

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078039.D
 Acq On : 21 Dec 2023 22:02
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05007

Quant Time: Dec 22 05:40:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	110377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	179180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69870	53.720	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.440%			
35) Dibromofluoromethane	7.804	113	75971	56.303	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.600%			
50) Toluene-d8	10.269	98	297907	55.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.240%			
62) 4-Bromofluorobenzene	12.575	95	89480	55.380	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61910	44.902	ug/l	97
3) Chloromethane	2.152	50	101699	54.113	ug/l	98
4) Vinyl Chloride	2.287	62	146815	57.543	ug/l	96
5) Bromomethane	2.699	94	117708	82.219	ug/l	100
6) Chloroethane	2.840	64	110276	63.397	ug/l	97
7) Trichlorofluoromethane	3.187	101	121659	51.774	ug/l	97
8) Diethyl Ether	3.599	74	38670	58.606	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.975	101	72860	54.200	ug/l	98
10) Methyl Iodide	4.175	142	90652	73.310	ug/l	93
11) Tert butyl alcohol	5.045	59	16175	258.638	ug/l #	91
12) 1,1-Dichloroethene	3.951	96	73764	55.597	ug/l	90
13) Acrolein	3.793	56	29424	213.863	ug/l	97
14) Allyl chloride	4.575	41	96033	52.628	ug/l	93
15) Acrylonitrile	5.257	53	79920	282.893	ug/l	94
16) Acetone	4.022	43	70982	252.887	ug/l #	85
17) Carbon Disulfide	4.275	76	204227	45.498	ug/l	98
18) Methyl Acetate	4.569	43	66492	64.913	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	172270	61.198	ug/l	96
20) Methylene Chloride	4.810	84	96799	64.222	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	89411	59.497	ug/l	94
22) Diisopropyl ether	6.222	45	215938	56.628	ug/l	98
23) Vinyl Acetate	6.163	43	469159	251.943	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	154184	59.707	ug/l	97
25) 2-Butanone	7.087	43	94388	264.900	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	123390	56.911	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	103141	63.784	ug/l	94
28) Bromochloromethane	7.428	49	58758	56.310	ug/l	83
29) Tetrahydrofuran	7.451	42	55128	266.173	ug/l	94
30) Chloroform	7.604	83	163932	63.430	ug/l	93
31) Cyclohexane	7.881	56	106584	46.072	ug/l	96
32) 1,1,1-Trichloroethane	7.798	97	135571	59.504	ug/l	98
36) 1,1-Dichloropropene	8.010	75	116619	54.032	ug/l	96
37) Ethyl Acetate	7.169	43	38538	45.792	ug/l	95
38) Carbon Tetrachloride	7.992	117	117278	54.504	ug/l	97
39) Methylcyclohexane	9.275	83	129871	50.757	ug/l	97
40) Benzene	8.257	78	356857	58.255	ug/l	100

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 Supervised By :Semsettin Yesilyurt 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	21734	50.811	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	94203	59.326	ug/l	97
43) Isopropyl Acetate	8.363	43	79634	53.231	ug/l	95
44) Trichloroethene	9.028	130	93731	58.715	ug/l	93
45) 1,2-Dichloropropane	9.304	63	89707	60.240	ug/l	95
46) Dibromomethane	9.398	93	49508	62.832	ug/l	93
47) Bromodichloromethane	9.586	83	124359	62.268	ug/l	96
48) Methyl methacrylate	9.381	41	43556	51.218	ug/l #	83
49) 1,4-Dioxane	9.386	88	8510	1087.682	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	207371	271.602	ug/l	93
52) Toluene	10.333	92	230288	60.604	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	115883	60.423	ug/l	94
54) cis-1,3-Dichloropropene	10.022	75	138469	59.717	ug/l #	91
55) 1,1,2-Trichloroethane	10.733	97	66498	61.699	ug/l	97
56) Ethyl methacrylate	10.598	69	57245	60.252	ug/l	92
57) 1,3-Dichloropropane	10.880	76	115661	62.257	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	125127	230.941	ug/l	95
59) 2-Hexanone	10.922	43	148286	234.095	ug/l	90
60) Dibromochloromethane	11.075	129	85619	65.982	ug/l	95
61) 1,2-Dibromoethane	11.180	107	63841	62.926	ug/l	99
64) Tetrachloroethene	10.810	164	77895	59.148	ug/l	94
65) Chlorobenzene	11.610	112	245388	58.408	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	93986	63.078	ug/l	97
67) Ethyl Benzene	11.686	91	446222	59.817	ug/l	99
68) m/p-Xylenes	11.792	106	351835	123.303	ug/l	93
69) o-Xylene	12.122	106	163834	62.300	ug/l	95
70) Styrene	12.133	104	248738	63.610	ug/l	95
71) Bromoform	12.298	173	49255	63.266	ug/l #	99
73) Isopropylbenzene	12.422	105	434226	58.293	ug/l	96
74) N-amyl acetate	12.233	43	69581	47.519	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	76559	58.944	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	52238m	61.197	ug/l	
77) Bromobenzene	12.698	156	102278	58.374	ug/l	93
78) n-propylbenzene	12.763	91	524451	57.779	ug/l	96
79) 2-Chlorotoluene	12.851	91	285600	58.712	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	362283	58.312	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	23311	55.330	ug/l	95
82) 4-Chlorotoluene	12.945	91	299973	58.987	ug/l	98
83) tert-Butylbenzene	13.169	119	318354	60.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	370497	59.623	ug/l	97
85) sec-Butylbenzene	13.345	105	455555	58.759	ug/l	96
86) p-Isopropyltoluene	13.457	119	415357	59.837	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	216668	60.470	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	207680	58.337	ug/l	98
89) n-Butylbenzene	13.786	91	374853	57.391	ug/l	99
90) Hexachloroethane	14.051	117	81474	63.822	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	180446	59.215	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10979	58.520	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	114635	55.074	ug/l	96
94) Hexachlorobutadiene	15.198	225	60030	53.482	ug/l	99
95) Naphthalene	15.327	128	206363	59.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	97792	56.988	ug/l	98

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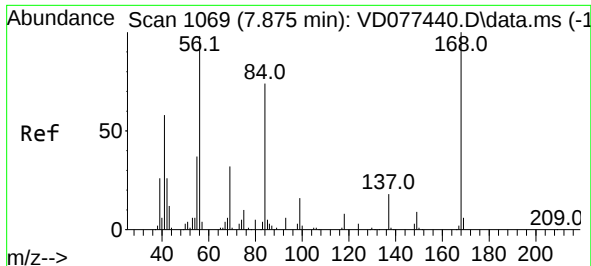
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

Quant Time: Dec 22 05:40:17 2023
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

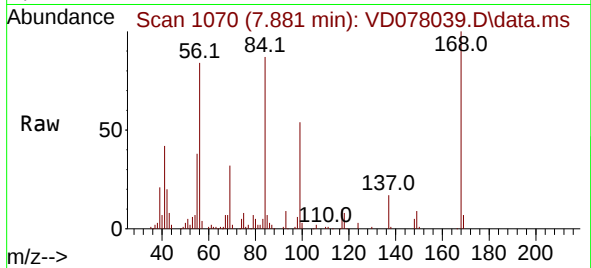
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11037
Delta R.T. 0.006 min
Lab File: VD078039.D
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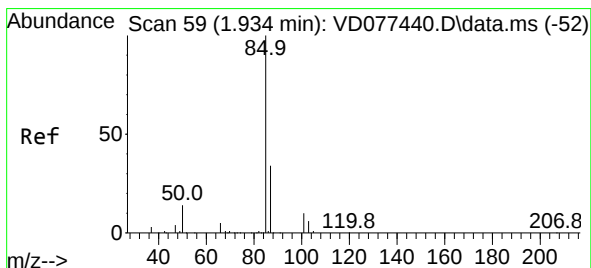
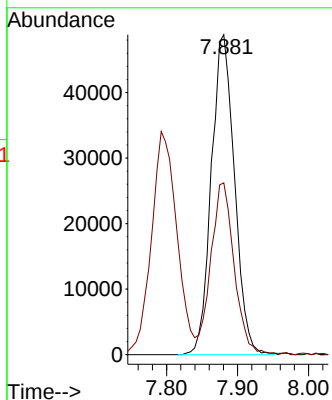
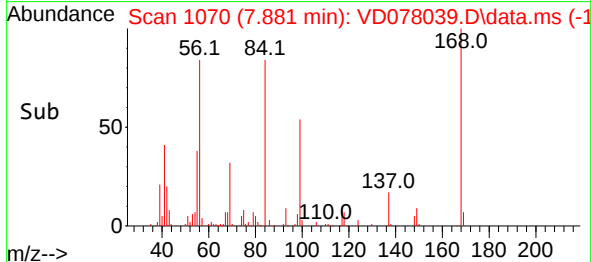
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion:168 Resp: 11037
Ion Ratio Lower Upper
168 100
99 53.7 36.7 55.1

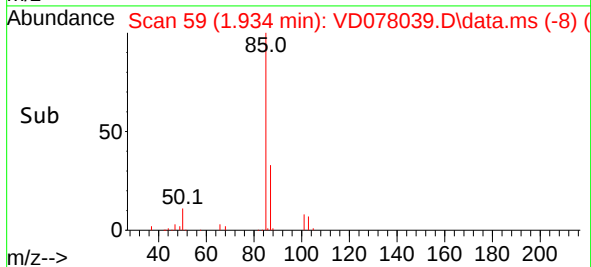
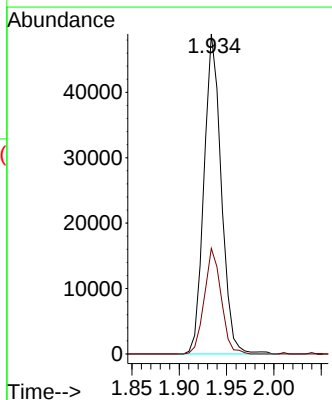
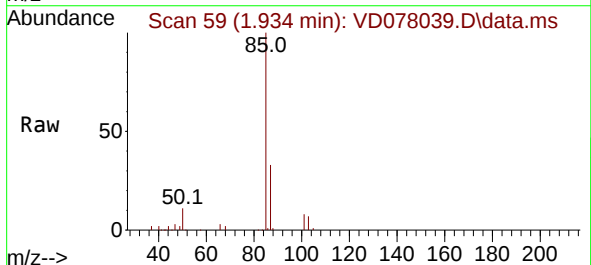
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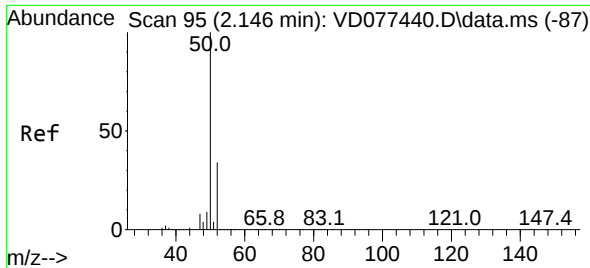
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#2
Dichlorodifluoromethane
Concen: 44.902 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

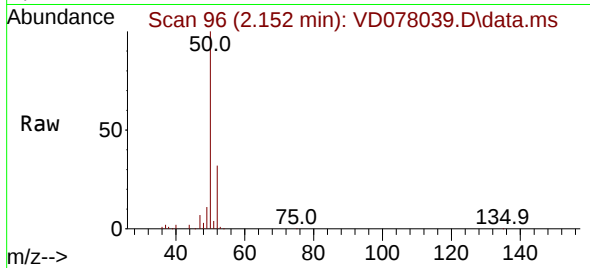
Tgt Ion: 85 Resp: 61910
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





#3
Chloromethane
Concen: 54.113 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

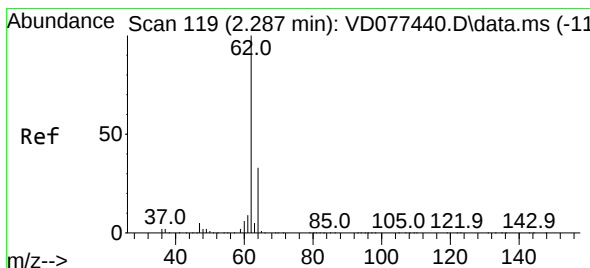
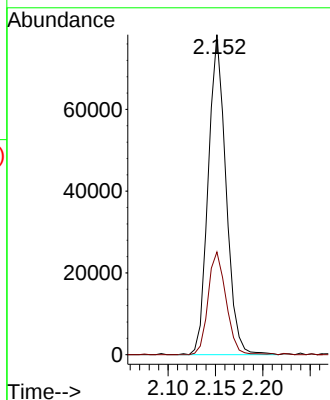
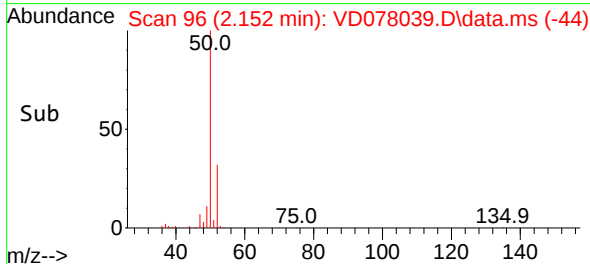
Instrument :
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Tgt Ion: 50 Resp: 101699
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0

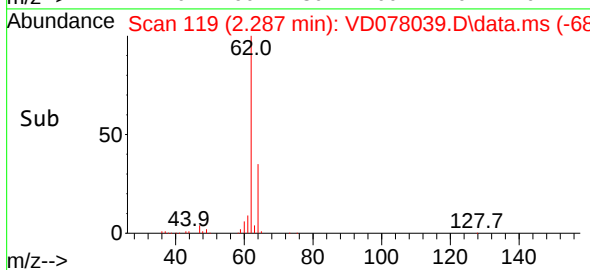
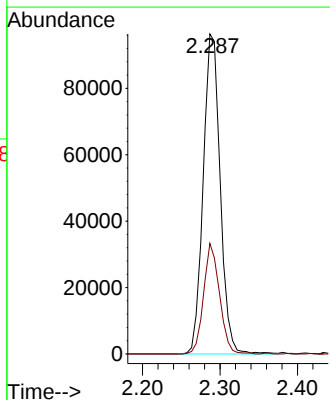
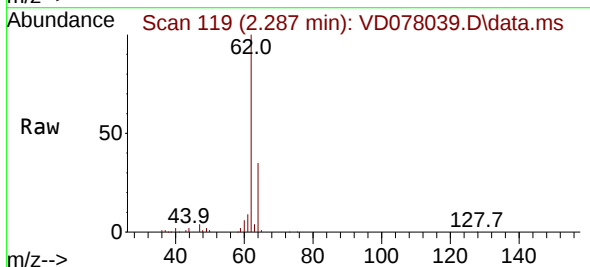
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#4
Vinyl Chloride
Concen: 57.543 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

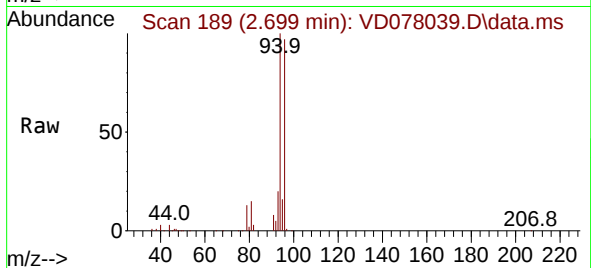
Tgt Ion: 62 Resp: 146815
Ion Ratio Lower Upper
62 100
64 34.5 26.0 39.0





#5
Bromomethane
Concen: 82.219 ug/l
RT: 2.699 min Scan# 117708
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

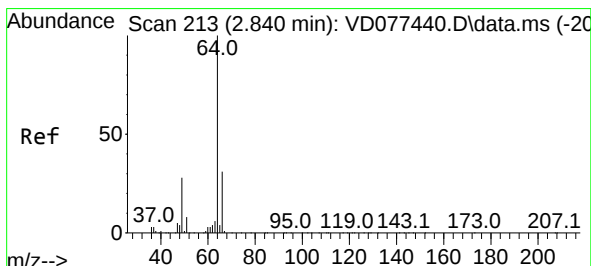
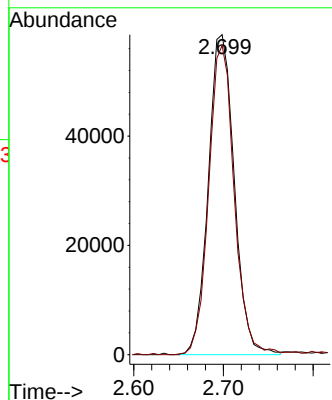
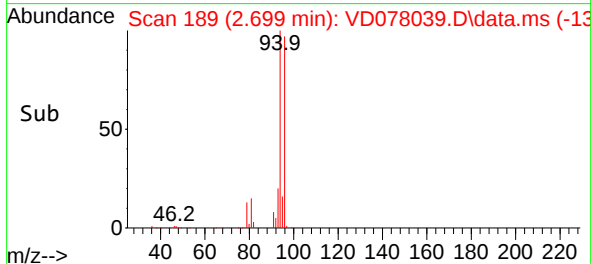
Instrument :
MSVOA_D
ClientSampleId :
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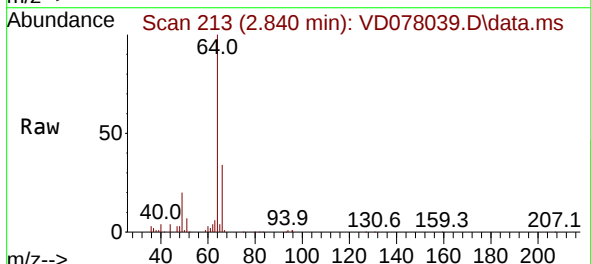
Tgt Ion: 94 Resp: 117708
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8

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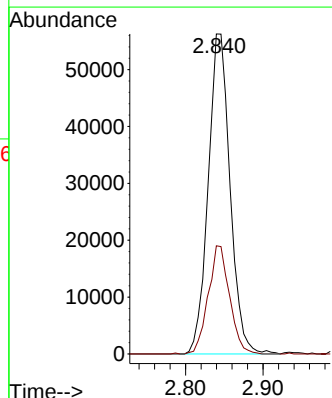
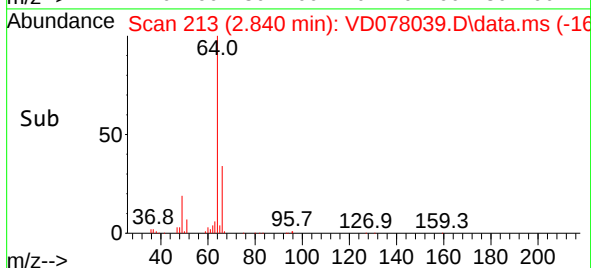
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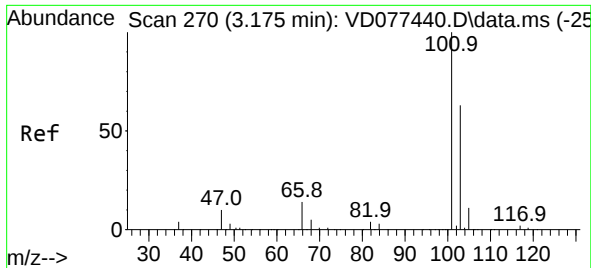


#6
Chloroethane
Concen: 63.397 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



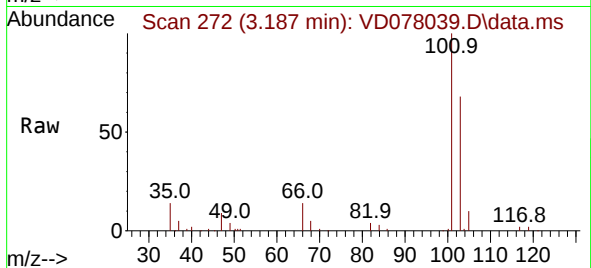
Tgt Ion: 64 Resp: 110276
Ion Ratio Lower Upper
64 100
66 33.8 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 51.774 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD078039.D
 Acq: 21 Dec 2023 22:02

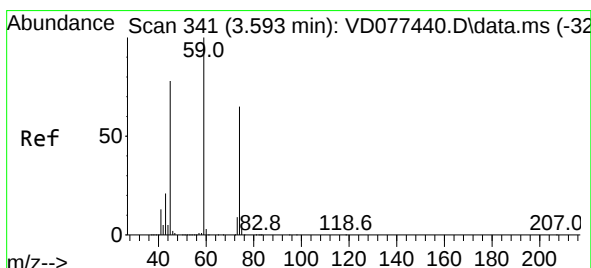
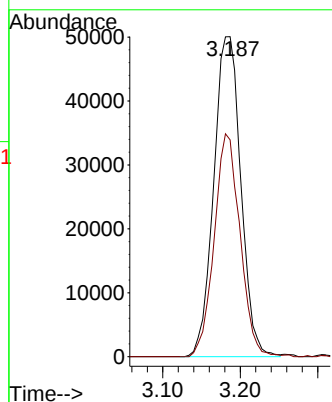
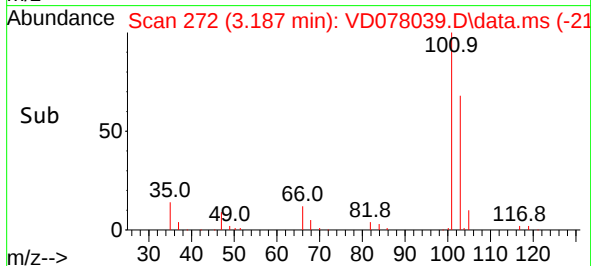
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 121659
 Ion Ratio Lower Upper
 101 100
 103 67.8 52.3 78.5

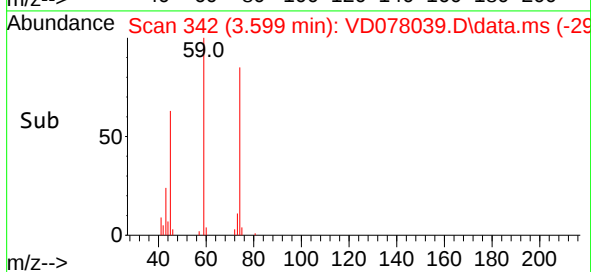
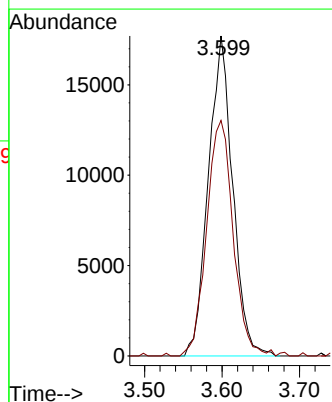
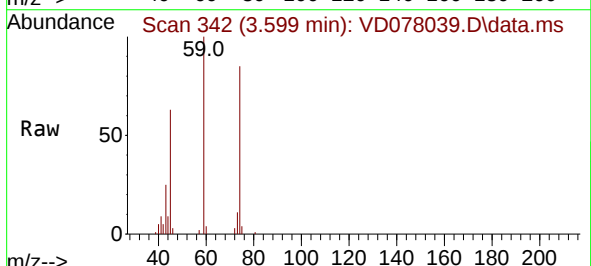
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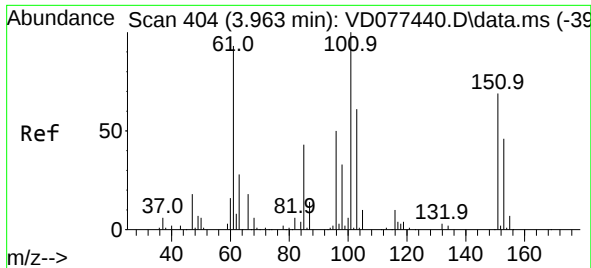
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#8
 Diethyl Ether
 Concen: 58.606 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078039.D
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Tgt Ion: 74 Resp: 38670
 Ion Ratio Lower Upper
 74 100
 45 80.4 37.5 112.7





