

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
 Data File : VD077160.D
 Acq On : 20 Sep 2023 10:02
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023

Quant Time: Sep 21 02:21:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	229341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	365861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	182257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	114225	49.351	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.700%		
35) Dibromofluoromethane	7.804	113	133485	52.527	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.060%		
50) Toluene-d8	10.269	98	491953	54.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	108.780%		
62) 4-Bromofluorobenzene	12.575	95	148881	53.104	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	110655	46.689	ug/l	95
3) Chloromethane	2.146	50	216442	49.404	ug/l	99
4) Vinyl Chloride	2.281	62	239042	51.007	ug/l	98
5) Bromomethane	2.687	94	184318	54.001	ug/l	100
6) Chloroethane	2.834	64	163794	56.169	ug/l	98
7) Trichlorofluoromethane	3.175	101	234820	55.436	ug/l	98
8) Diethyl Ether	3.593	74	70338	51.449	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.963	101	137988	52.104	ug/l	99
10) Methyl Iodide	4.157	142	188683	49.847	ug/l	93
11) Tert butyl alcohol	5.046	59	36610	277.424	ug/l	98
12) 1,1-Dichloroethene	3.934	96	133533	50.051	ug/l	92
13) Acrolein	3.793	56	22484	259.293	ug/l	98
14) Allyl chloride	4.557	41	169065	51.941	ug/l	93
15) Acrylonitrile	5.252	53	156836	273.579	ug/l	99
16) Acetone	4.016	43	156561	295.960	ug/l #	85
17) Carbon Disulfide	4.269	76	426715	48.586	ug/l	98
18) Methyl Acetate	4.557	43	108559	54.271	ug/l	92
19) Methyl tert-butyl Ether	5.310	73	316390	54.805	ug/l	95
20) Methylene Chloride	4.799	84	181467	53.493	ug/l	92
21) trans-1,2-Dichloroethene	5.304	96	164393	50.975	ug/l	95
22) Diisopropyl ether	6.210	45	387456	52.648	ug/l	95
23) Vinyl Acetate	6.152	43	810587m	275.509	ug/l	
24) 1,1-Dichloroethane	6.110	63	261580	49.523	ug/l	98
25) 2-Butanone	7.075	43	201018	288.841	ug/l	89
26) 2,2-Dichloropropane	7.075	77	238364	53.164	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	184190	50.805	ug/l	97
28) Bromochloromethane	7.428	49	83185	51.287	ug/l	89
29) Tetrahydrofuran	7.446	42	113944	280.069	ug/l	90
30) Chloroform	7.593	83	287024	50.421	ug/l	100
31) Cyclohexane	7.875	56	205130	50.659	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	246617	51.901	ug/l	98
36) 1,1-Dichloropropene	8.004	75	210626	55.035	ug/l	98
37) Ethyl Acetate	7.169	43	82838	56.416	ug/l	97
38) Carbon Tetrachloride	7.993	117	211982	56.355	ug/l	99
39) Methylcyclohexane	9.275	83	242774	55.132	ug/l	91
40) Benzene	8.251	78	635794	53.695	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	40581	51.780	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	158677	54.051	ug/l	96
43) Isopropyl Acetate	8.363	43	156370	57.840	ug/l	92
44) Trichloroethene	9.028	130	173052	52.805	ug/l	96
45) 1,2-Dichloropropane	9.304	63	154360	53.672	ug/l	97
46) Dibromomethane	9.393	93	91970	55.031	ug/l	95
47) Bromodichloromethane	9.587	83	219307	54.303	ug/l	99
48) Methyl methacrylate	9.381	41	72057	58.657	ug/l	87
49) 1,4-Dioxane	9.387	88	19720	1307.231	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	413591	292.520	ug/l	93
52) Toluene	10.334	92	419807	55.420	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	208634	55.296	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	243664	53.902	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	127317	56.011	ug/l	97
56) Ethyl methacrylate	10.598	69	144852	59.316	ug/l	93
57) 1,3-Dichloropropane	10.875	76	206205	56.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	322182	254.750	ug/l	98
59) 2-Hexanone	10.922	43	312923	308.462	ug/l	90
60) Dibromochloromethane	11.075	129	154794	55.600	ug/l	98
61) 1,2-Dibromoethane	11.181	107	121245	55.175	ug/l	99
64) Tetrachloroethene	10.810	164	145151	52.651	ug/l	89
65) Chlorobenzene	11.610	112	437117	52.441	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	163297	53.549	ug/l	96
67) Ethyl Benzene	11.687	91	779398	54.399	ug/l	97
68) m/p-Xylenes	11.792	106	632172	110.199	ug/l	93
69) o-Xylene	12.122	106	288970	54.881	ug/l	92
70) Styrene	12.134	104	511349	57.003	ug/l	98
71) Bromoform	12.298	173	91966	54.405	ug/l #	99
73) Isopropylbenzene	12.422	105	746414	55.425	ug/l	96
74) N-amyl acetate	12.234	43	147497	58.306	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	144237	56.754	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	72363m	49.775	ug/l	
77) Bromobenzene	12.704	156	179437	53.511	ug/l	93
78) n-propylbenzene	12.763	91	922644	56.050	ug/l	96
79) 2-Chlorotoluene	12.851	91	493318	54.346	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	629054	55.931	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	44411	57.821	ug/l	97
82) 4-Chlorotoluene	12.945	91	522489	54.766	ug/l	97
83) tert-Butylbenzene	13.169	119	536640	55.848	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	629614	55.207	ug/l	96
85) sec-Butylbenzene	13.345	105	799236	55.430	ug/l	97
86) p-Isopropyltoluene	13.457	119	677784	55.411	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	368521	53.438	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	359733	53.018	ug/l	98
89) n-Butylbenzene	13.786	91	616791	54.661	ug/l	99
90) Hexachloroethane	14.051	117	128357	52.912	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	316642	53.552	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19895	58.627	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	200656	55.006	ug/l	98
94) Hexachlorobutadiene	15.204	225	96449	49.894	ug/l	98
95) Naphthalene	15.333	128	382510	57.183	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	174660	53.867	ug/l	98

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

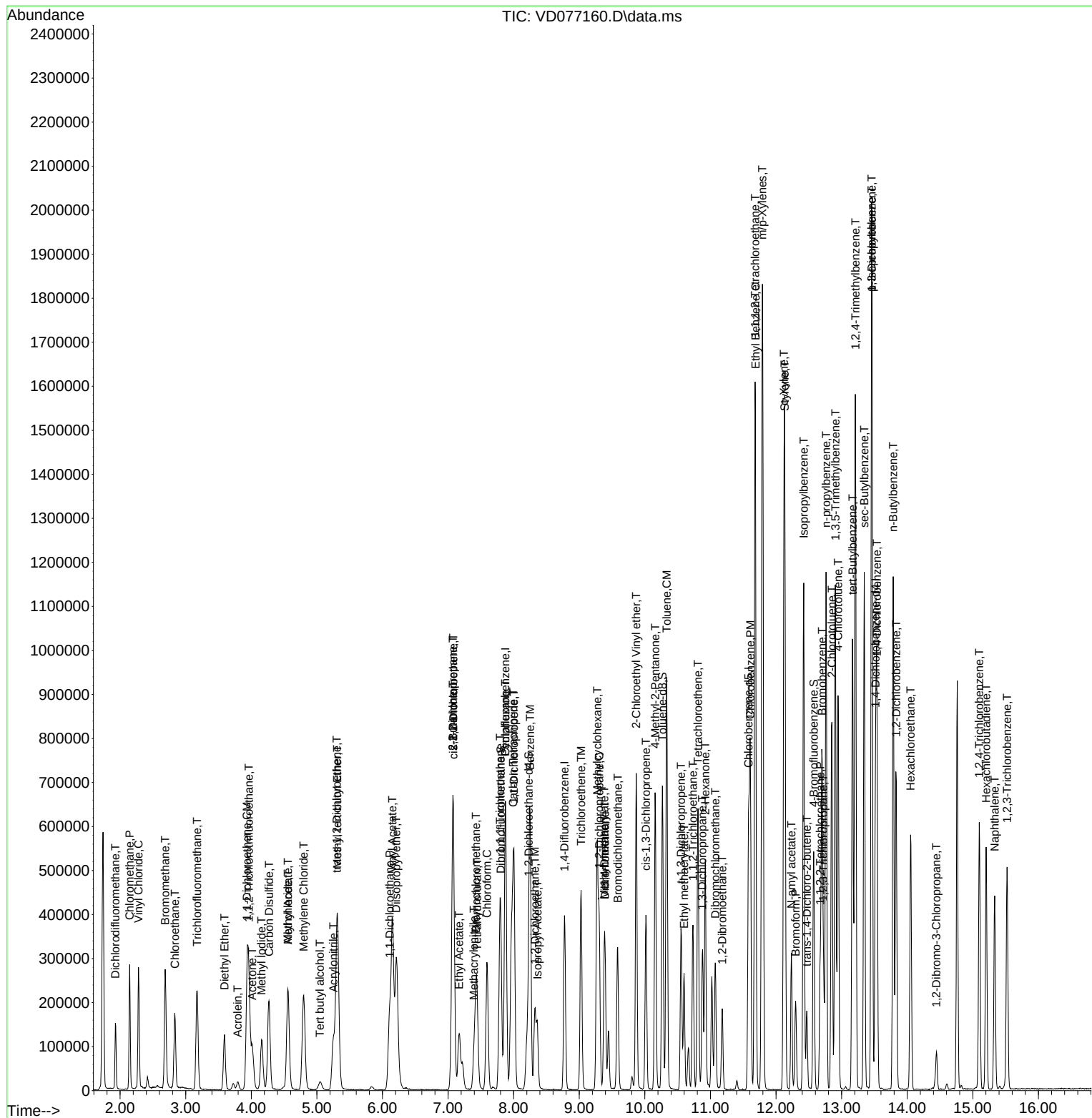
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
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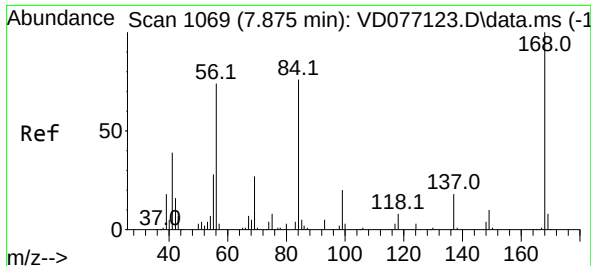
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Manual Integrations APPROVED

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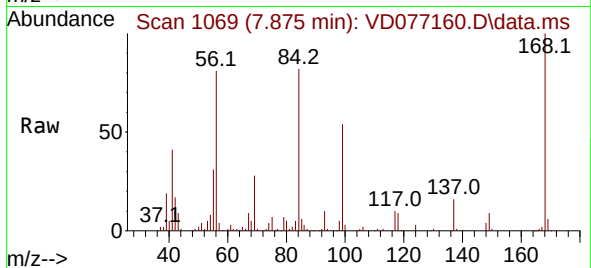
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

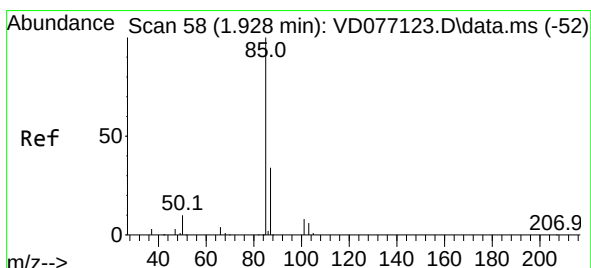
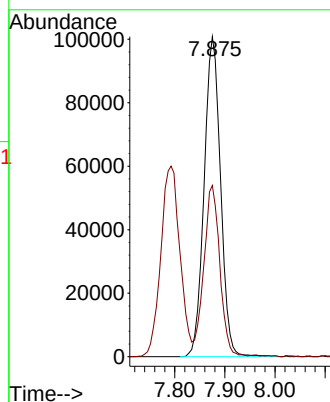
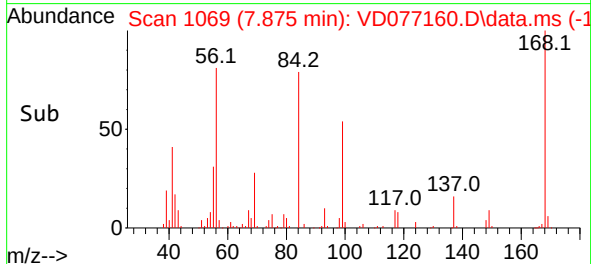
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 22934
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1

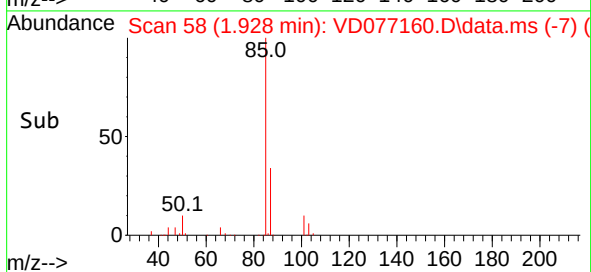
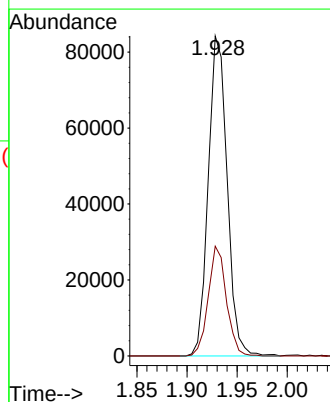
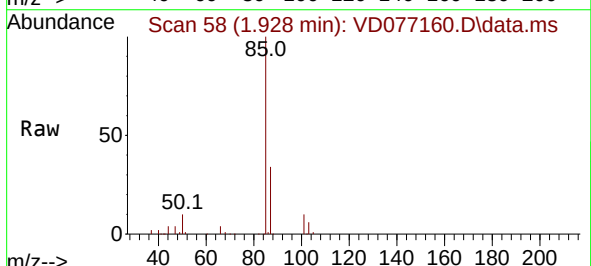
Manual Integrations
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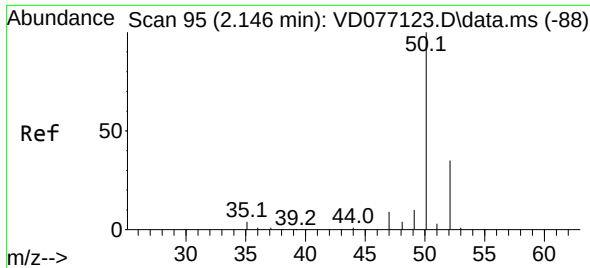
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#2
Dichlorodifluoromethane
Concen: 46.689 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

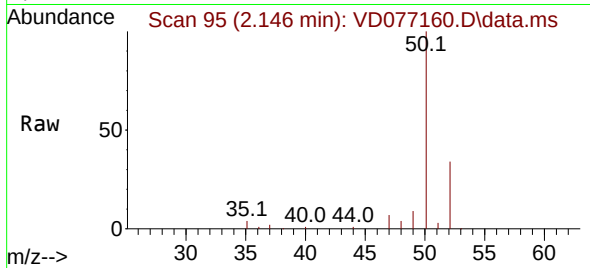
Tgt Ion: 85 Resp: 110655
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.0





#3
Chloromethane
Concen: 49.404 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

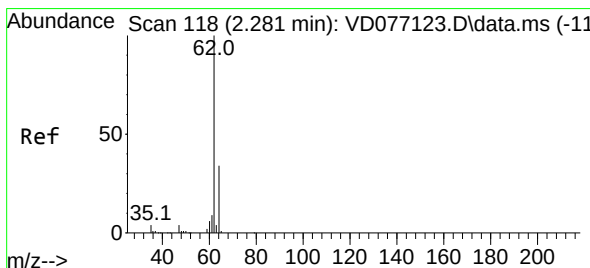
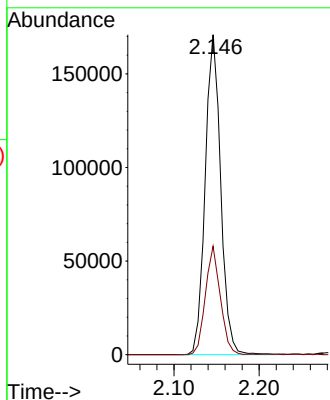
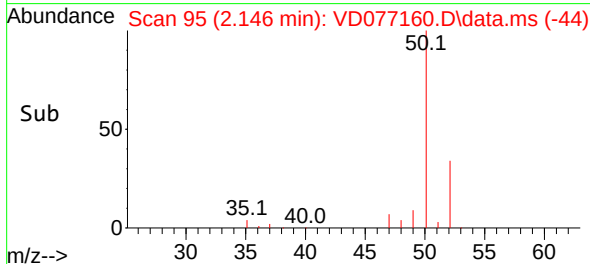
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 21644
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

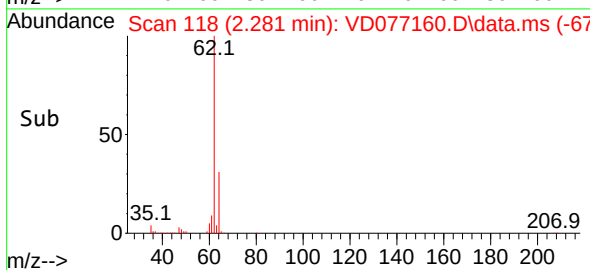
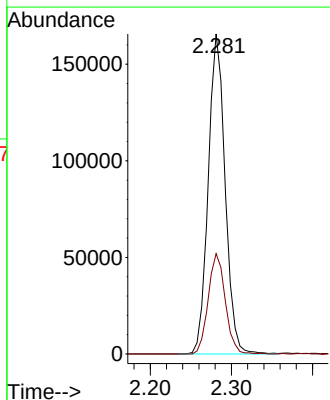
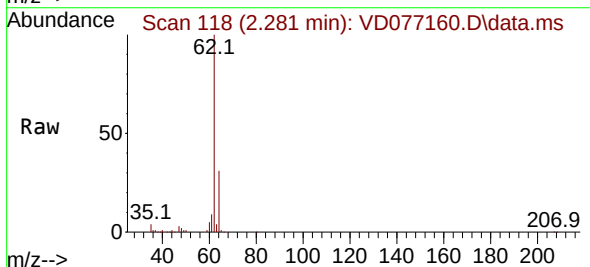
Manual Integrations
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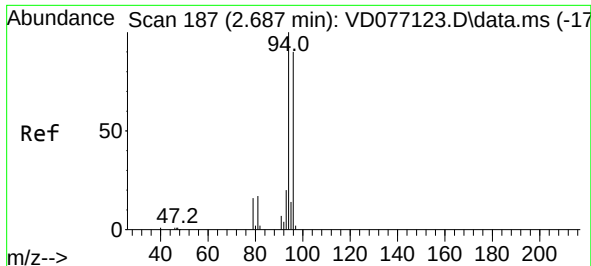
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#4
Vinyl Chloride
Concen: 51.007 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

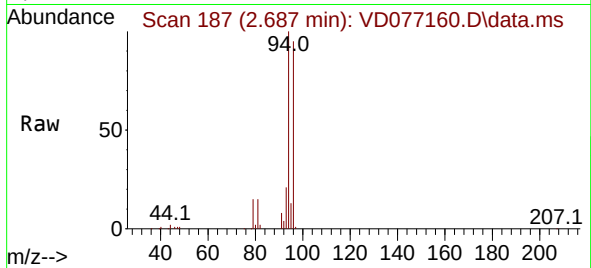
Tgt Ion: 62 Resp: 239042
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 54.001 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

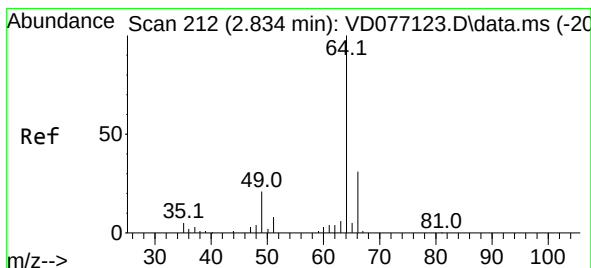
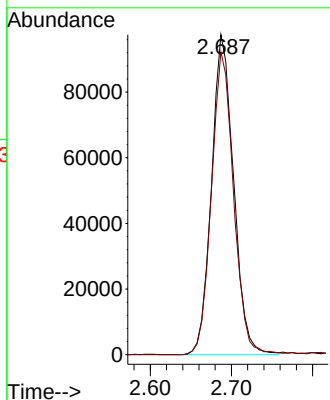
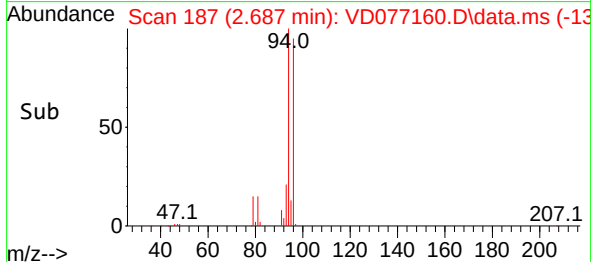
Instrument :
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Tgt Ion: 94 Resp: 184318
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8

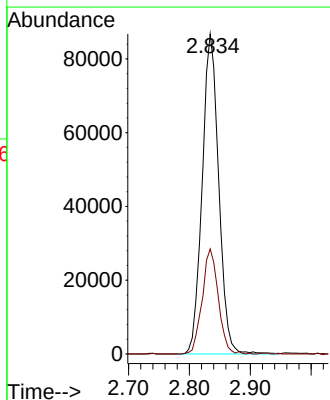
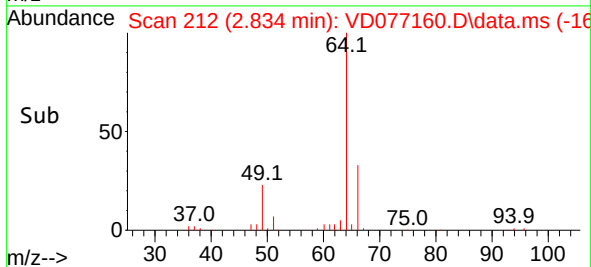
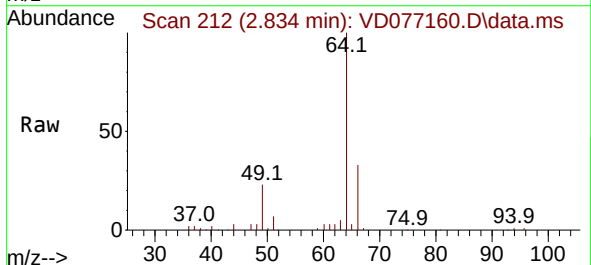
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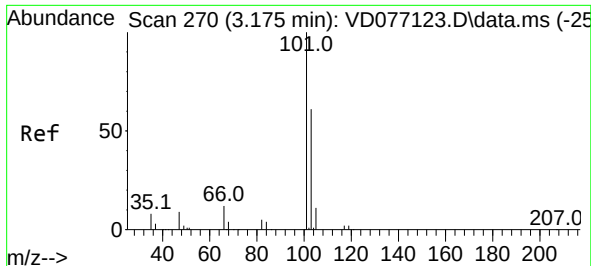
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#6
Chloroethane
Concen: 56.169 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

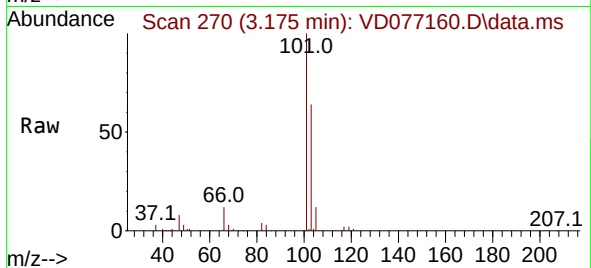
Tgt Ion: 64 Resp: 163794
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3





#7
Trichlorofluoromethane
Concen: 55.436 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

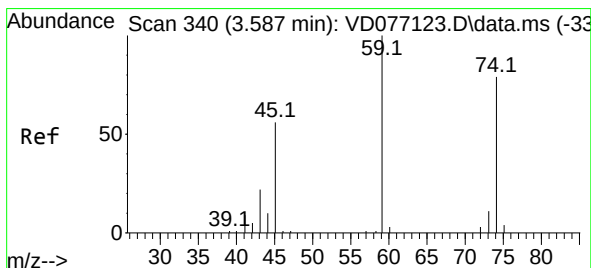
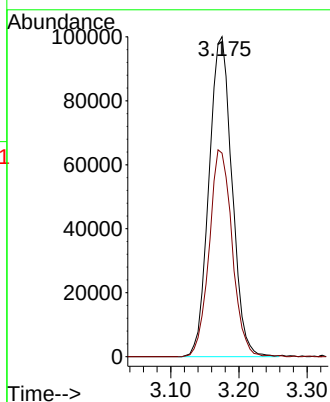
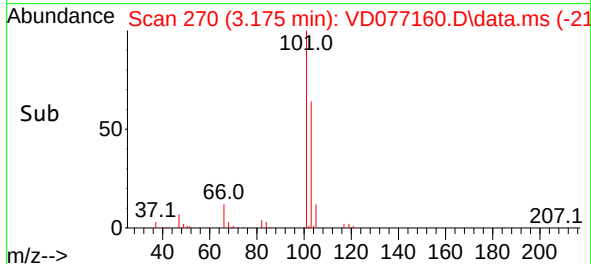
Instrument :
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Tgt Ion:101 Resp: 234820
Ion Ratio Lower Upper
101 100
103 63.6 52.3 78.5

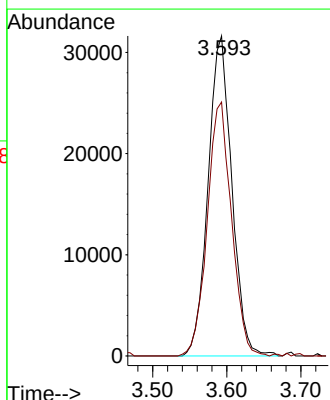
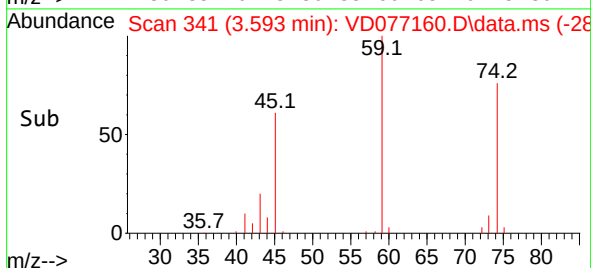
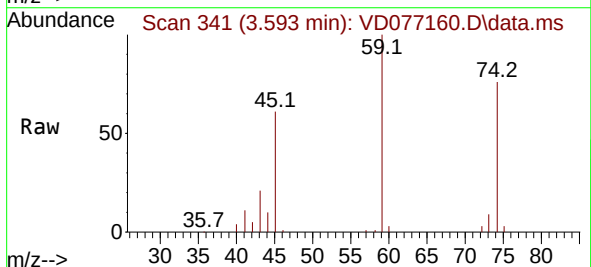
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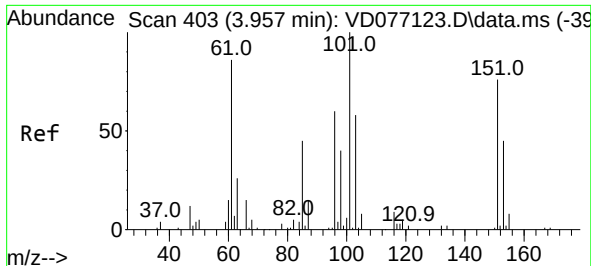
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#8
Diethyl Ether
Concen: 51.449 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Tgt Ion: 74 Resp: 70338
Ion Ratio Lower Upper
74 100
45 81.1 37.5 112.7





