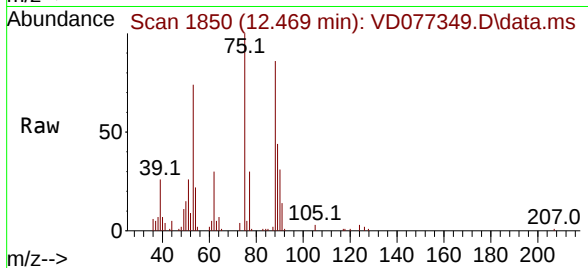
#81
trans-1,4-Dichloro-2-butene
Concen: 58.688 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3366
Ion Ratio Lower Upper
75 100
53 72.3 63.0 94.4
89 43.4 37.9 56.9

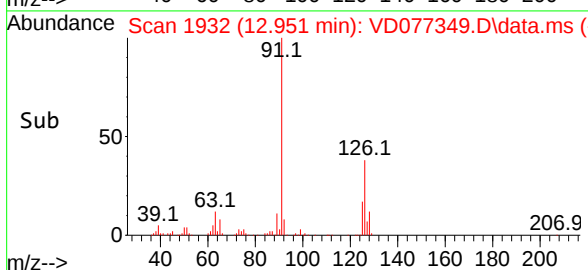
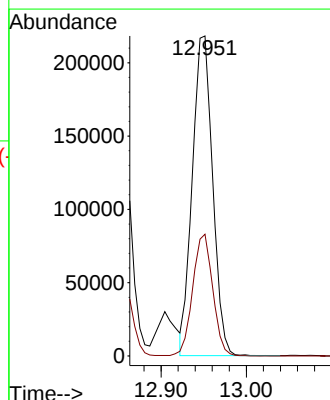
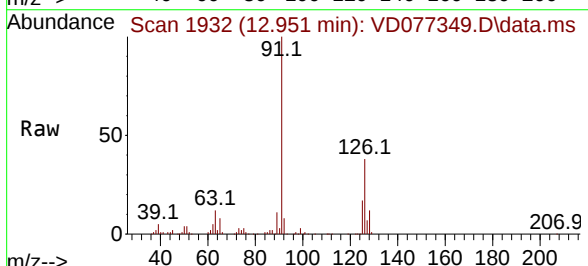
Manual Integrations
APPROVED

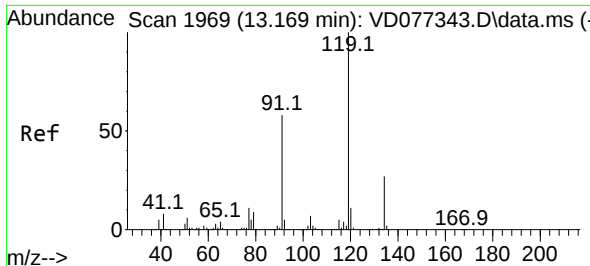
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 51.967 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion: 91 Resp: 360779
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.4





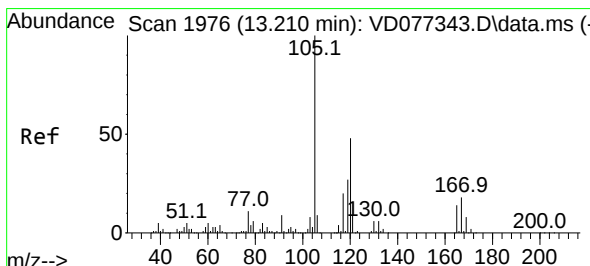
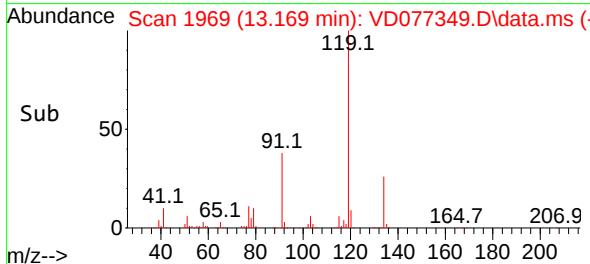
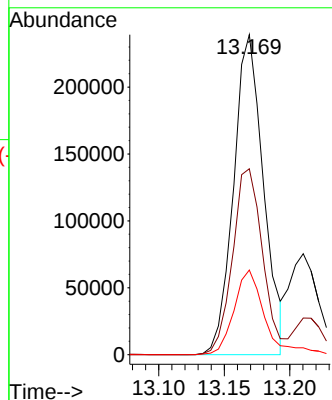
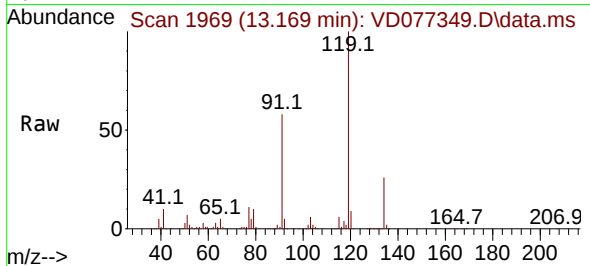
#83
tert-Butylbenzene
Concen: 51.082 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 379917
Ion Ratio Lower Upper
119 100
91 59.1 29.3 87.8
134 27.2 14.1 42.3