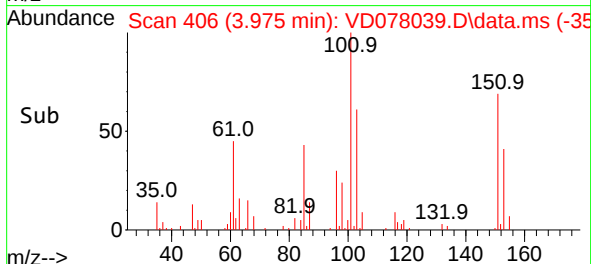
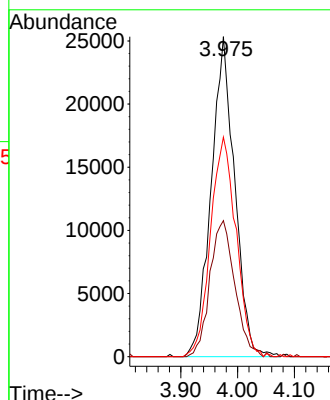
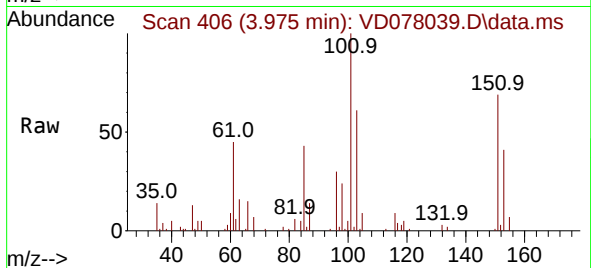
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.200 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 72860
Ion Ratio Lower Upper
101 100
85 44.9 33.8 50.6
151 74.4 59.8 89.6

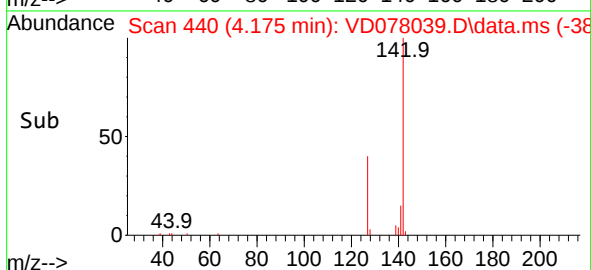
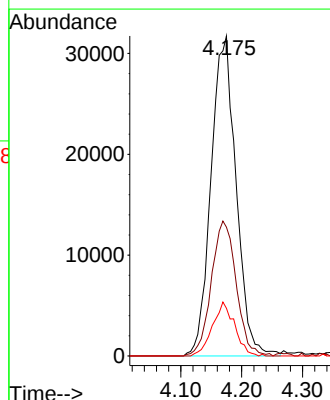
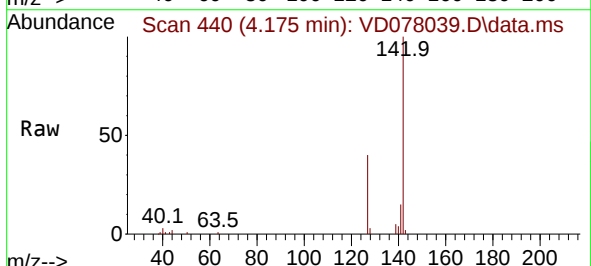
Manual Integrations
APPROVED

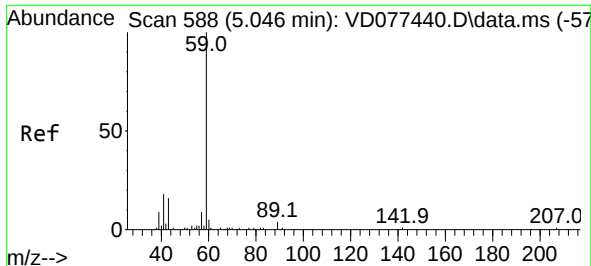
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 73.310 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

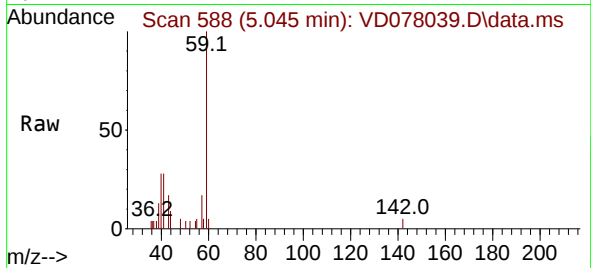
Tgt Ion:142 Resp: 90652
Ion Ratio Lower Upper
142 100
127 41.8 29.4 44.0
141 15.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 258.638 ug/l
RT: 5.045 min Scan# 588
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

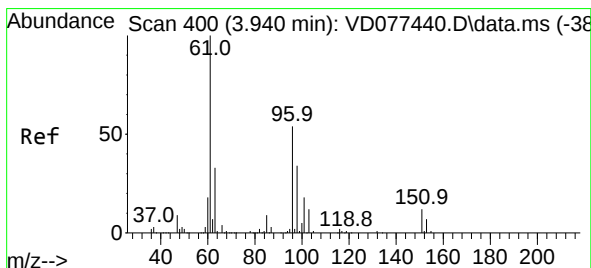
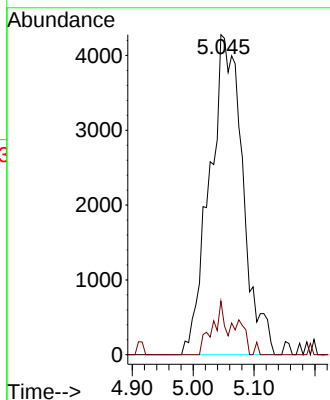
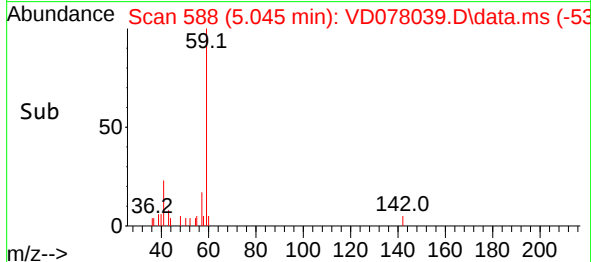
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



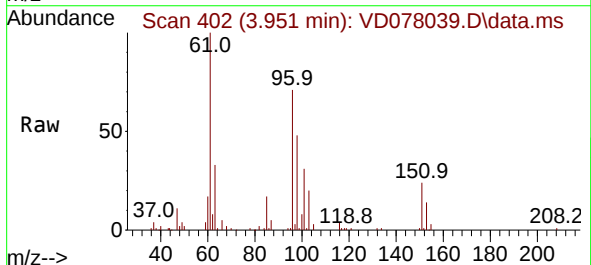
Tgt Ion: 59 Resp: 1617
Ion Ratio Lower Upper
59 100
57 6.4 7.8 11.8

Manual Integrations
APPROVED

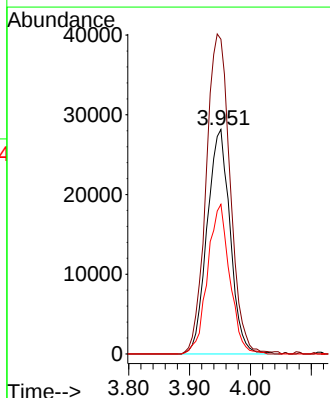
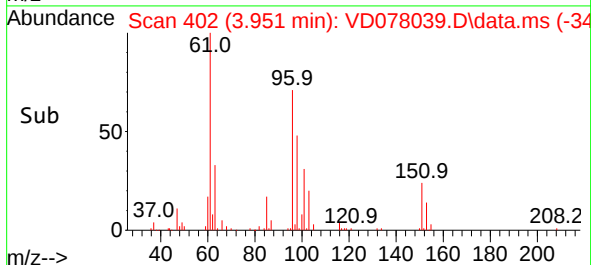
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#12
1,1-Dichloroethene
Concen: 55.597 ug/l
RT: 3.951 min Scan# 402
Delta R.T. 0.011 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



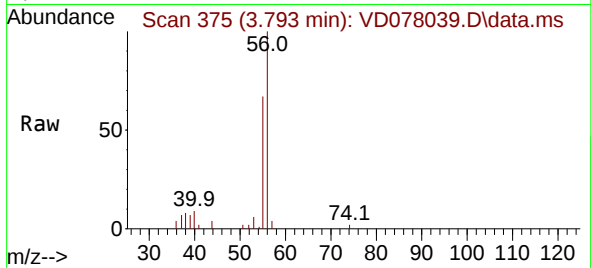
Tgt Ion: 96 Resp: 73764
Ion Ratio Lower Upper
96 100
61 140.2 100.6 150.8
98 66.7 50.2 75.2





#13
Acrolein
Concen: 213.863 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

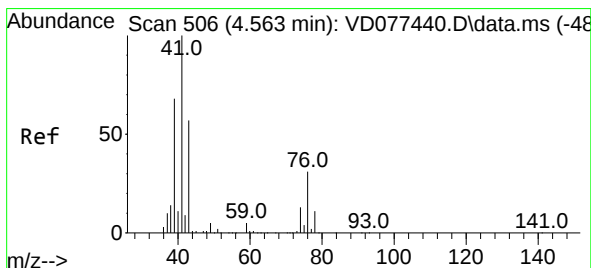
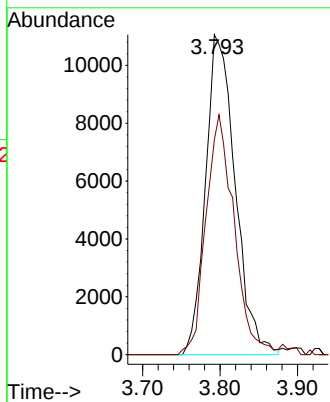
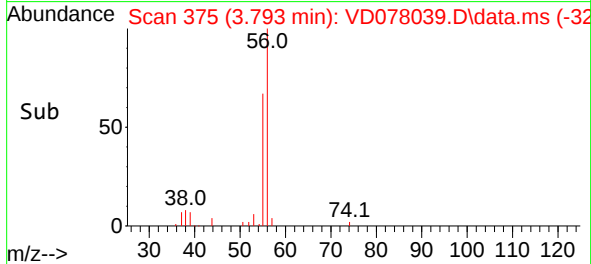
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 56 Resp: 29424
Ion Ratio Lower Upper
56 100
55 71.2 55.1 82.7

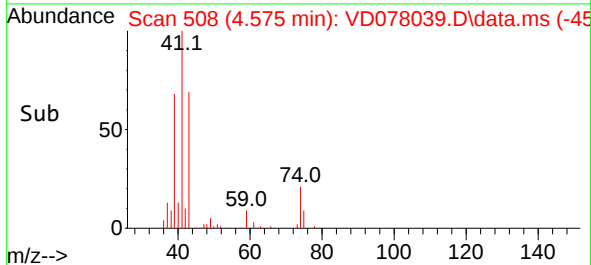
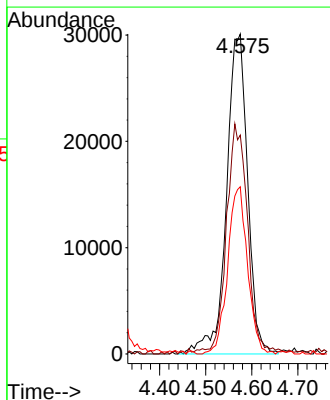
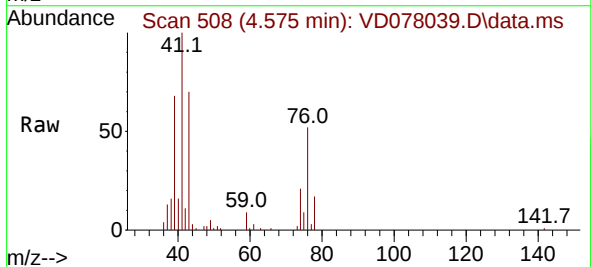
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#14
Allyl chloride
Concen: 52.628 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

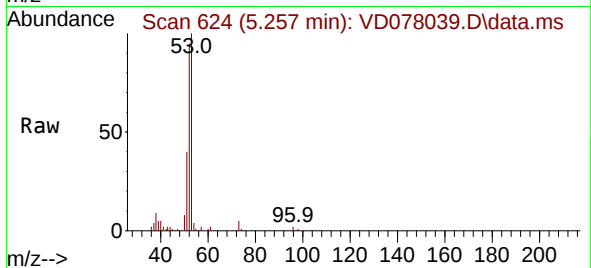
Tgt Ion: 41 Resp: 96033
Ion Ratio Lower Upper
41 100
39 69.8 53.8 80.6
76 49.0 45.8 68.8





#15
Acrylonitrile
Concen: 282.893 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

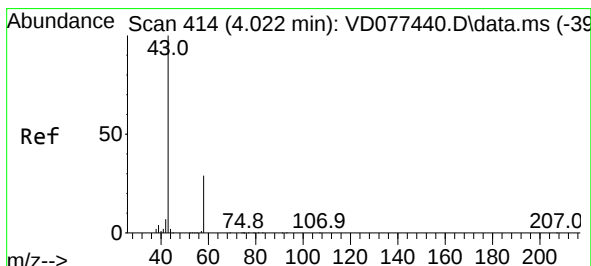
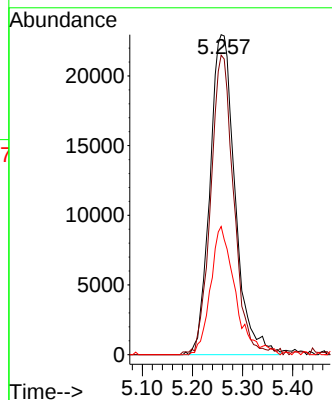
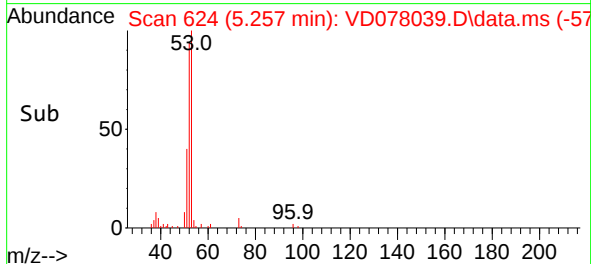
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 53 Resp: 79920
Ion Ratio Lower Upper
53 100
52 85.7 65.0 97.4
51 39.5 28.3 42.5

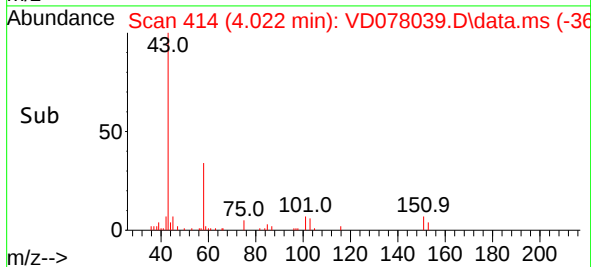
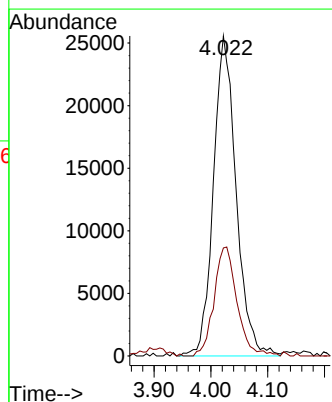
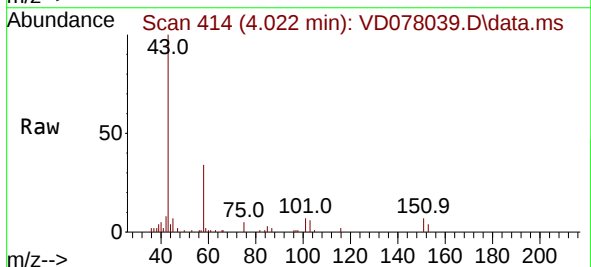
Manual Integrations
APPROVED

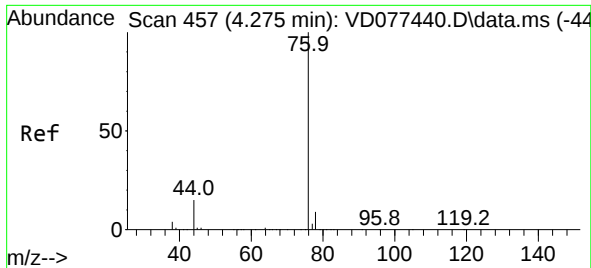
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#16
Acetone
Concen: 252.887 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

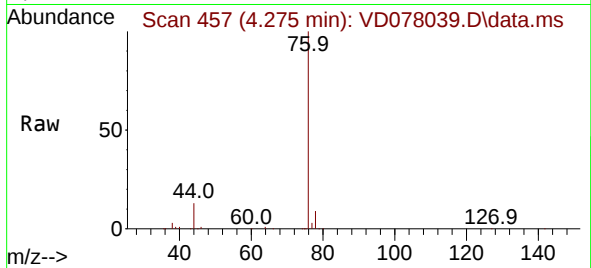
Tgt Ion: 43 Resp: 70982
Ion Ratio Lower Upper
43 100
58 33.7 34.7 52.1#





#17
Carbon Disulfide
Concen: 45.498 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

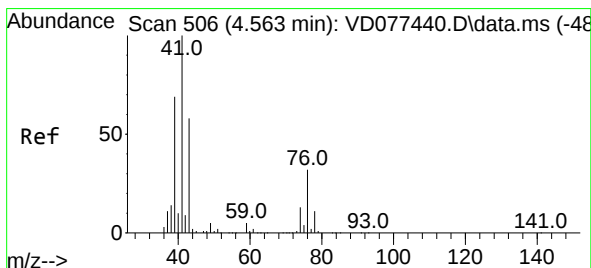
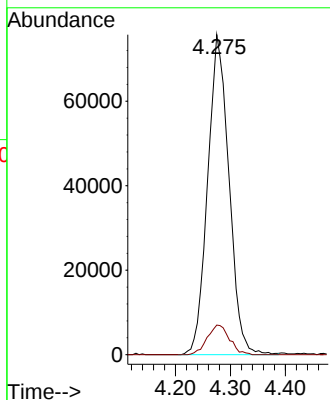
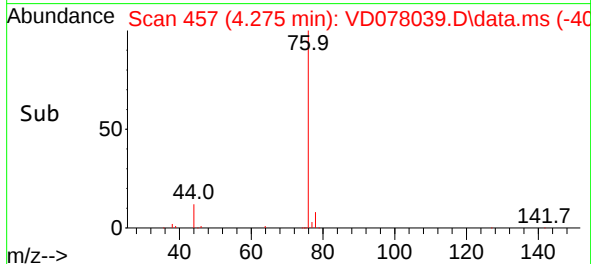
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 76 Resp: 20422
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

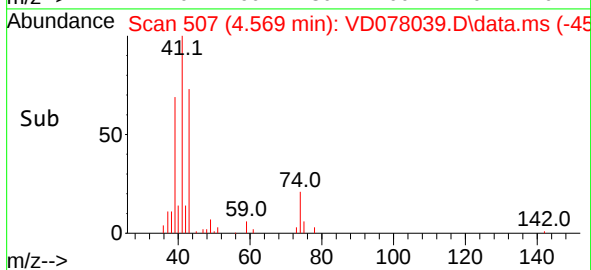
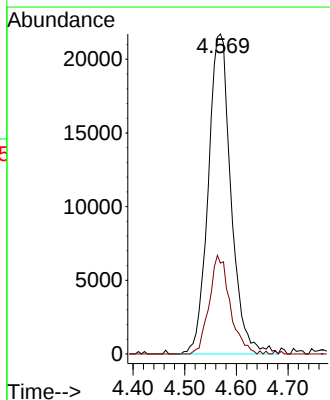
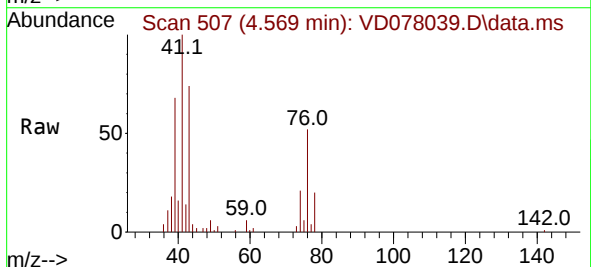
Manual Integrations
APPROVED

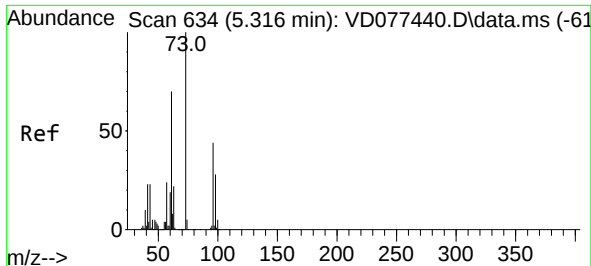
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#18
Methyl Acetate
Concen: 64.913 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

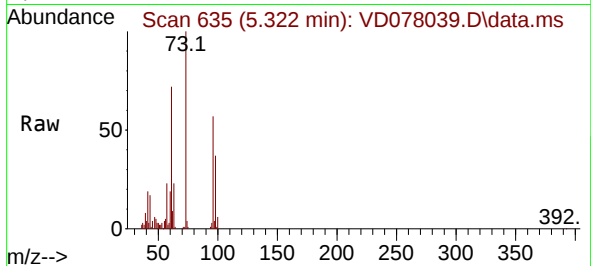
Tgt Ion: 43 Resp: 66492
Ion Ratio Lower Upper
43 100
74 28.1 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 61.198 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