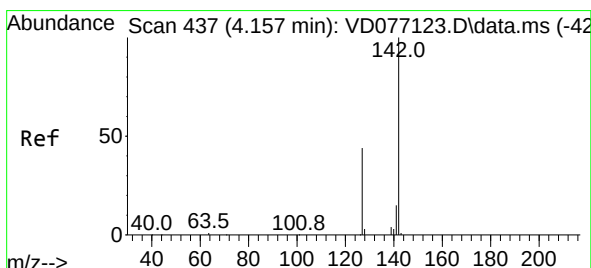
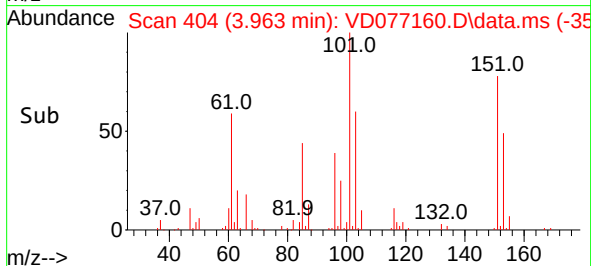
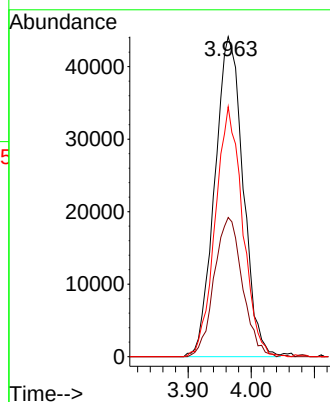
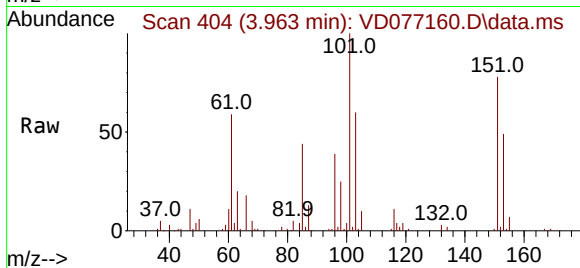
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.104 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 137988
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 75.4 59.8 89.6

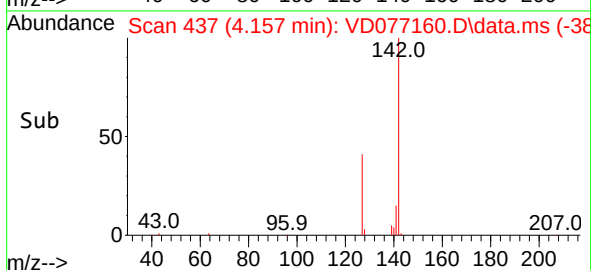
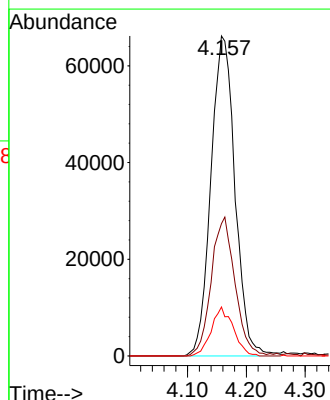
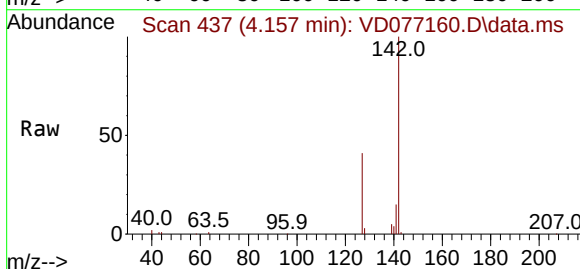
Manual Integrations
APPROVED

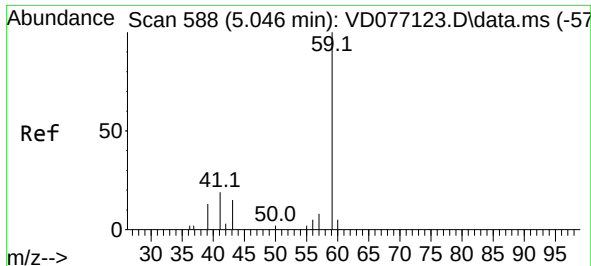
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#10
Methyl Iodide
Concen: 49.847 ug/l
RT: 4.157 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

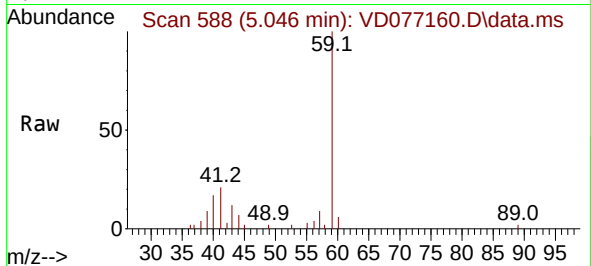
Tgt Ion:142 Resp: 188683
Ion Ratio Lower Upper
142 100
127 42.6 29.4 44.0
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 277.424 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

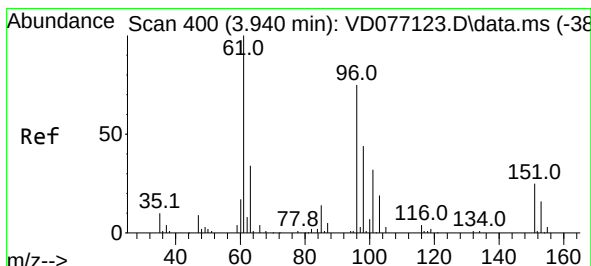
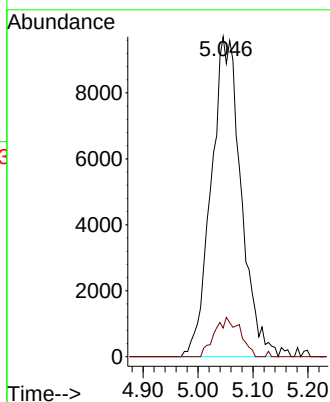
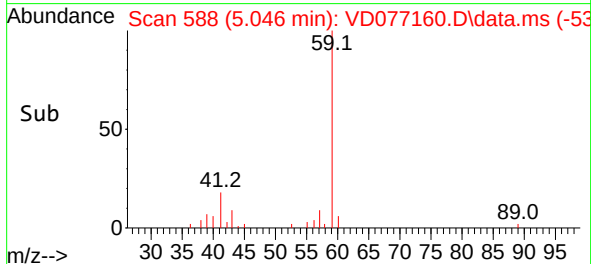
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



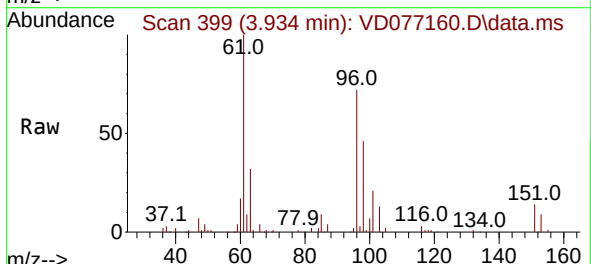
Tgt Ion: 59 Resp: 36610
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8

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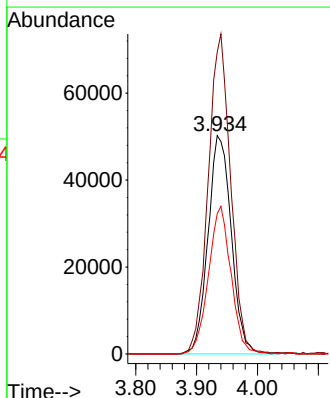
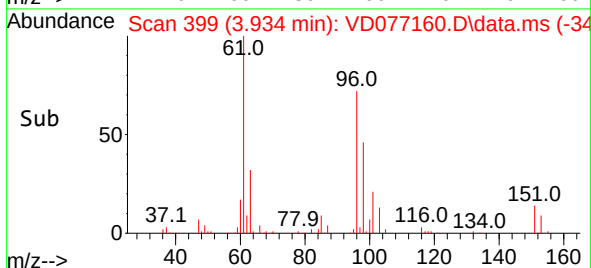
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

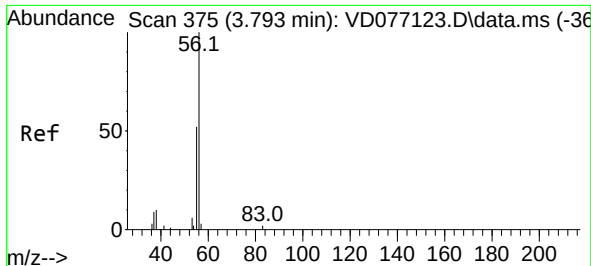


#12
1,1-Dichloroethene
Concen: 50.051 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



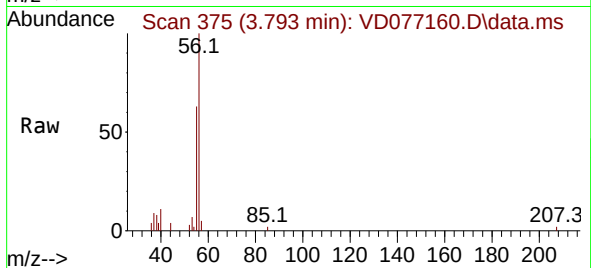
Tgt Ion: 96 Resp: 133533
Ion Ratio Lower Upper
96 100
61 138.2 100.6 150.8
98 64.3 50.2 75.2





#13
Acrolein
Concen: 259.293 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

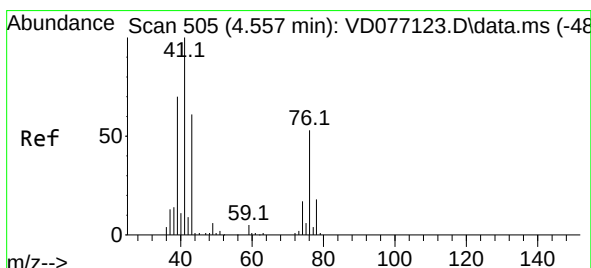
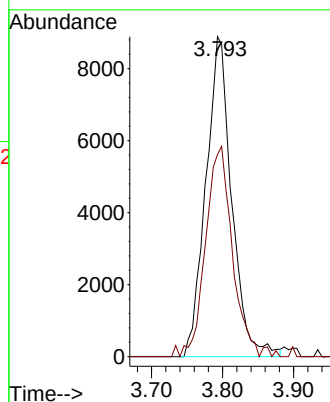
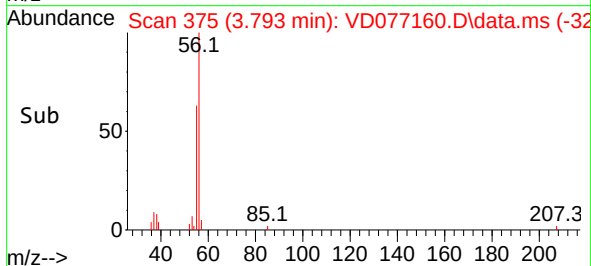
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 22484
Ion Ratio Lower Upper
56 100
55 67.1 55.1 82.7

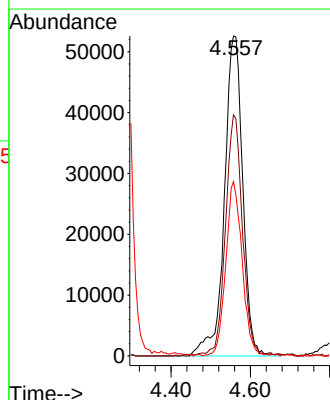
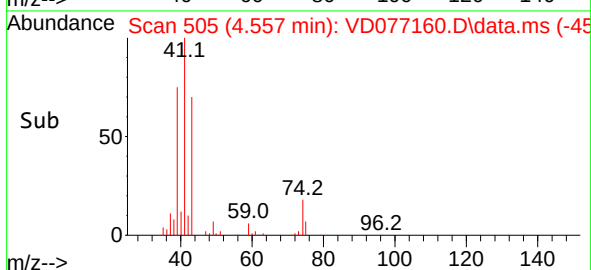
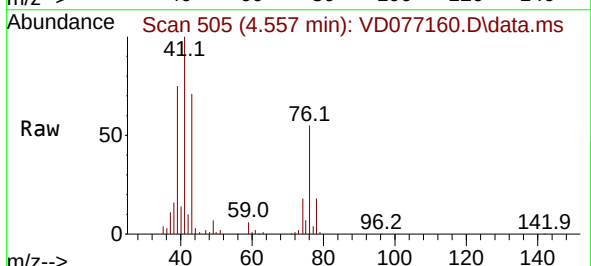
Manual Integrations
APPROVED

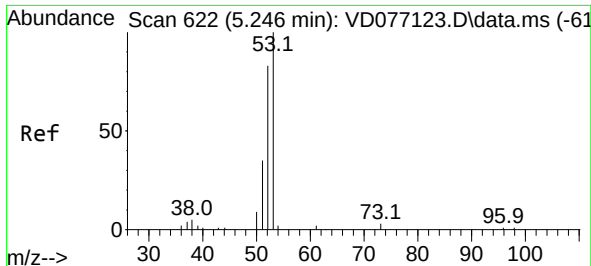
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#14
Allyl chloride
Concen: 51.941 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

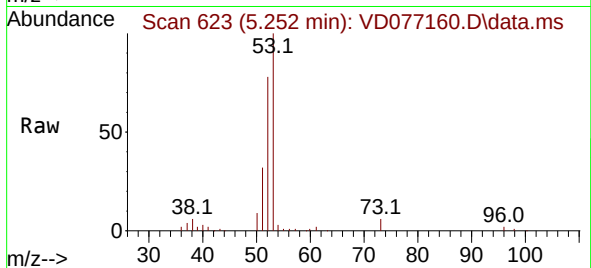
Tgt Ion: 41 Resp: 169065
Ion Ratio Lower Upper
41 100
39 69.7 53.8 80.6
76 48.7 45.8 68.8





#15
Acrylonitrile
Concen: 273.579 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

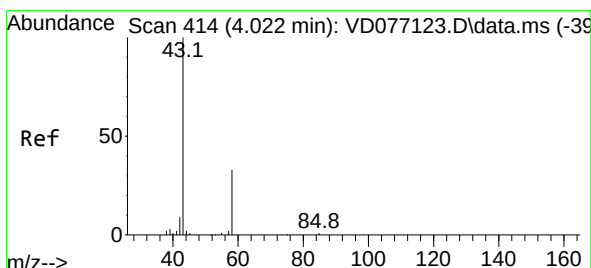
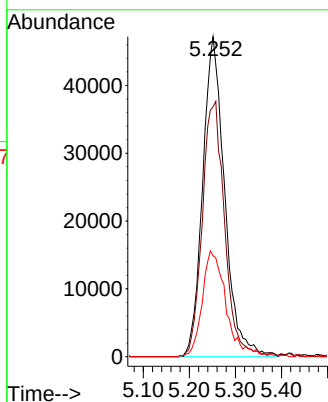
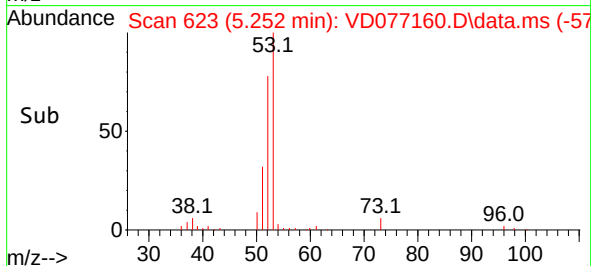
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 156830
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.4
51 35.7 28.3 42.5

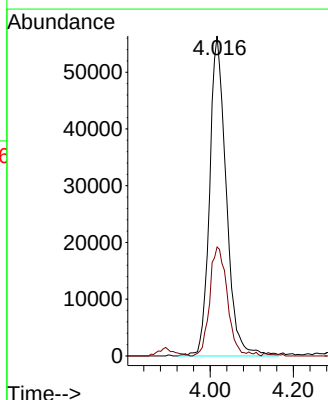
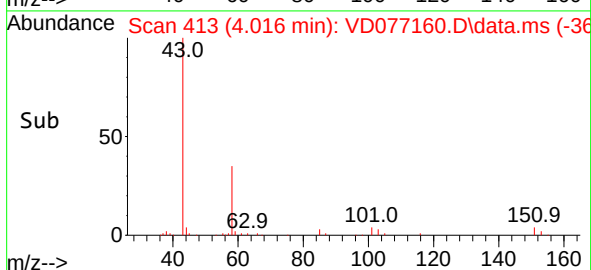
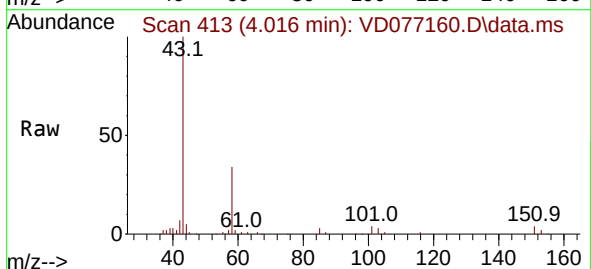
Manual Integrations
APPROVED

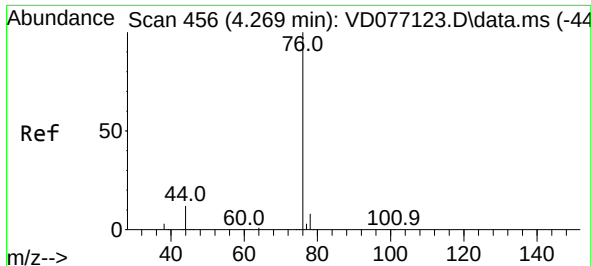
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#16
Acetone
Concen: 295.960 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

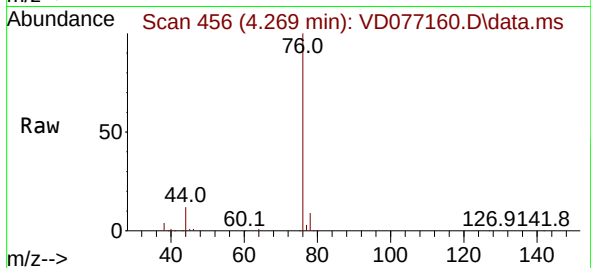
Tgt Ion: 43 Resp: 156561
Ion Ratio Lower Upper
43 100
58 33.6 34.7 52.1#





#17
Carbon Disulfide
Concen: 48.586 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

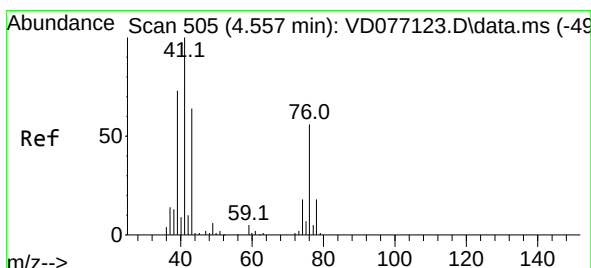
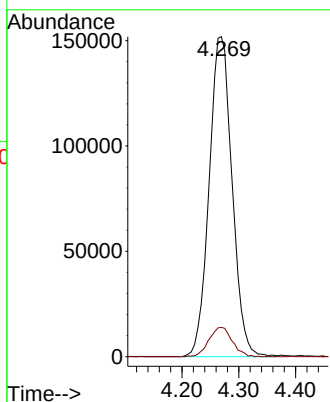
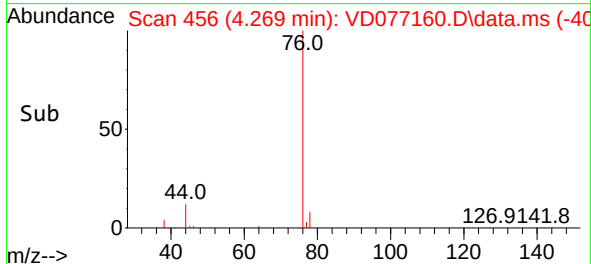
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 426715
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

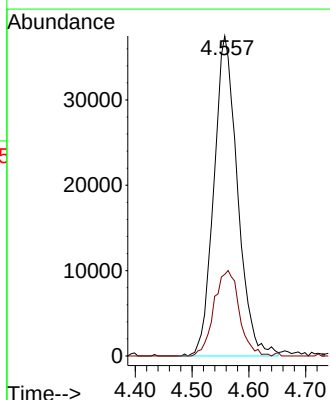
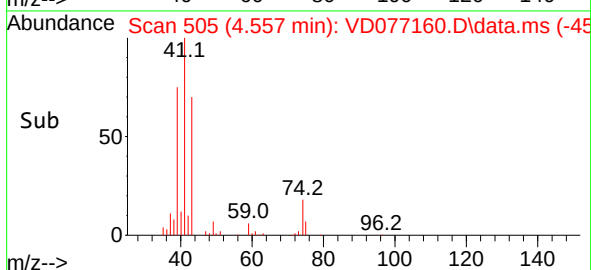
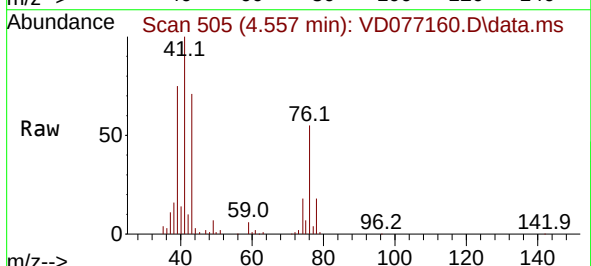
Manual Integrations
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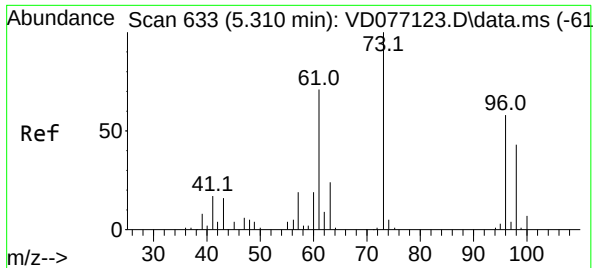
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#18
Methyl Acetate
Concen: 54.271 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Tgt Ion: 43 Resp: 108559
Ion Ratio Lower Upper
43 100
74 28.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 54.805 ug/l

RT: 5.310 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 316390

Ion Ratio Lower Upper

73 100

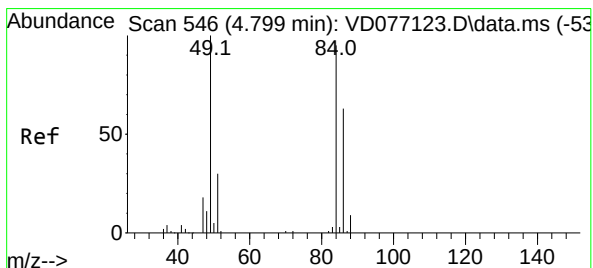
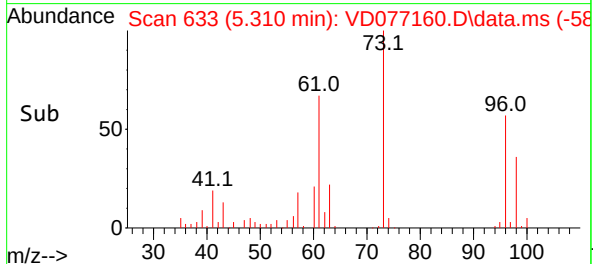
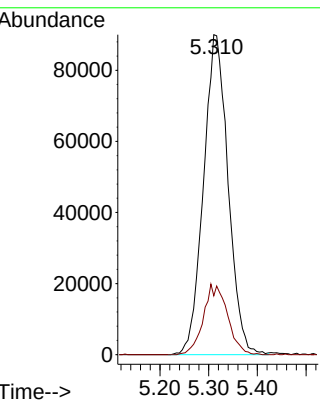
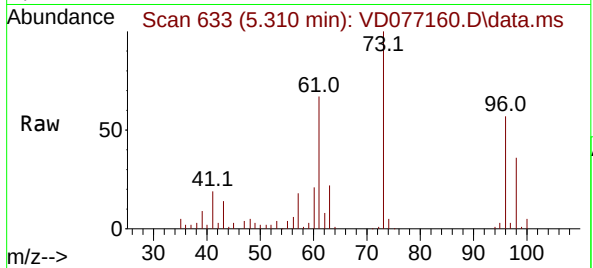
57 18.4 16.6 25.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#20

Methylene Chloride

Concen: 53.493 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion: 84 Resp: 181467

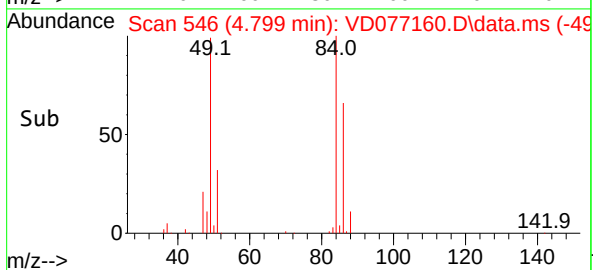
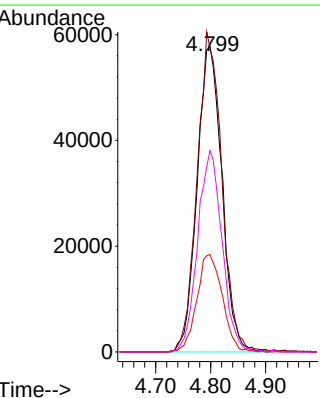
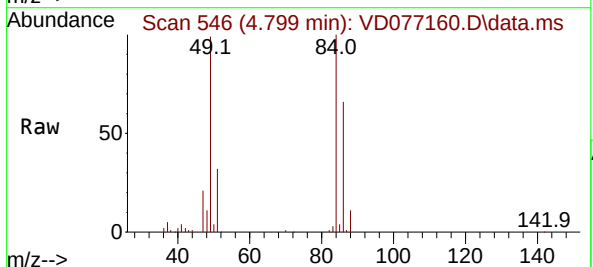
Ion Ratio Lower Upper

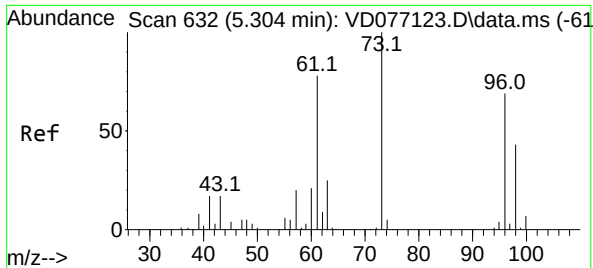
84 100

49 99.5 71.4 107.2

51 31.9 24.5 36.7

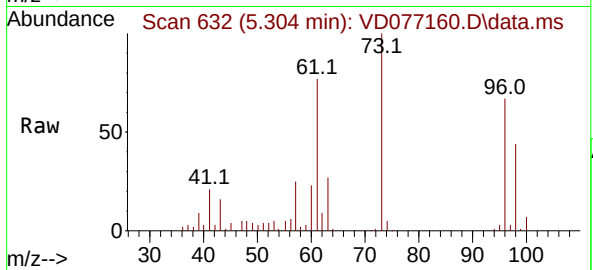
86 65.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 50.975 ug/l
RT: 5.304 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