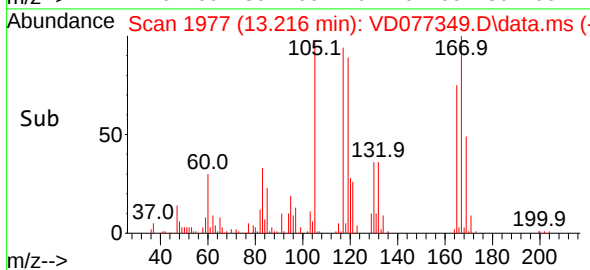
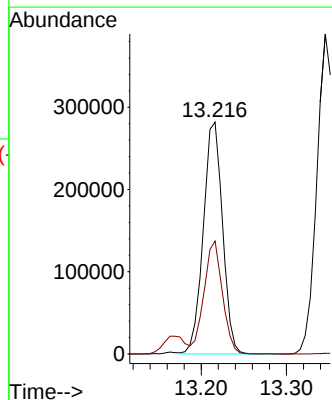
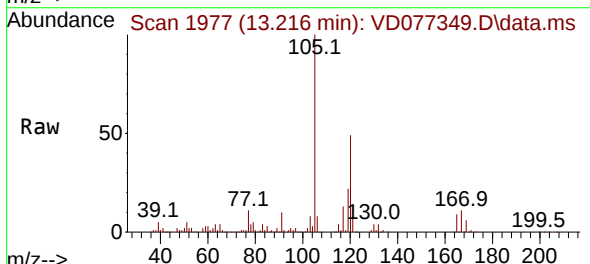
Manual Integrations
APPROVED

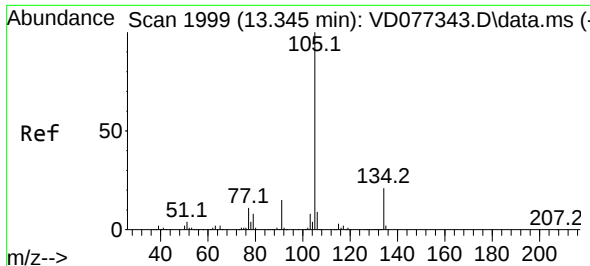
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.436 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion:105 Resp: 442880
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