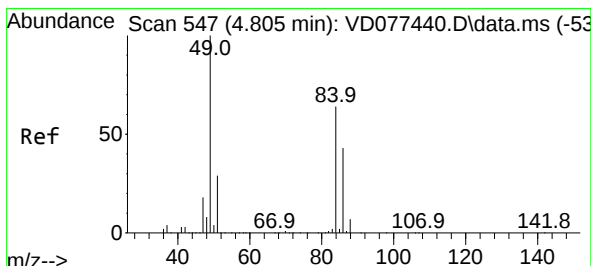
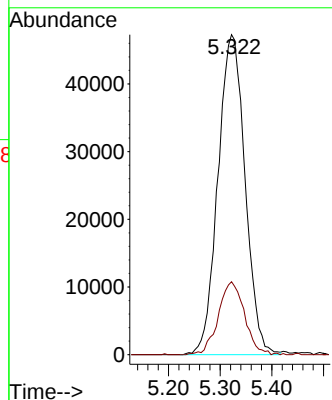
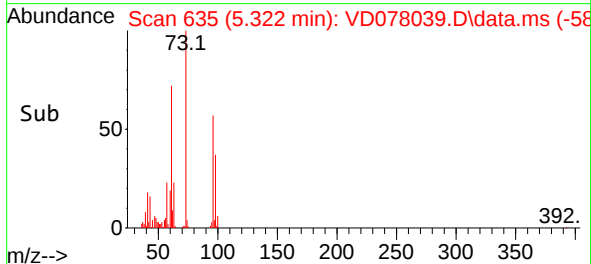
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 73 Resp: 172270
Ion Ratio Lower Upper
73 100
57 22.8 16.6 25.0

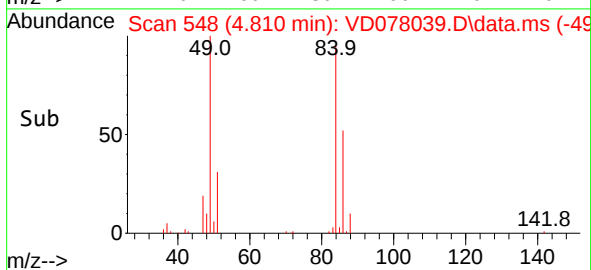
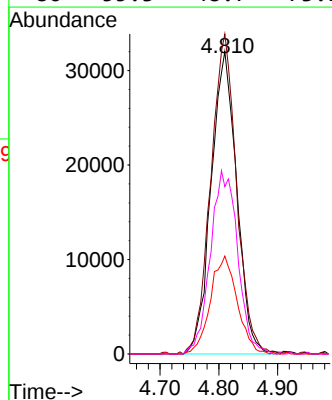
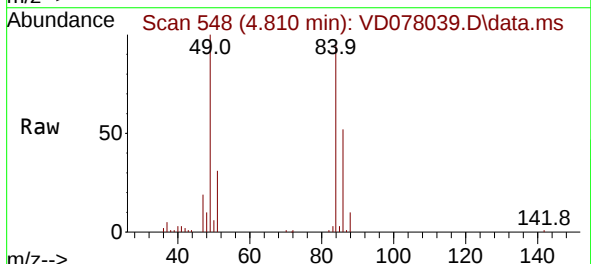
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#20
Methylene Chloride
Concen: 64.222 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

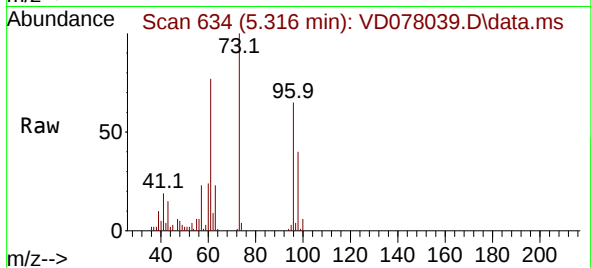
Tgt Ion: 84 Resp: 96799
Ion Ratio Lower Upper
84 100
49 105.2 71.4 107.2
51 32.4 24.5 36.7
86 55.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 59.497 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

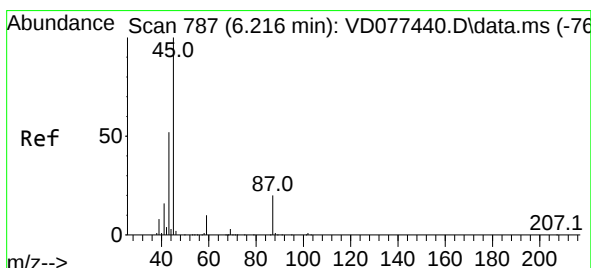
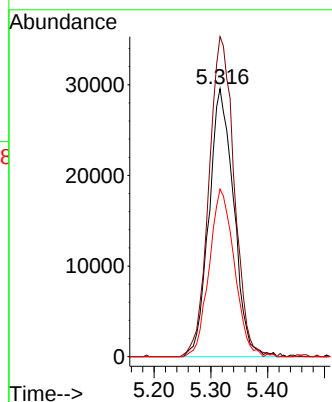
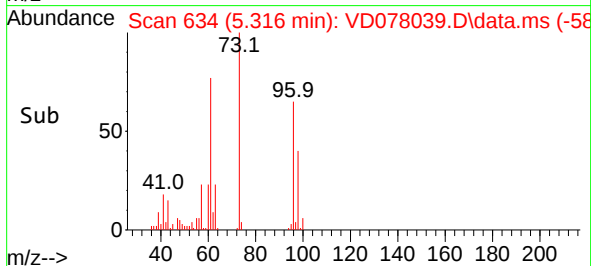
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 96 Resp: 8941
Ion Ratio Lower Upper
96 100
61 119.4 89.3 133.9
98 62.5 48.6 73.0

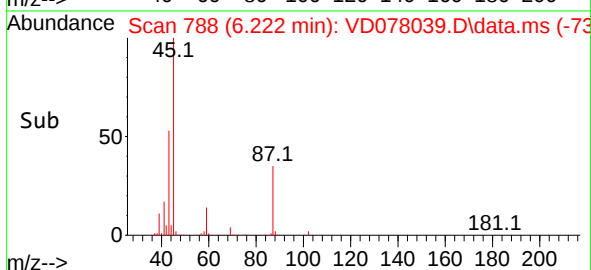
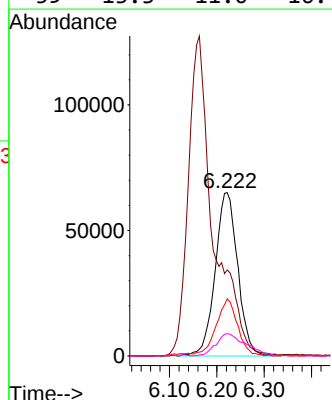
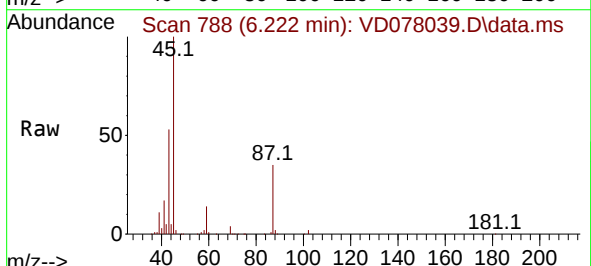
Manual Integrations
APPROVED

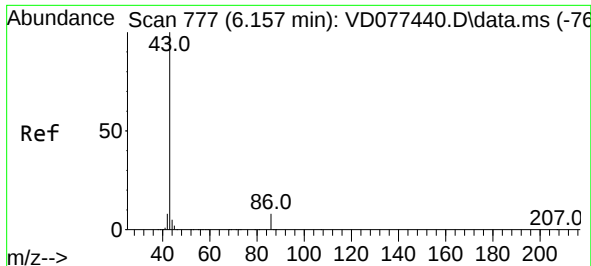
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#22
Diisopropyl ether
Concen: 56.628 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

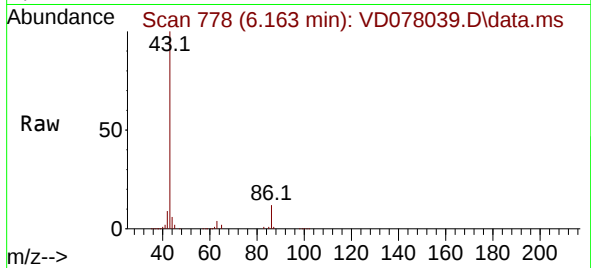
Tgt Ion: 45 Resp: 215938
Ion Ratio Lower Upper
45 100
43 51.8 40.0 60.0
87 35.0 28.2 42.4
59 13.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 251.943 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078039.D
 Acq: 21 Dec 2023 22:02

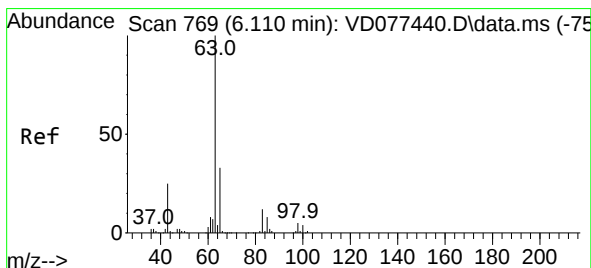
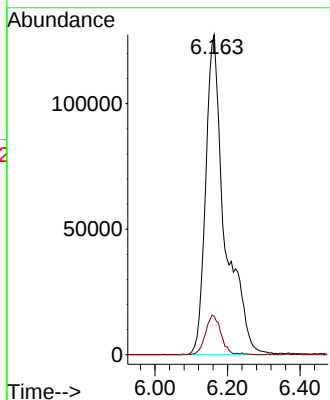
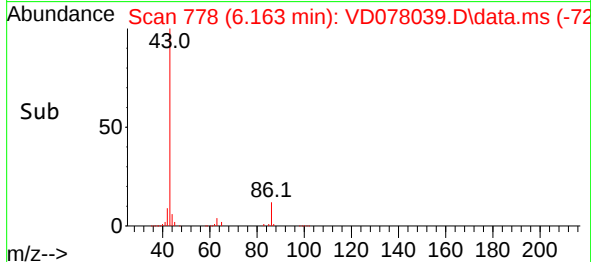
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05007



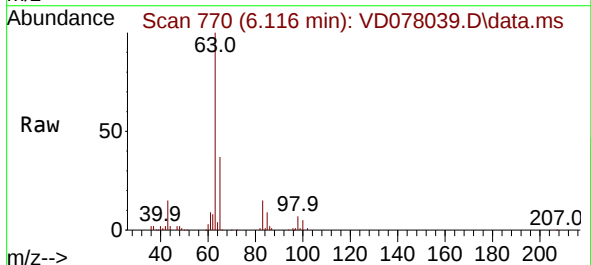
Tgt Ion: 43 Resp: 469159
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.5 18.7

Manual Integrations
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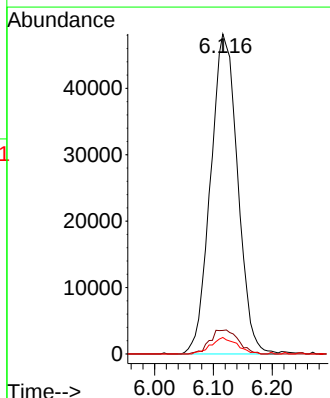
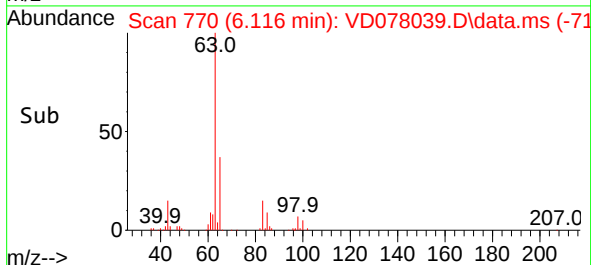
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

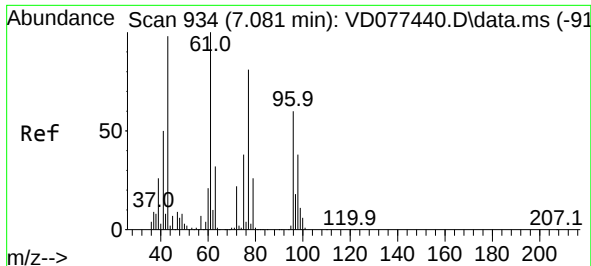


#24
 1,1-Dichloroethane
 Concen: 59.707 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078039.D
 Acq: 21 Dec 2023 22:02



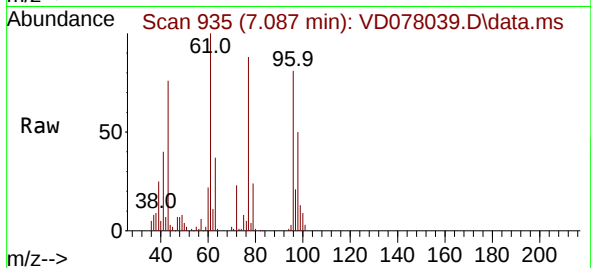
Tgt Ion: 63 Resp: 154184
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.1 2.5 7.5





#25
2-Butanone
Concen: 264.900 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

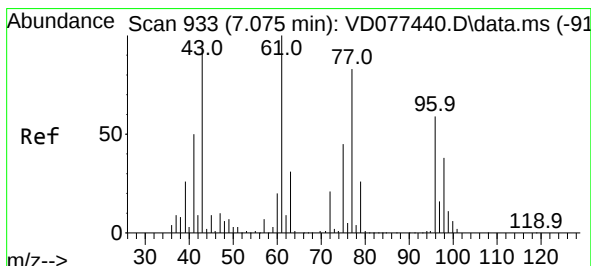
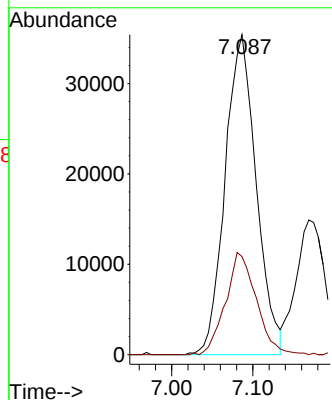
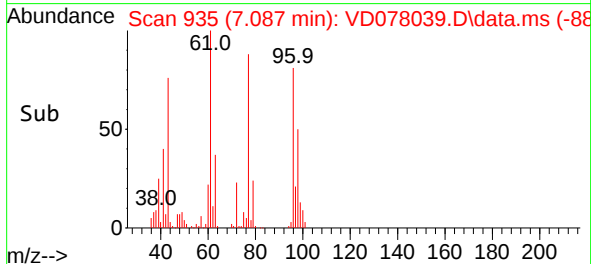
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 43 Resp: 9438
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1

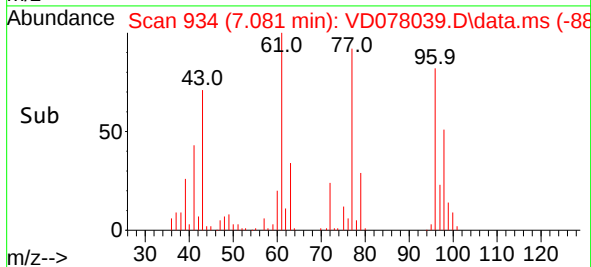
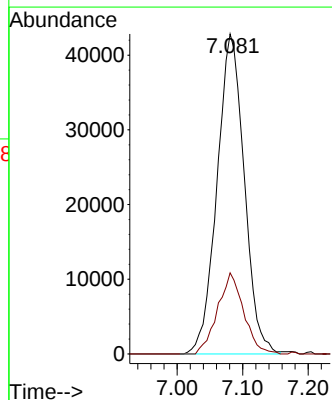
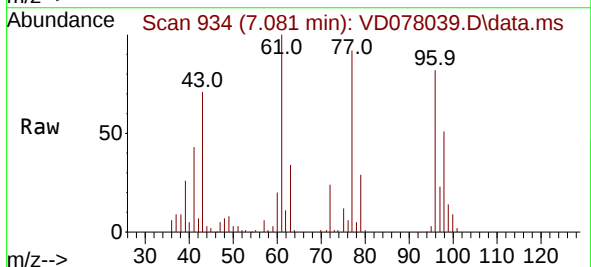
Manual Integrations
APPROVED

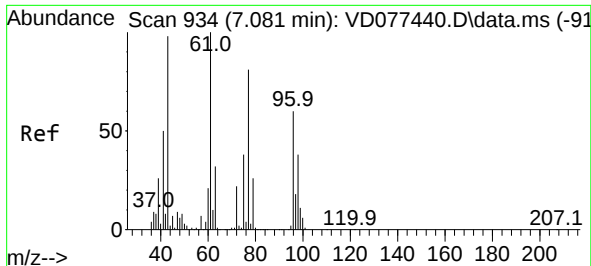
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#26
2,2-Dichloropropane
Concen: 56.911 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

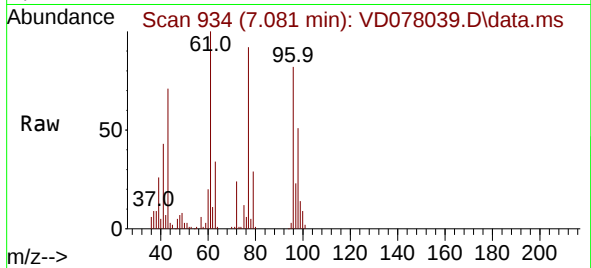
Tgt Ion: 77 Resp: 123390
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 63.784 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

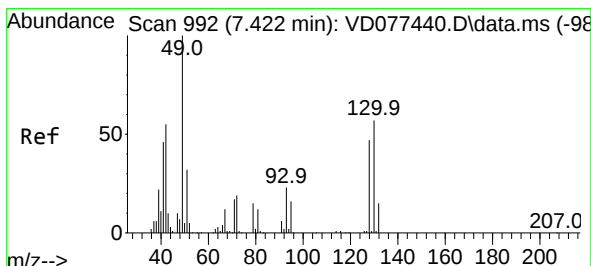
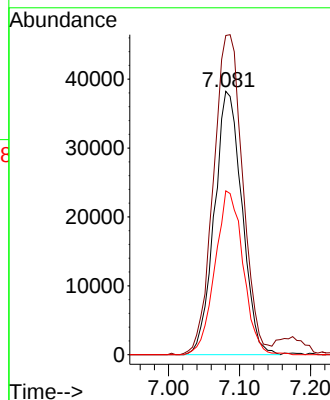
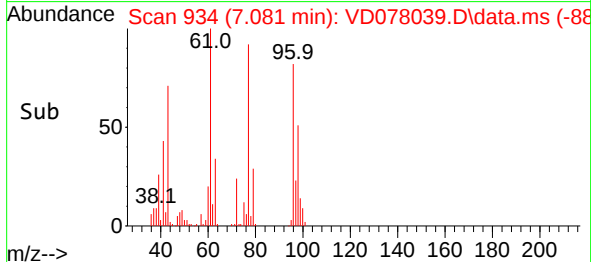
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 96 Resp: 10314
Ion Ratio Lower Upper
96 100
61 129.2 0.0 239.2
98 63.3 0.0 128.6

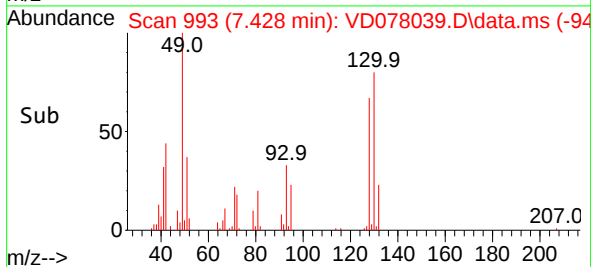
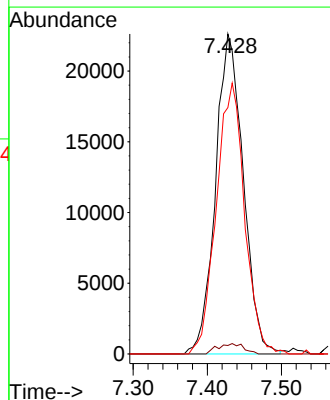
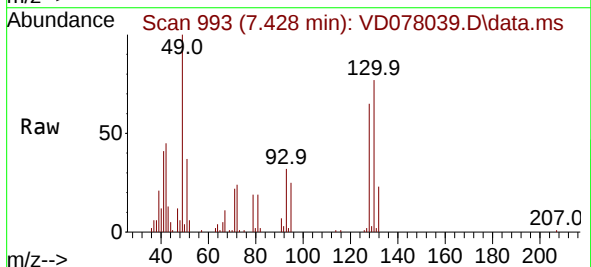
Manual Integrations
APPROVED

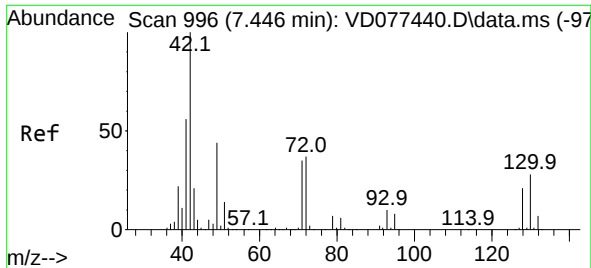
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#28
Bromochloromethane
Concen: 56.310 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Tgt Ion: 49 Resp: 58758
Ion Ratio Lower Upper
49 100
129 3.0 0.0 6.0
130 86.4 83.2 124.8





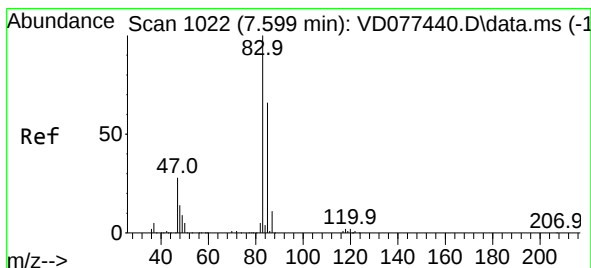
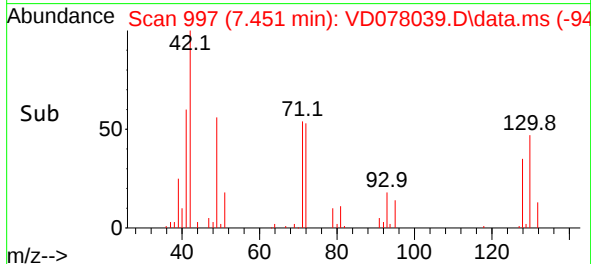
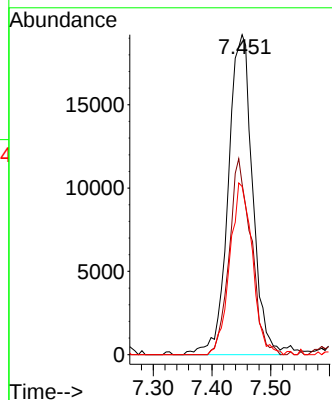
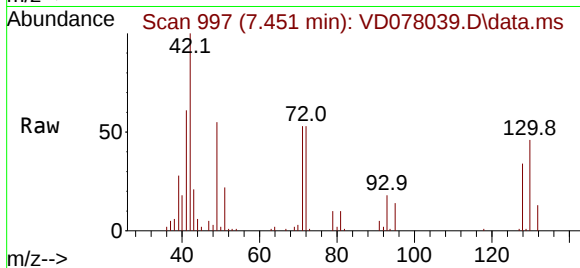
#29
Tetrahydrofuran
Concen: 266.173 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.005 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD05007