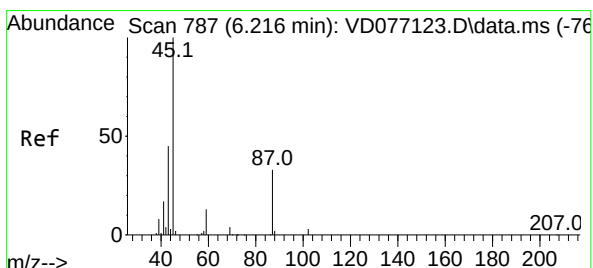
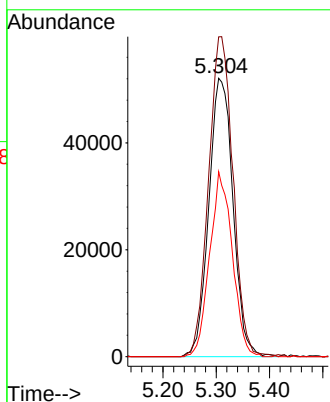
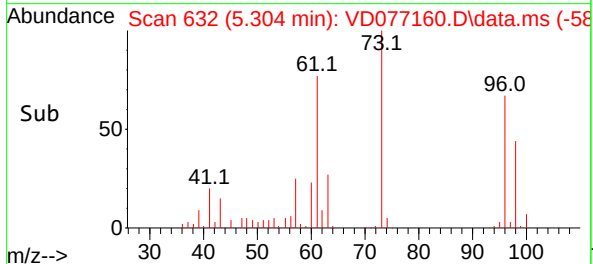
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



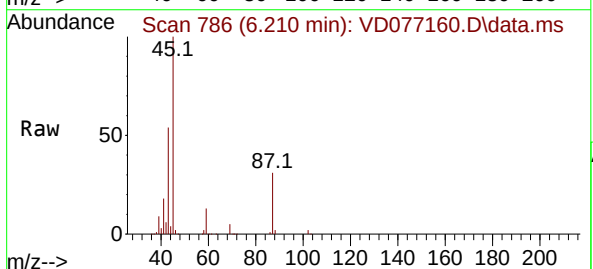
Tgt Ion: 96 Resp: 16439
Ion Ratio Lower Upper
96 100
61 114.9 89.3 133.9
98 66.5 48.6 73.0

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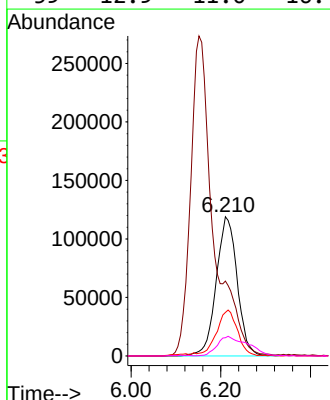
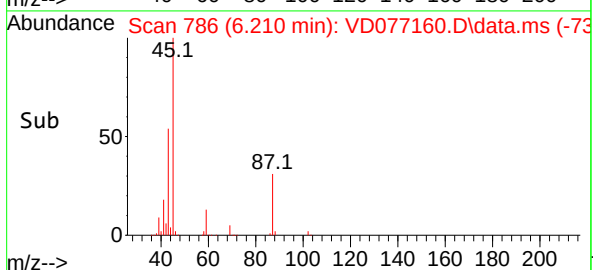
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

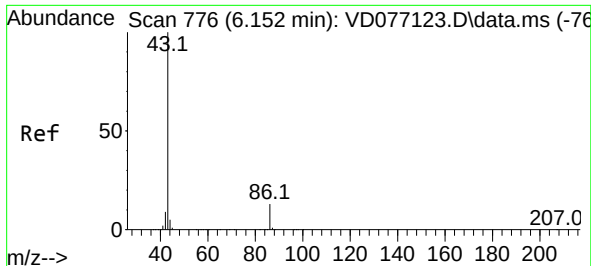


#22
Diisopropyl ether
Concen: 52.648 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



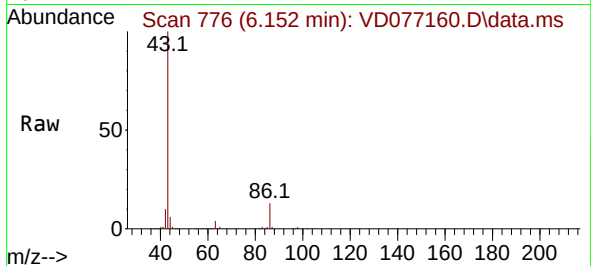
Tgt Ion: 45 Resp: 387456
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 31.1 28.2 42.4
59 12.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 275.509 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077160.D
 Acq: 20 Sep 2023 10:02

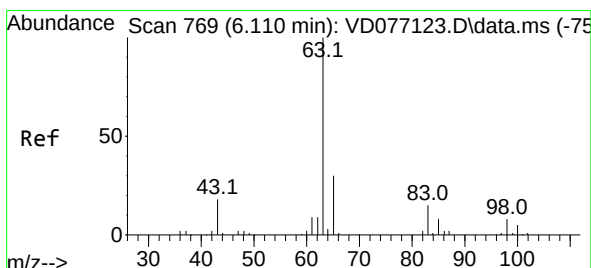
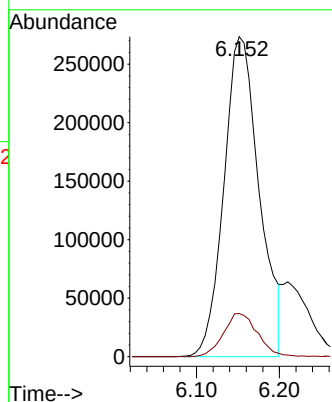
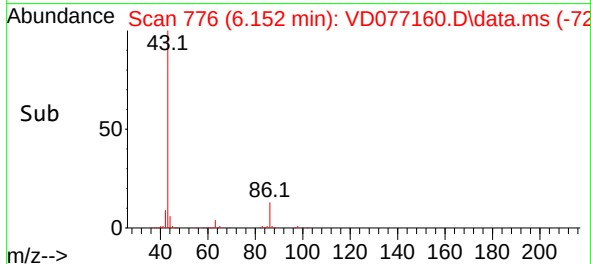
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



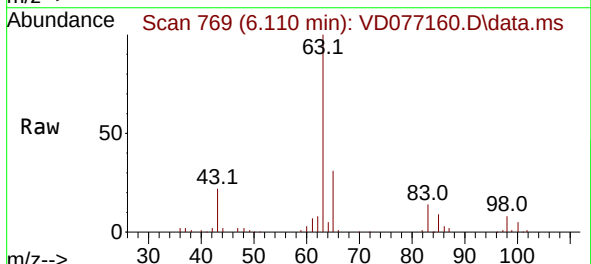
Tgt Ion: 43 Resp: 81058
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7

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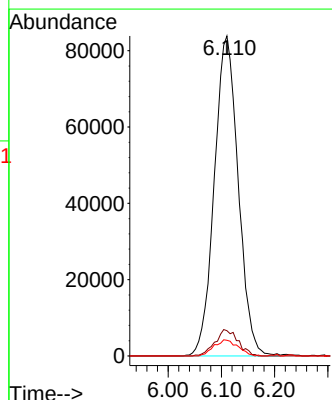
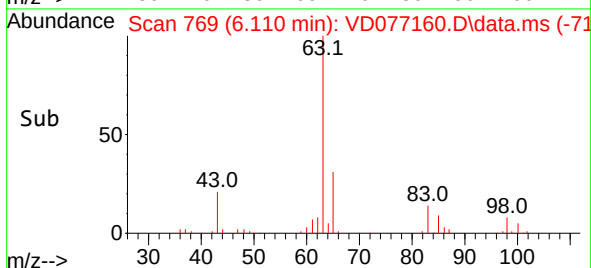
Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023

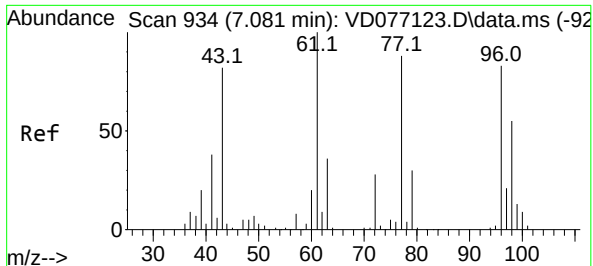


#24
 1,1-Dichloroethane
 Concen: 49.523 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077160.D
 Acq: 20 Sep 2023 10:02



Tgt Ion: 63 Resp: 261580
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 288.841 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 201018

Ion Ratio Lower Upper

43 100

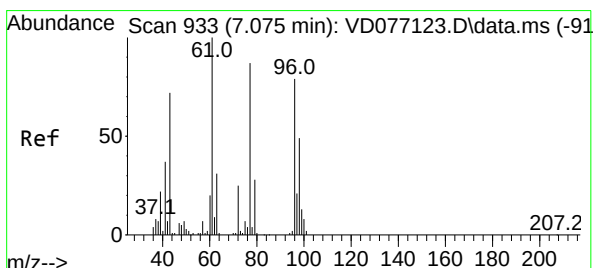
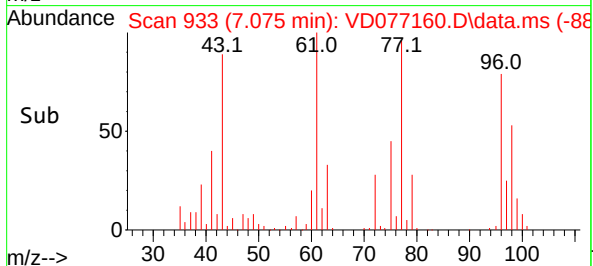
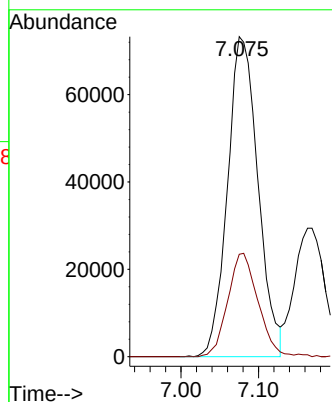
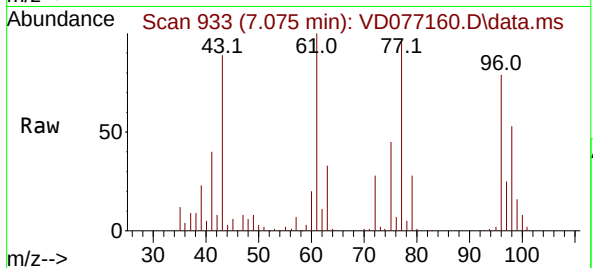
72 32.0 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#26

2,2-Dichloropropane

Concen: 53.164 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077160.D

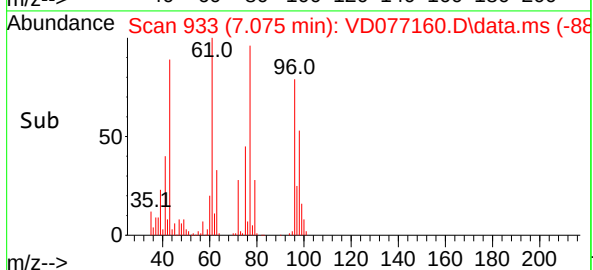
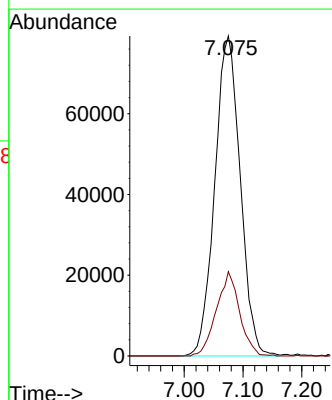
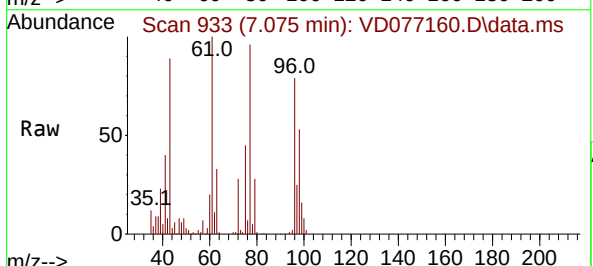
Acq: 20 Sep 2023 10:02

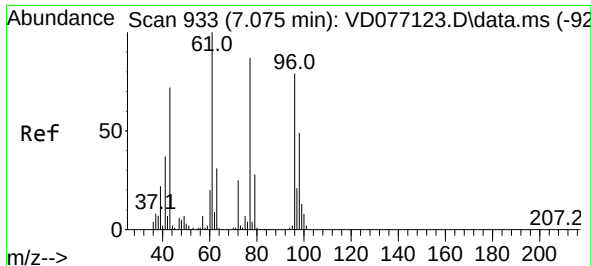
Tgt Ion: 77 Resp: 238364

Ion Ratio Lower Upper

77 100

97 23.9 13.2 39.6





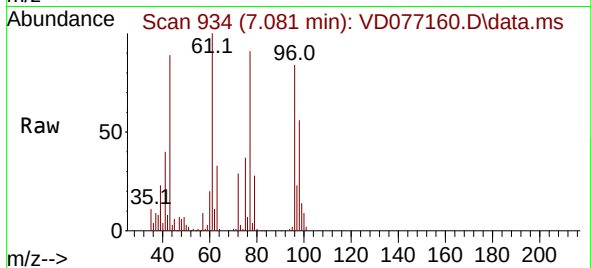
#27
 cis-1,2-Dichloroethene
 Concen: 50.805 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077160.D
 Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

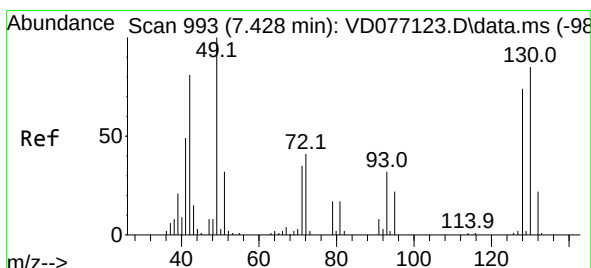
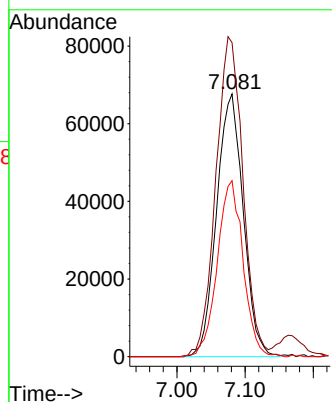
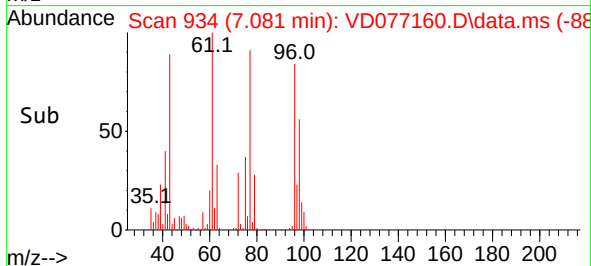


Tgt Ion: 96 Resp: 184190
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 239.2
 98 65.0 0.0 128.6

Manual Integrations

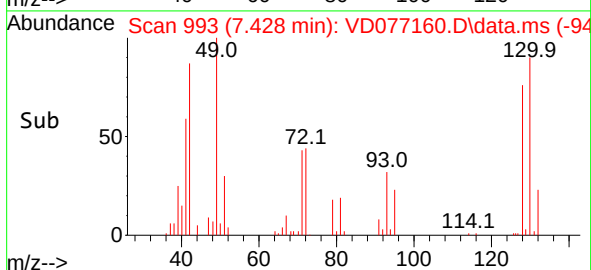
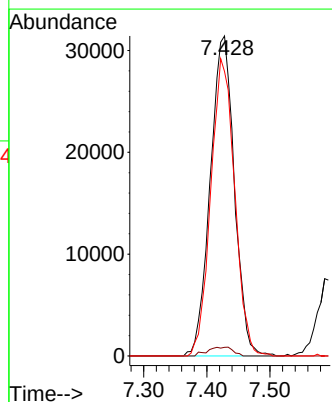
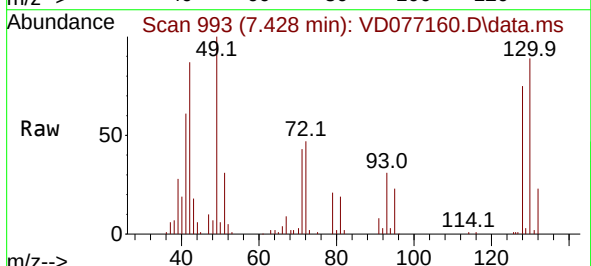
APPROVED

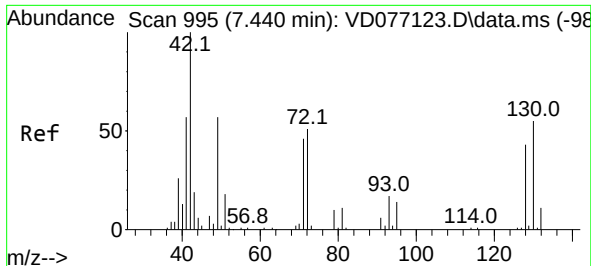
Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023



#28
 Bromochloromethane
 Concen: 51.287 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077160.D
 Acq: 20 Sep 2023 10:02

Tgt Ion: 49 Resp: 83185
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.0
 130 92.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 280.069 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

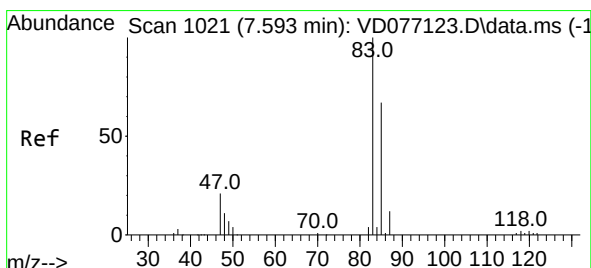
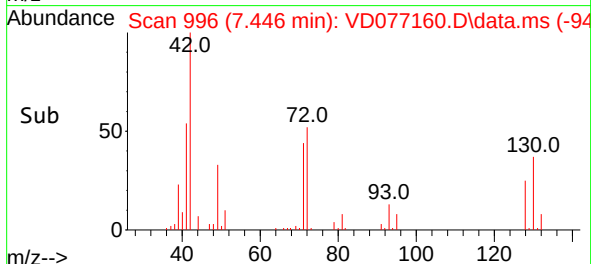
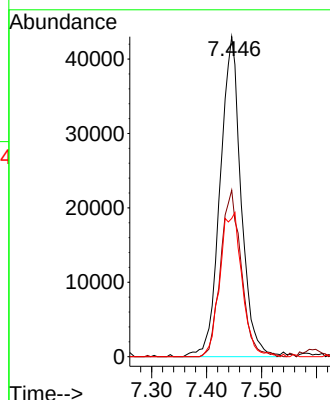
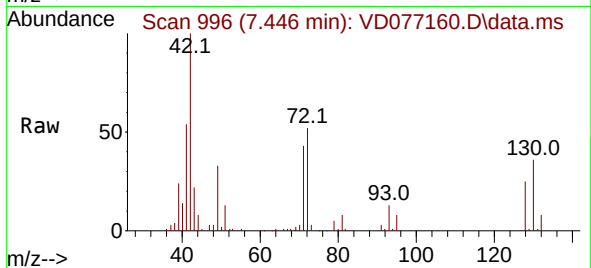
Tgt Ion: 42 Resp: 113944

Ion	Ratio	Lower	Upper
42	100		
72	51.3	46.5	69.7
71	47.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#30

Chloroform

Concen: 50.421 ug/l

RT: 7.593 min Scan# 1021

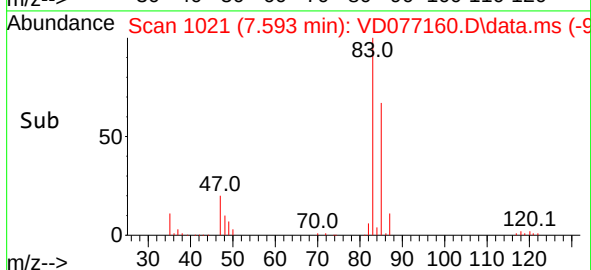
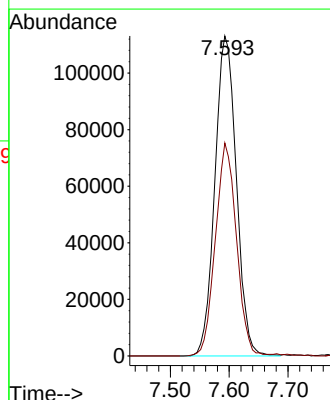
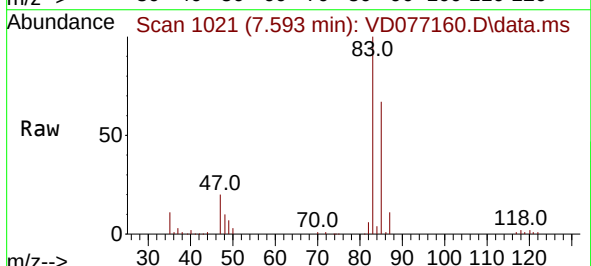
Delta R.T. 0.000 min

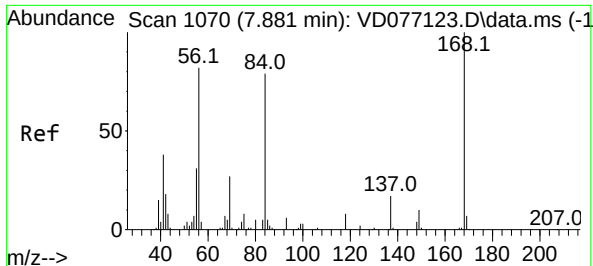
Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion: 83 Resp: 287024

Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.4	80.2





#31

Cyclohexane

Concen: 50.659 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077160.D

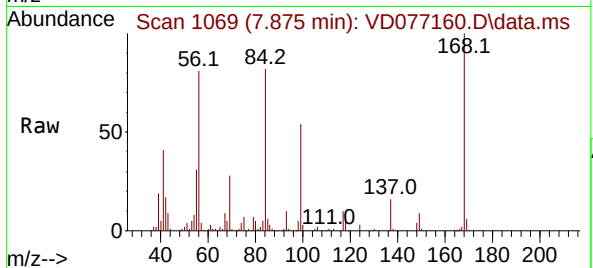
Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

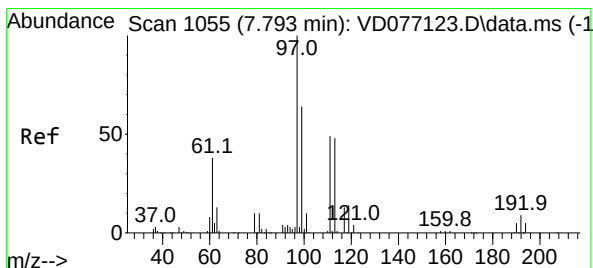
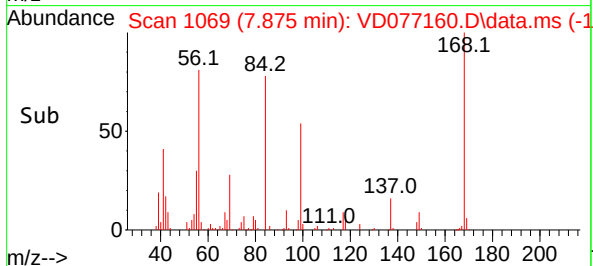
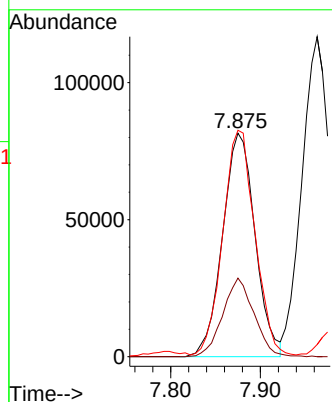


Tgt Ion:	56	69	84
Ratio	100	35.2	99.9
Lower		28.6	84.8
Upper		43.0	127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#32

1,1,1-Trichloroethane

Concen: 51.901 ug/l

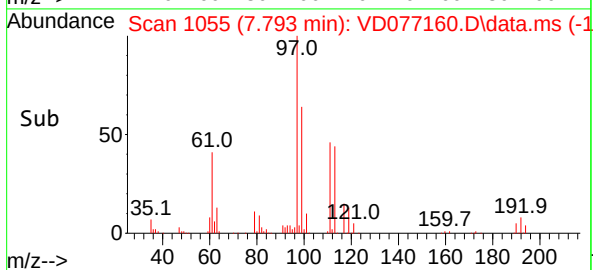
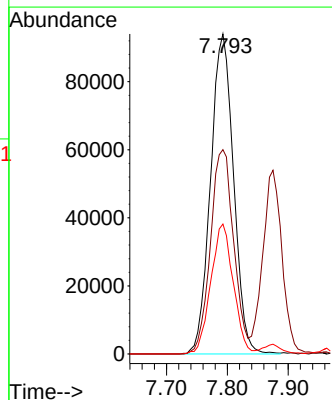
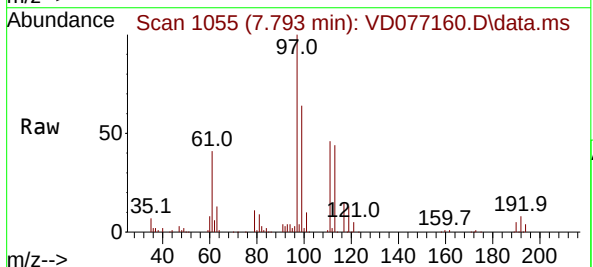
RT: 7.793 min Scan# 1055

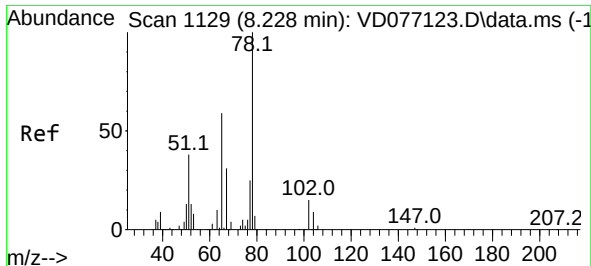
Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion:	97	99	61
Ratio	100	64.5	39.7
Lower		52.0	33.8
Upper		78.0	50.8





#33

1,2-Dichloroethane-d4

Concen: 49.351 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 114225

Ion Ratio Lower Upper

65 100

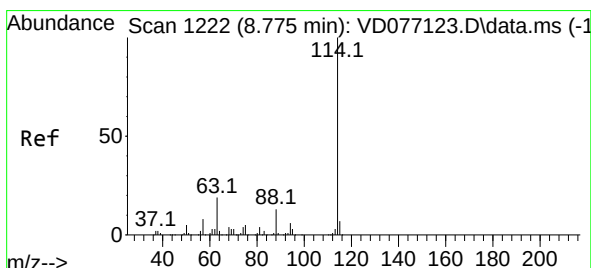
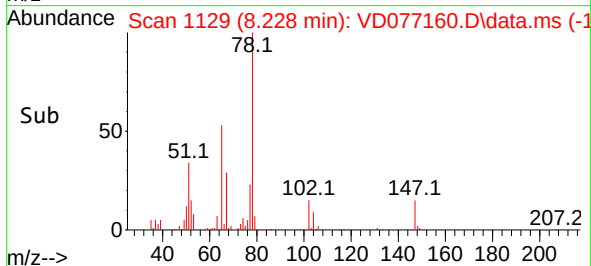
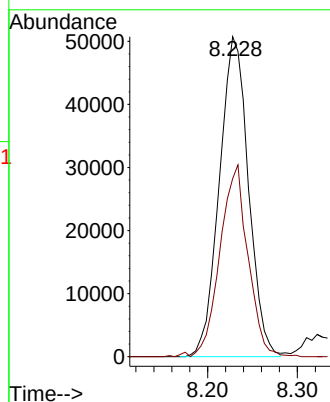
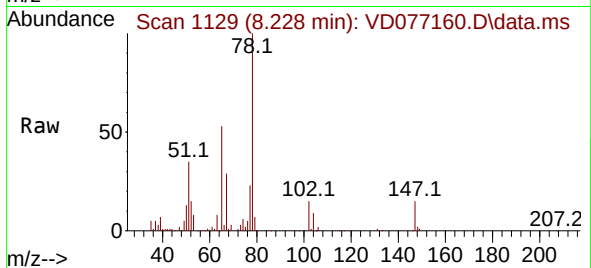
67 57.8 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