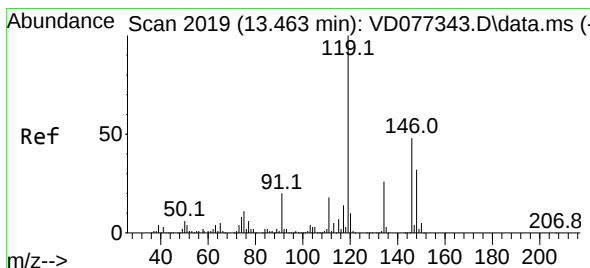
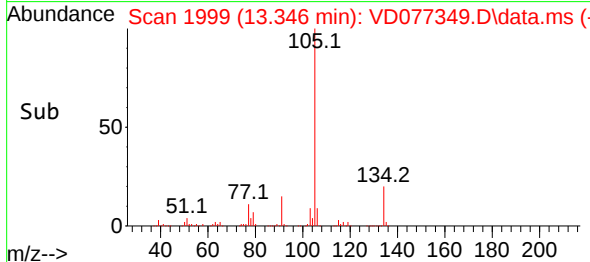
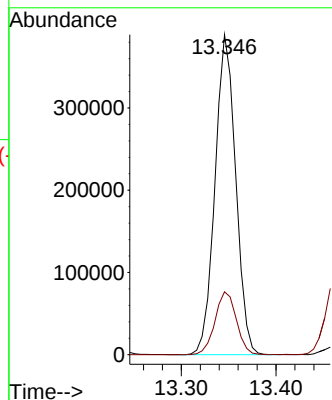
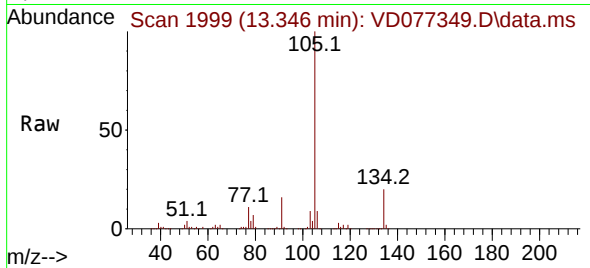
#85
 sec-Butylbenzene
 Concen: 52.778 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077349.D
 Acq: 19 Oct 2023 11:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 590680
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9

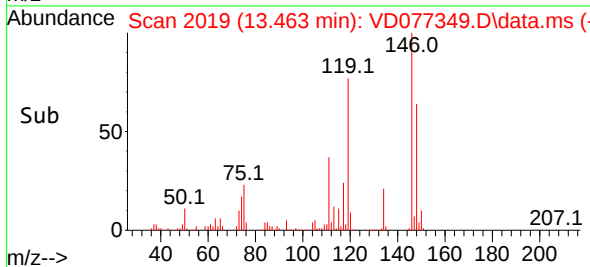
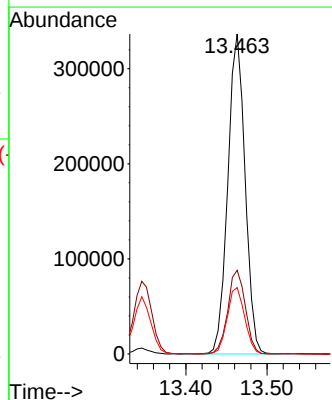
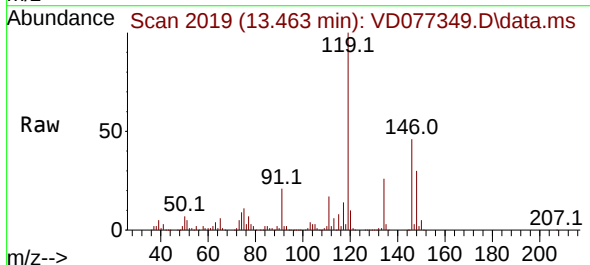
Manual Integrations
 APPROVED

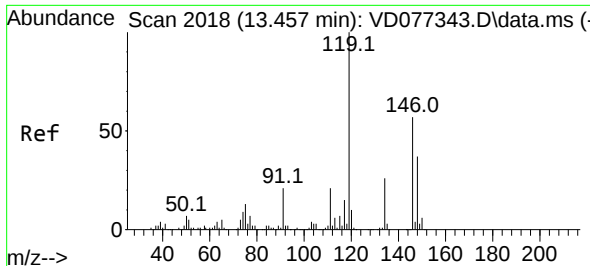
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 51.124 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077349.D
 Acq: 19 Oct 2023 11:30

Tgt Ion:119 Resp: 497069
 Ion Ratio Lower Upper
 119 100
 134 26.7 14.2 42.6
 91 21.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 47.338 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