Tgt Ion: 42 Resp: 55128
Ion Ratio Lower Upper
42 100
72 55.3 46.5 69.7
71 50.1 44.5 66.7

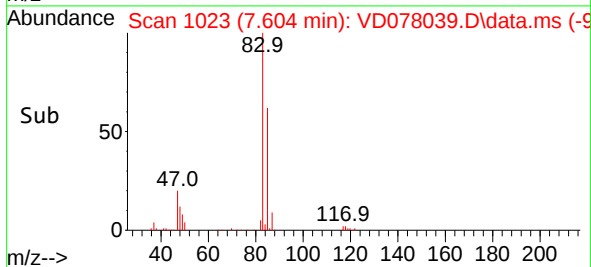
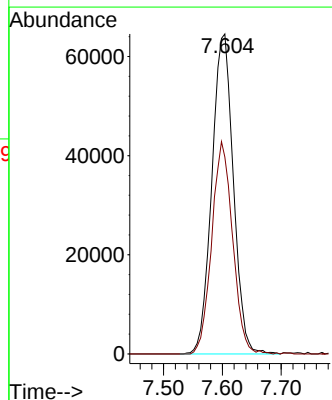
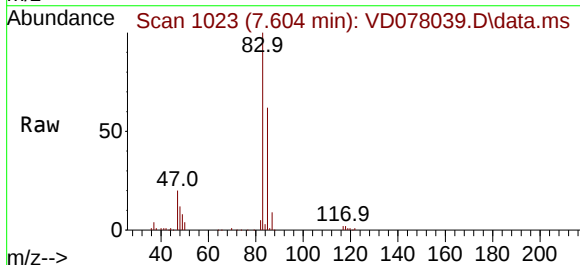
Manual Integrations
APPROVED

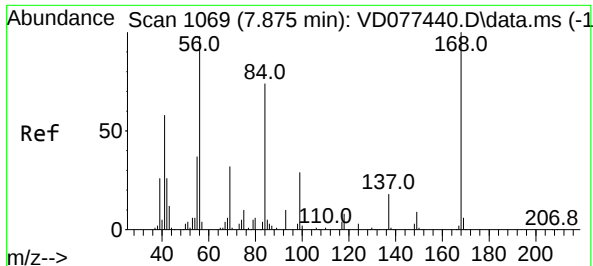
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#30
Chloroform
Concen: 63.430 ug/l
RT: 7.604 min Scan# 1023
Delta R.T. 0.005 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

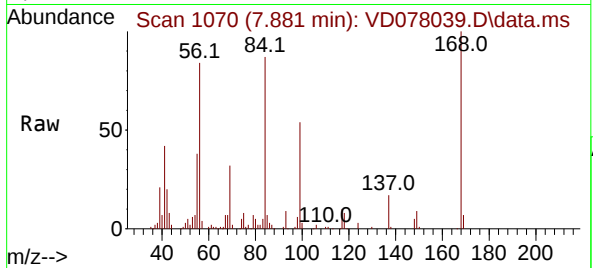
Tgt Ion: 83 Resp: 163932
Ion Ratio Lower Upper
83 100
85 61.6 53.4 80.2





#31
Cyclohexane
Concen: 46.072 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

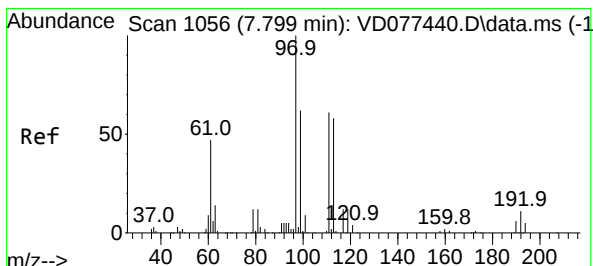
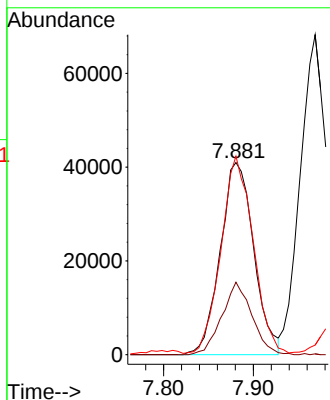
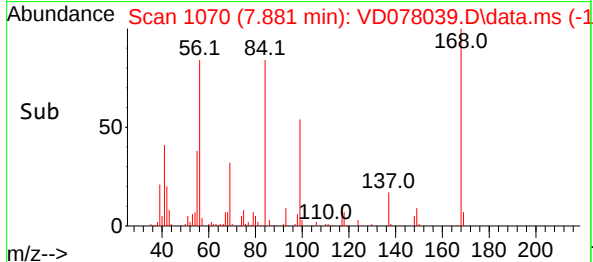
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



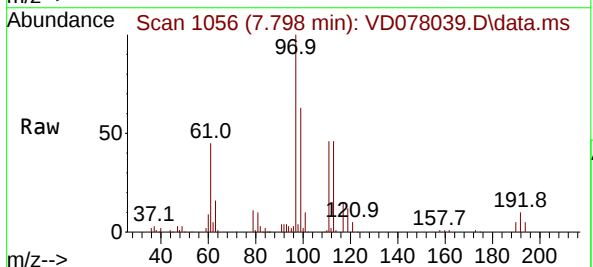
Tgt Ion: 56 Resp: 106584
Ion Ratio Lower Upper
56 100
69 37.7 28.6 43.0
84 101.6 84.8 127.2

Manual Integrations
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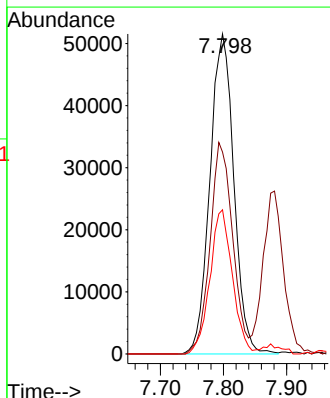
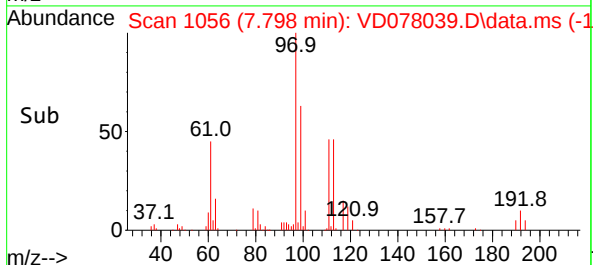
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

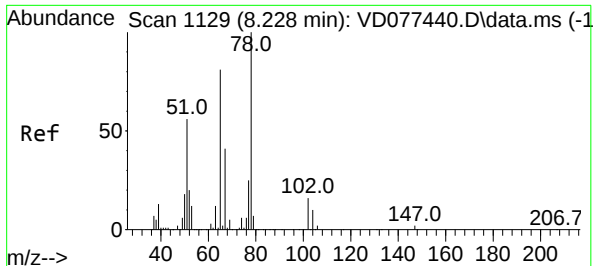


#32
1,1,1-Trichloroethane
Concen: 59.504 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



Tgt Ion: 97 Resp: 135571
Ion Ratio Lower Upper
97 100
99 62.4 52.0 78.0
61 42.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.720 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD05007

Tgt Ion: 65 Resp: 69870

Ion Ratio Lower Upper

65 100

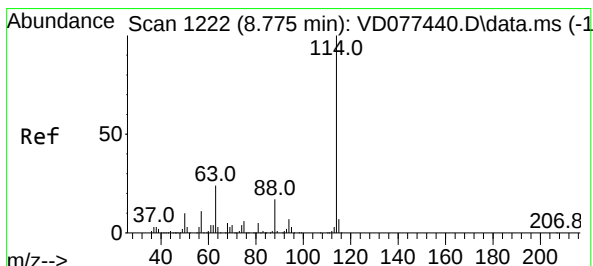
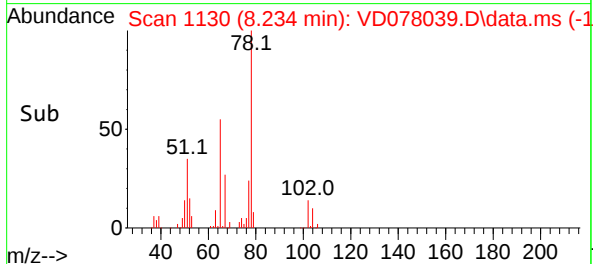
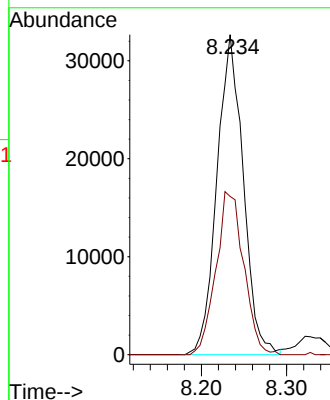
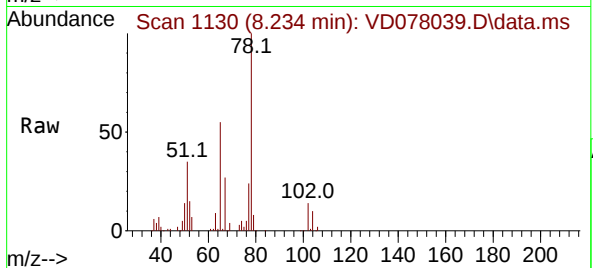
67 53.8 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

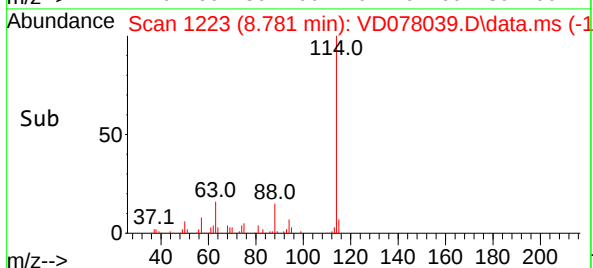
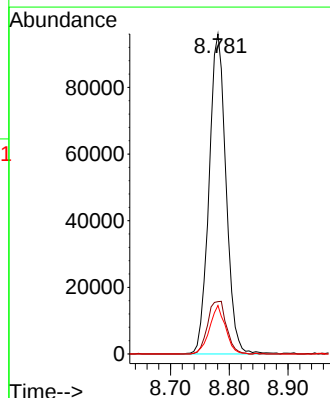
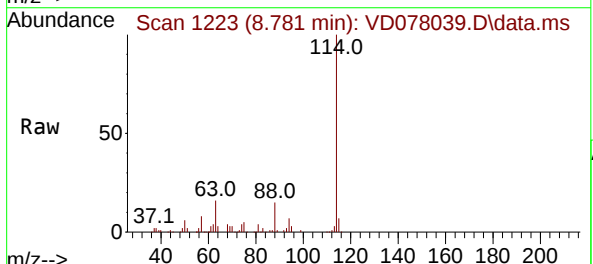
Tgt Ion:114 Resp: 192634

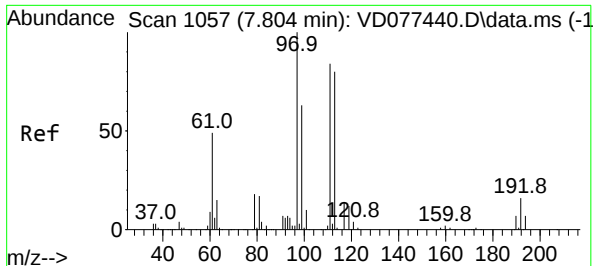
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 15.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 56.303 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Instrument :

MSVOA_D

ClientSampleId :

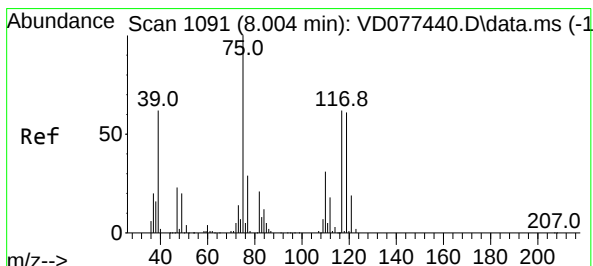
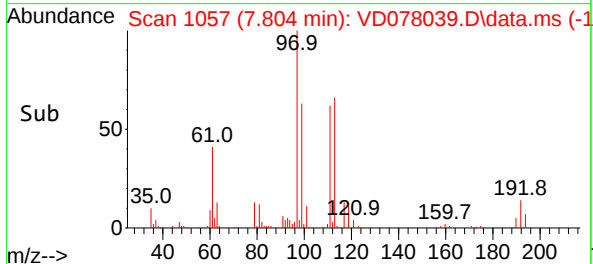
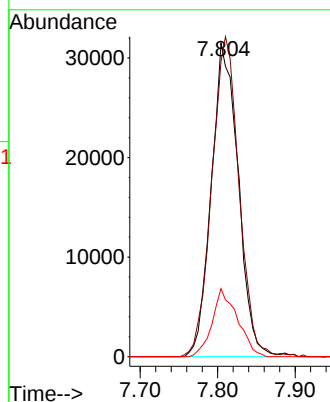
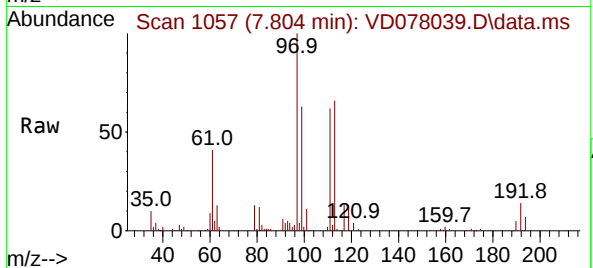
VSTD05007

Tgt Ion:	113	Resp:	7597
Ion Ratio	Lower	Upper	
113	100		
111	103.2	84.7	127.1
192	20.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#36

1,1-Dichloropropene

Concen: 54.032 ug/l

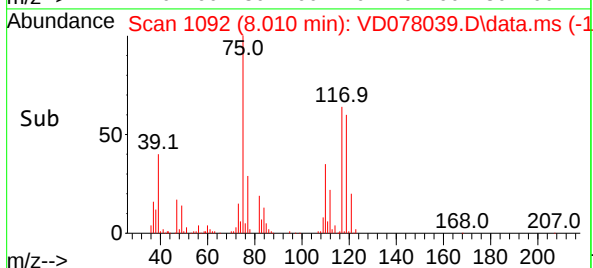
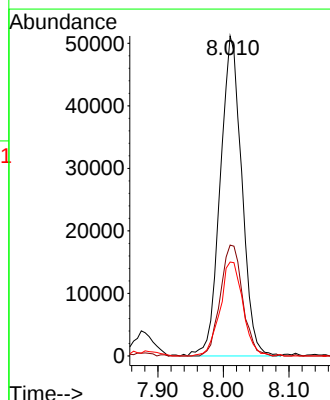
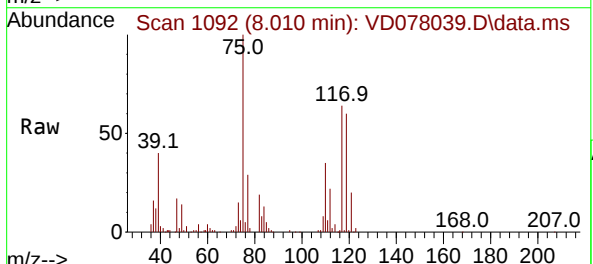
RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

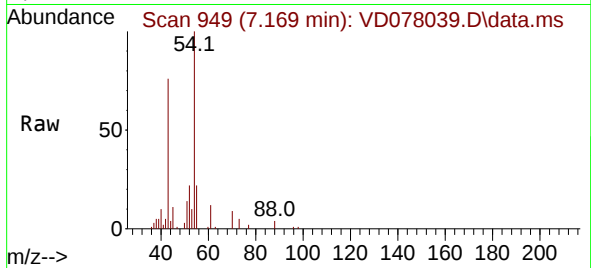
Tgt Ion:	75	Resp:	116619
Ion Ratio	Lower	Upper	
75	100		
110	35.9	19.9	59.6
77	31.1	24.7	37.1





#37
Ethyl Acetate
Concen: 45.792 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

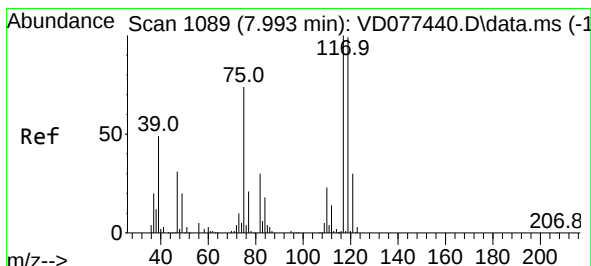
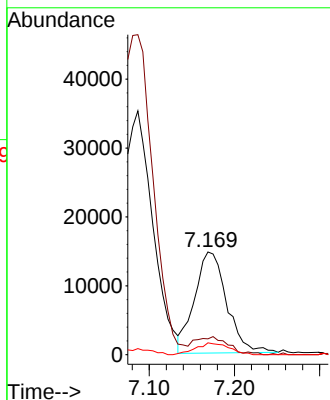
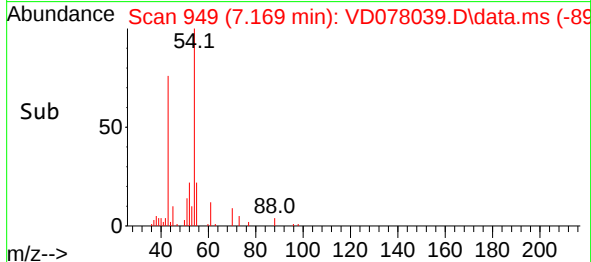
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 43 Resp: 38538
Ion Ratio Lower Upper
43 100
61 15.4 14.9 22.3
70 12.0 10.0 15.0

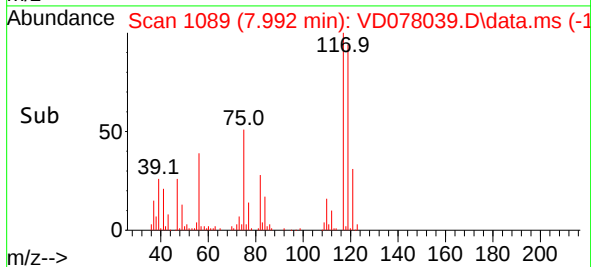
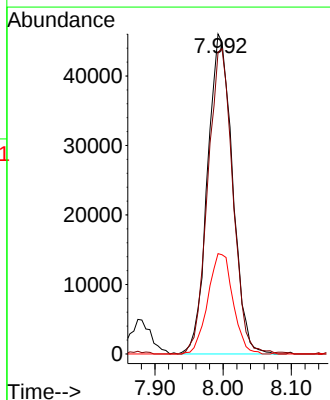
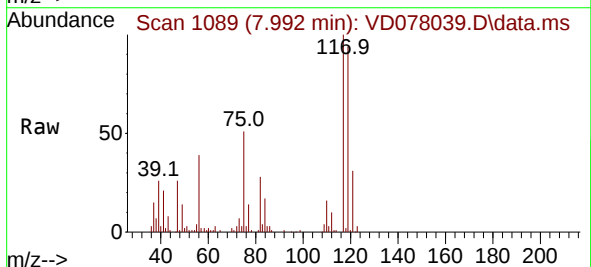
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#38
Carbon Tetrachloride
Concen: 54.504 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Tgt Ion:117 Resp: 117278
Ion Ratio Lower Upper
117 100
119 94.2 78.0 117.0
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 50.757 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Instrument :

MSVOA_D

ClientSampleId :

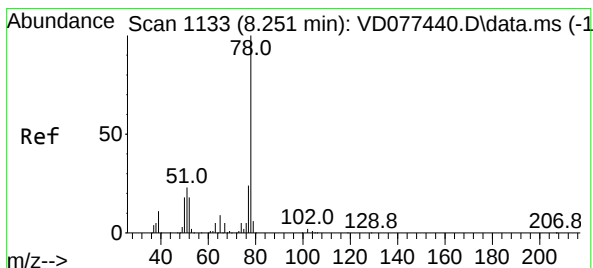
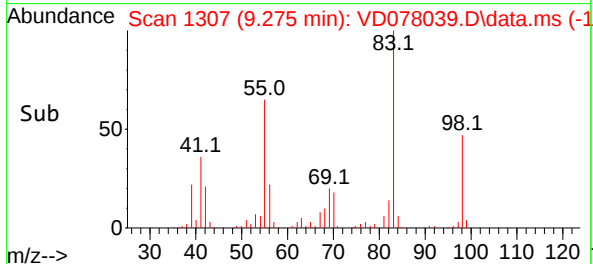
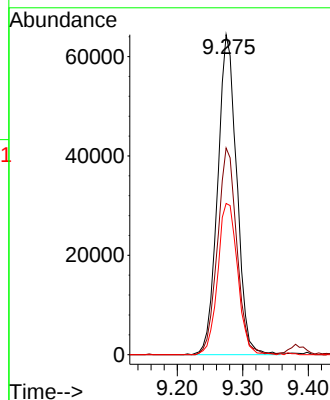
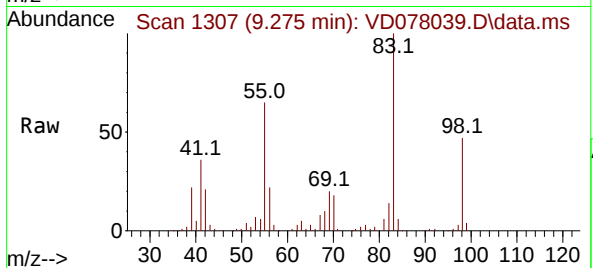
VSTD05007

Tgt Ion: 83 Resp: 12987
 Ion Ratio Lower Upper
 83 100
 55 64.6 49.4 74.0
 98 47.3 38.4 57.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#40