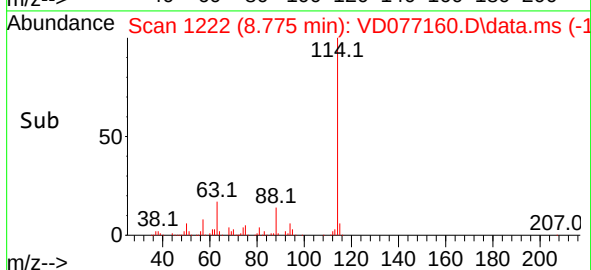
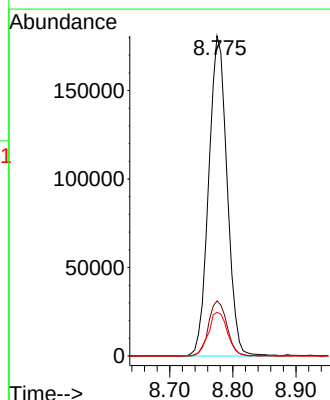
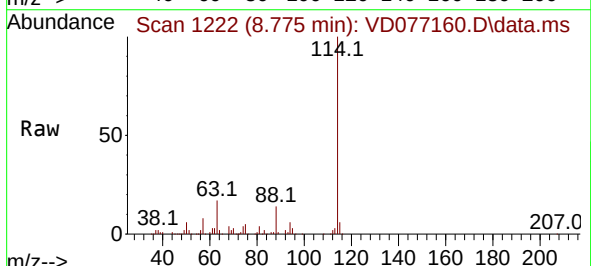
Tgt Ion:114 Resp: 365861

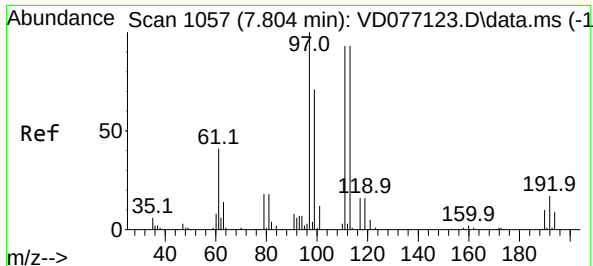
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.527 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

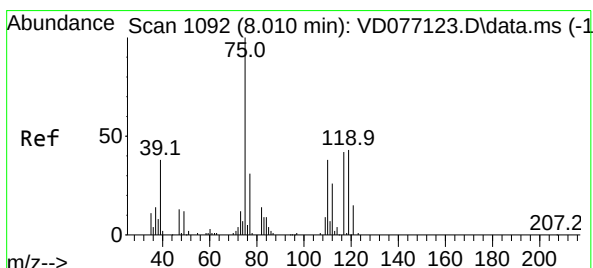
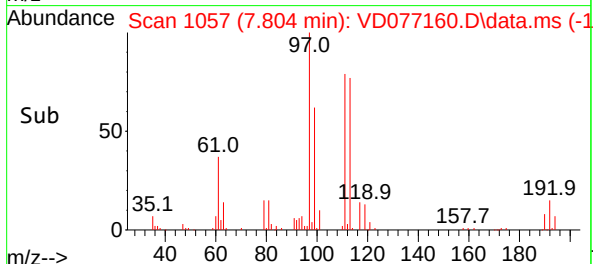
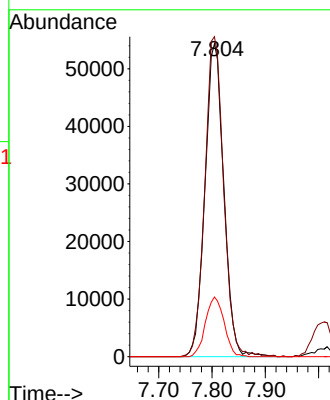
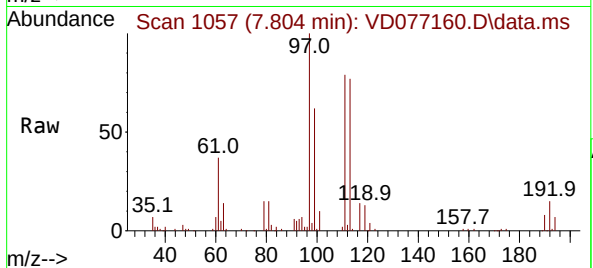
Tgt Ion: 113 Resp: 13348

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.7	127.1
192	18.9	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#36

1,1-Dichloropropene

Concen: 55.035 ug/l

RT: 8.004 min Scan# 1091

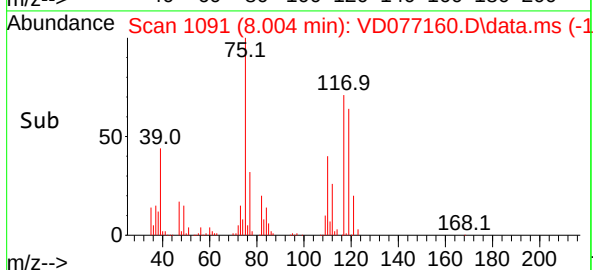
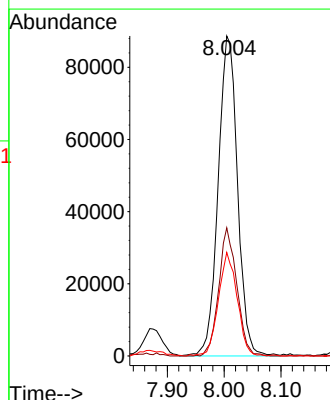
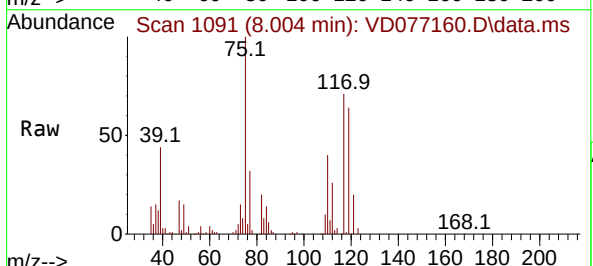
Delta R.T. -0.006 min

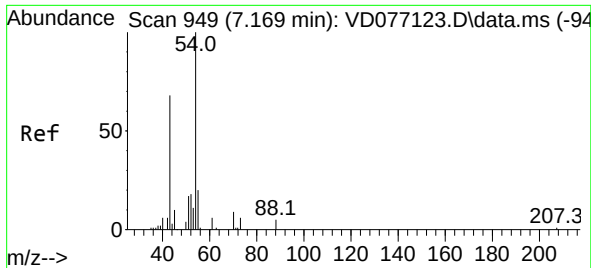
Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion: 75 Resp: 210626

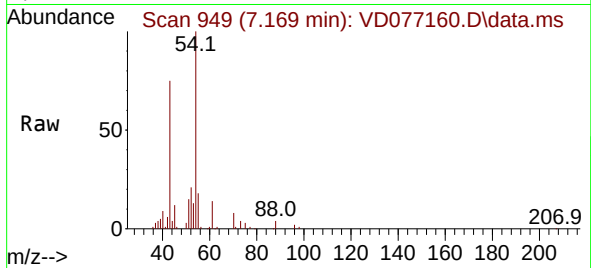
Ion	Ratio	Lower	Upper
75	100		
110	37.4	19.9	59.6
77	31.3	24.7	37.1





#37
Ethyl Acetate
Concen: 56.416 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

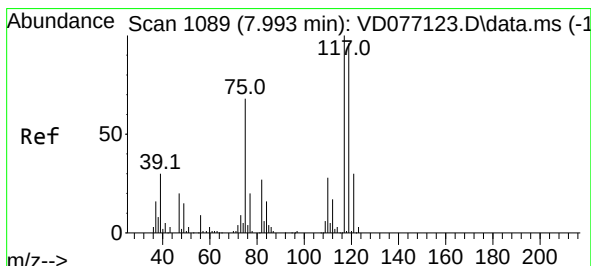
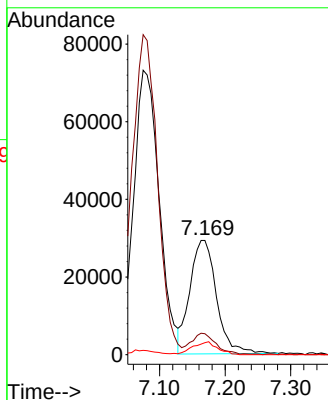
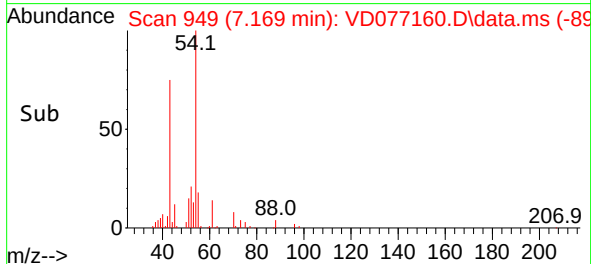
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 82838
Ion Ratio Lower Upper
43 100
61 17.9 14.9 22.3
70 10.7 10.0 15.0

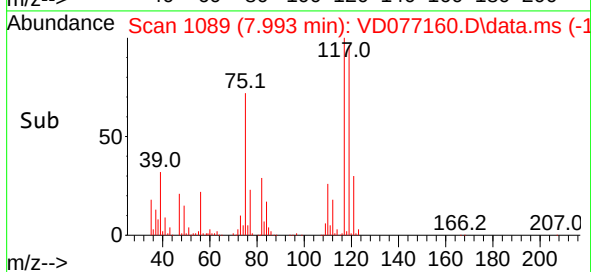
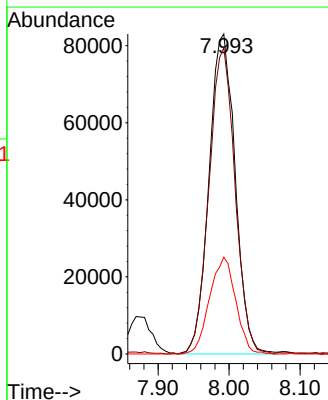
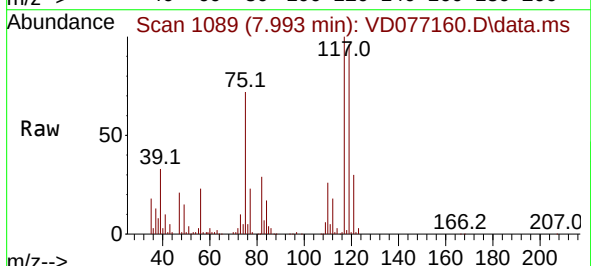
Manual Integrations
APPROVED

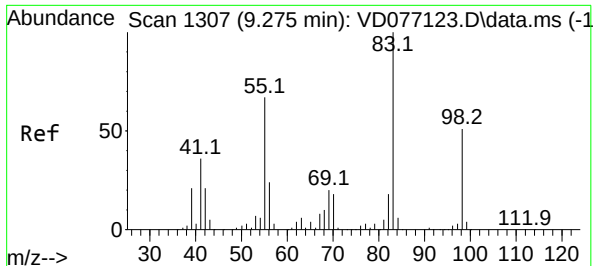
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#38
Carbon Tetrachloride
Concen: 56.355 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Tgt Ion:117 Resp: 211982
Ion Ratio Lower Upper
117 100
119 95.7 78.0 117.0
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 55.132 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

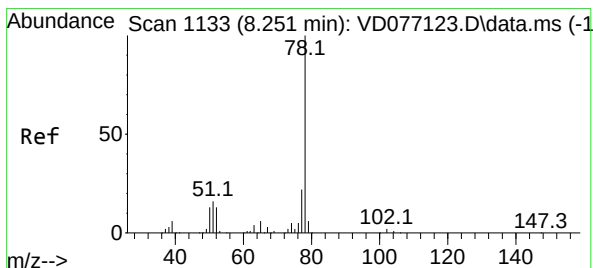
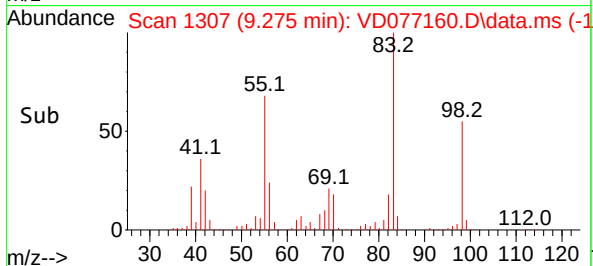
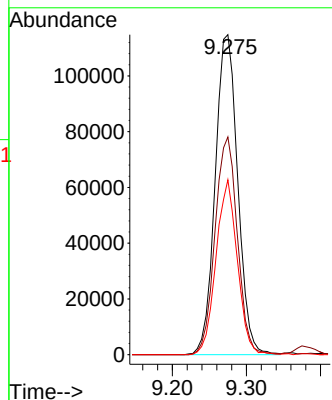
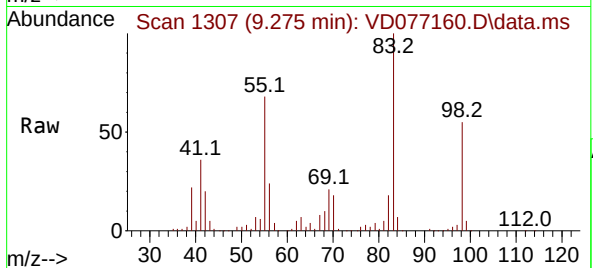
Tgt Ion: 83 Resp: 242774

Ion	Ratio	Lower	Upper
83	100		
55	68.1	49.4	74.0
98	54.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#40

Benzene

Concen: 53.695 ug/l

RT: 8.251 min Scan# 1133

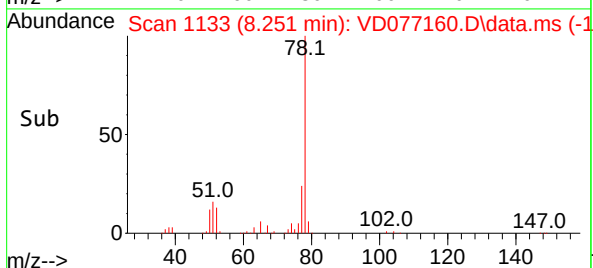
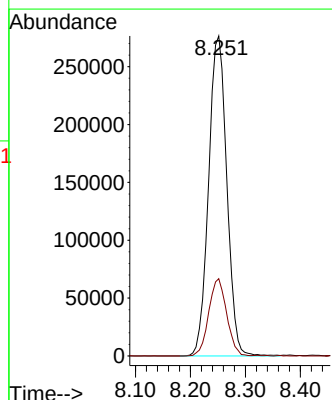
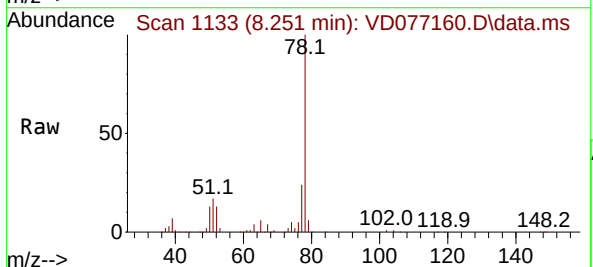
Delta R.T. 0.000 min

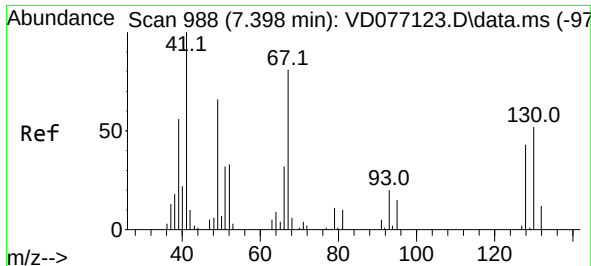
Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion: 78 Resp: 635794

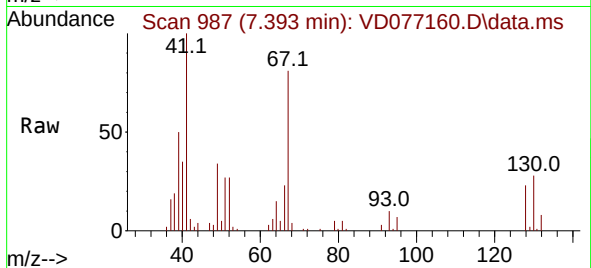
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





#41
Methacrylonitrile
Concen: 51.780 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

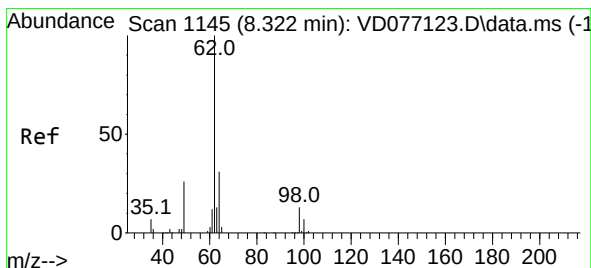
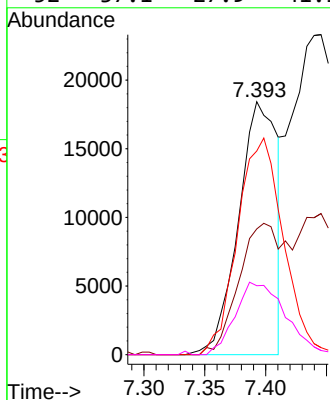
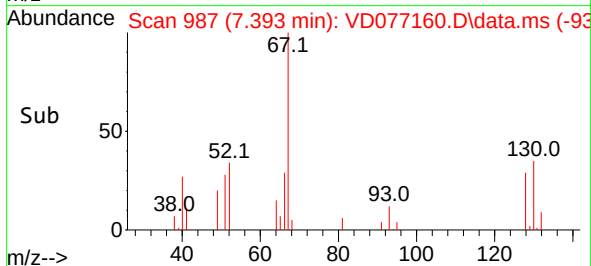
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 4058
Ion Ratio Lower Upper
41 100
39 66.0 34.0 51.0
67 101.9 77.0 115.4
52 37.1 27.9 41.9

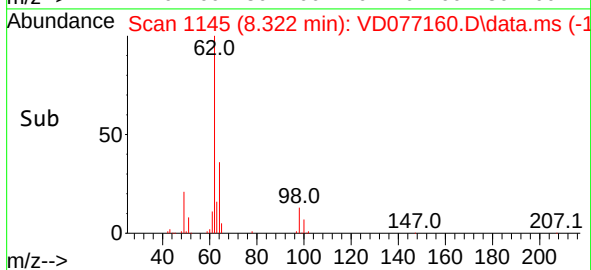
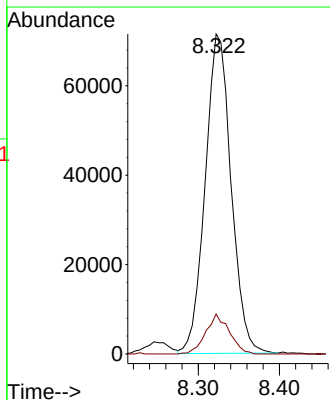
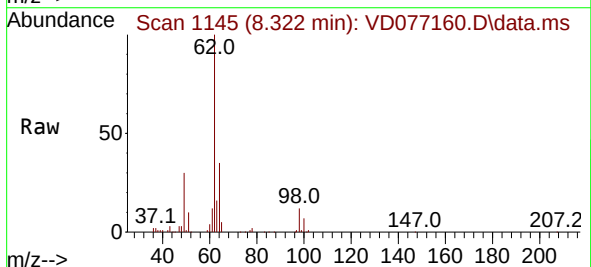
Manual Integrations
APPROVED

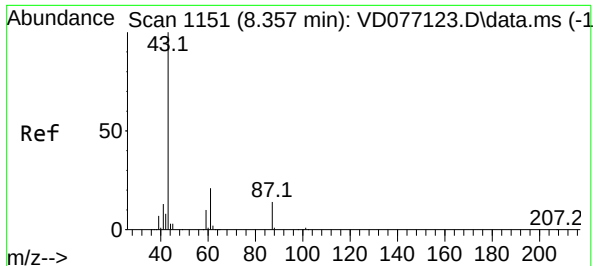
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#42
1,2-Dichloroethane
Concen: 54.051 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Tgt Ion: 62 Resp: 158677
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4





#43

Isopropyl Acetate

Concen: 57.840 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

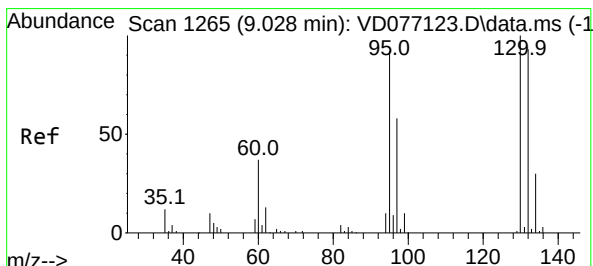
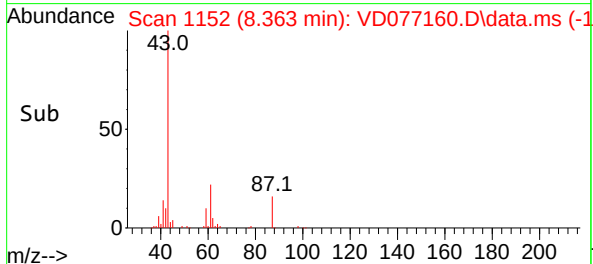
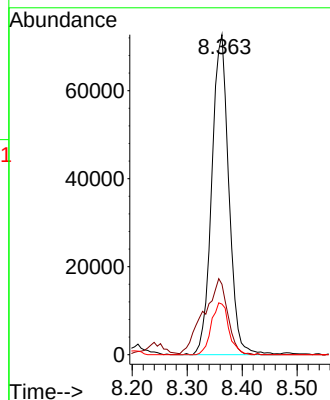
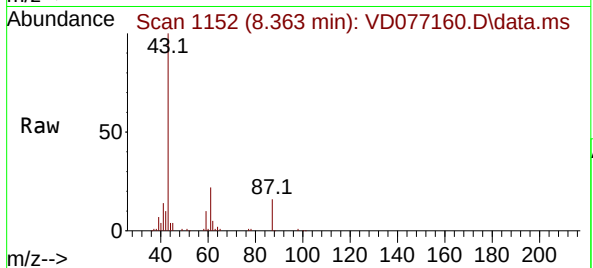
Tgt Ion: 43 Resp: 156370

Ion	Ratio	Lower	Upper
43	100		
61	33.4	31.4	47.0
87	16.6	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#44

Trichloroethene

Concen: 52.805 ug/l

RT: 9.028 min Scan# 1265

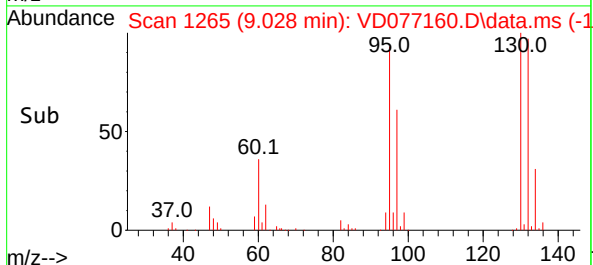
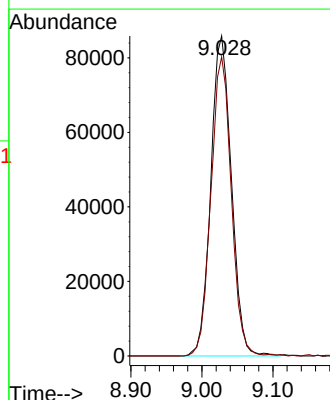
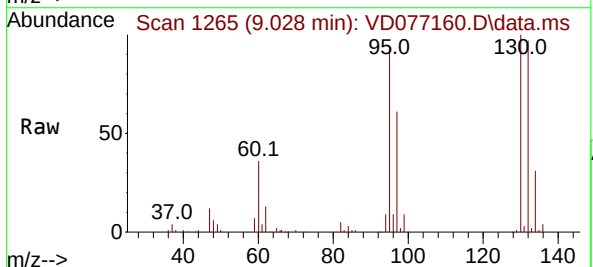
Delta R.T. 0.000 min

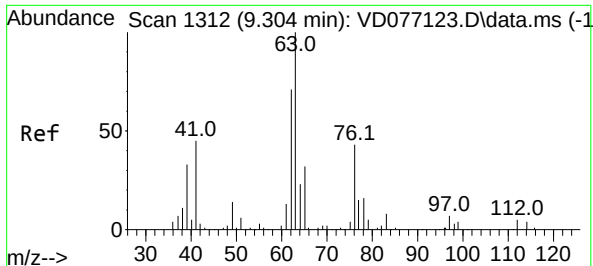
Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion:130 Resp: 173052

Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	179.2





#45

1,2-Dichloropropane

Concen: 53.672 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 154360

Ion Ratio Lower Upper

63 100

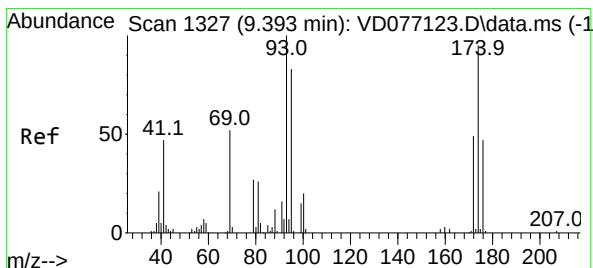
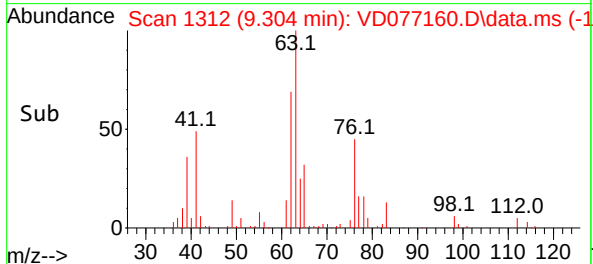
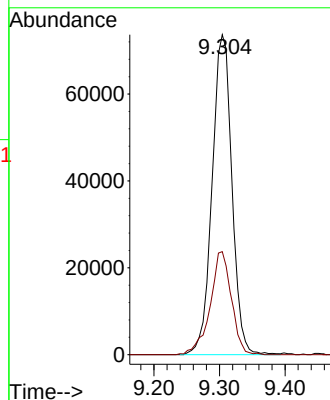
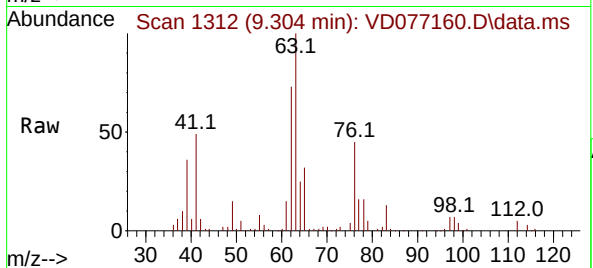
65 32.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#46