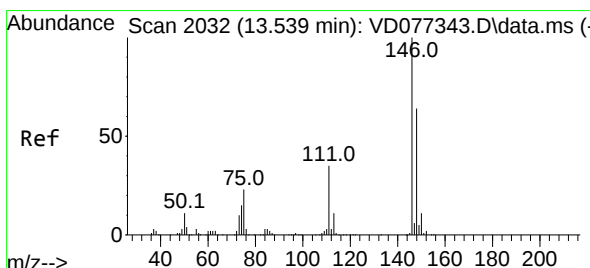
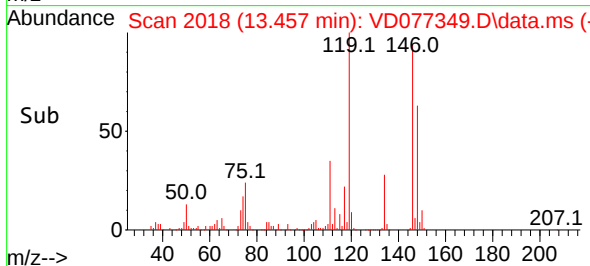
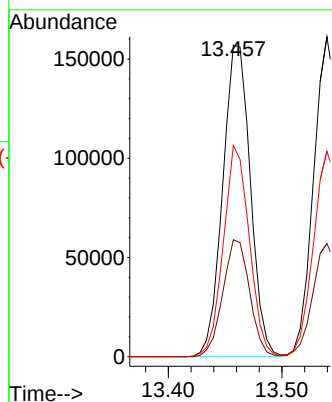
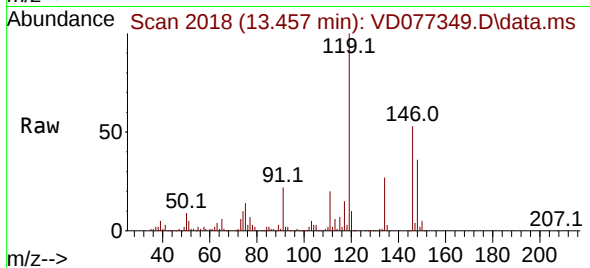
Tgt Ion:146 Resp: 265874
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.9 53.8
 148 63.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 46.304 ug/l

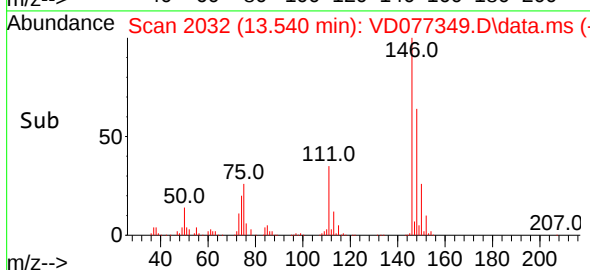
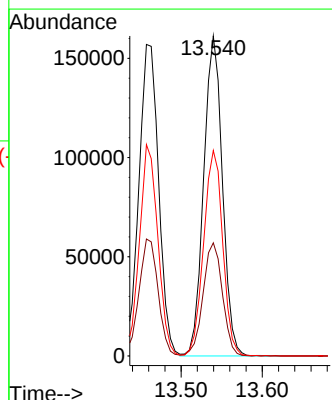
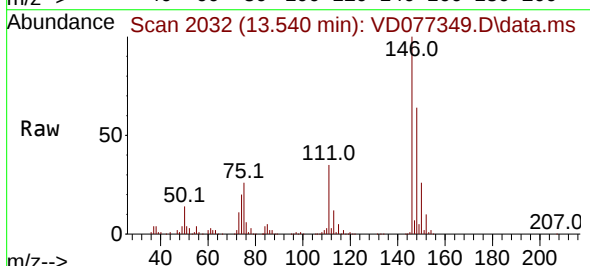
RT: 13.540 min Scan# 2032

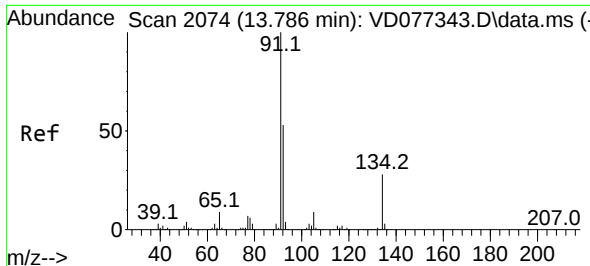
Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Tgt Ion:146 Resp: 257717
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.4 52.3
 148 65.7 31.7 95.1