Benzene

Concen: 58.255 ug/l

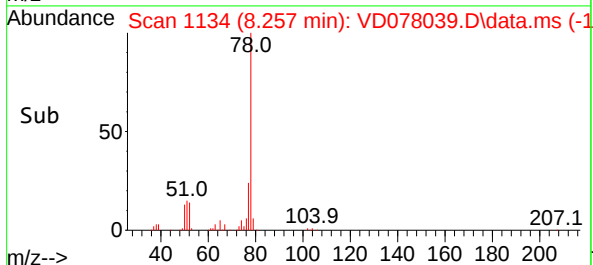
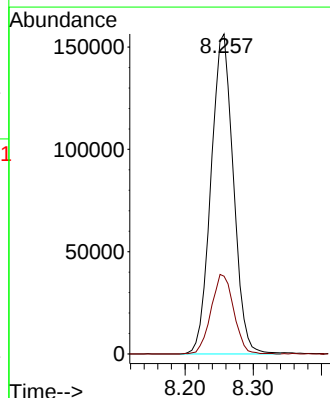
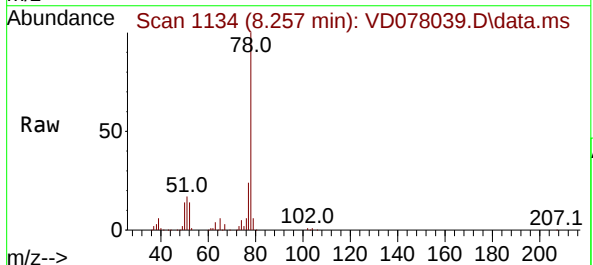
RT: 8.257 min Scan# 1134

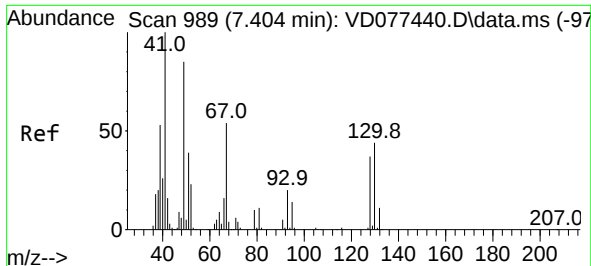
Delta R.T. 0.006 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

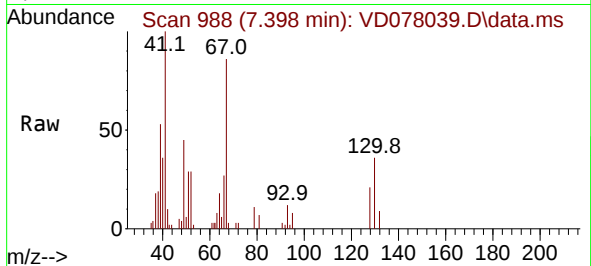
Tgt Ion: 78 Resp: 356857
 Ion Ratio Lower Upper
 78 100
 77 24.3 19.4 29.0





#41
Methacrylonitrile
Concen: 50.811 ug/l
RT: 7.398 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

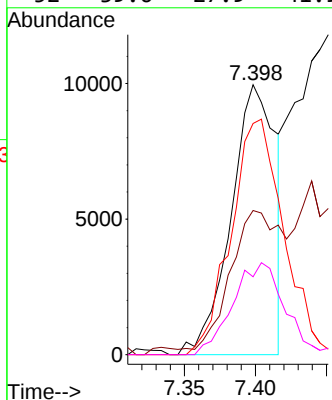
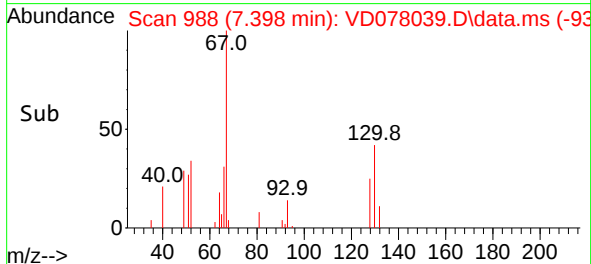
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 41 Resp: 21734
Ion Ratio Lower Upper
41 100
39 61.5 34.0 51.0
67 103.4 77.0 115.4
52 39.6 27.9 41.9

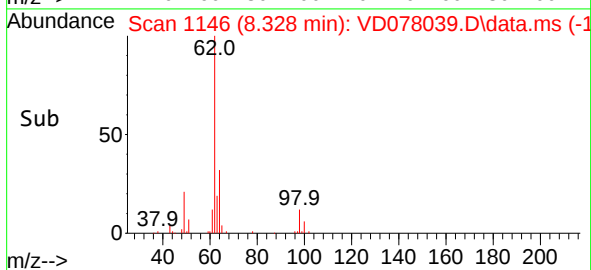
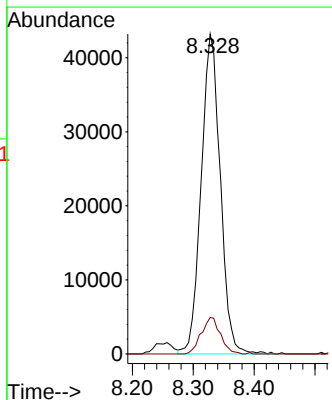
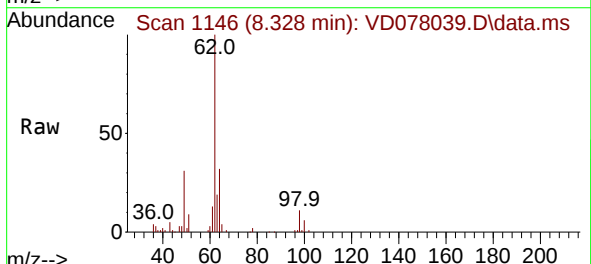
Manual Integrations
APPROVED

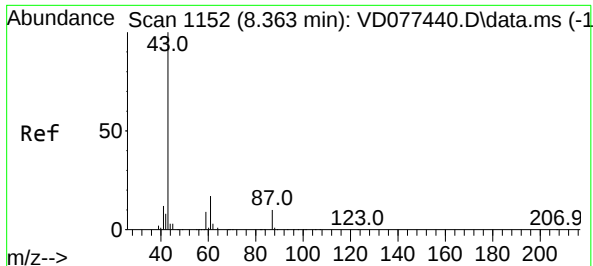
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#42
1,2-Dichloroethane
Concen: 59.326 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

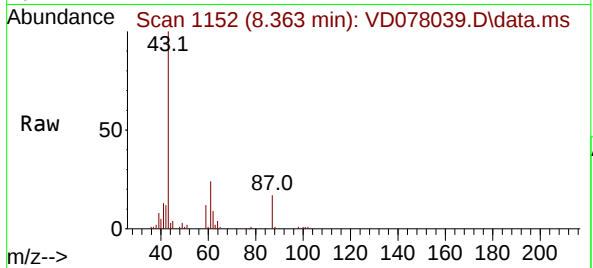
Tgt Ion: 62 Resp: 94203
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 53.231 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

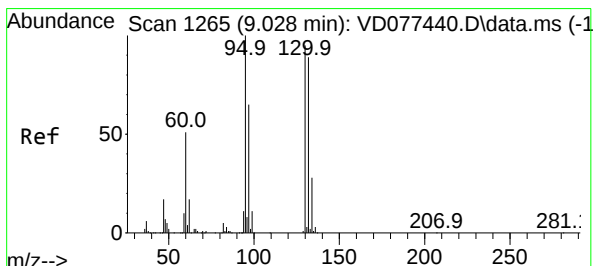
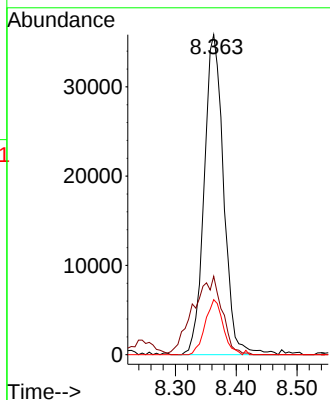
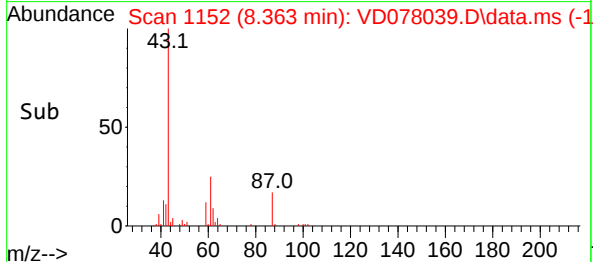
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



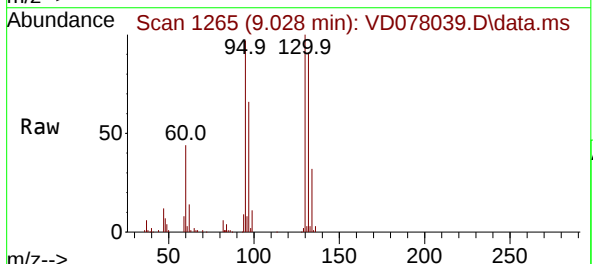
Tgt Ion: 43 Resp: 79634
Ion Ratio Lower Upper
43 100
61 36.4 31.4 47.0
87 15.9 14.9 22.3

Manual Integrations
APPROVED

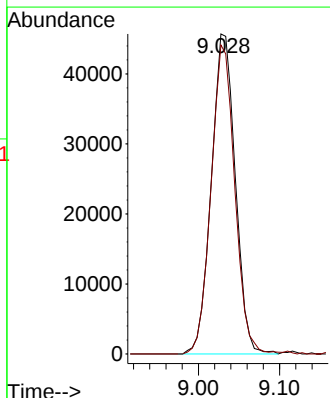
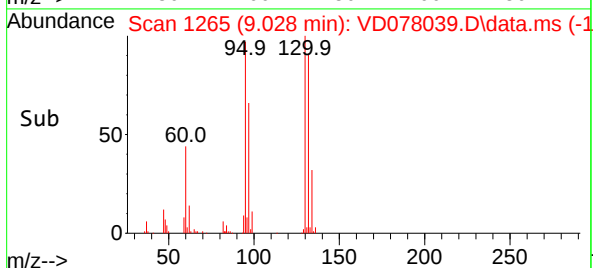
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

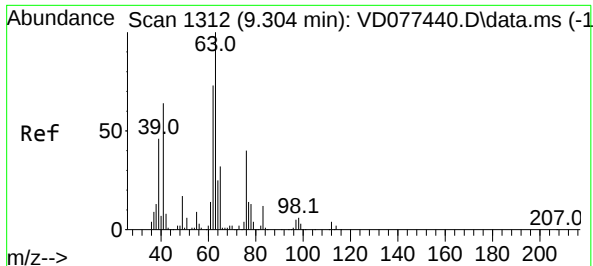


#44
Trichloroethene
Concen: 58.715 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



Tgt Ion:130 Resp: 93731
Ion Ratio Lower Upper
130 100
95 96.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 60.240 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD05007

Tgt Ion: 63 Resp: 8970

Ion Ratio Lower Upper

63 100

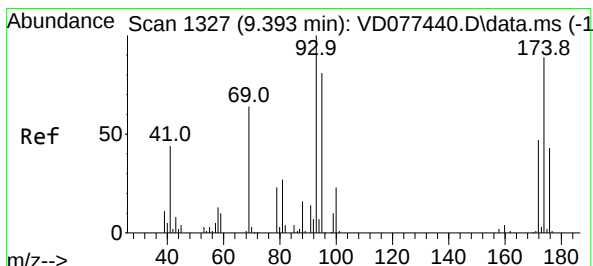
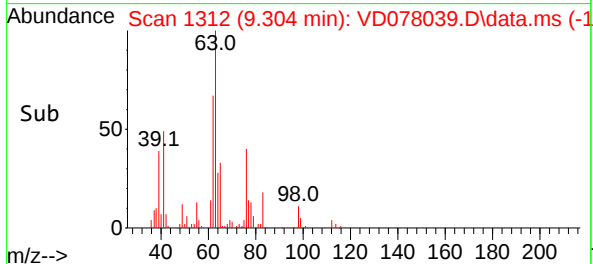
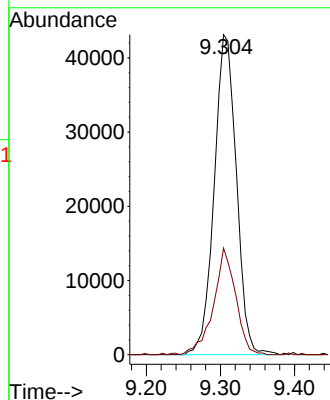
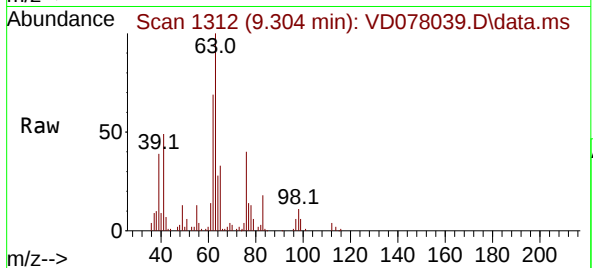
65 33.3 24.5 36.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#46

Dibromomethane

Concen: 62.832 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

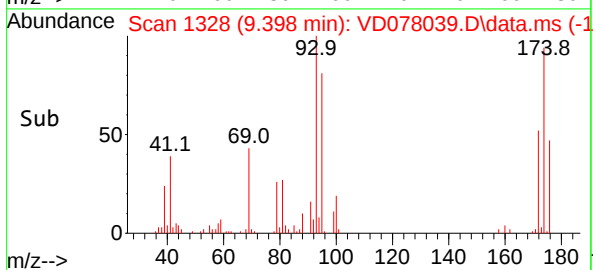
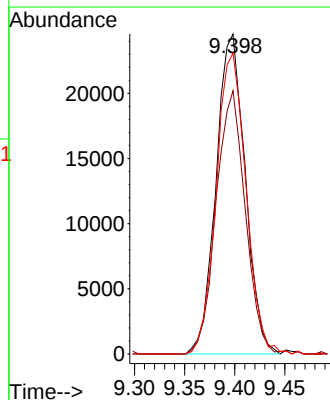
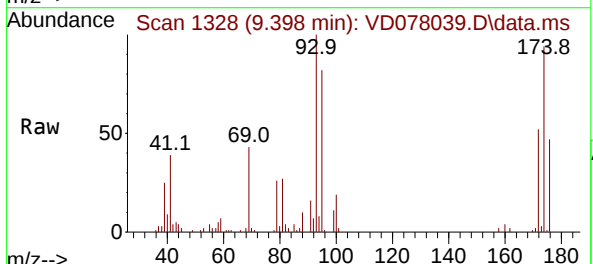
Tgt Ion: 93 Resp: 49508

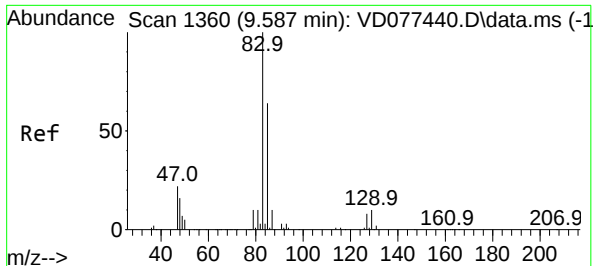
Ion Ratio Lower Upper

93 100

95 82.7 67.7 101.5

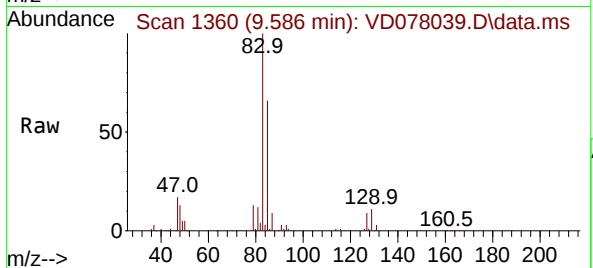
174 95.9 85.4 128.2





#47
Bromodichloromethane
Concen: 62.268 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

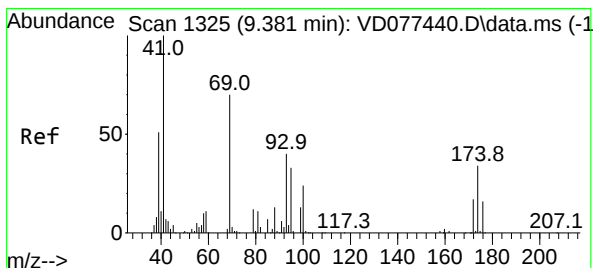
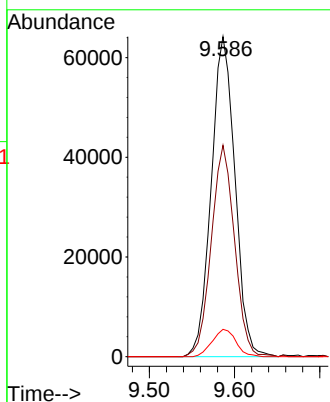
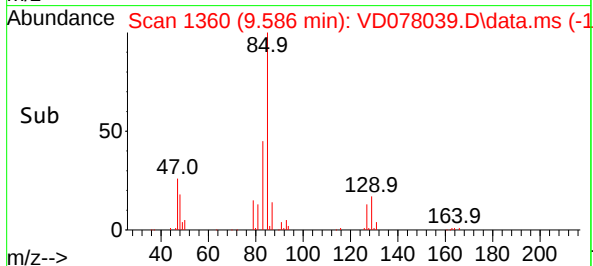
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



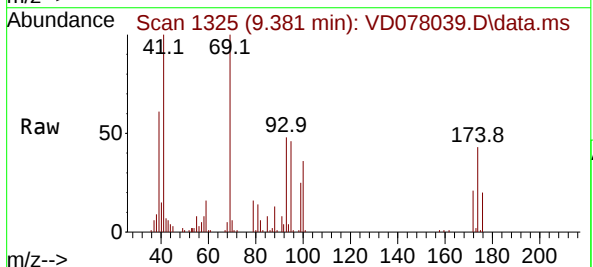
Tgt Ion: 83 Resp: 124356
Ion Ratio Lower Upper
83 100
85 66.0 50.2 75.4
127 8.6 6.3 9.5

Manual Integrations
APPROVED

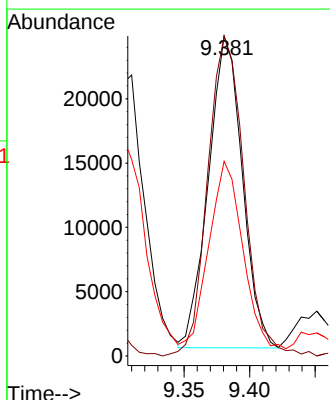
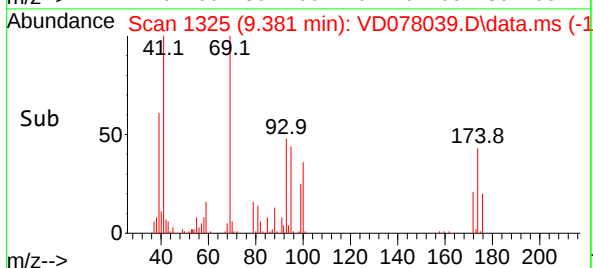
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

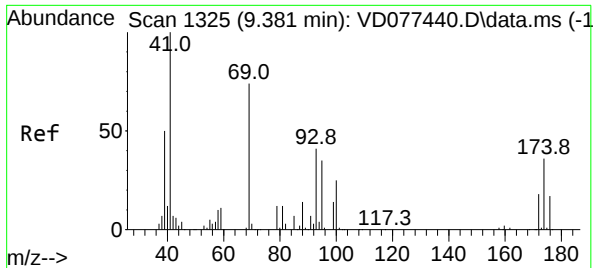


#48
Methyl methacrylate
Concen: 51.218 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



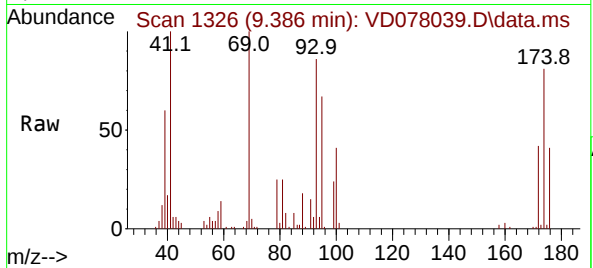
Tgt Ion: 41 Resp: 43556
Ion Ratio Lower Upper
41 100
69 110.1 102.2 153.2
39 65.9 41.4 62.2#





#49
1,4-Dioxane
Concen: 1087.682 ug/l
RT: 9.386 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

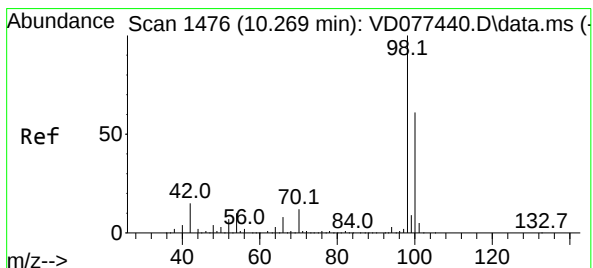
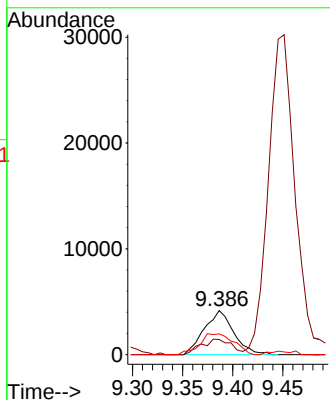
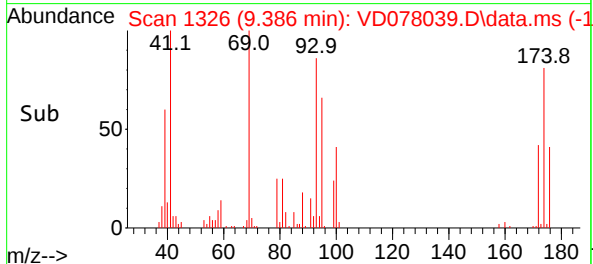
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 88 Resp: 8510
Ion Ratio Lower Upper
88 100
43 36.4 19.0 28.6
58 54.5 43.5 65.3

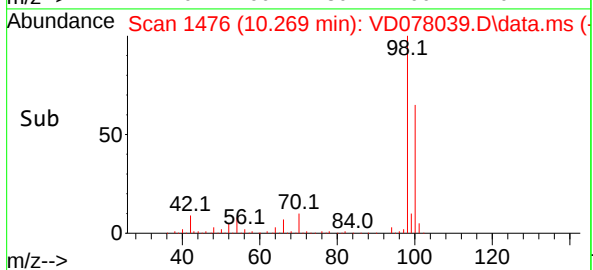
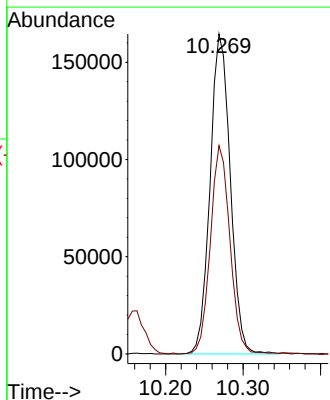
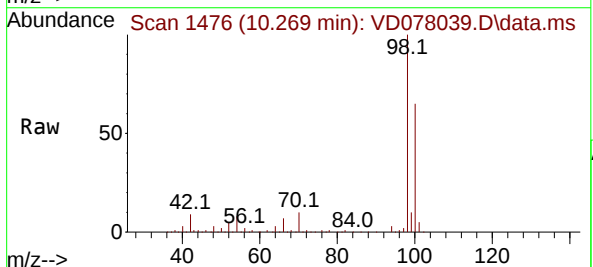
Manual Integrations
APPROVED