Dibromomethane

Concen: 55.031 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

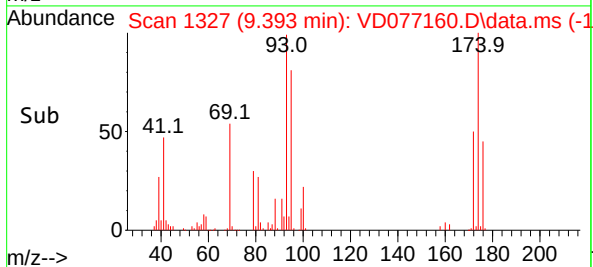
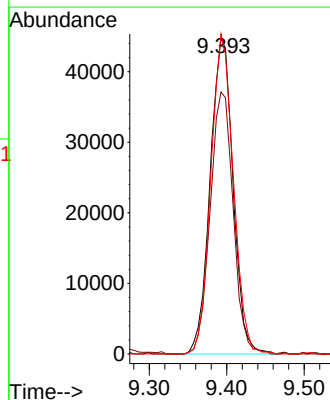
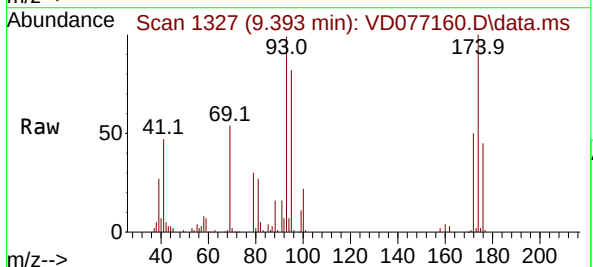
Tgt Ion: 93 Resp: 91970

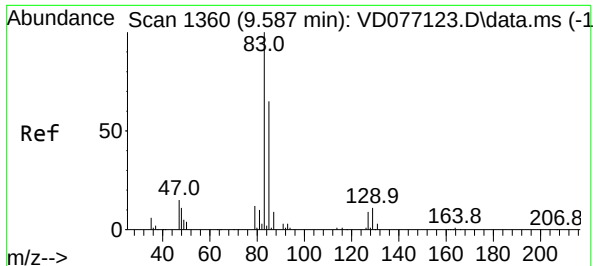
Ion Ratio Lower Upper

93 100

95 83.2 67.7 101.5

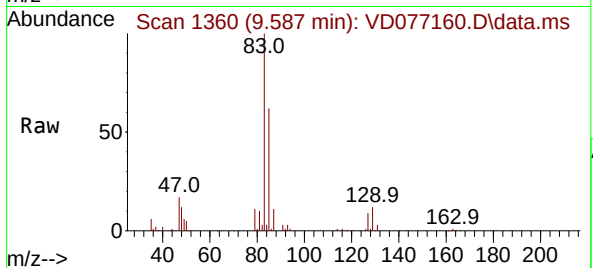
174 99.1 85.4 128.2





#47
Bromodichloromethane
Concen: 54.303 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

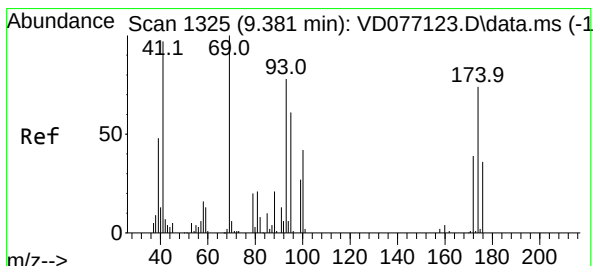
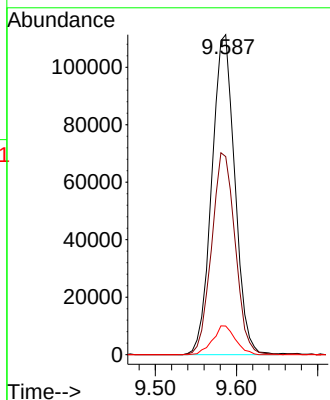
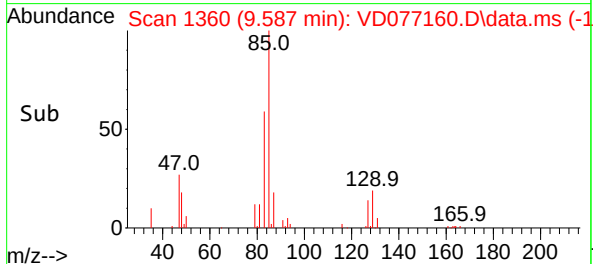
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



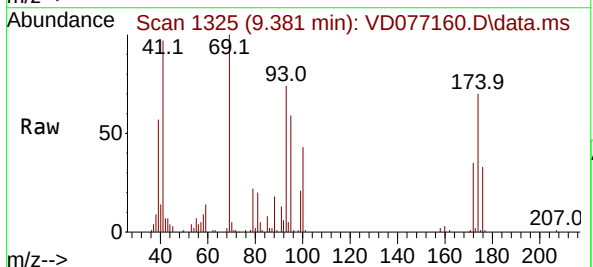
Tgt Ion: 83 Resp: 21930
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.4
127 8.9 6.3 9.5

Manual Integrations
APPROVED

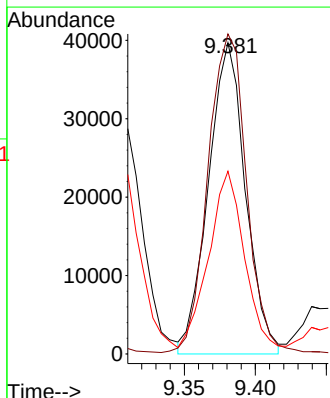
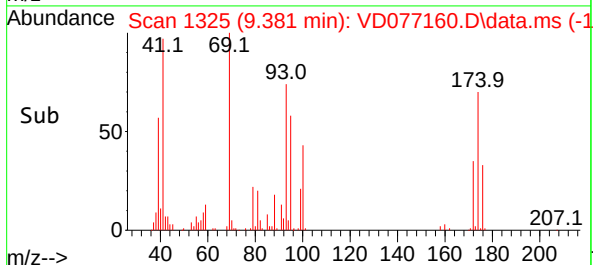
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

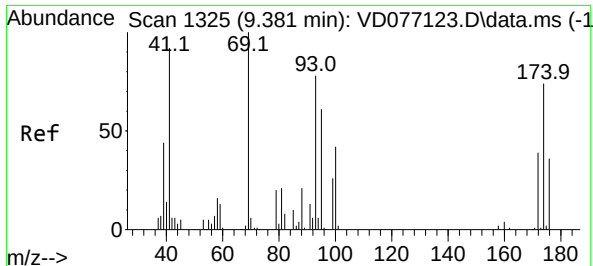


#48
Methyl methacrylate
Concen: 58.657 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



Tgt Ion: 41 Resp: 72057
Ion Ratio Lower Upper
41 100
69 107.8 102.2 153.2
39 54.5 41.4 62.2





#49

1,4-Dioxane

Concen: 1307.231 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

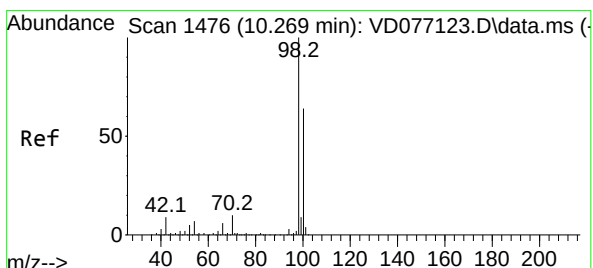
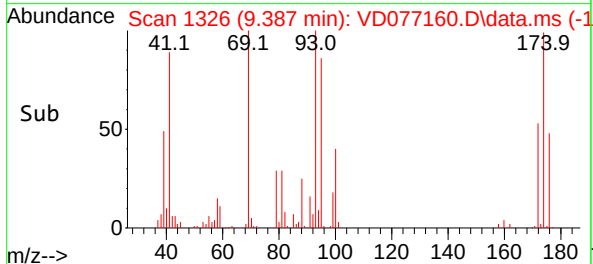
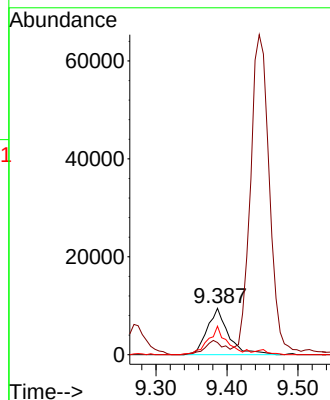
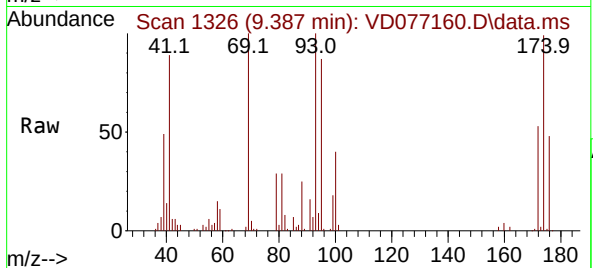
Tgt Ion: 88 Resp: 19720

Ion	Ratio	Lower	Upper
88	100		
43	27.3	19.0	28.6
58	53.0	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#50

Toluene-d8

Concen: 54.387 ug/l

RT: 10.269 min Scan# 1476

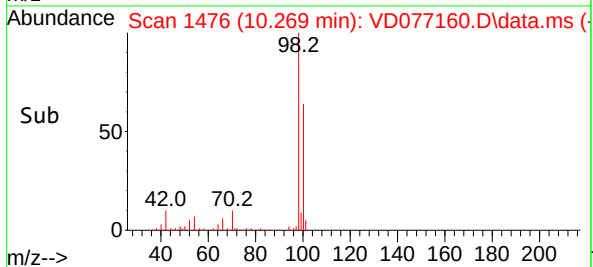
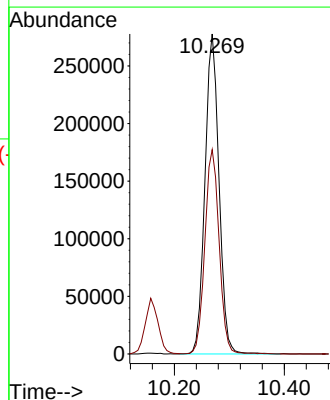
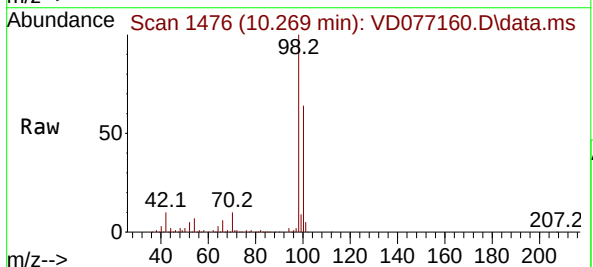
Delta R.T. 0.000 min

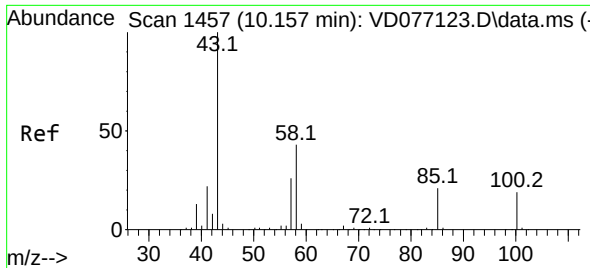
Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion: 98 Resp: 491953

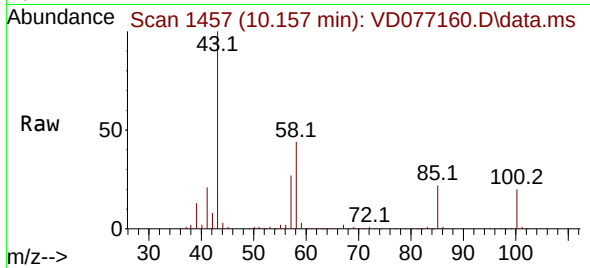
Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 292.520 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

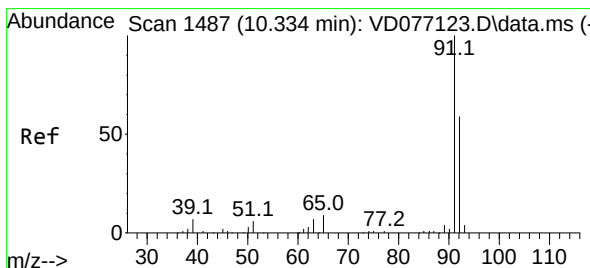
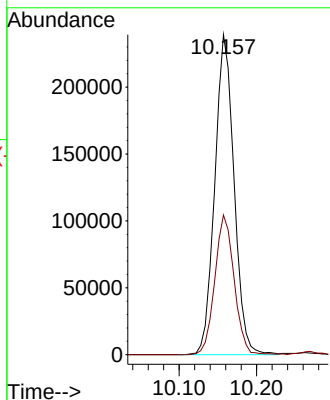
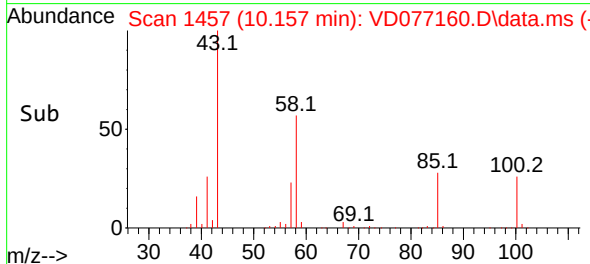
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



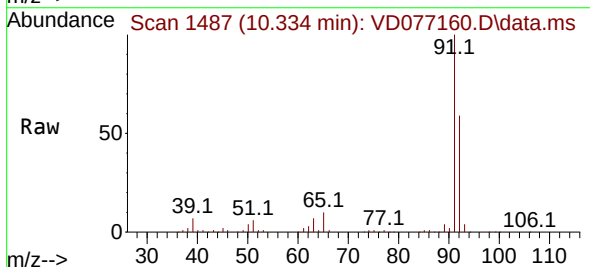
Tgt Ion: 43 Resp: 41359
Ion Ratio Lower Upper
43 100
58 43.6 38.9 58.3

Manual Integrations
APPROVED

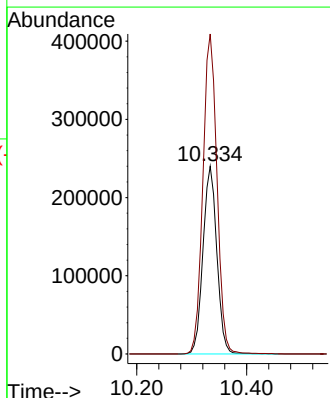
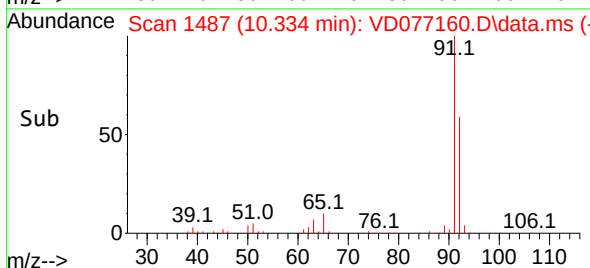
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

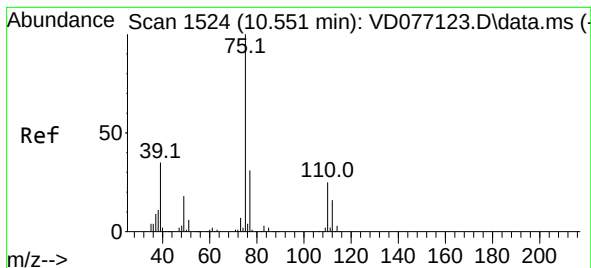


#52
Toluene
Concen: 55.420 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



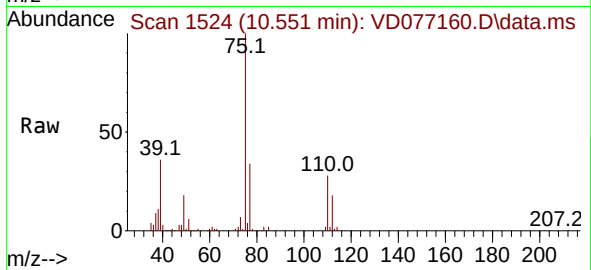
Tgt Ion: 92 Resp: 419807
Ion Ratio Lower Upper
92 100
91 173.4 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 55.296 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

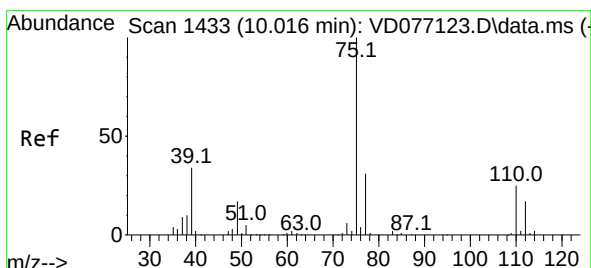
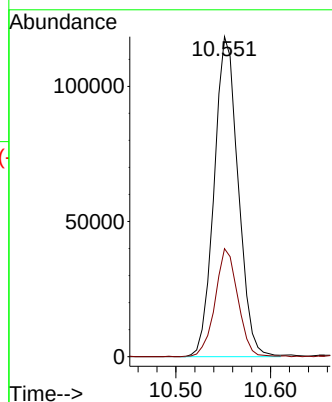
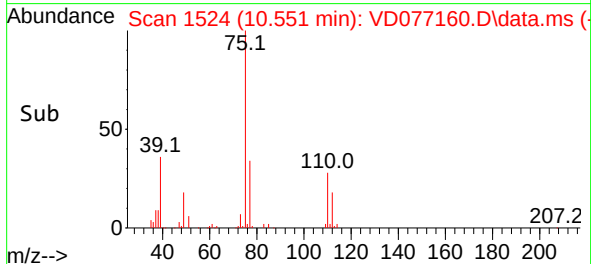
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 208634
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9

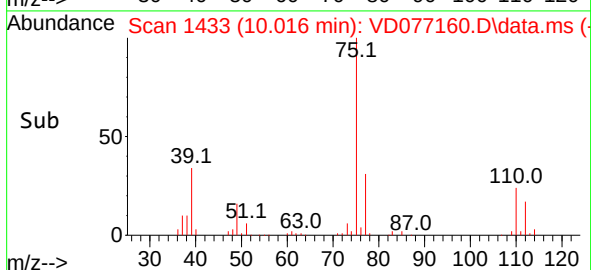
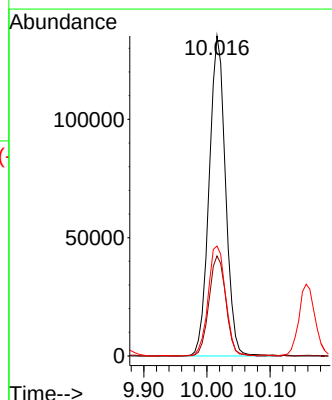
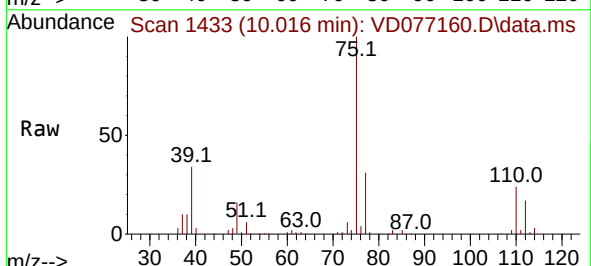
Manual Integrations
APPROVED

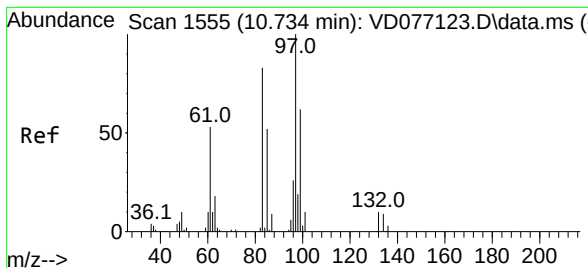
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#54
cis-1,3-Dichloropropene
Concen: 53.902 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

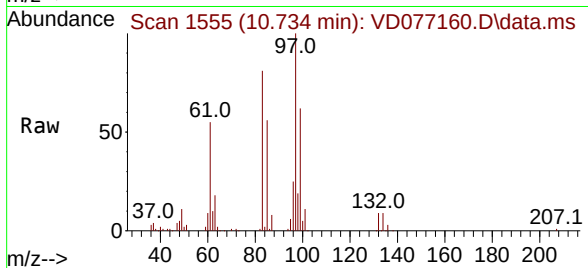
Tgt Ion: 75 Resp: 243664
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 34.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 56.011 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

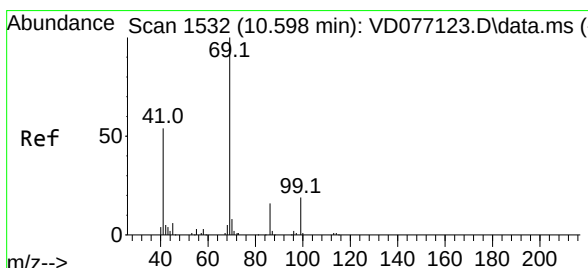
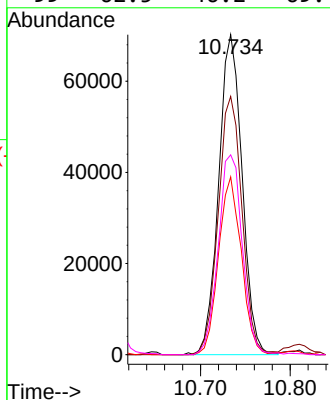
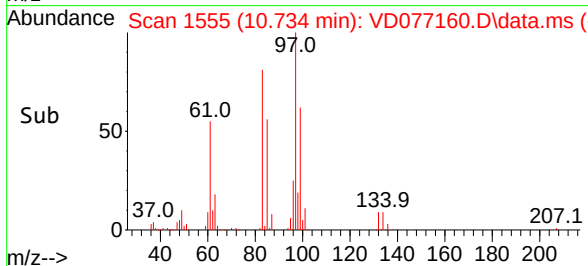
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



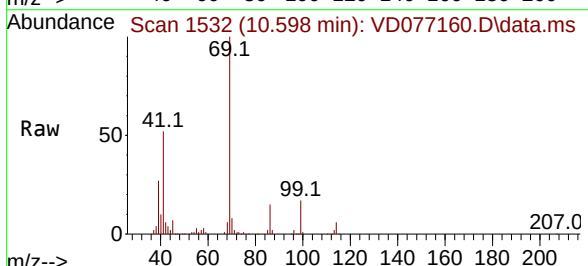
Tgt Ion:	97	Resp:	12731
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.8	98.6
85	55.5	45.7	68.5
99	62.5	46.2	69.4

Manual Integrations
APPROVED

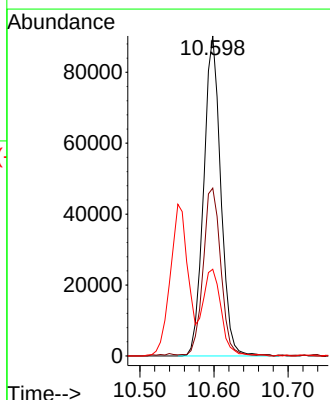
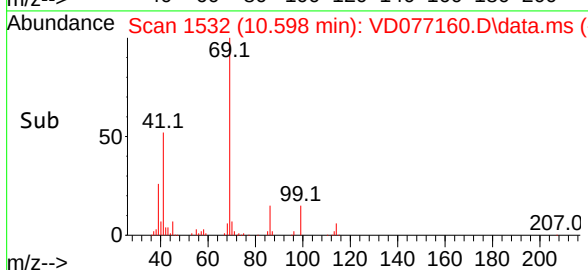
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

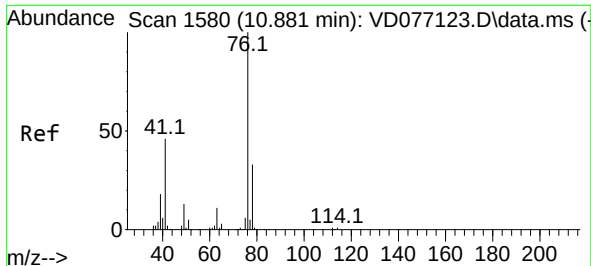


#56
Ethyl methacrylate
Concen: 59.316 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



Tgt Ion:	69	Resp:	144852
Ion	Ratio	Lower	Upper
69	100		
41	53.6	39.1	58.7
39	28.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 56.038 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 206209

Ion Ratio Lower Upper

76 100

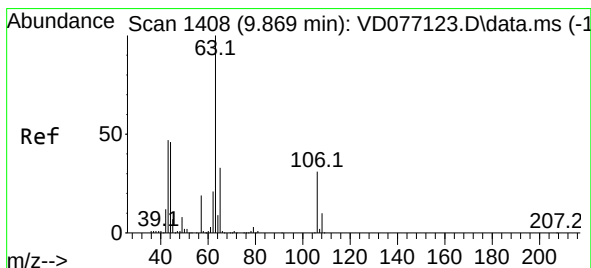
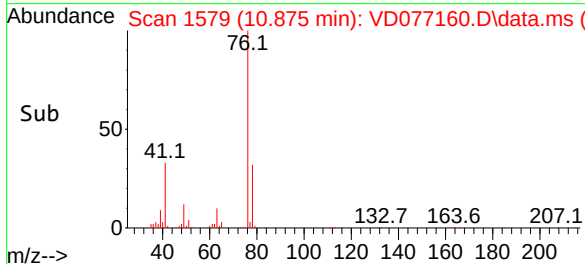
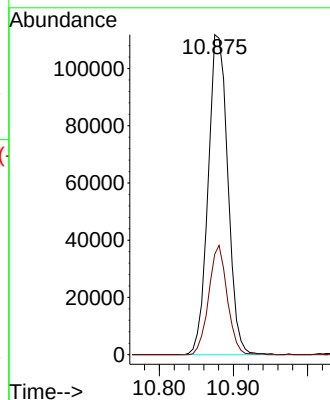
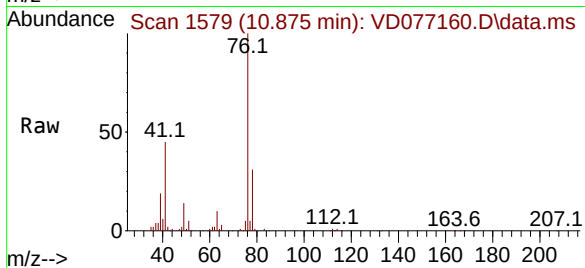
78 32.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.750 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077160.D

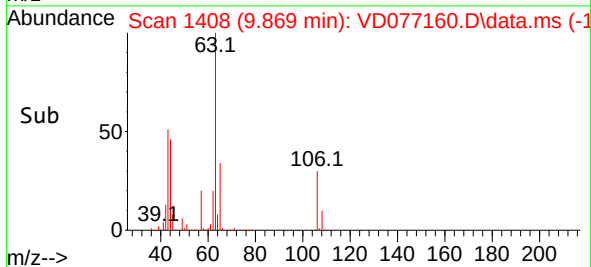
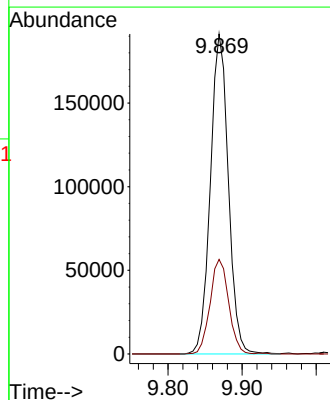
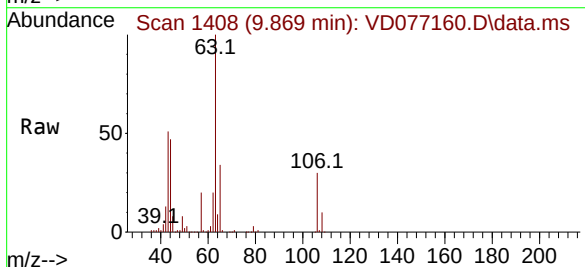
Acq: 20 Sep 2023 10:02