#89
n-Butylbenzene
Concen: 55.507 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

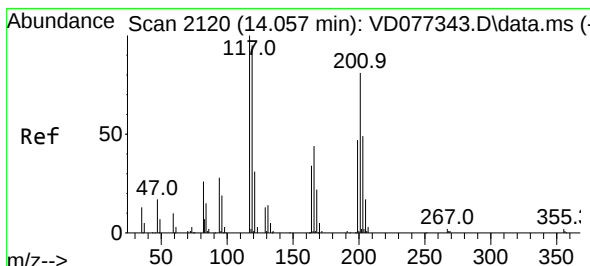
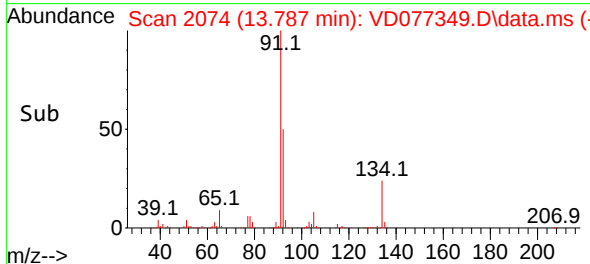
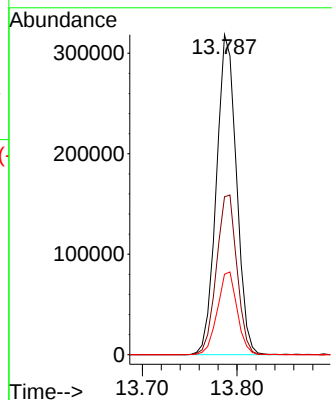
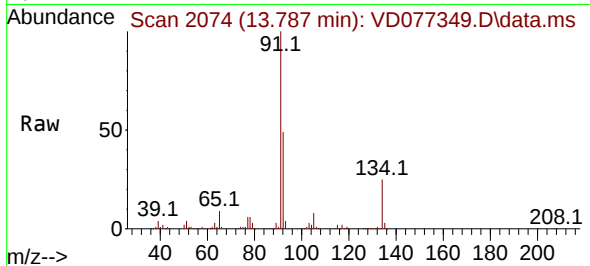
VSTDCCC050

Tgt Ion: 91 Resp: 469934
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 25.5 13.8 41.3

Manual Integrations

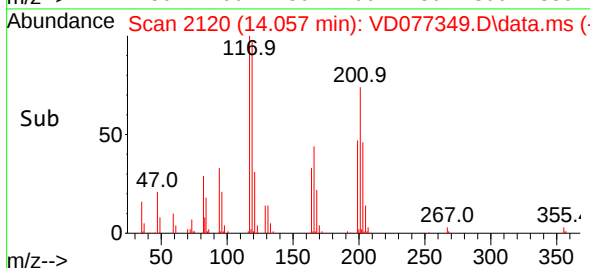
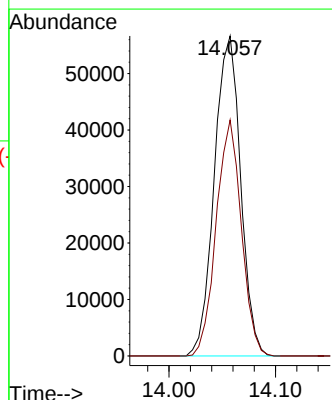
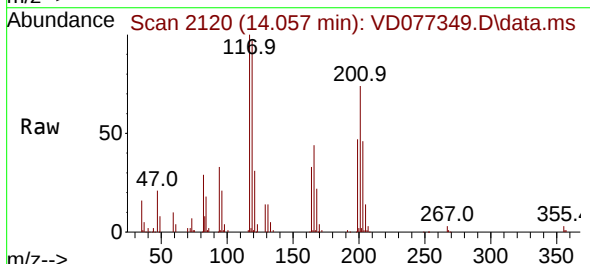
APPROVED