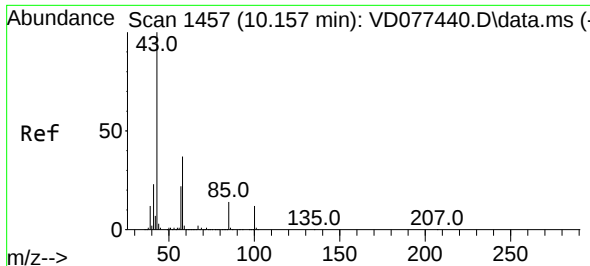
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#50
Toluene-d8
Concen: 55.124 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

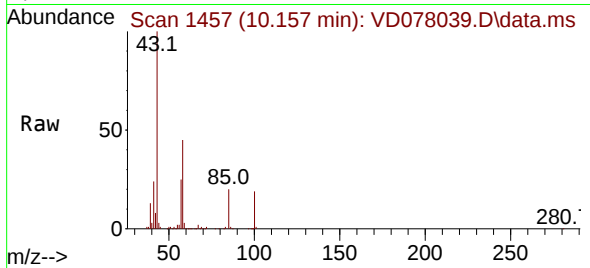
Tgt Ion: 98 Resp: 297907
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 271.602 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

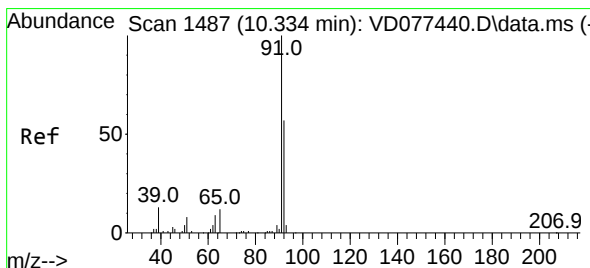
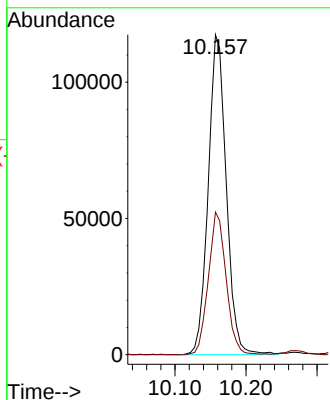
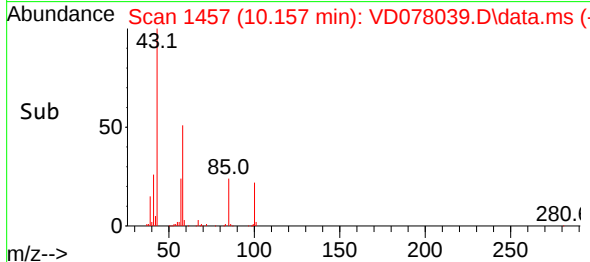
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



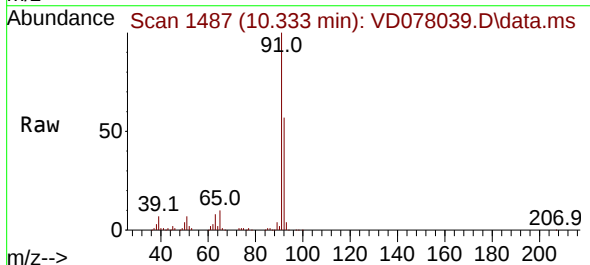
Tgt Ion: 43 Resp: 20737
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3

Manual Integrations
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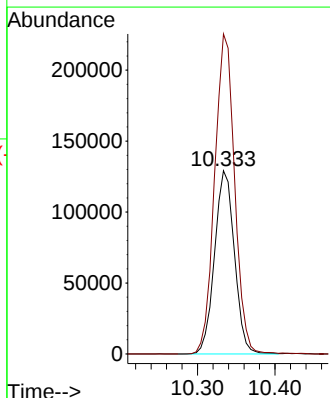
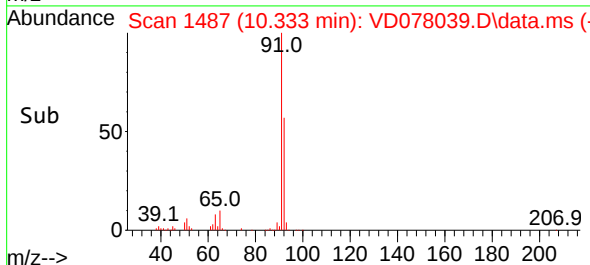
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

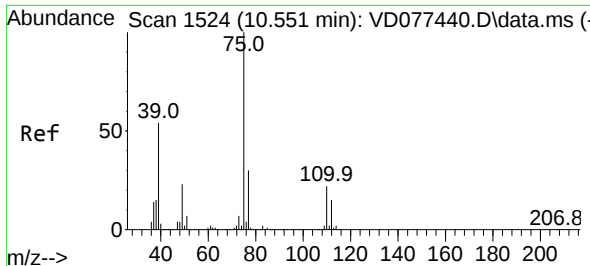


#52
Toluene
Concen: 60.604 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



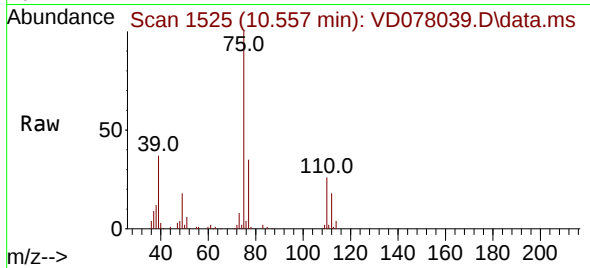
Tgt Ion: 92 Resp: 230288
Ion Ratio Lower Upper
92 100
91 176.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 60.423 ug/l
RT: 10.557 min Scan# 11588
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

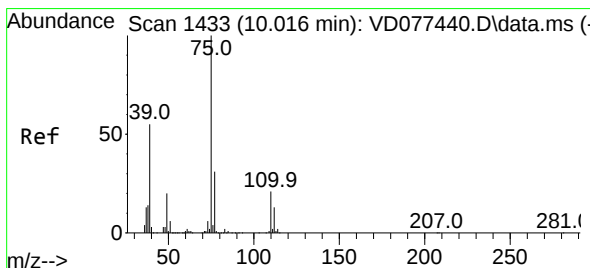
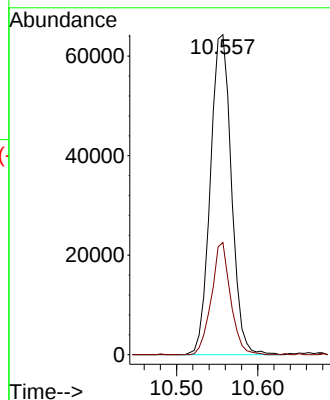
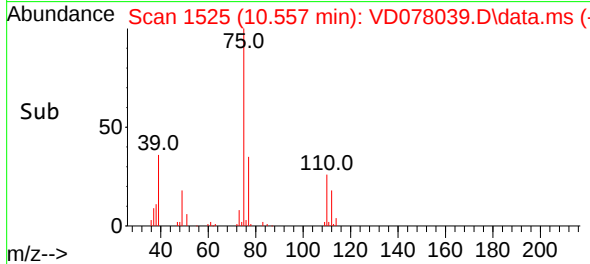
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



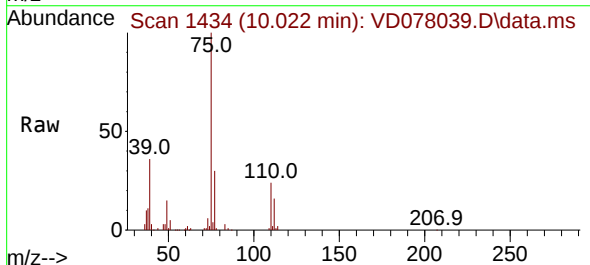
Tgt Ion: 75 Resp: 11588
Ion Ratio Lower Upper
75 100
77 35.1 25.3 37.9

Manual Integrations
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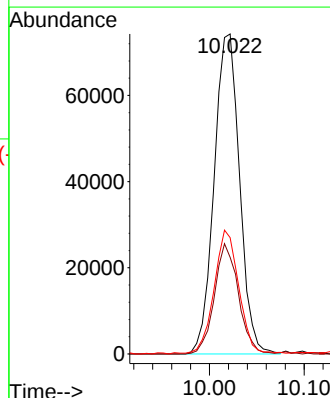
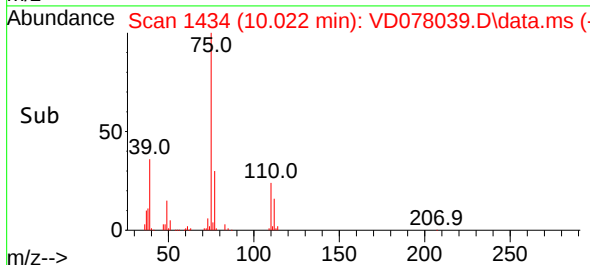
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

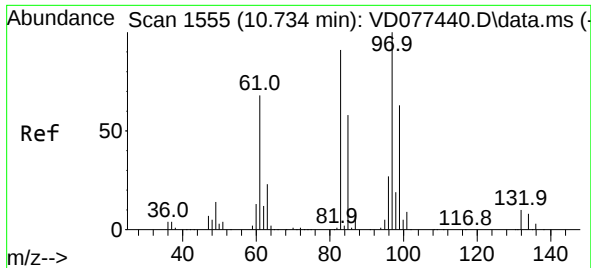


#54
cis-1,3-Dichloropropene
Concen: 59.717 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



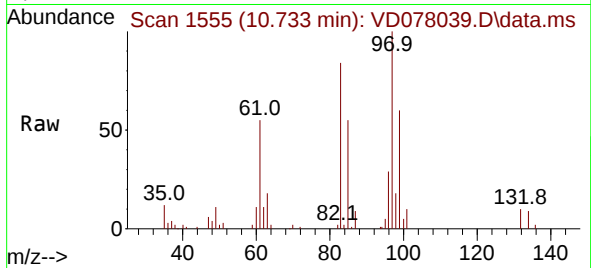
Tgt Ion: 75 Resp: 138469
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 36.1 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 61.699 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

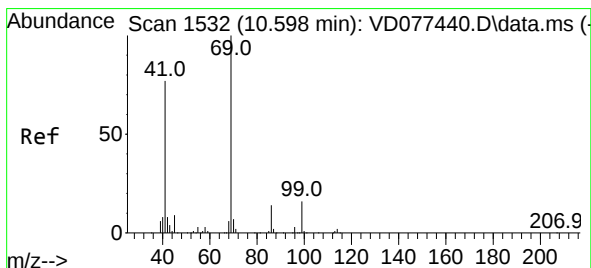
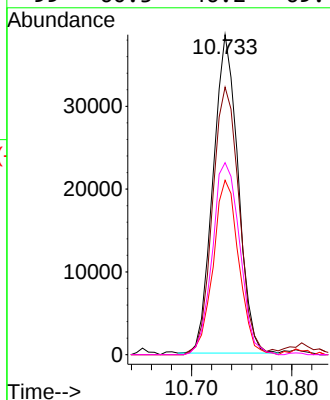
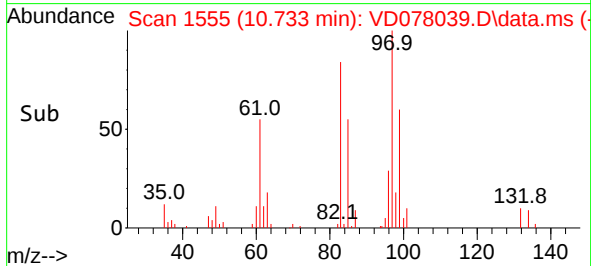
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.8	98.6
85	54.8	45.7	68.5
99	60.3	46.2	69.4

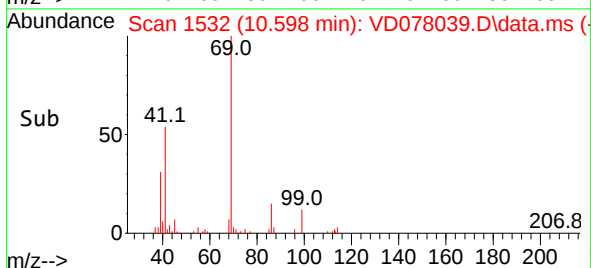
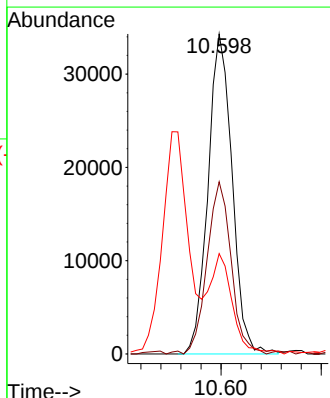
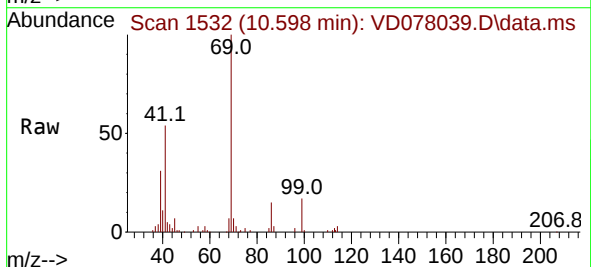
Manual Integrations
APPROVED

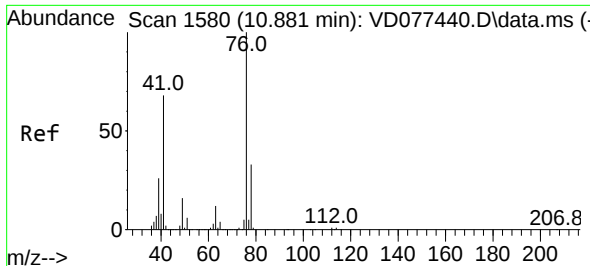
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#56
Ethyl methacrylate
Concen: 60.252 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

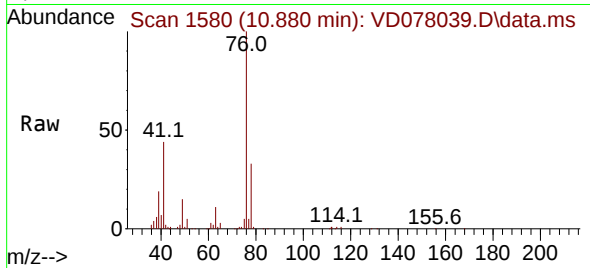
Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.9	39.1	58.7
39	29.9	20.0	30.0





#57
1,3-Dichloropropane
Concen: 62.257 ug/l
RT: 10.880 min Scan# 1580
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

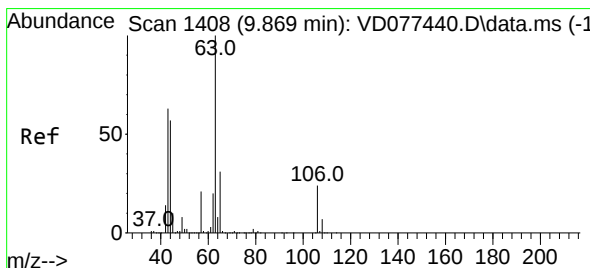
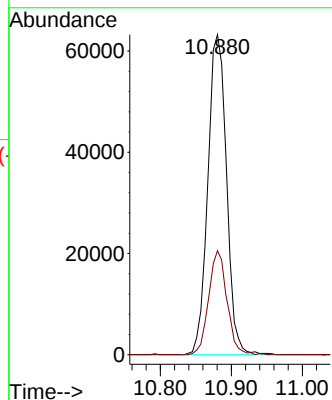
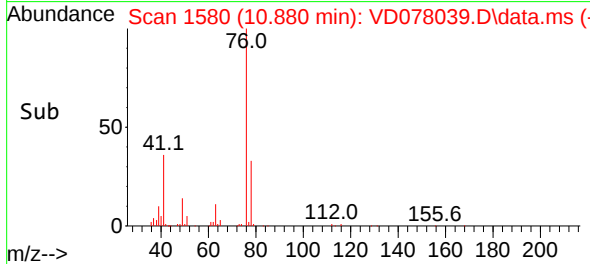
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 76 Resp: 11566
Ion Ratio Lower Upper
76 100
78 31.8 26.4 39.6

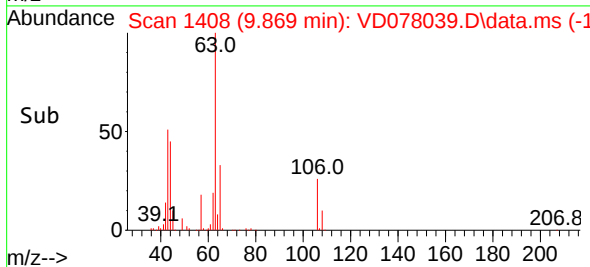
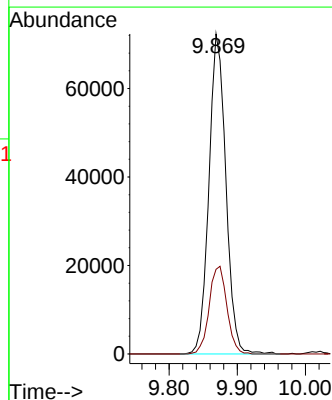
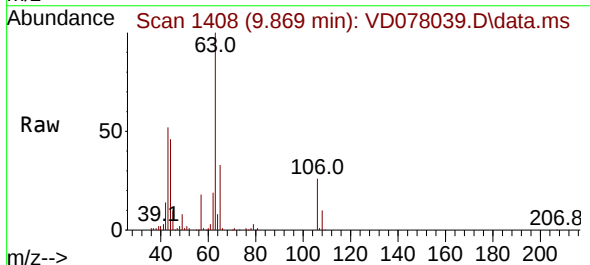
Manual Integrations
APPROVED

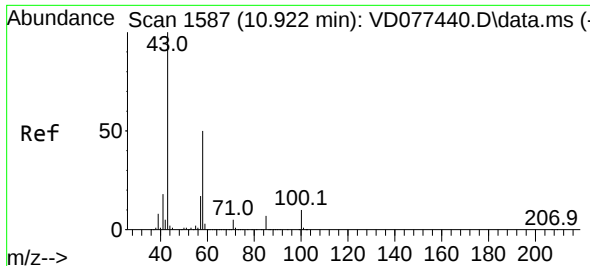
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 230.941 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

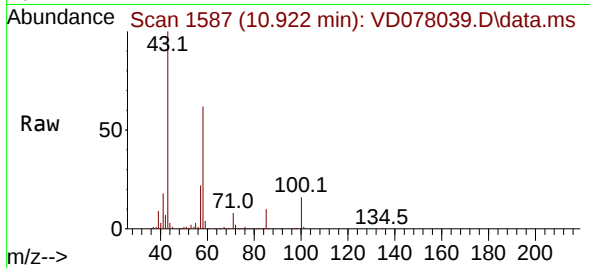
Tgt Ion: 63 Resp: 125127
Ion Ratio Lower Upper
63 100
106 28.6 25.3 37.9





#59
2-Hexanone
Concen: 234.095 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

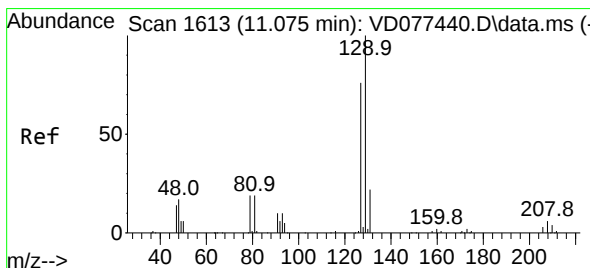
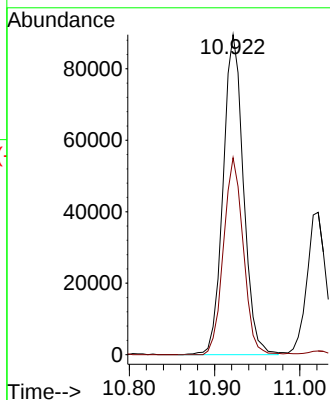
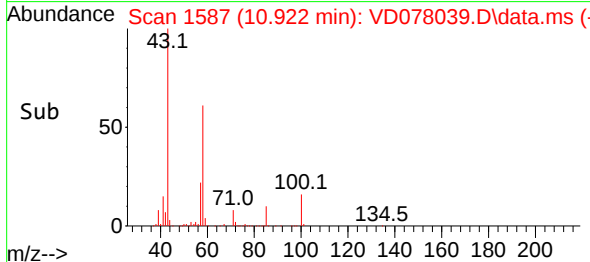
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 43 Resp: 148280
Ion Ratio Lower Upper
43 100
58 59.9 34.1 102.2

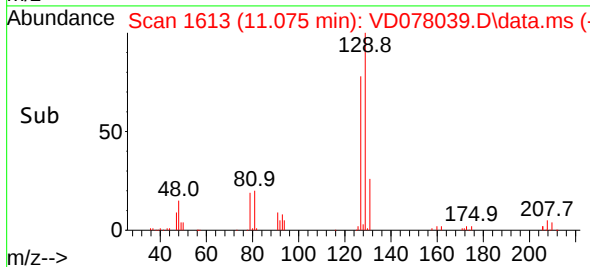
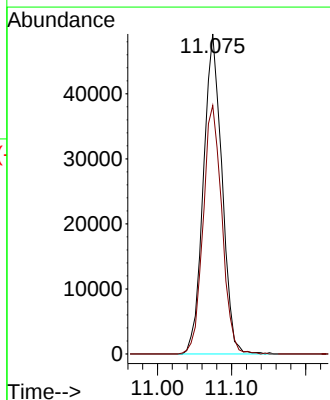
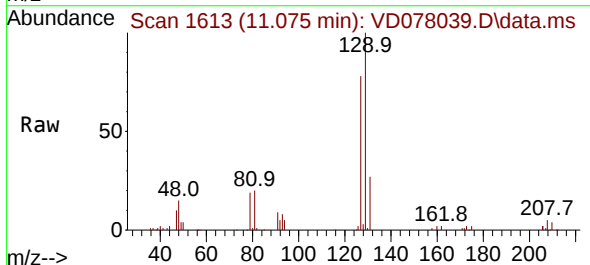
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#60
Dibromochloromethane
Concen: 65.982 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