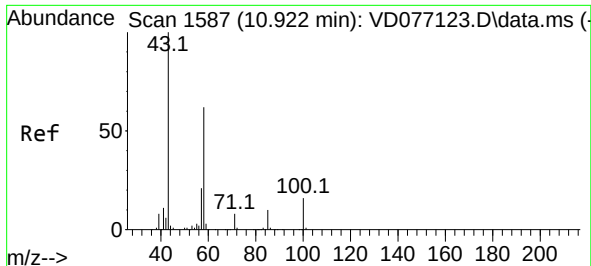
Tgt Ion: 63 Resp: 322182

Ion Ratio Lower Upper

63 100

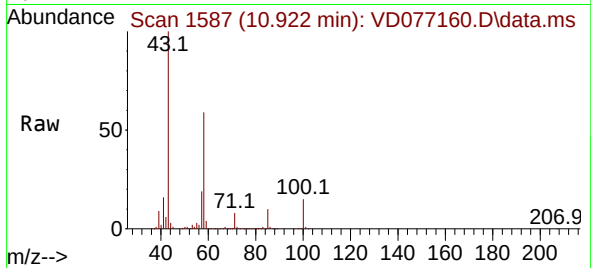
106 30.5 25.3 37.9





#59
2-Hexanone
Concen: 308.462 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

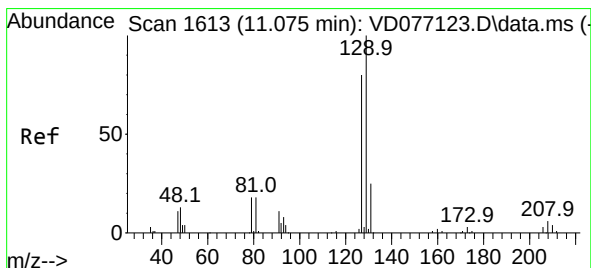
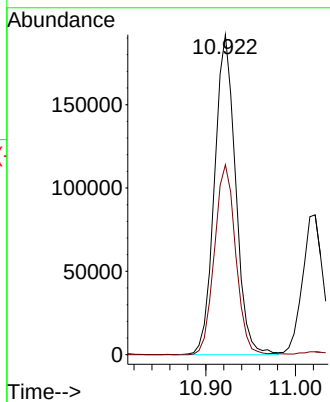
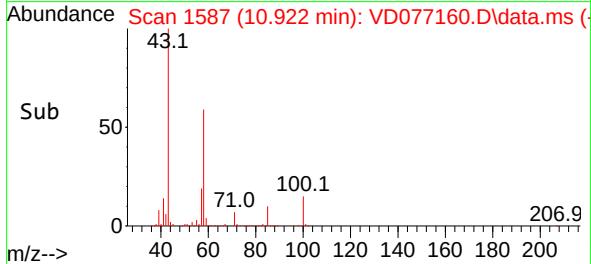
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 31292
Ion Ratio Lower Upper
43 100
58 59.9 34.1 102.2

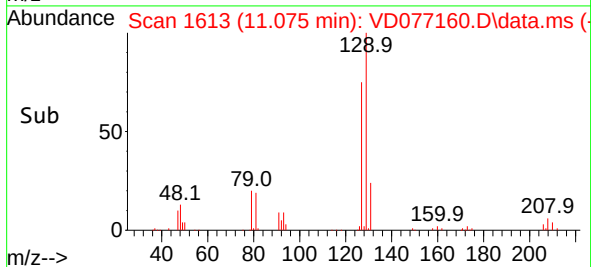
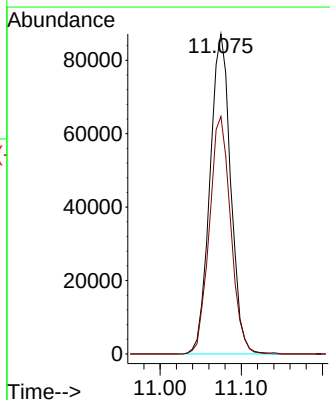
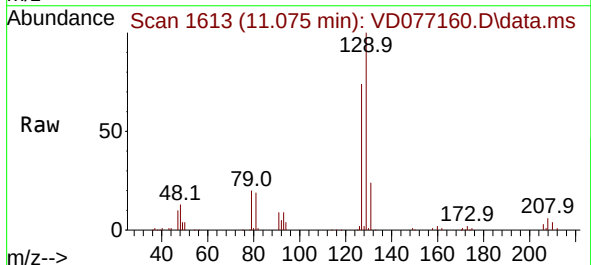
Manual Integrations
APPROVED

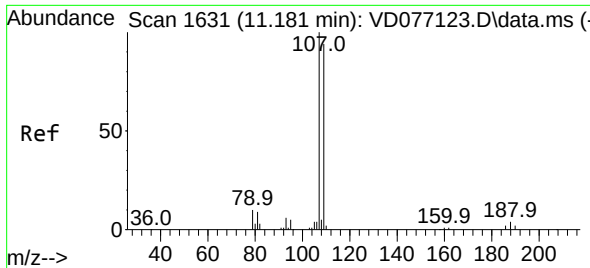
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#60
Dibromochloromethane
Concen: 55.600 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

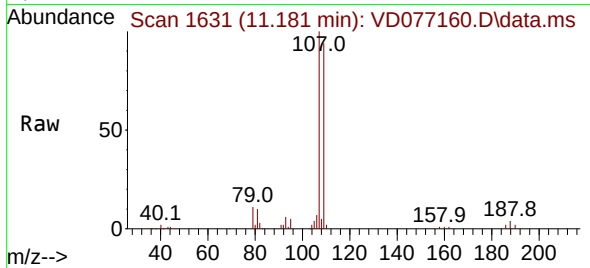
Tgt Ion:129 Resp: 154794
Ion Ratio Lower Upper
129 100
127 76.1 37.1 111.5





#61
1,2-Dibromoethane
Concen: 55.175 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

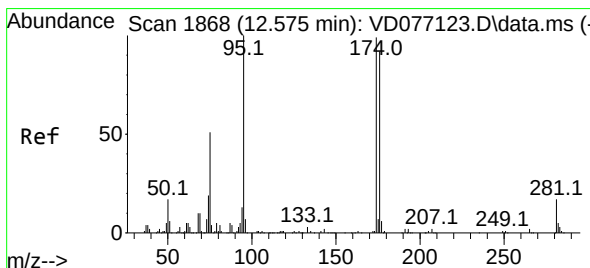
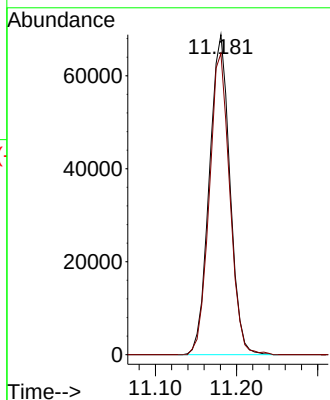
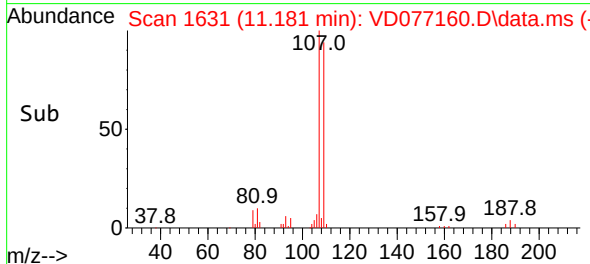
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



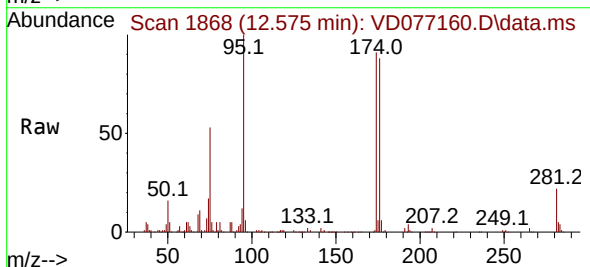
Tgt Ion:107 Resp: 121245
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

Manual Integrations
APPROVED

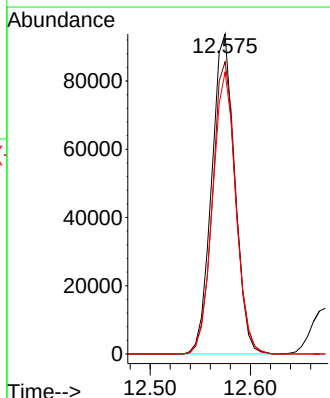
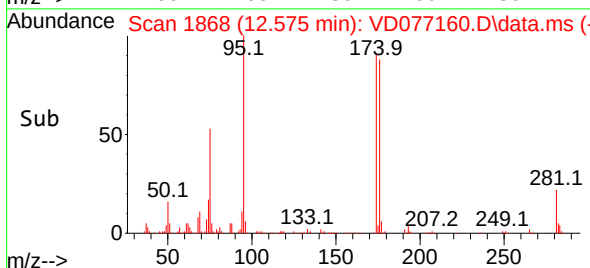
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

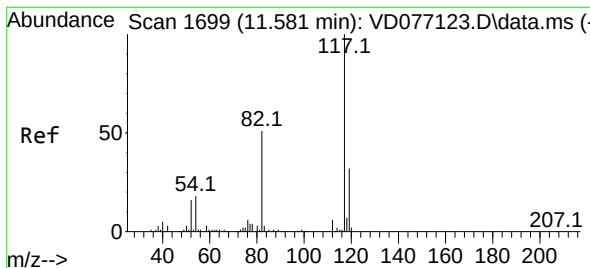


#62
4-Bromofluorobenzene
Concen: 53.104 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



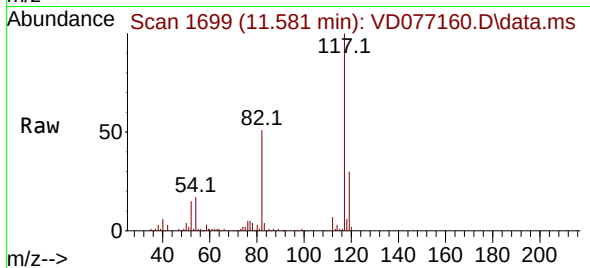
Tgt Ion: 95 Resp: 148881
Ion Ratio Lower Upper
95 100
174 92.7 0.0 201.8
176 89.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

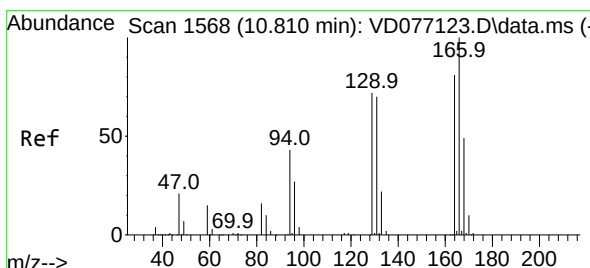
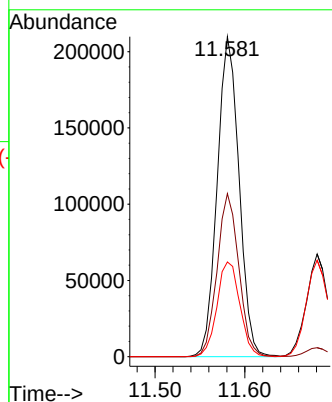
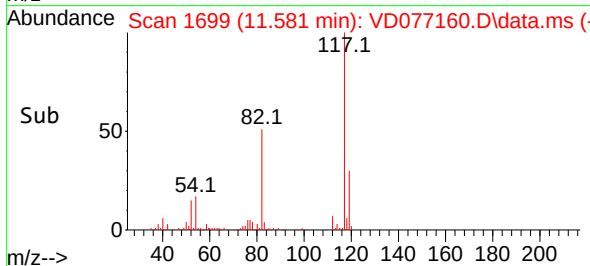
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



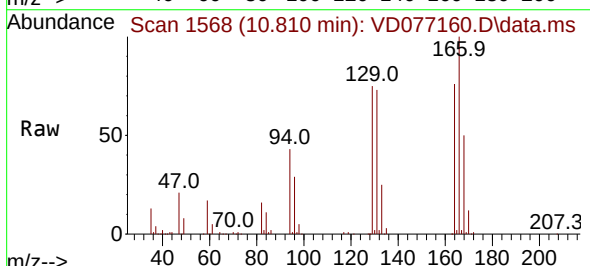
Tgt Ion:117 Resp: 354334
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 29.6 25.0 37.4

Manual Integrations
APPROVED

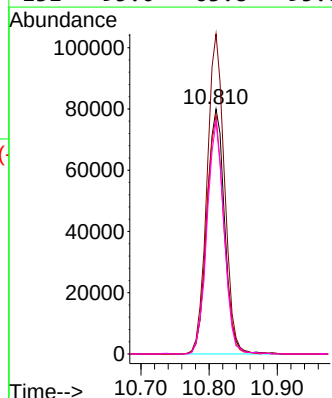
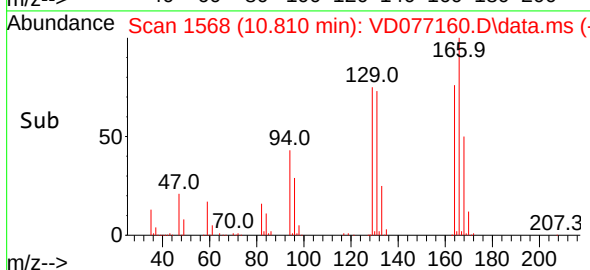
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

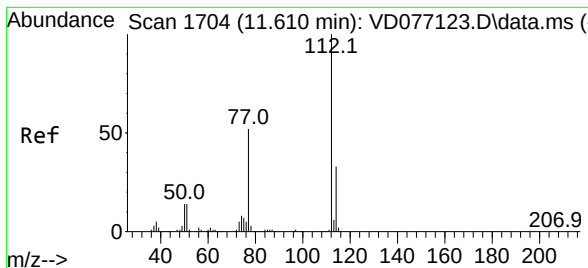


#64
Tetrachloroethene
Concen: 52.651 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



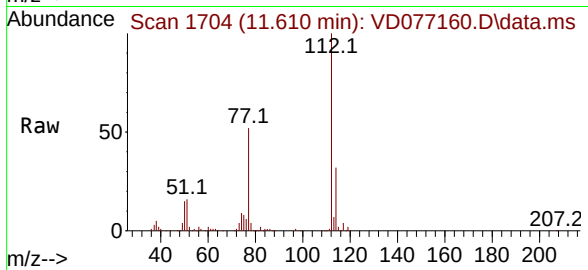
Tgt Ion:164 Resp: 145151
Ion Ratio Lower Upper
164 100
166 130.8 99.2 148.8
129 97.4 68.4 102.6
131 95.0 63.8 95.8





#65
Chlorobenzene
Concen: 52.441 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

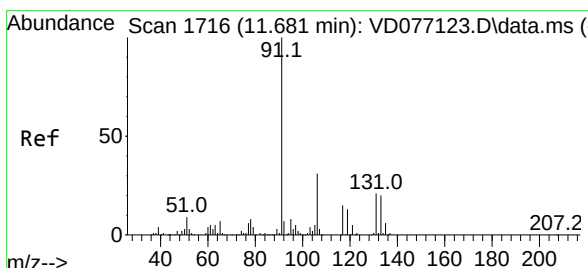
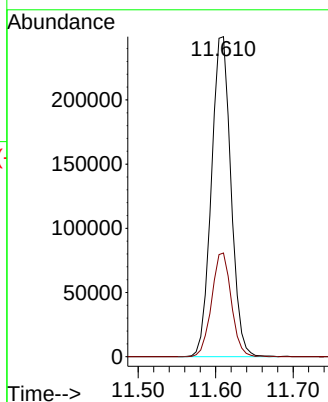
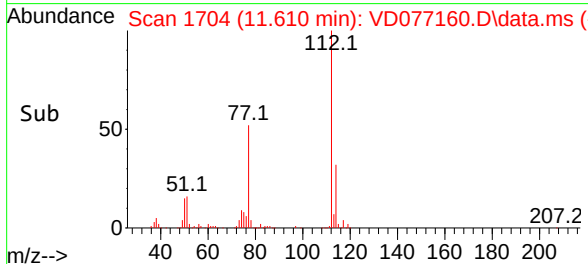
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



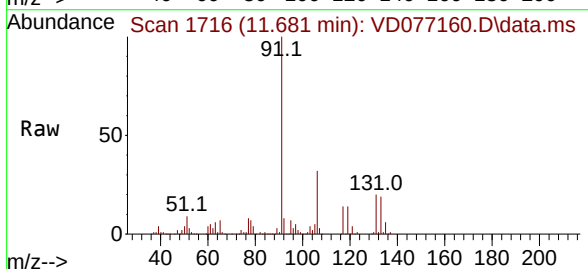
Tgt Ion:112 Resp: 43711
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7

Manual Integrations
APPROVED

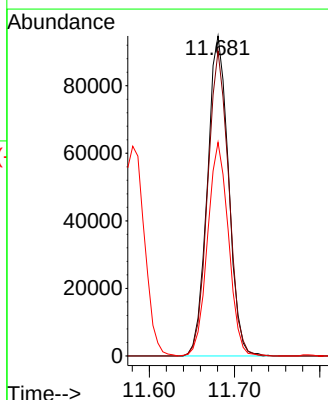
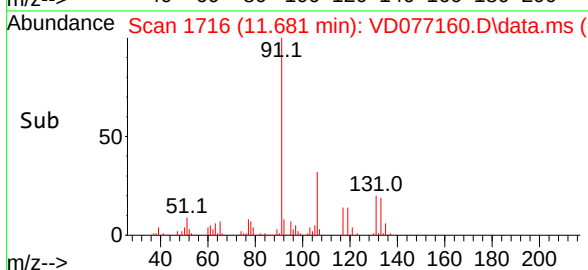
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

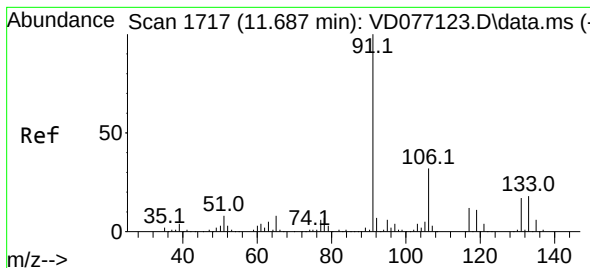


#66
1,1,1,2-Tetrachloroethane
Concen: 53.549 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



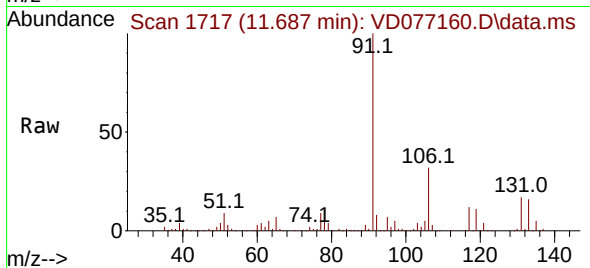
Tgt Ion:131 Resp: 163297
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 66.0 35.6 106.9





#67
Ethyl Benzene
Concen: 54.399 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

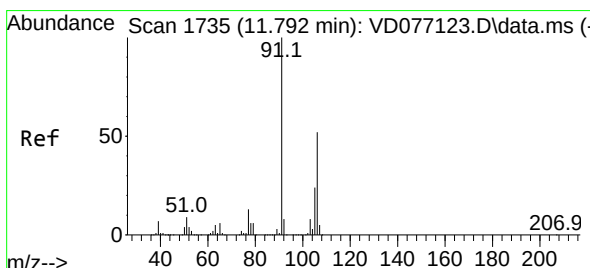
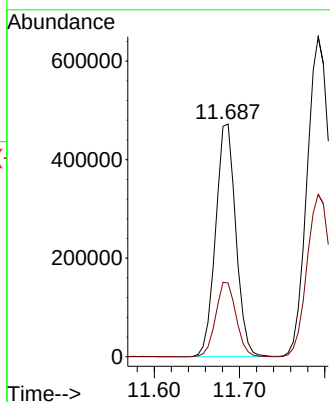
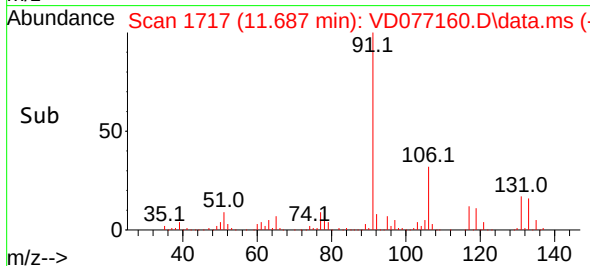
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



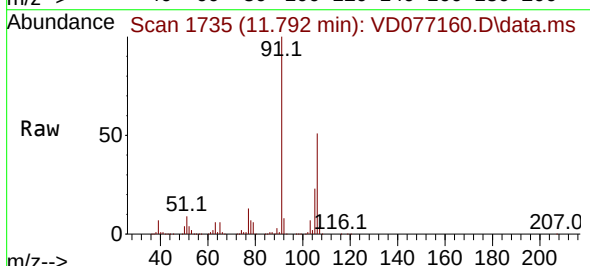
Tgt Ion: 91 Resp: 779398
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7

Manual Integrations
APPROVED

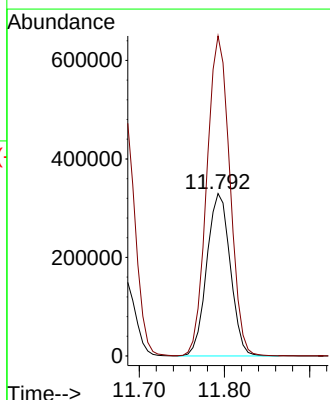
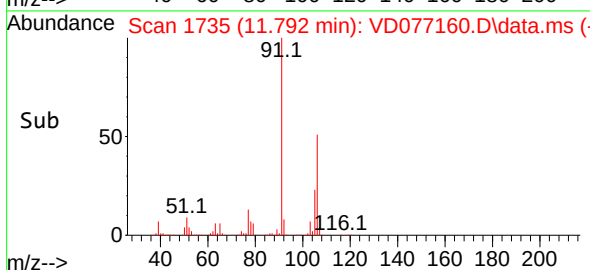
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

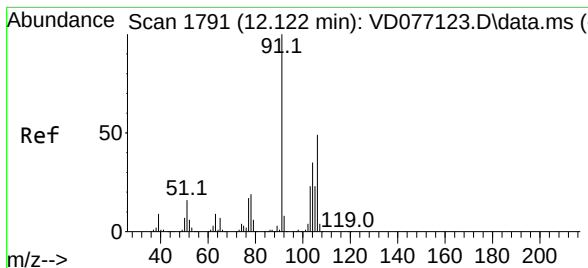


#68
m/p-Xylenes
Concen: 110.199 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



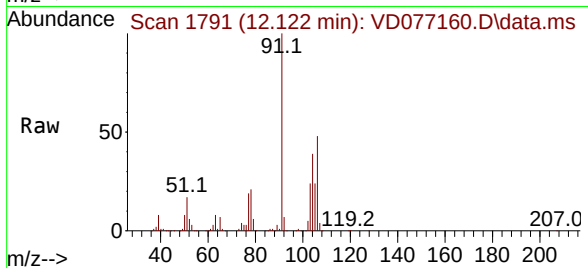
Tgt Ion:106 Resp: 632172
Ion Ratio Lower Upper
106 100
91 193.6 147.0 220.6





#69
o-Xylene
Concen: 54.881 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

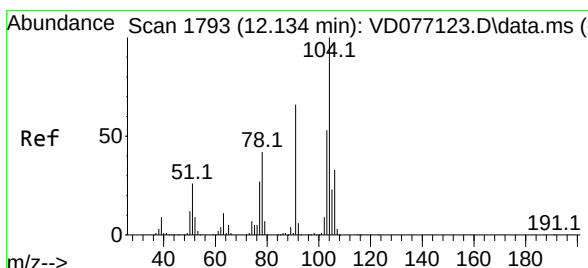
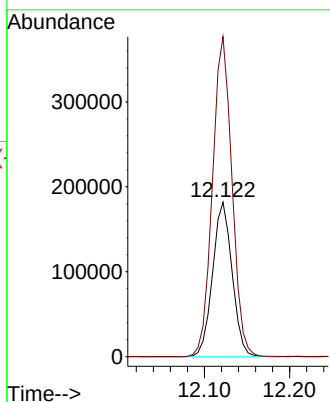
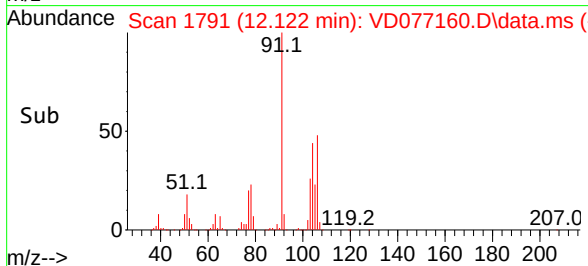
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



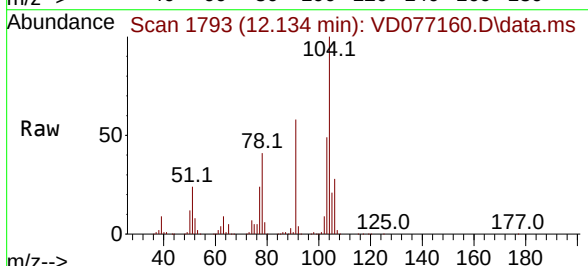
Tgt Ion:106 Resp: 288970
Ion Ratio Lower Upper
106 100
91 207.6 97.9 293.6

Manual Integrations
APPROVED

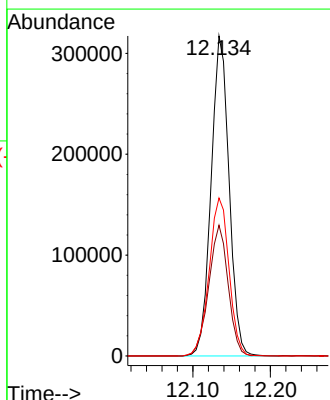
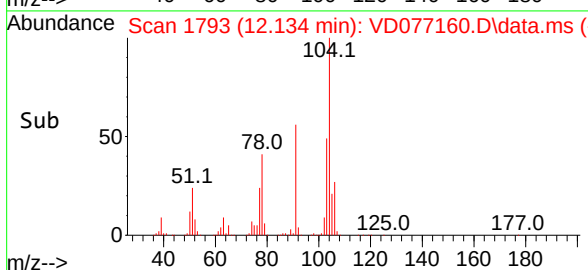
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

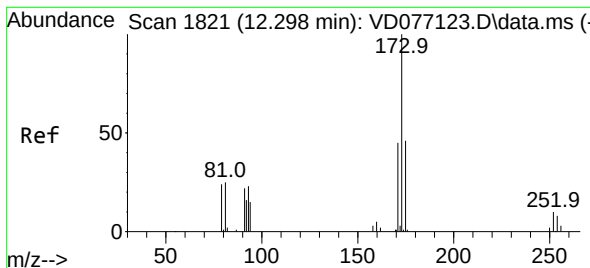


#70
Styrene
Concen: 57.003 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



Tgt Ion:104 Resp: 511349
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 54.6 43.6 65.4