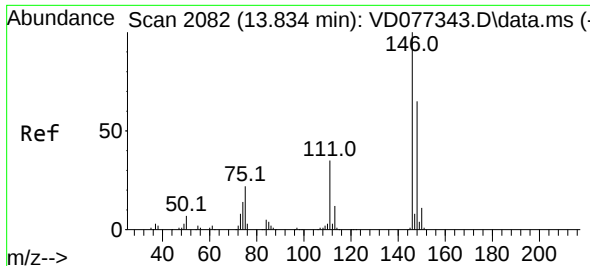
Reviewed By :John Carbone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 49.436 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

Tgt Ion:117 Resp: 97160
Ion Ratio Lower Upper
117 100
201 70.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 47.323 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 224524

Ion Ratio Lower Upper

146 100

111 38.0 18.3 54.8

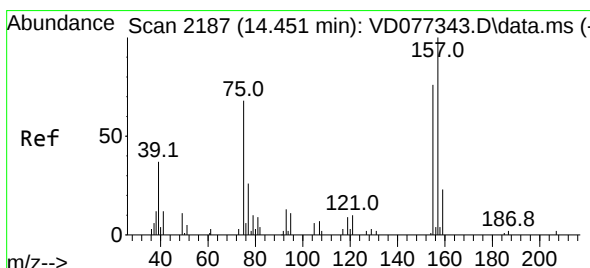
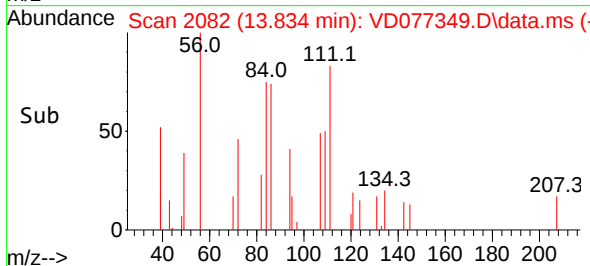
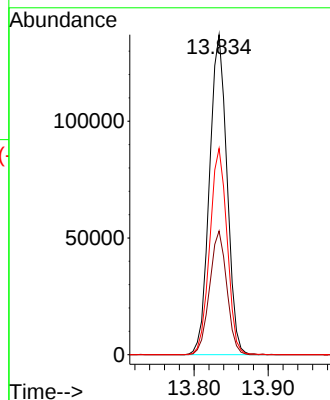
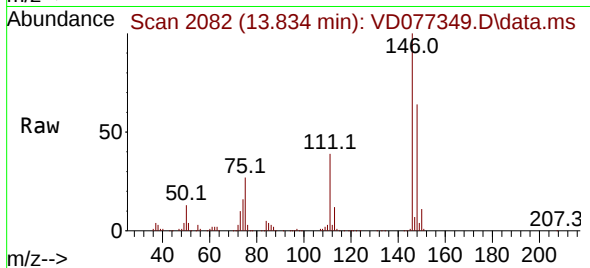
148 63.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.075 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

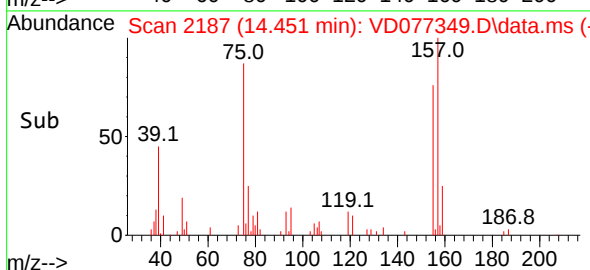
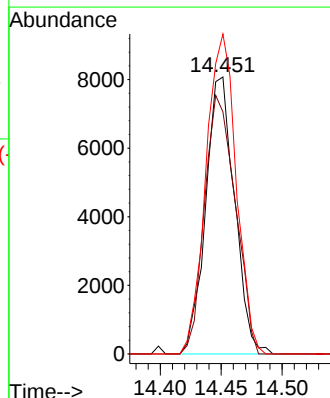
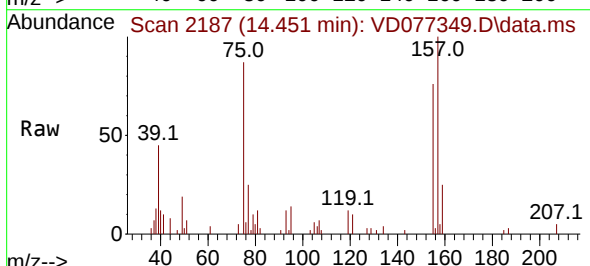
Tgt Ion: 75 Resp: 13357