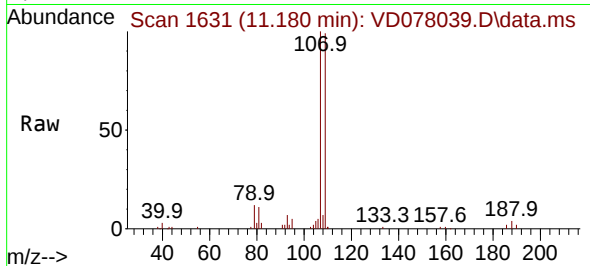
Tgt Ion:129 Resp: 85619
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 62.926 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

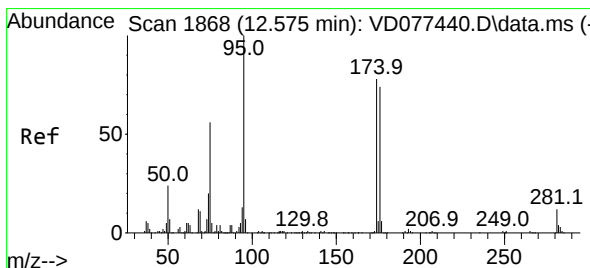
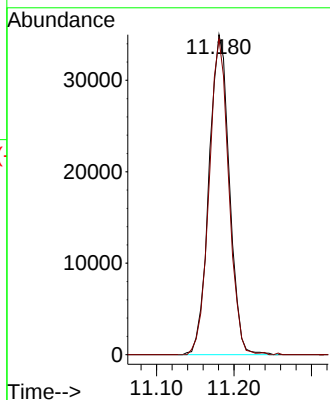
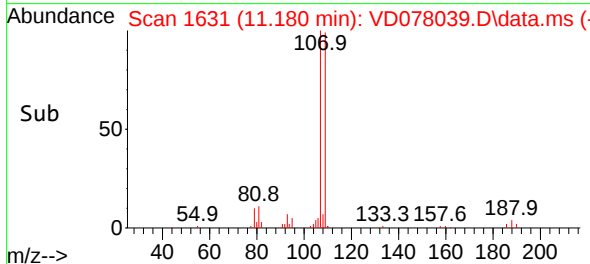
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



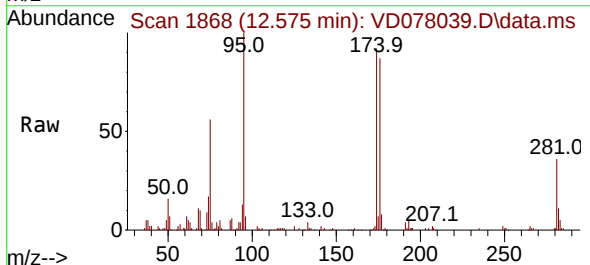
Tgt Ion:107 Resp: 6384
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4

Manual Integrations
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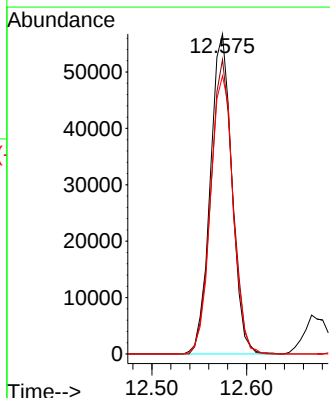
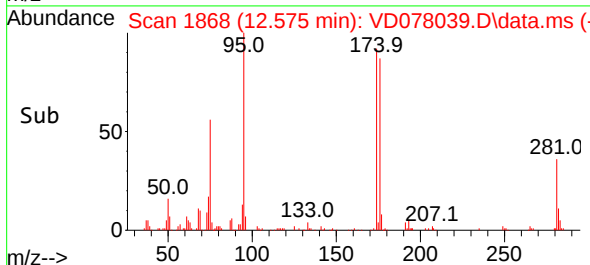
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

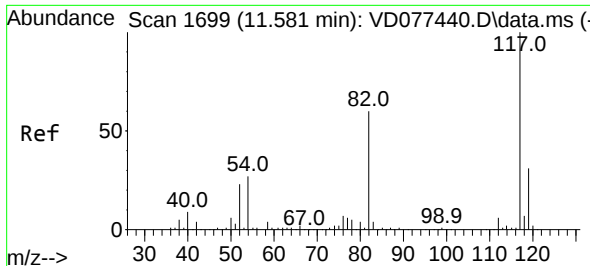


#62
4-Bromofluorobenzene
Concen: 55.380 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



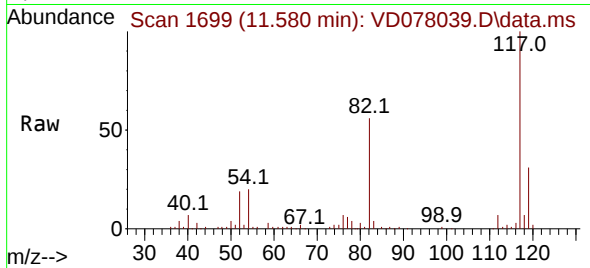
Tgt Ion: 95 Resp: 89480
Ion Ratio Lower Upper
95 100
174 94.0 0.0 201.8
176 91.6 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

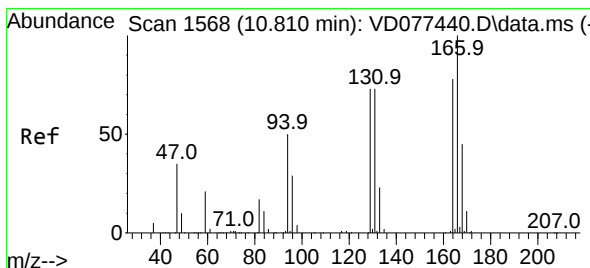
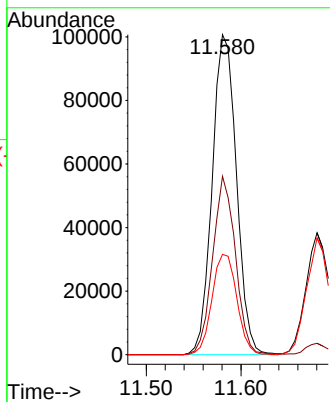
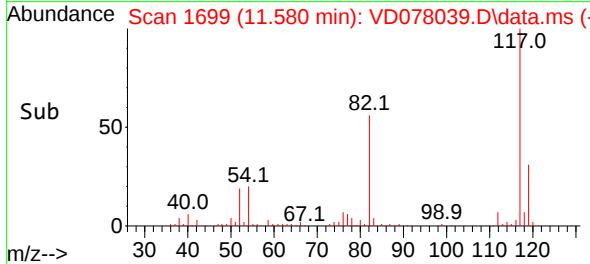
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion:117 Resp: 179180
Ion Ratio Lower Upper
117 100
82 55.7 38.3 57.5
119 31.3 25.0 37.4

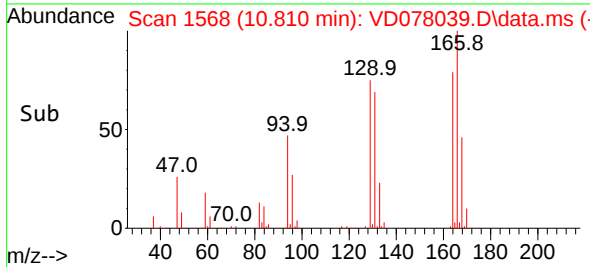
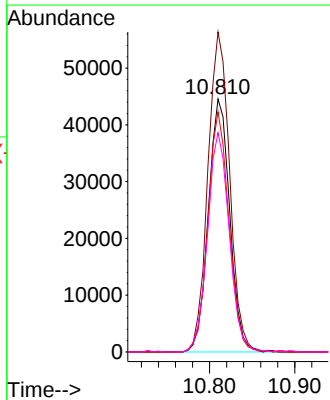
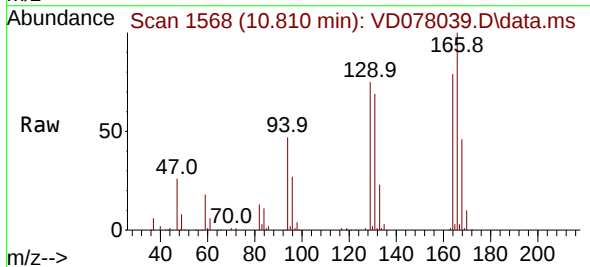
Manual Integrations
APPROVED

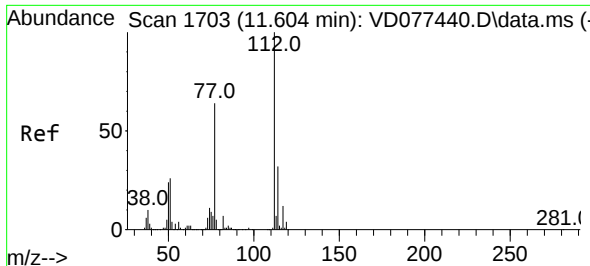
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#64
Tetrachloroethene
Concen: 59.148 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

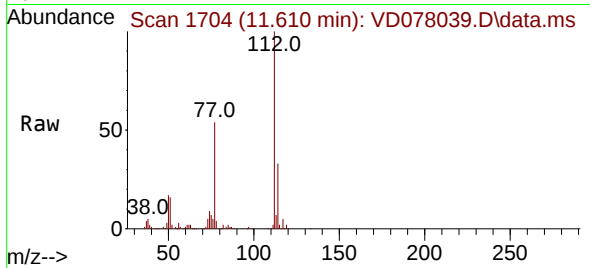
Tgt Ion:164 Resp: 77895
Ion Ratio Lower Upper
164 100
166 126.5 99.2 148.8
129 95.0 68.4 102.6
131 86.7 63.8 95.8





#65
Chlorobenzene
Concen: 58.408 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

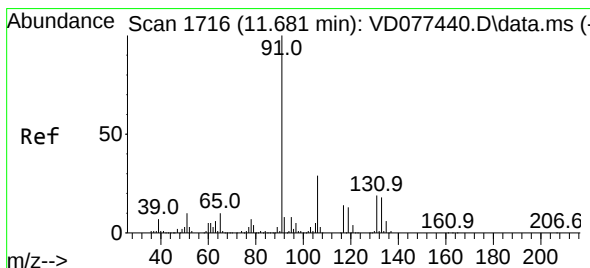
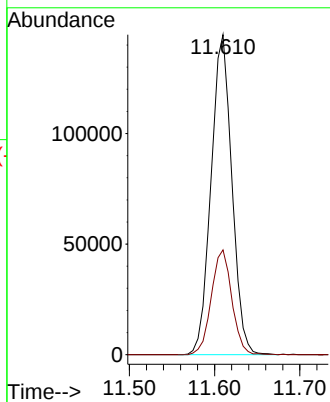
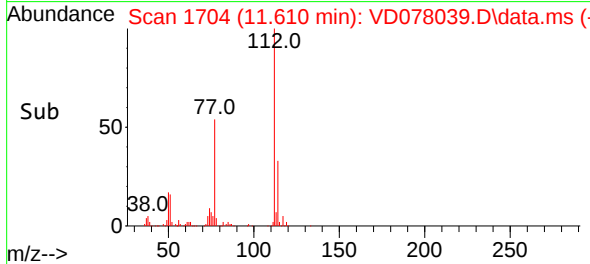
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



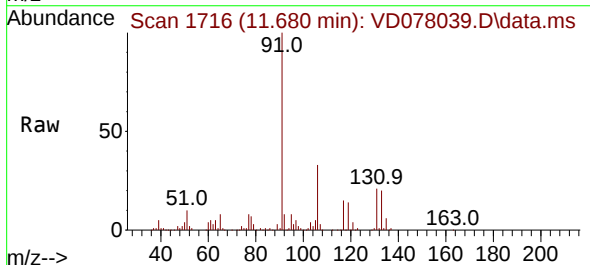
Tgt Ion:112 Resp: 245388
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7

Manual Integrations
APPROVED

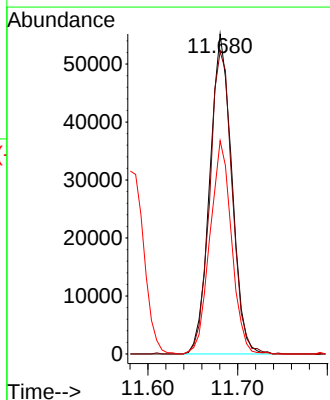
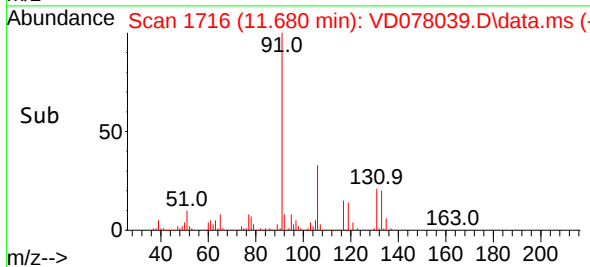
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

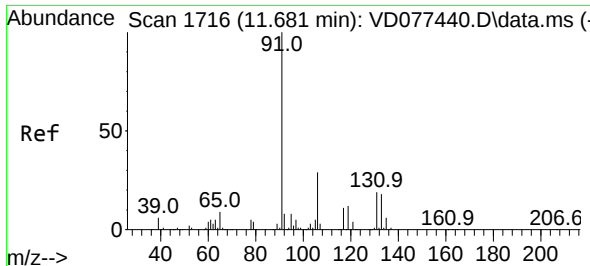


#66
1,1,1,2-Tetrachloroethane
Concen: 63.078 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



Tgt Ion:131 Resp: 93986
Ion Ratio Lower Upper
131 100
133 96.9 48.5 145.5
119 65.2 35.6 106.9





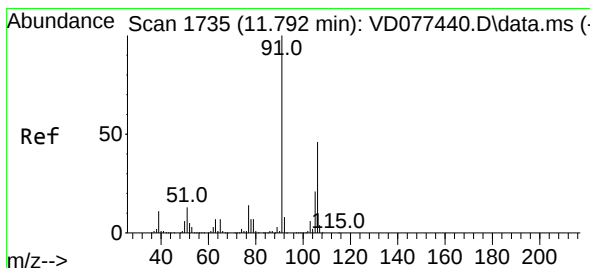
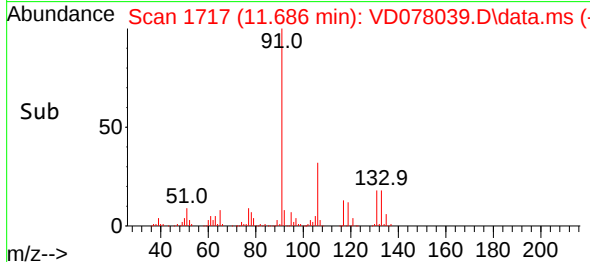
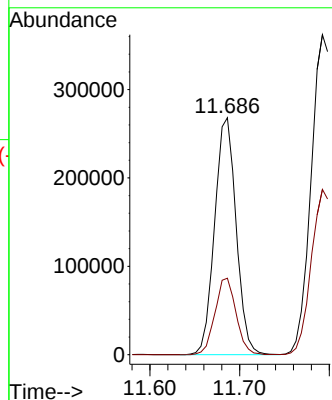
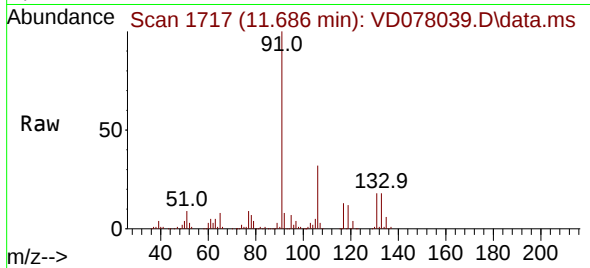
#67
Ethyl Benzene
Concen: 59.817 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.005 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD05007

Tgt Ion: 91 Resp: 44622
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7

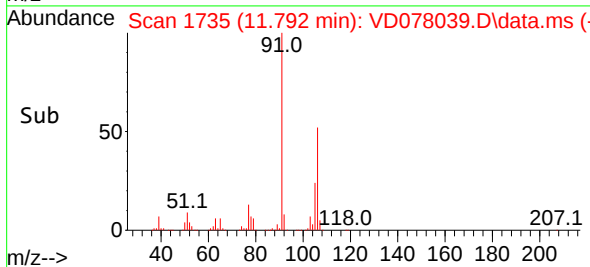
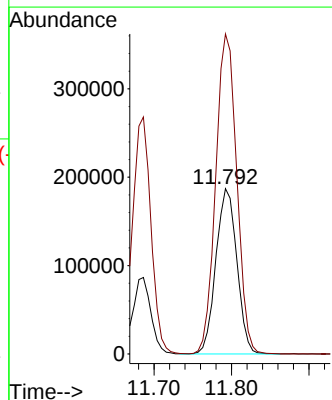
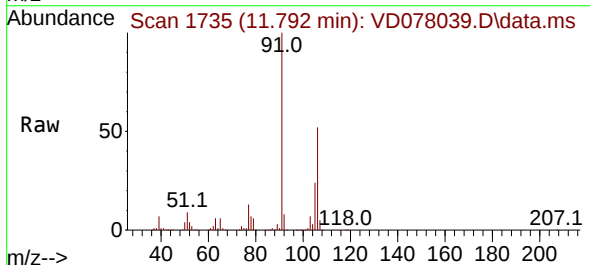
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#68
m/p-Xylenes
Concen: 123.303 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

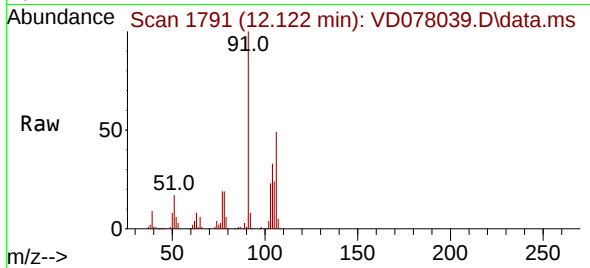
Tgt Ion:106 Resp: 351835
Ion Ratio Lower Upper
106 100
91 194.2 147.0 220.6





#69
o-Xylene
Concen: 62.300 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

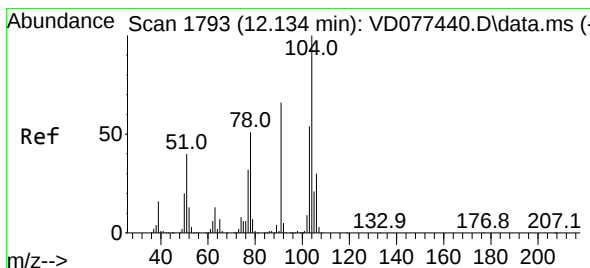
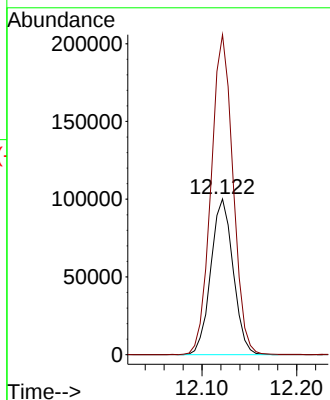
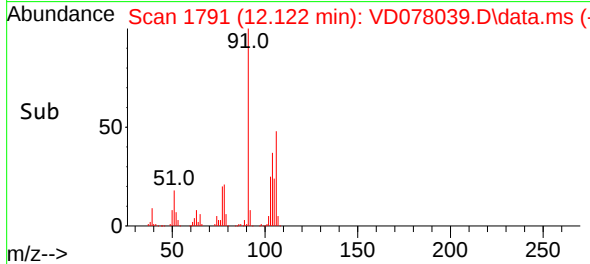
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion:106 Resp: 163834
Ion Ratio Lower Upper
106 100
91 202.9 97.9 293.6

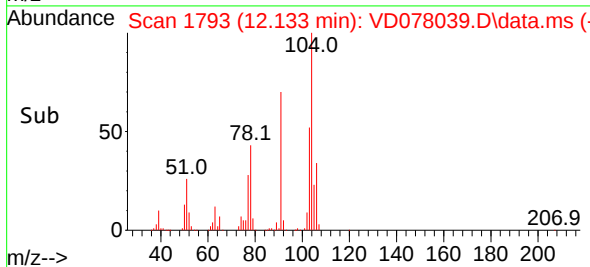
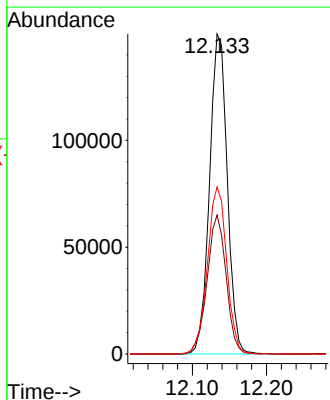
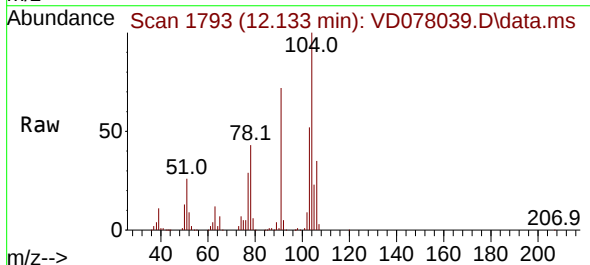
Manual Integrations
APPROVED

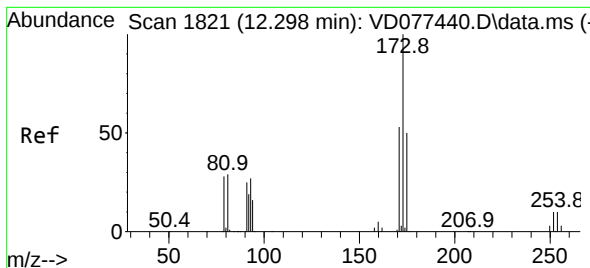
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#70
Styrene
Concen: 63.610 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Tgt Ion:104 Resp: 248738
Ion Ratio Lower Upper
104 100
78 46.6 33.2 49.8
103 56.7 43.6 65.4





#71

Bromoform

Concen: 63.266 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Instrument :

MSVOA_D

ClientSampleId :