#71

Bromoform

Concen: 54.405 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

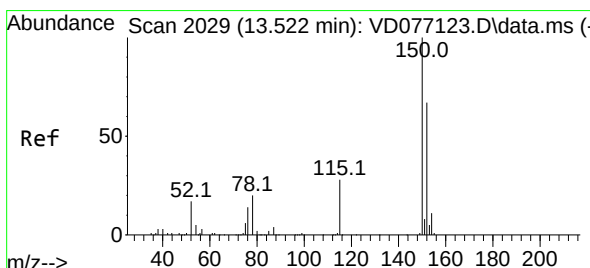
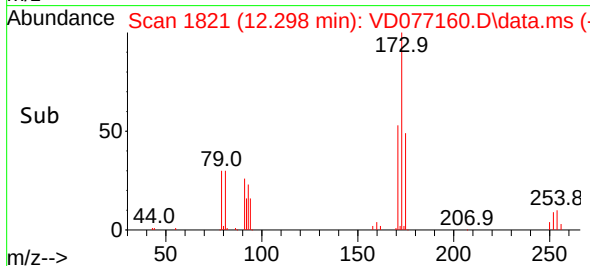
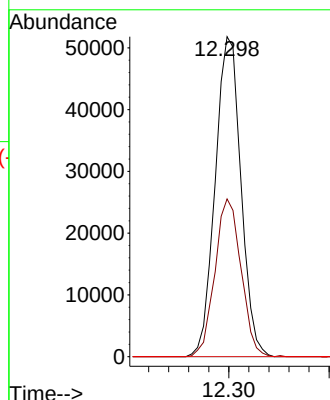
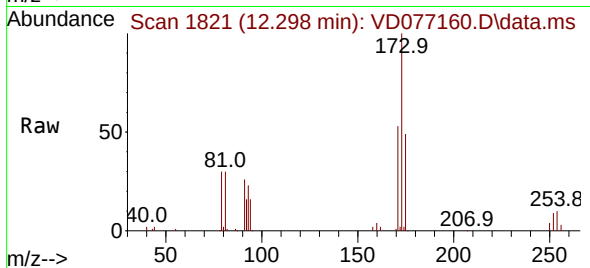
VSTDCCC050

Tgt Ion:173	Resp:	91960
Ion Ratio	Lower	Upper
173	100	
175	50.1	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

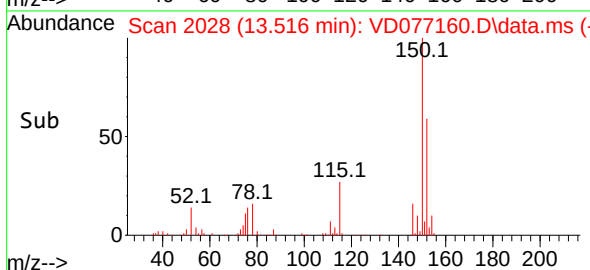
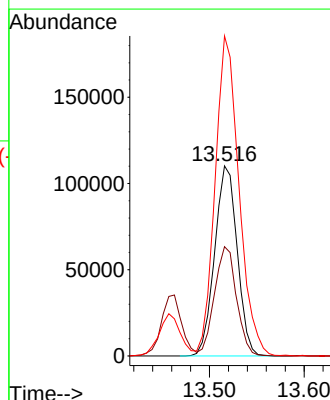
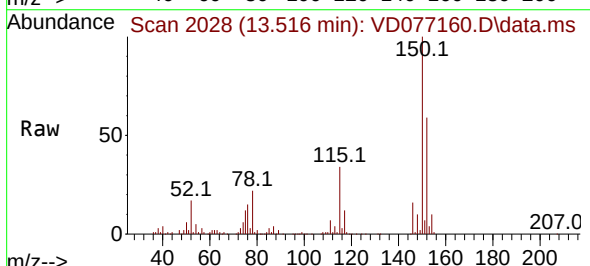
RT: 13.516 min Scan# 2028

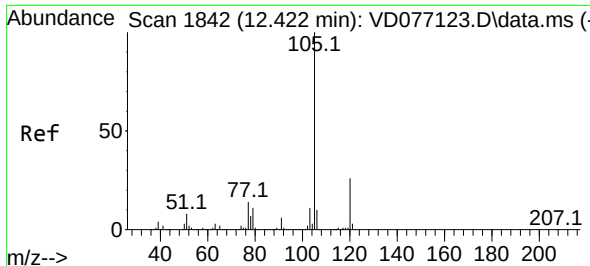
Delta R.T. -0.006 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

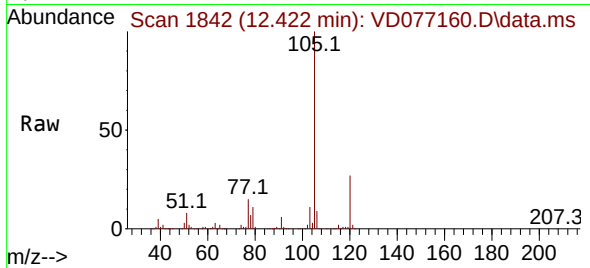
Tgt Ion:152	Resp:	182257
Ion Ratio	Lower	Upper
152	100	
115	56.3	27.1 81.3
150	178.2	0.0 353.6





#73
Isopropylbenzene
Concen: 55.425 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

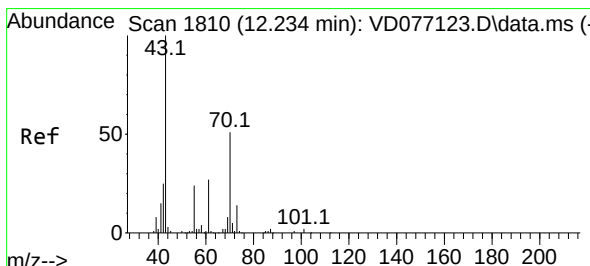
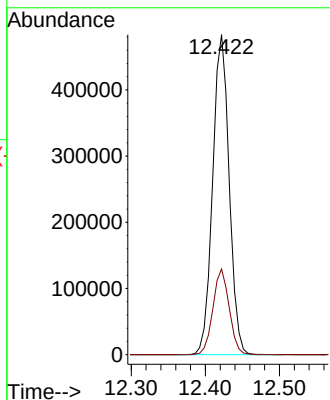
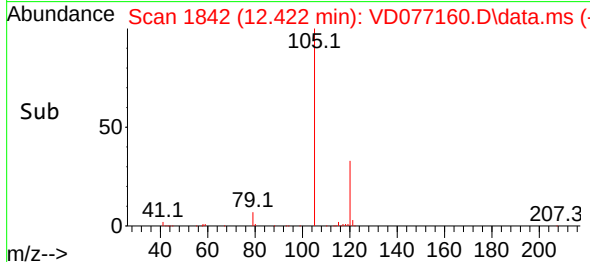
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 746414
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9

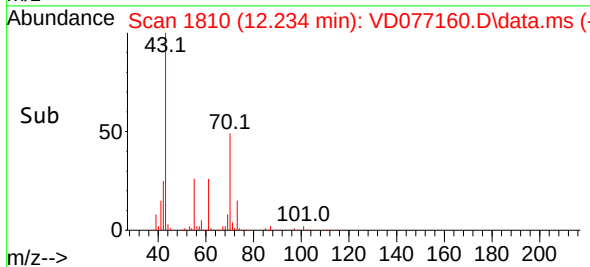
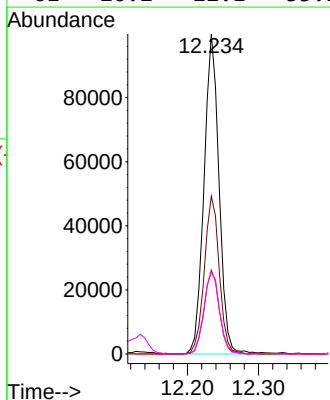
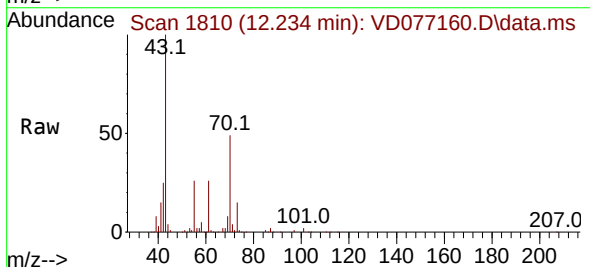
Manual Integrations
APPROVED

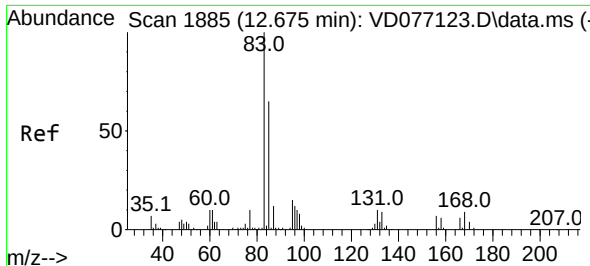
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#74
N-ethyl acetate
Concen: 58.306 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

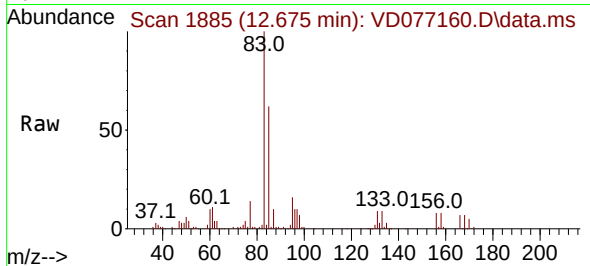
Tgt Ion: 43 Resp: 147497
Ion Ratio Lower Upper
43 100
70 49.0 45.0 67.4
55 26.6 23.8 35.6
61 26.2 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 56.754 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

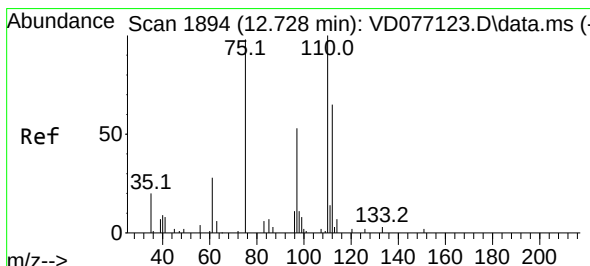
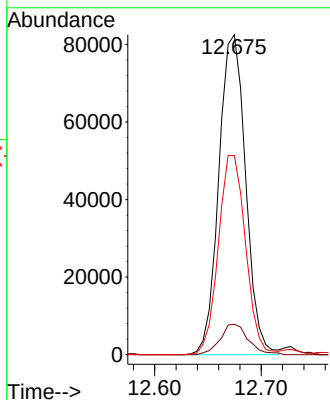
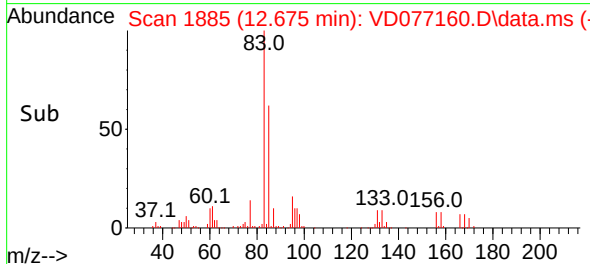
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14423
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 63.2 32.6 97.8

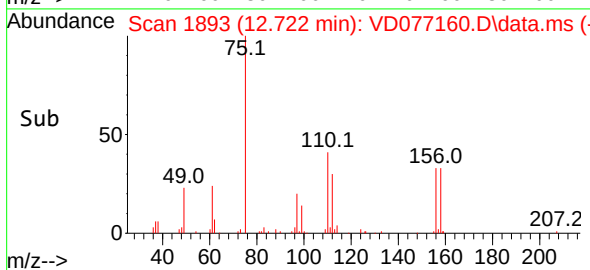
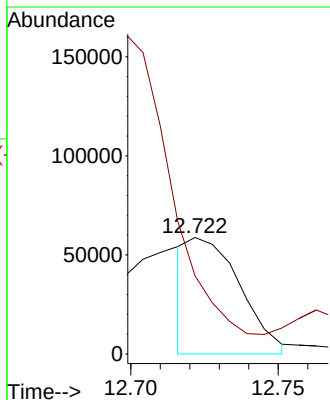
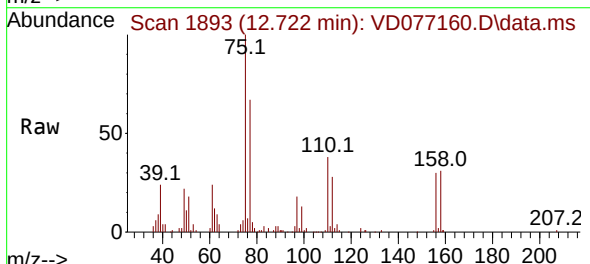
Manual Integrations
APPROVED

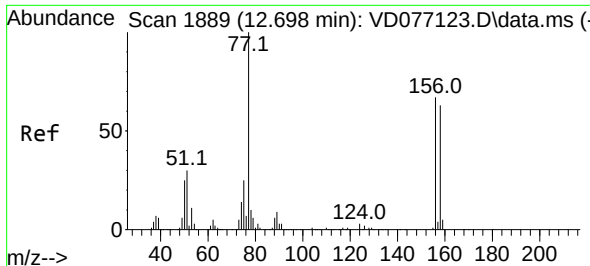
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#76
1,2,3-Trichloropropane
Concen: 49.775 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

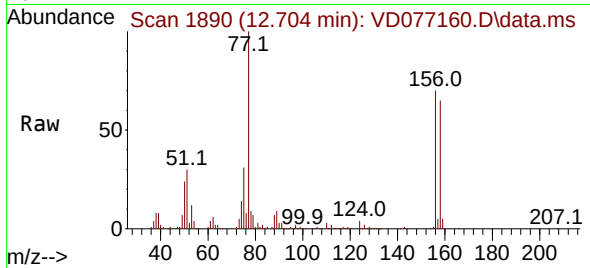
Tgt Ion: 75 Resp: 72363
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 53.511 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

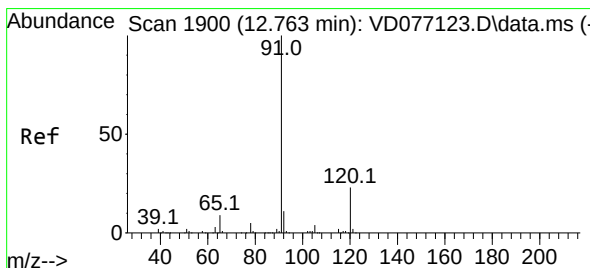
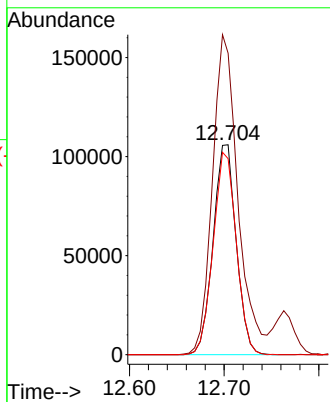
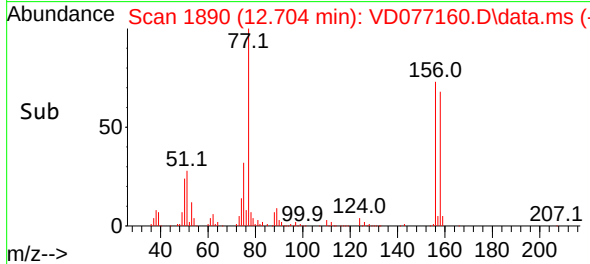
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 17943
Ion Ratio Lower Upper
156 100
77 168.5 76.8 230.4
158 96.8 48.6 145.9

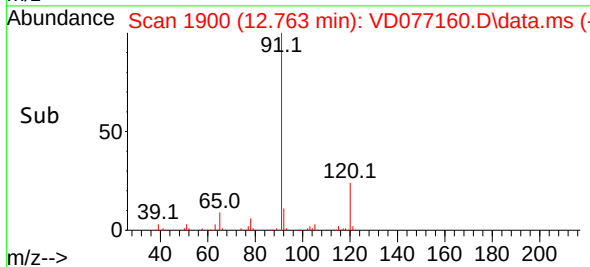
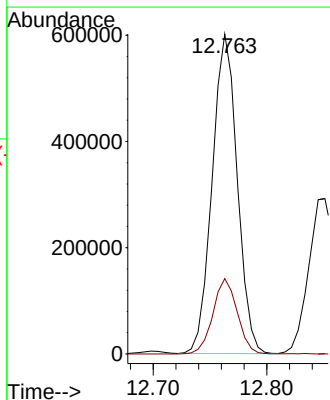
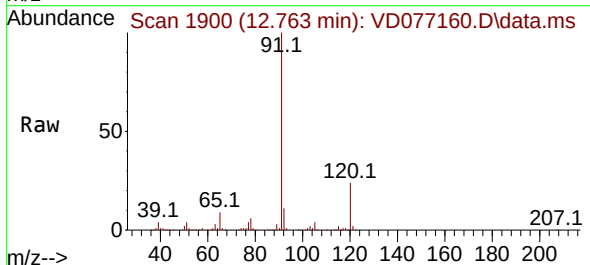
Manual Integrations
APPROVED

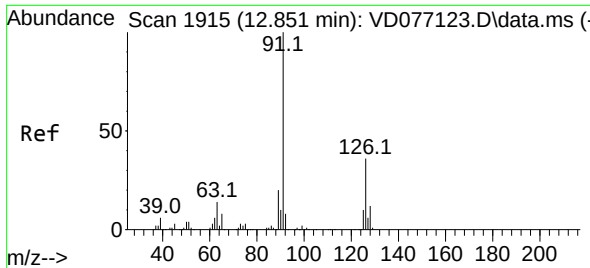
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#78
n-propylbenzene
Concen: 56.050 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Tgt Ion: 91 Resp: 922644
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2





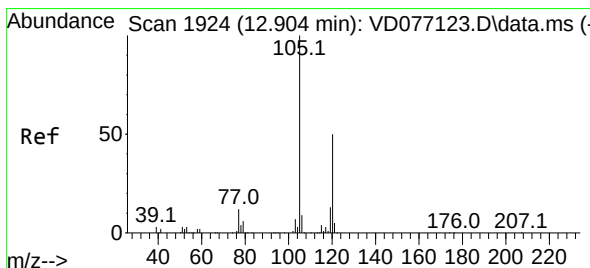
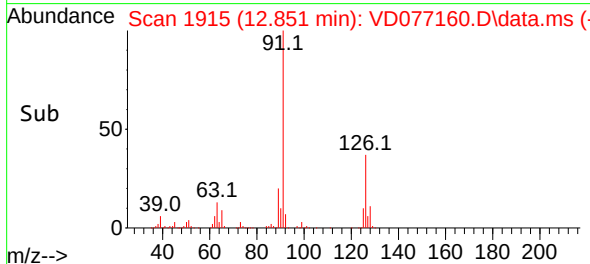
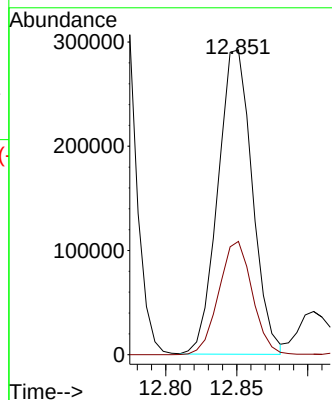
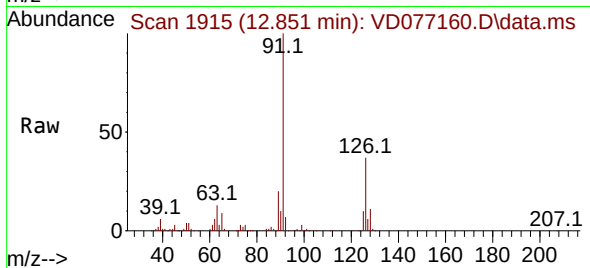
#79
2-Chlorotoluene
Concen: 54.346 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 493318
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.1

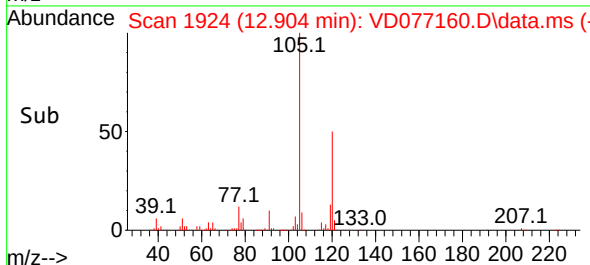
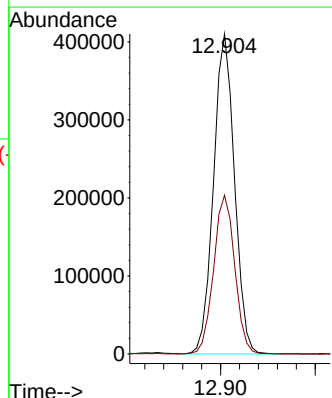
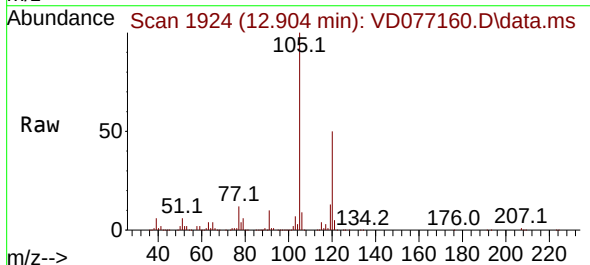
Manual Integrations
APPROVED

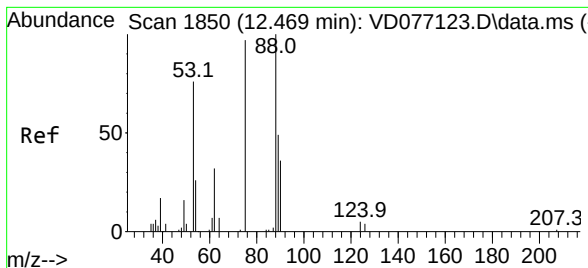
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.931 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

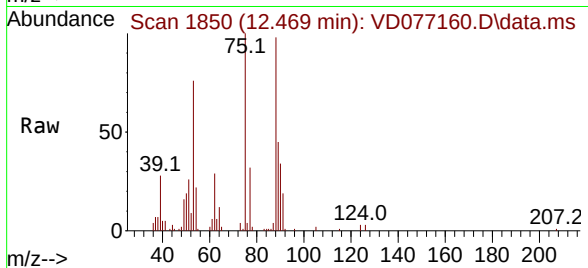
Tgt Ion:105 Resp: 629054
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 57.821 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

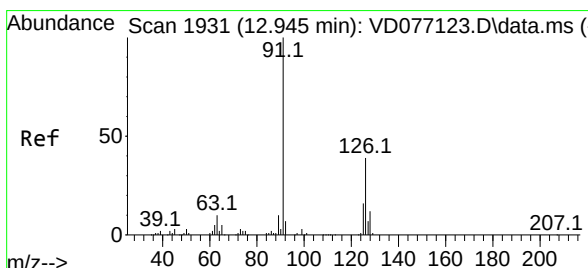
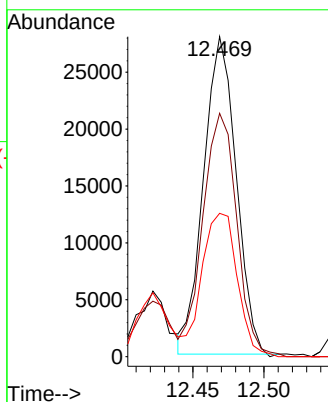
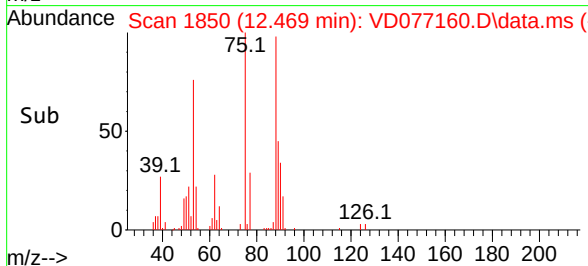
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4441
Ion Ratio Lower Upper
75 100
53 80.5 63.0 94.4
89 49.7 37.9 56.9

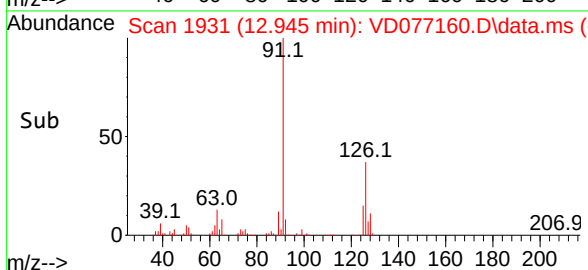
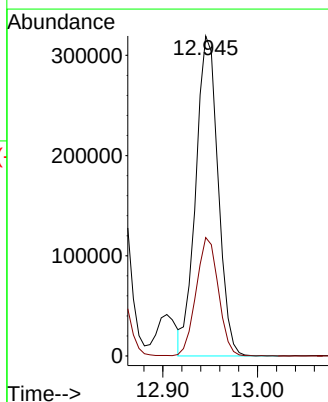
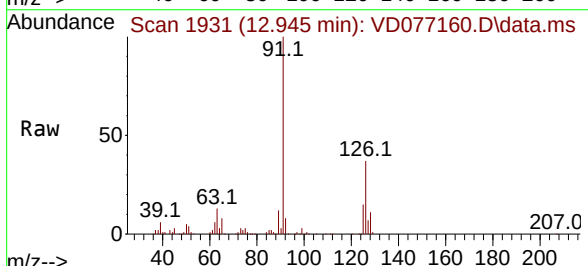
Manual Integrations
APPROVED

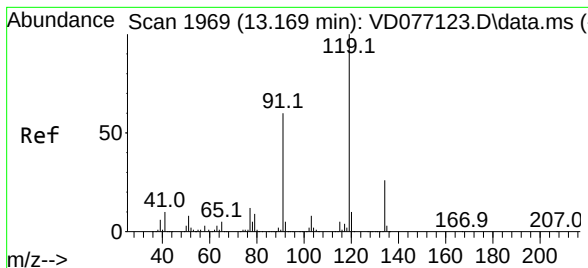
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#82
4-Chlorotoluene
Concen: 54.766 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

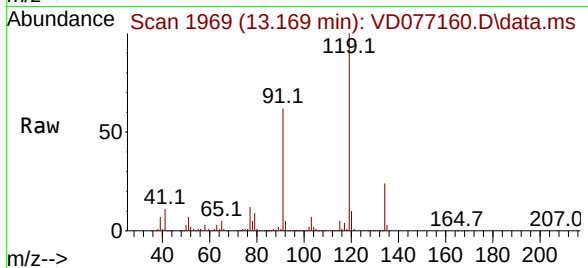
Tgt Ion: 91 Resp: 522489
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.4





#83
tert-Butylbenzene
Concen: 55.848 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

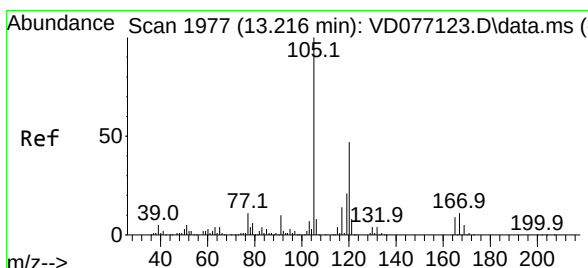
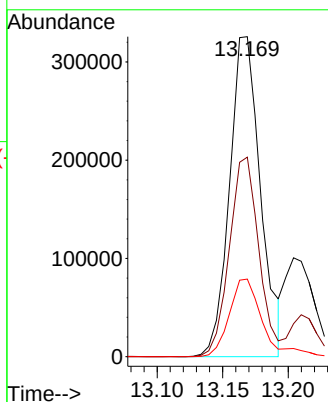
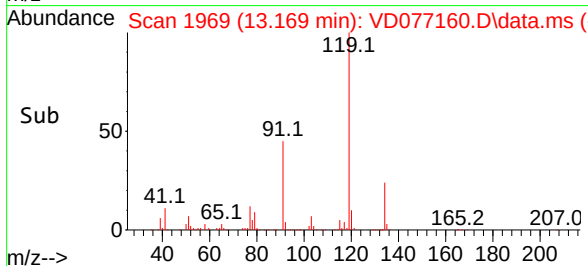
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