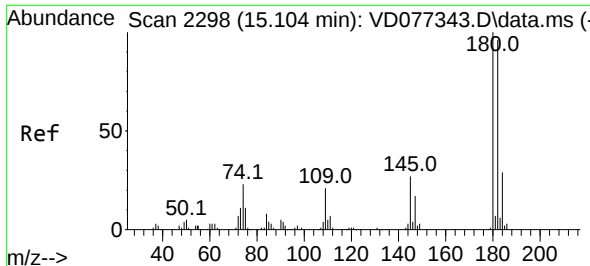
Ion Ratio Lower Upper

75 100

155 99.4 47.9 143.8

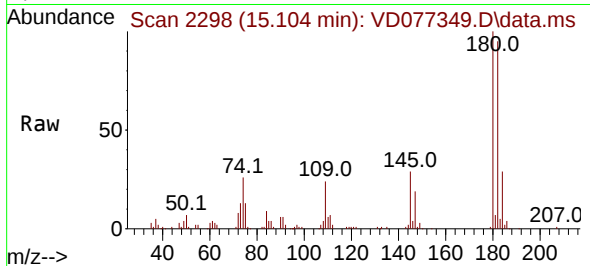
157 120.8 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 45.475 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30

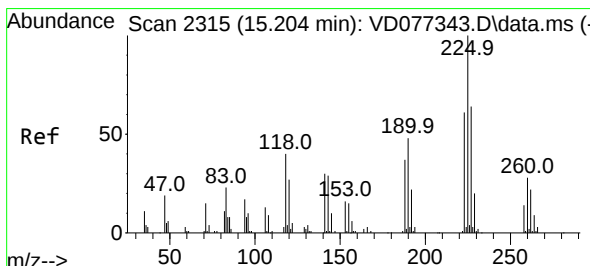
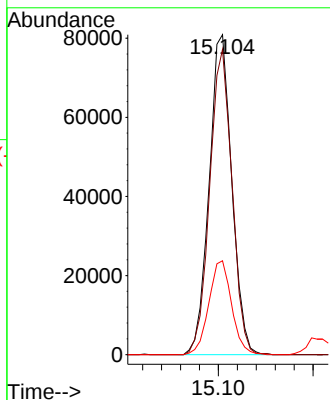
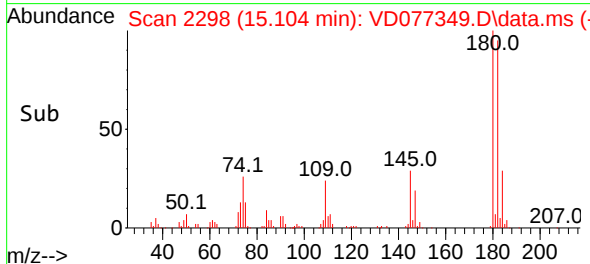
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



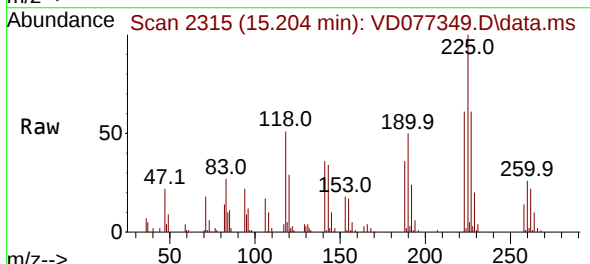
Tgt Ion:180 Resp: 134428
Ion Ratio Lower Upper
180 100
182 93.8 48.5 145.6
145 29.5 14.2 42.6