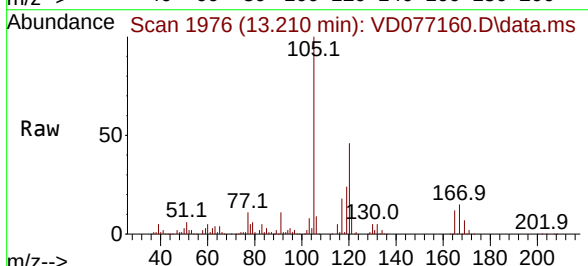
Tgt Ion:119 Resp: 536640
Ion Ratio Lower Upper
119 100
91 59.2 29.3 87.8
134 25.9 14.1 42.3

Manual Integrations
APPROVED

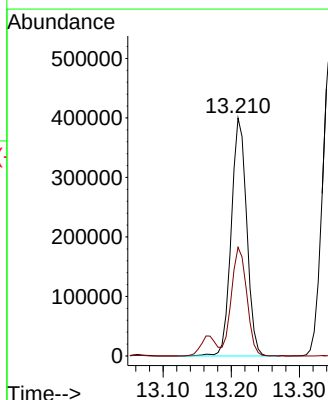
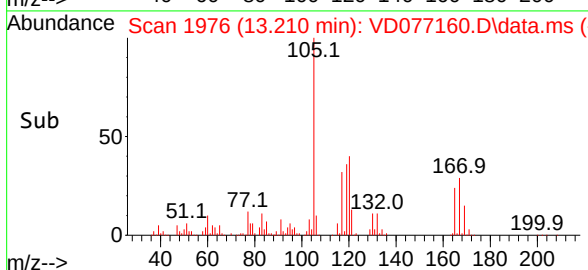
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

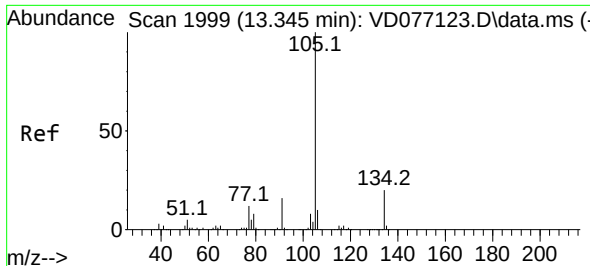


#84
1,2,4-Trimethylbenzene
Concen: 55.207 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02



Tgt Ion:105 Resp: 629614
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9





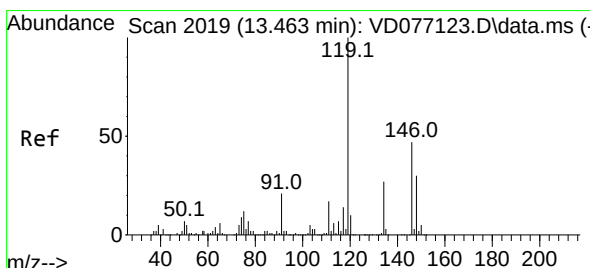
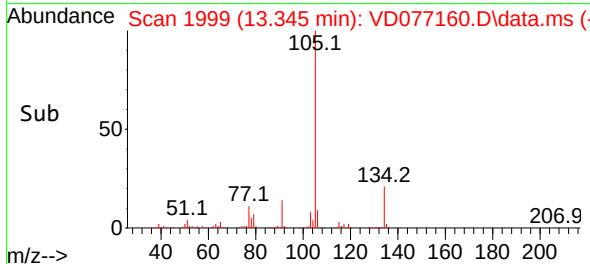
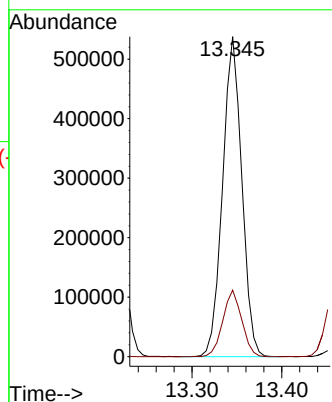
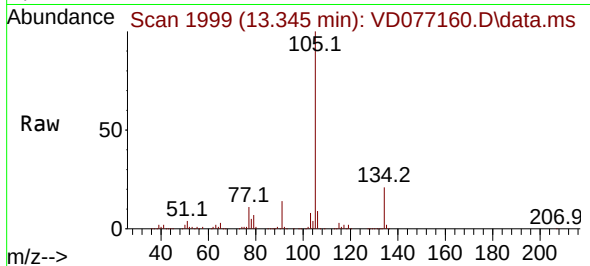
#85
 sec-Butylbenzene
 Concen: 55.430 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077160.D
 Acq: 20 Sep 2023 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 799230
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9

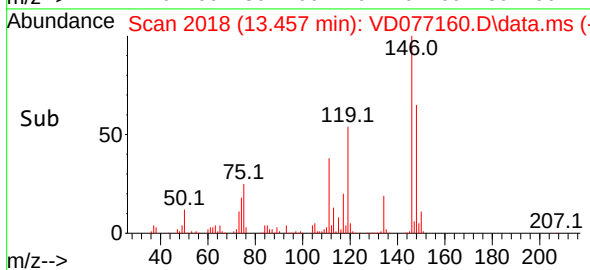
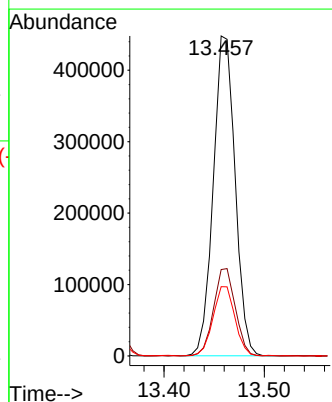
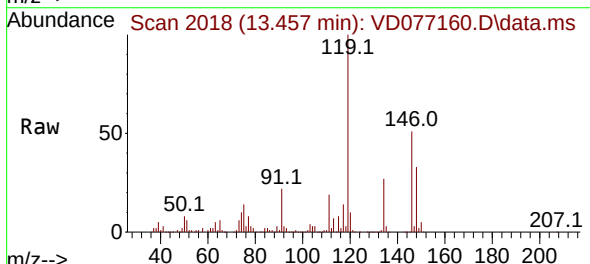
Manual Integrations
 APPROVED

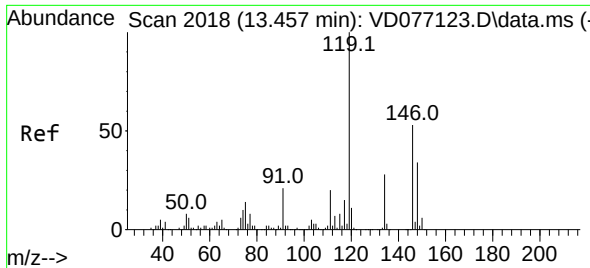
Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023



#86
 p-Isopropyltoluene
 Concen: 55.411 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077160.D
 Acq: 20 Sep 2023 10:02

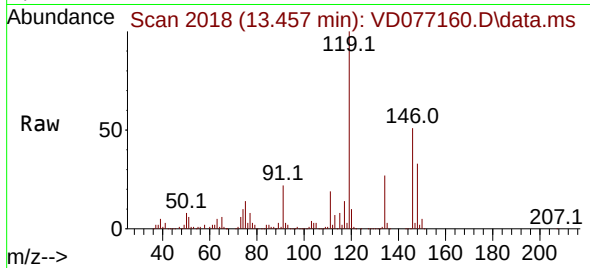
Tgt Ion:119 Resp: 677784
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 21.7 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 53.438 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

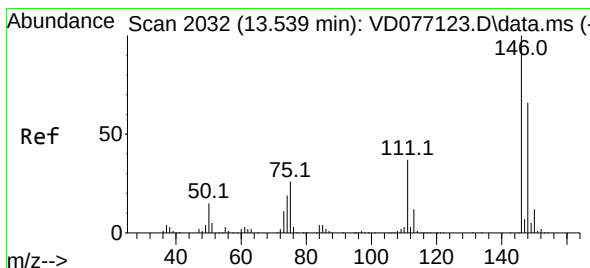
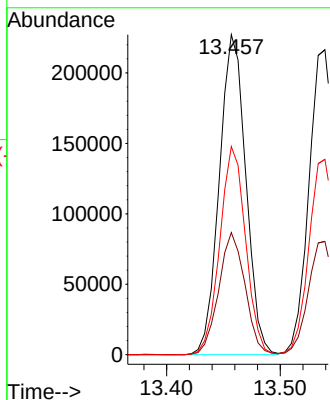
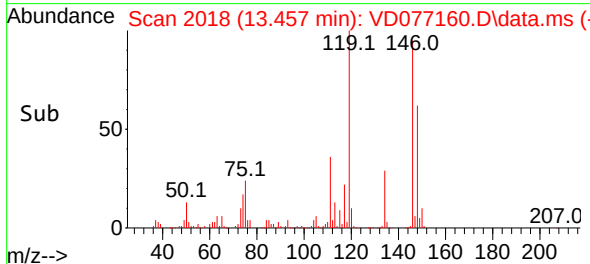
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 36852
Ion Ratio Lower Upper
146 100
111 37.8 17.9 53.8
148 63.3 32.3 96.8

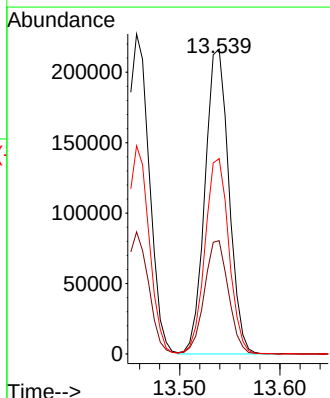
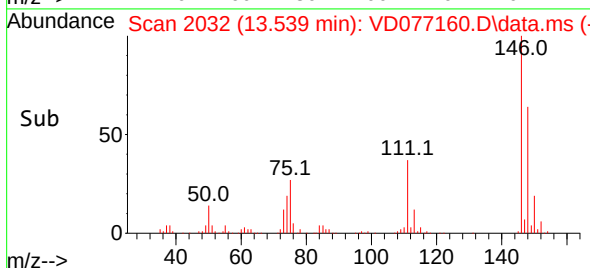
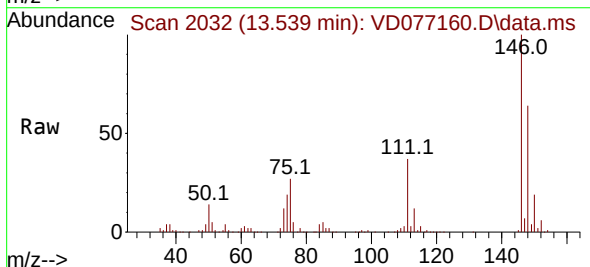
Manual Integrations
APPROVED

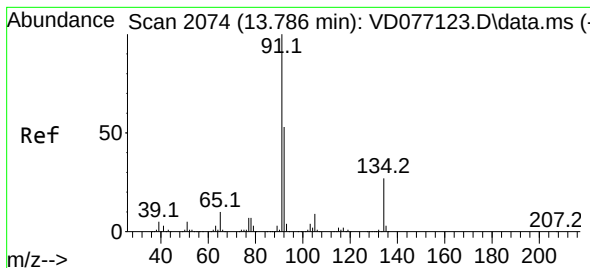
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#88
1,4-Dichlorobenzene
Concen: 53.018 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Tgt Ion:146 Resp: 359733
Ion Ratio Lower Upper
146 100
111 37.4 17.4 52.3
148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 54.661 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

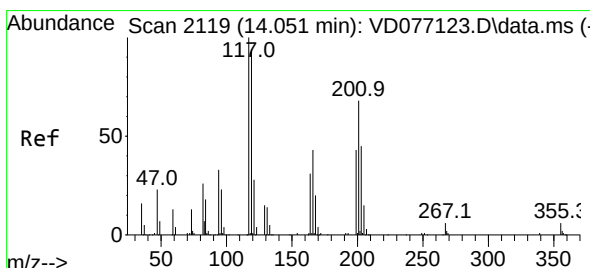
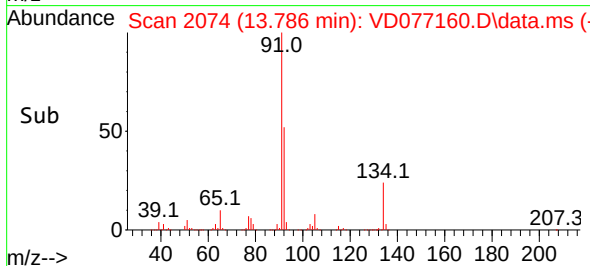
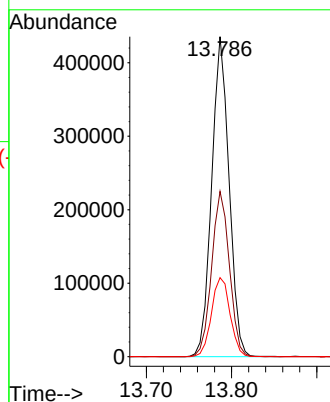
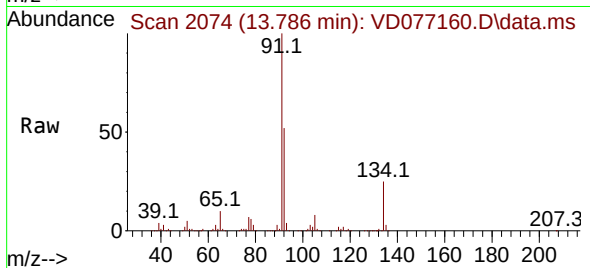
VSTDCCC050

Tgt Ion: 91 Resp: 61679
 Ion Ratio Lower Upper
 91 100
 92 52.7 26.5 79.5
 134 26.4 13.8 41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023



#90

Hexachloroethane

Concen: 52.912 ug/l

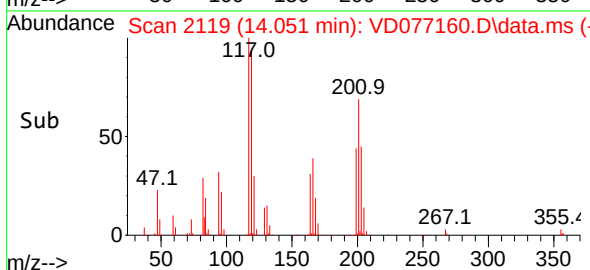
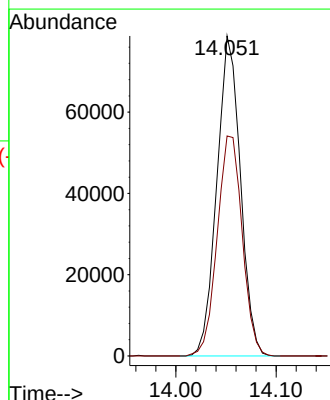
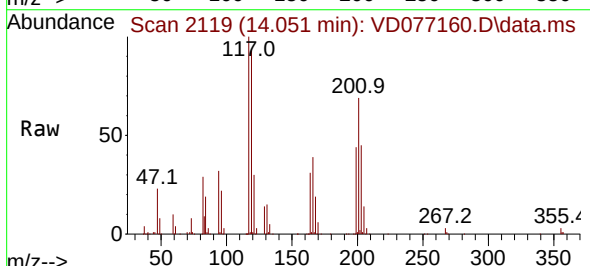
RT: 14.051 min Scan# 2119

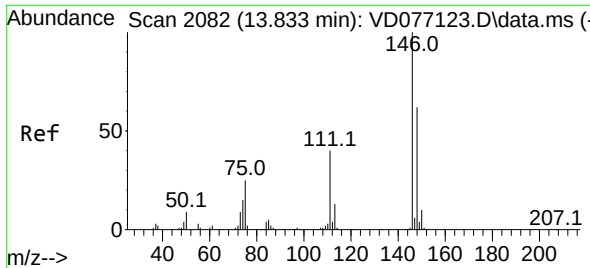
Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion:117 Resp: 128357
 Ion Ratio Lower Upper
 117 100
 201 73.0 38.5 115.5





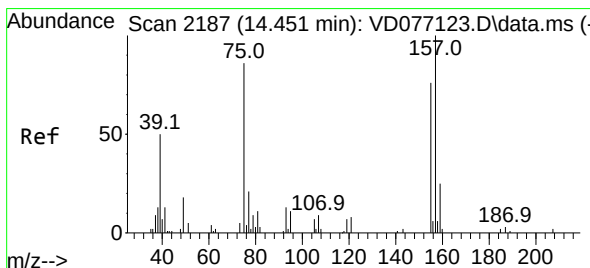
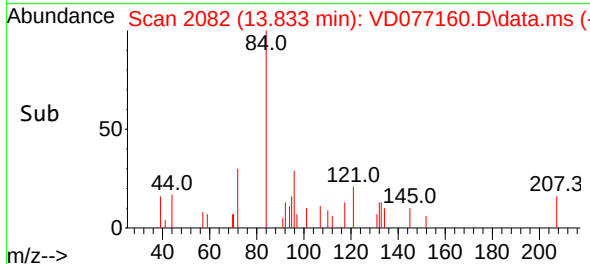
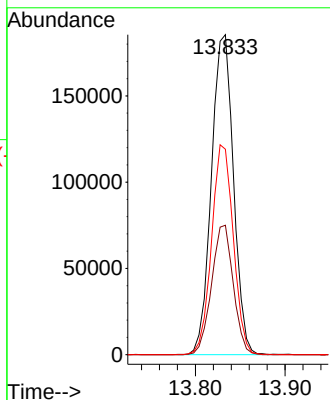
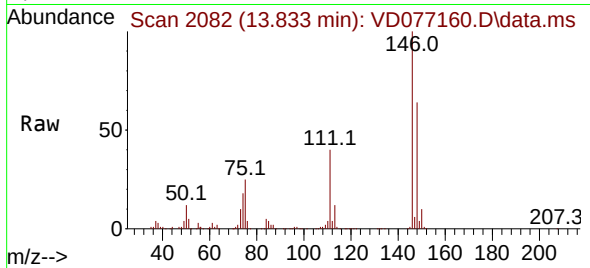
#91
1,2-Dichlorobenzene
Concen: 53.552 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 31664
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 64.7 31.6 94.7

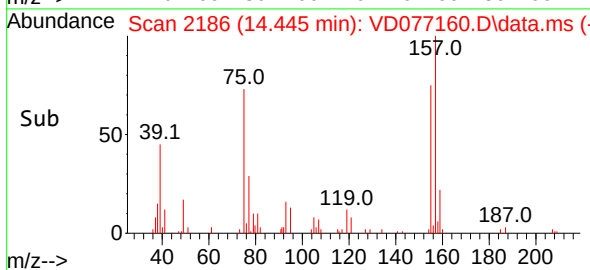
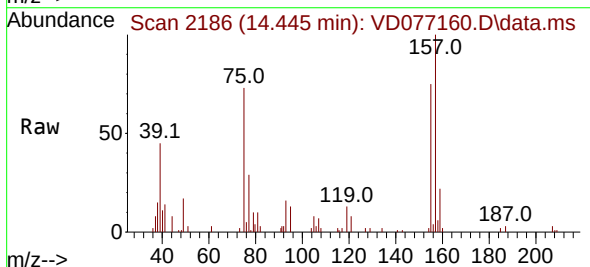
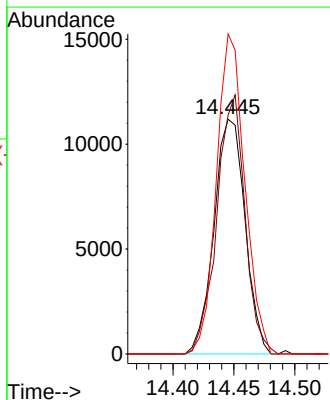
Manual Integrations
APPROVED

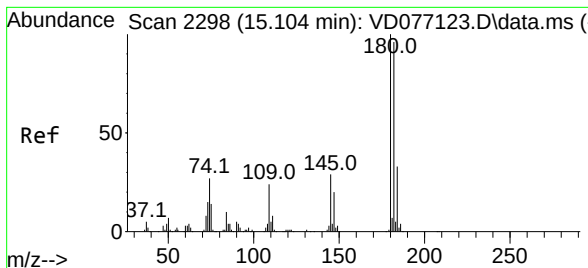
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.627 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077160.D
Acq: 20 Sep 2023 10:02

Tgt Ion: 75 Resp: 19895
Ion Ratio Lower Upper
75 100
155 99.7 47.9 143.8
157 124.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 55.006 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 200650

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.6

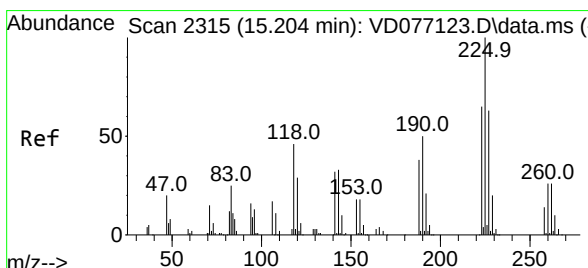
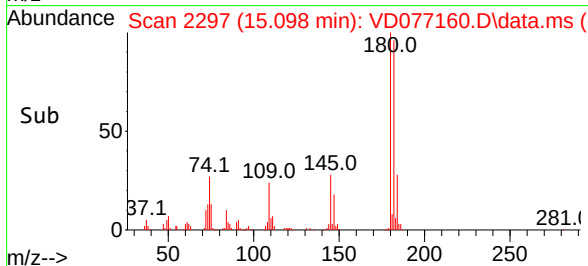
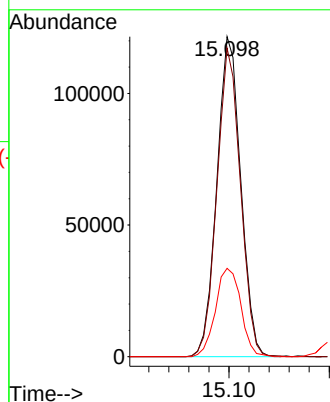
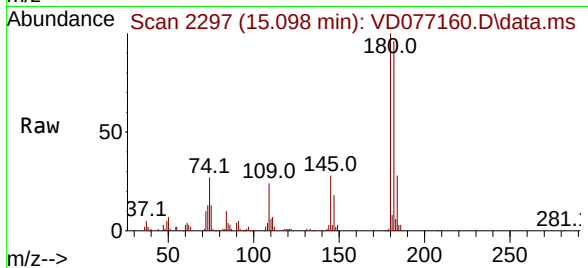
145 29.3 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#94

Hexachlorobutadiene

Concen: 49.894 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

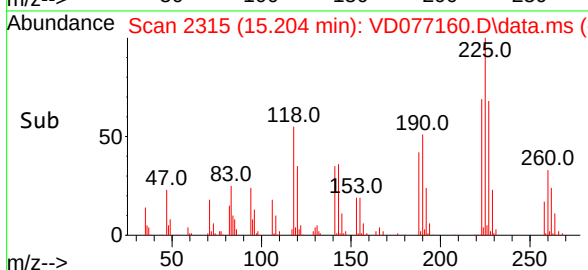
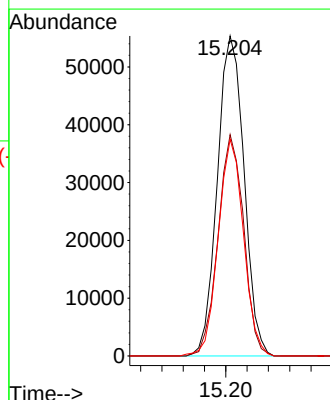
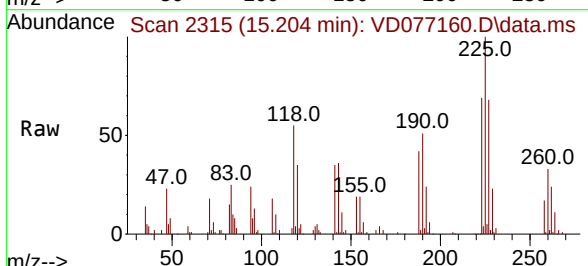
Tgt Ion:225 Resp: 96449

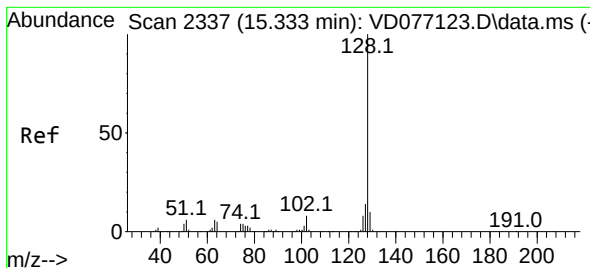
Ion Ratio Lower Upper

225 100

223 66.1 31.6 94.8

227 64.1 31.7 95.1





#95

Naphthalene

Concen: 57.183 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

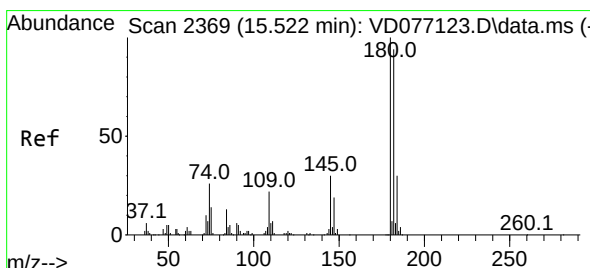
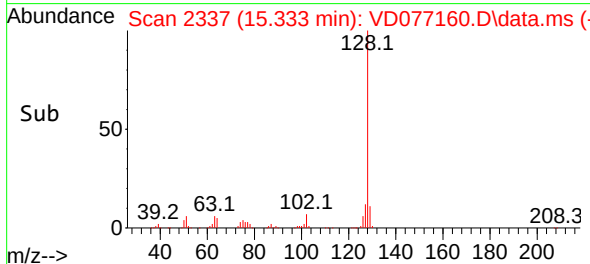
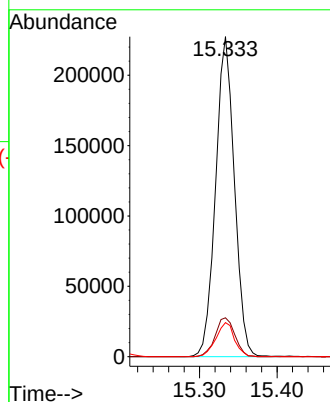
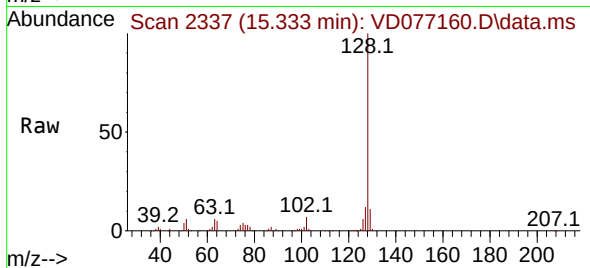
VSTDCCC050

Tgt Ion:	128	Resp:	382510
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.867 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077160.D

Acq: 20 Sep 2023 10:02

Tgt Ion:	180	Resp:	174660
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	141.9
145	32.4	15.1	45.3