Manual Integrations
APPROVED

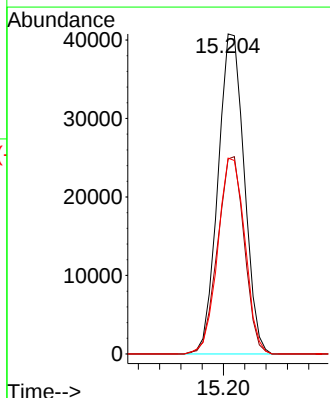
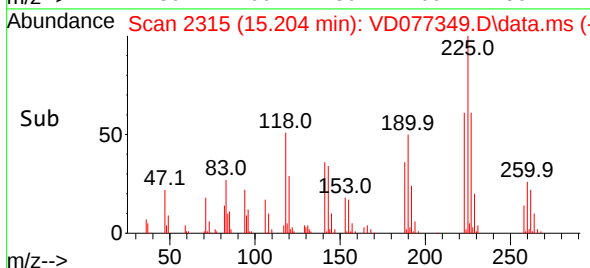
Reviewed By :John Carlone 10/20/2023
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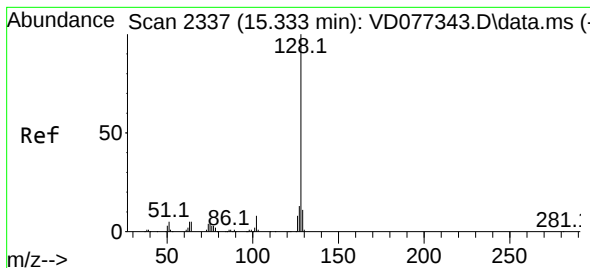


#94
Hexachlorobutadiene
Concen: 41.566 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077349.D
Acq: 19 Oct 2023 11:30



Tgt Ion:225 Resp: 69783
Ion Ratio Lower Upper
225 100
223 62.6 31.6 94.8
227 63.1 31.7 95.1





#95

Naphthalene

Concen: 50.332 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 25121

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

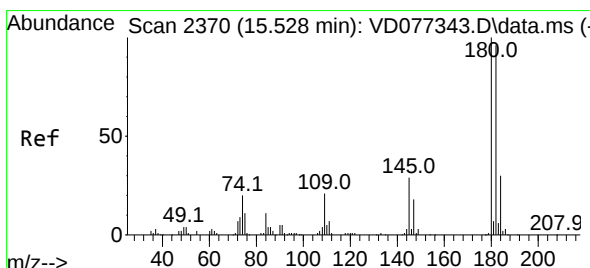
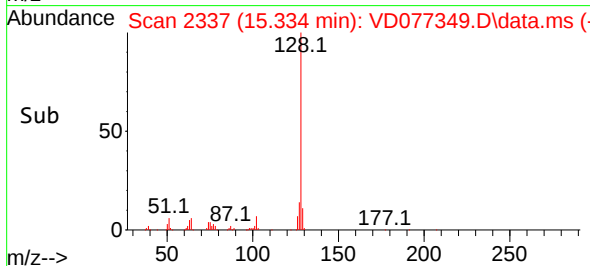
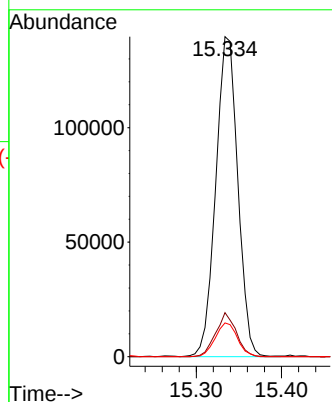
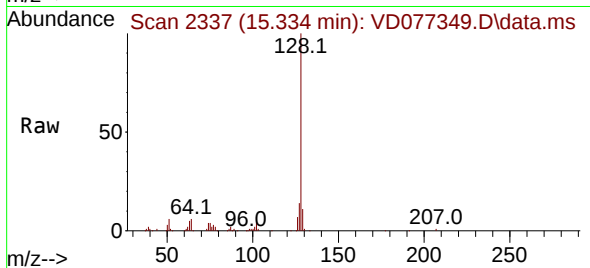
129 10.5 8.7 13.1

Manual Integrations

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Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 45.148 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD077349.D

Acq: 19 Oct 2023 11:30

Tgt Ion:180 Resp: 115841

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 31.5 15.1 45.3