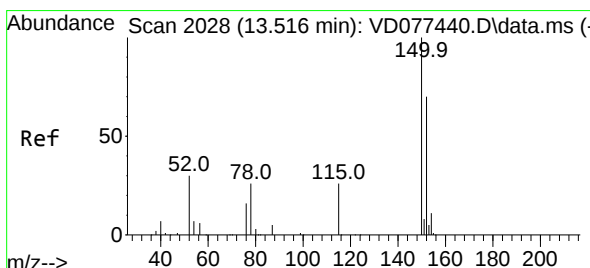
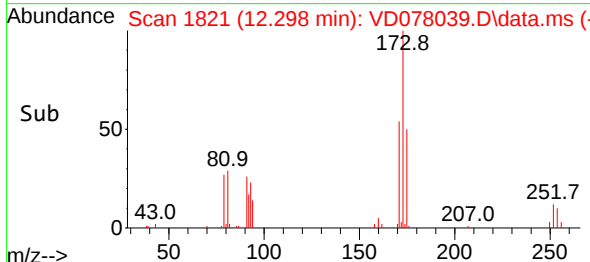
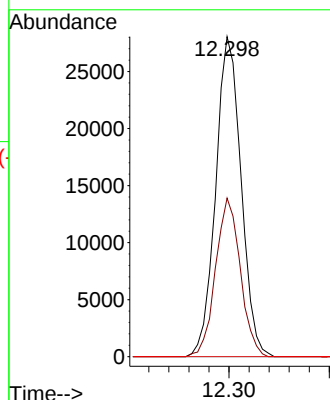
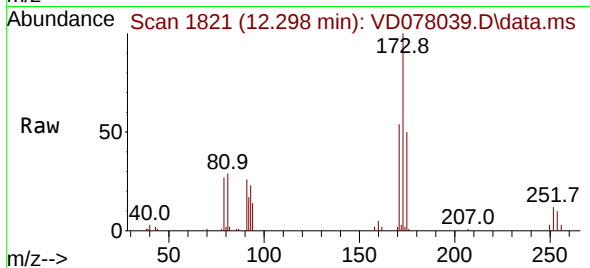
VSTD05007

Tgt Ion:173	Resp:	4925
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

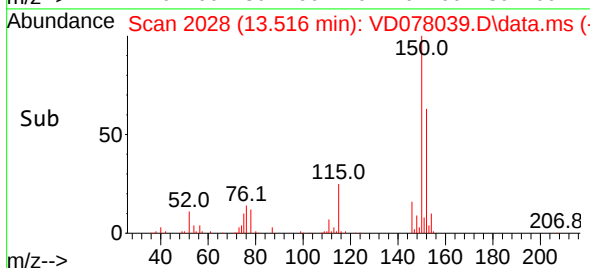
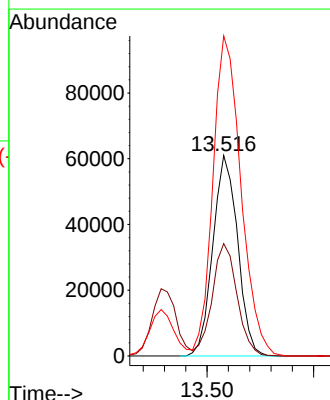
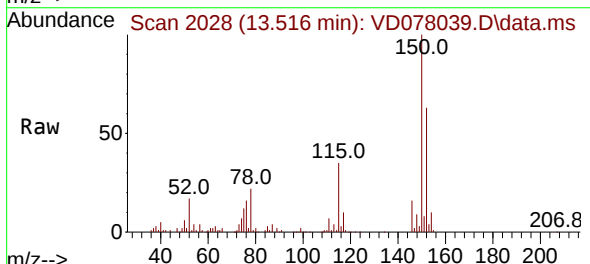
RT: 13.516 min Scan# 2028

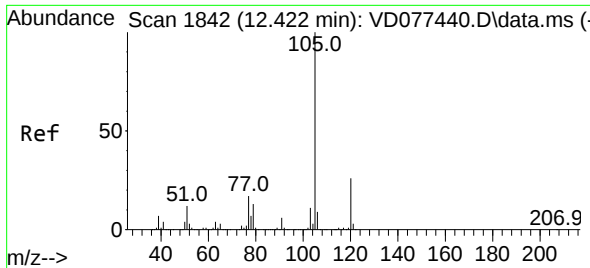
Delta R.T. -0.000 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

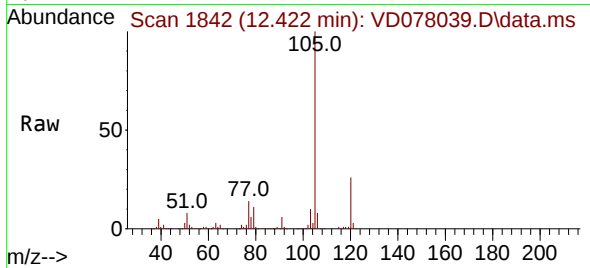
Tgt Ion:152	Resp:	98284
Ion Ratio	Lower	Upper
152	100	
115	56.3	27.1 81.3
150	180.6	0.0 353.6





#73
Isopropylbenzene
Concen: 58.293 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

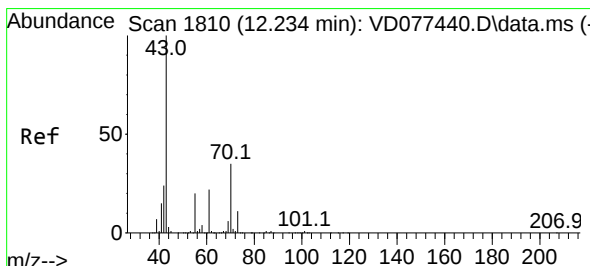
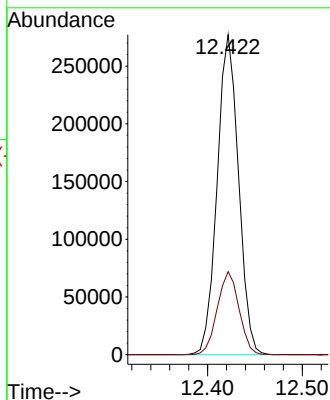
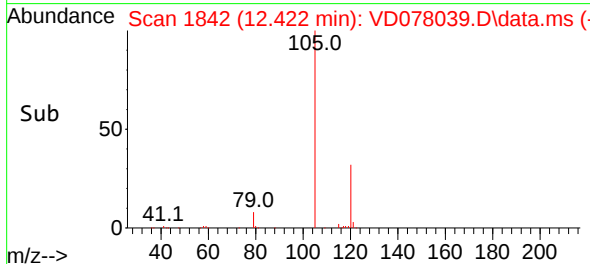
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



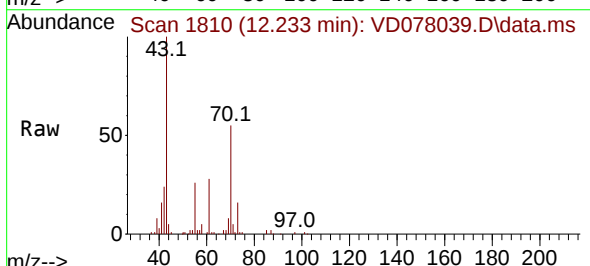
Tgt Ion:105 Resp: 434220
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9

Manual Integrations
APPROVED

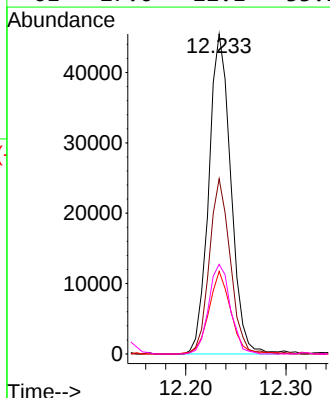
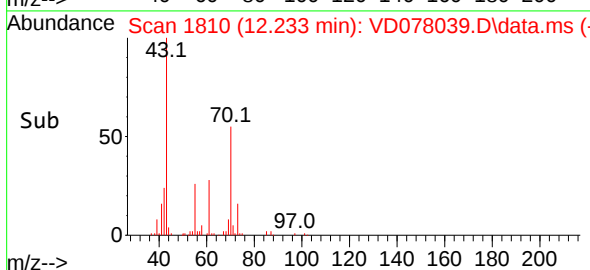
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

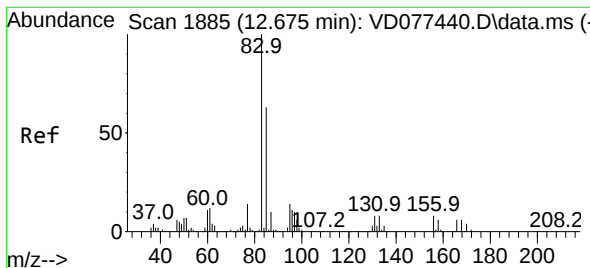


#74
N-ethyl acetate
Concen: 47.519 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



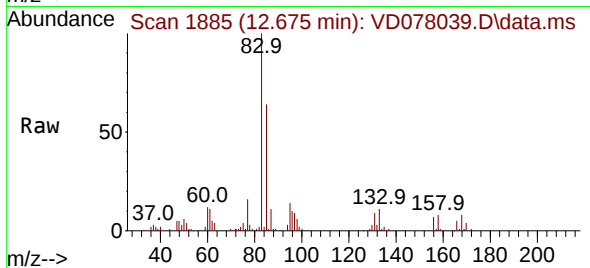
Tgt Ion: 43 Resp: 69581
Ion Ratio Lower Upper
43 100
70 51.9 45.0 67.4
55 25.7 23.8 35.6
61 27.6 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 58.944 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

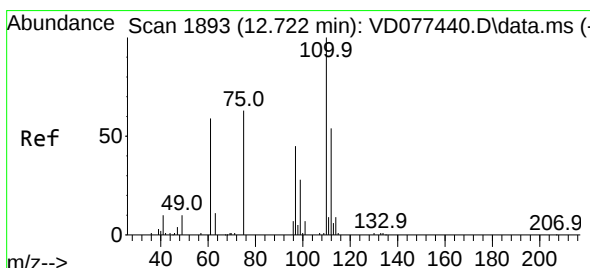
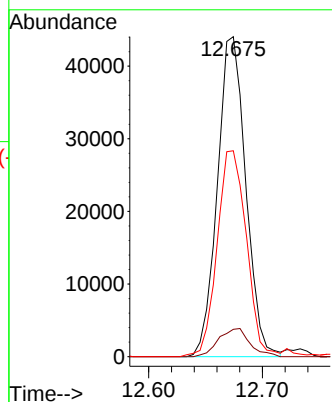
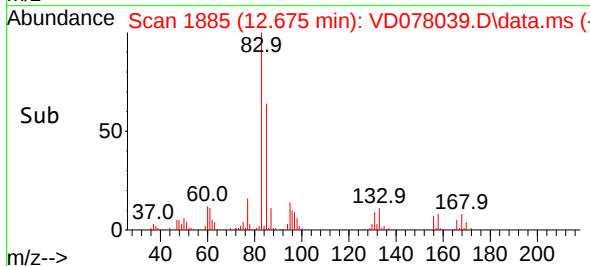
Instrument : MSVOA_D
ClientSampleId : VSTD05007



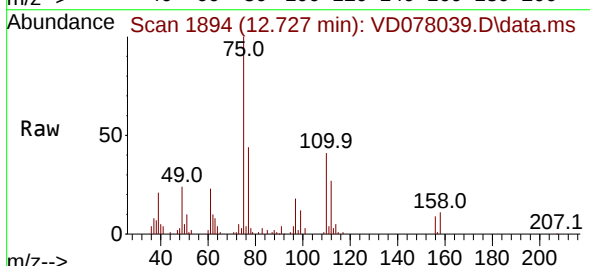
Tgt Ion: 83 Resp: 76558
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 66.2 32.6 97.8

Manual Integrations
APPROVED

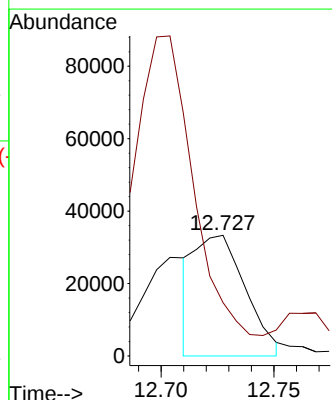
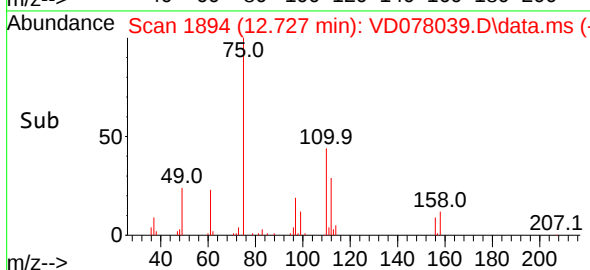
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

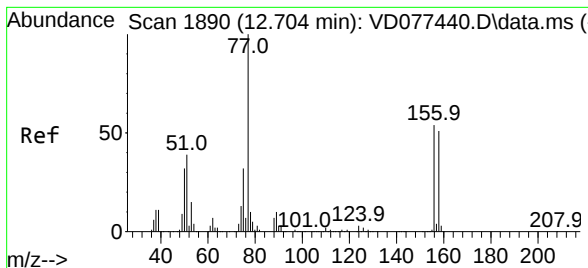


#76
1,2,3-Trichloropropane
Concen: 61.197 ug/l m
RT: 12.727 min Scan# 1894
Delta R.T. 0.005 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



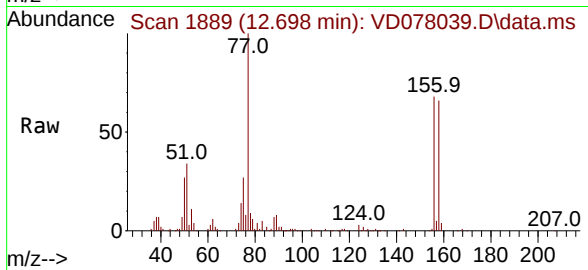
Tgt Ion: 75 Resp: 52238
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 58.374 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

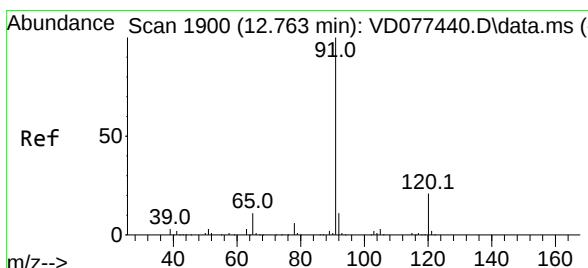
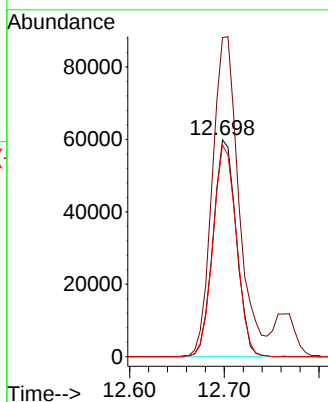
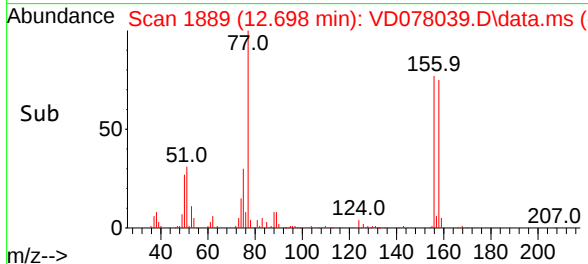
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion:156 Resp: 102278
Ion Ratio Lower Upper
156 100
77 168.5 76.8 230.4
158 98.3 48.6 145.9

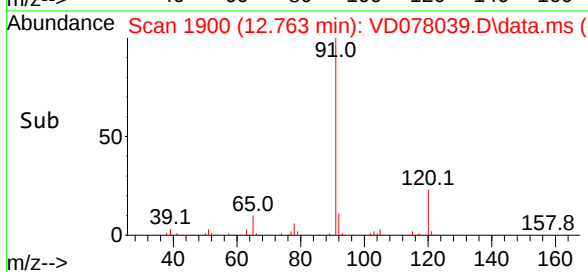
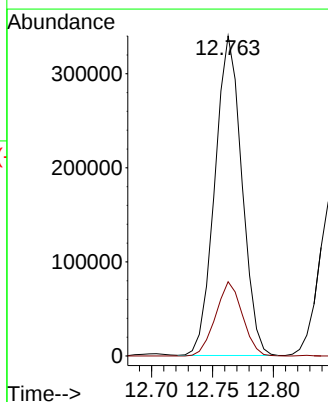
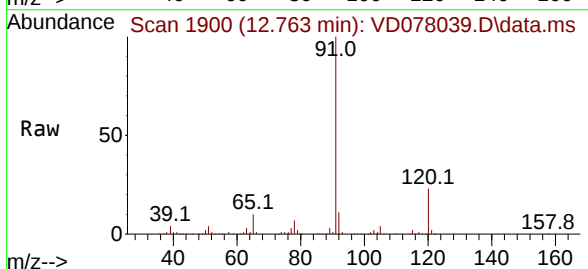
Manual Integrations
APPROVED

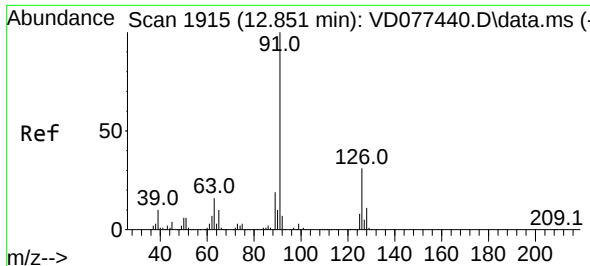
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#78
n-propylbenzene
Concen: 57.779 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

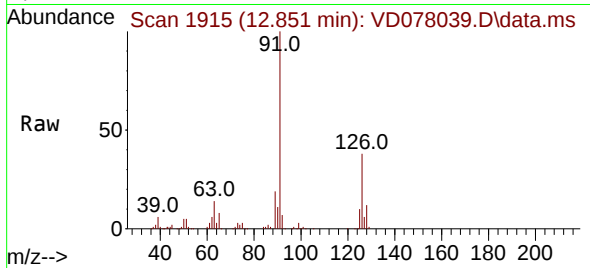
Tgt Ion: 91 Resp: 524451
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2





#79
2-Chlorotoluene
Concen: 58.712 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

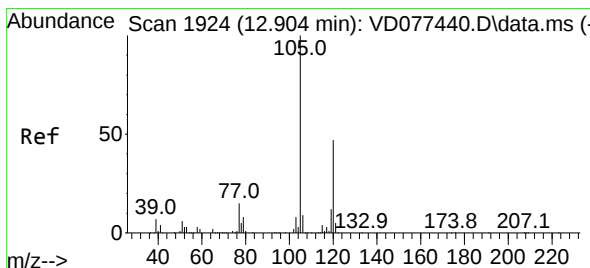
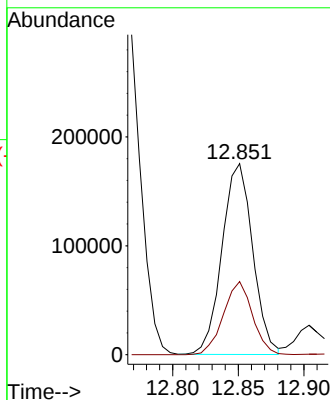
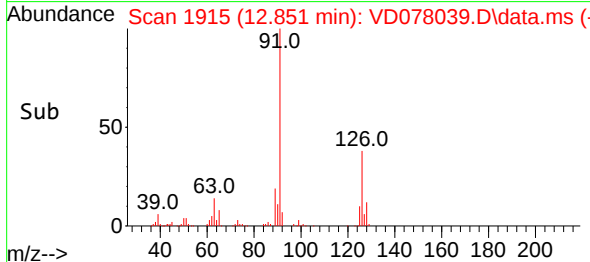
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



Tgt Ion: 91 Resp: 285600
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1

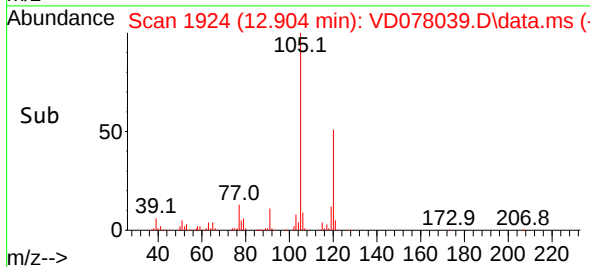
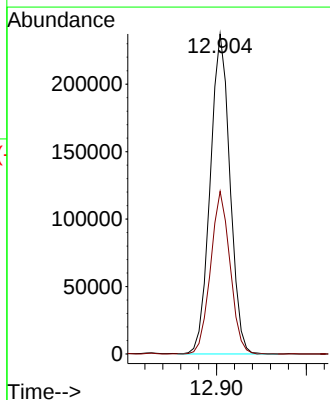
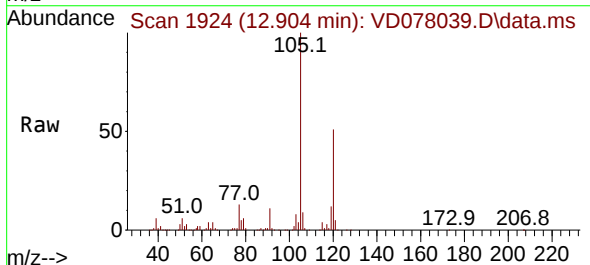
Manual Integrations
APPROVED

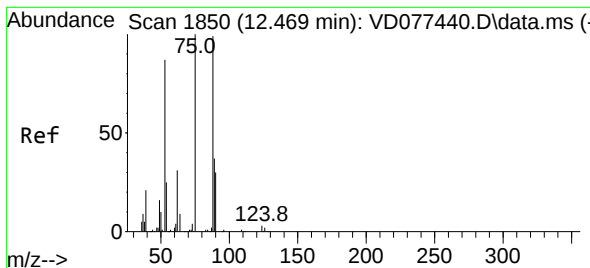
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 58.312 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Tgt Ion:105 Resp: 362283
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2





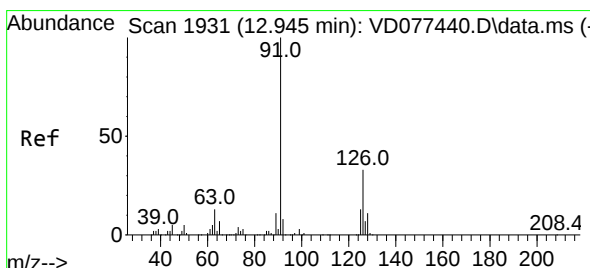
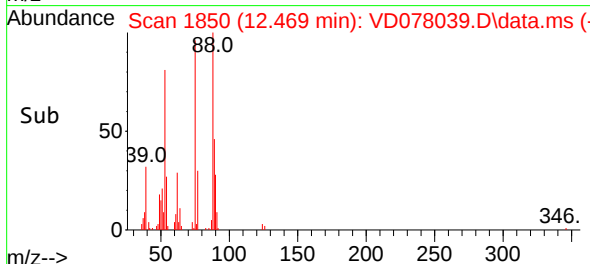
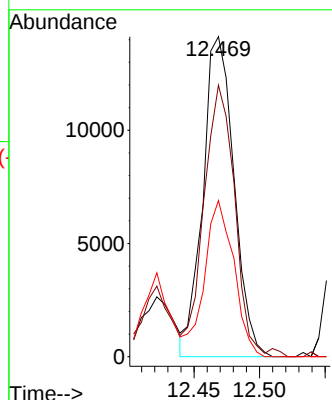
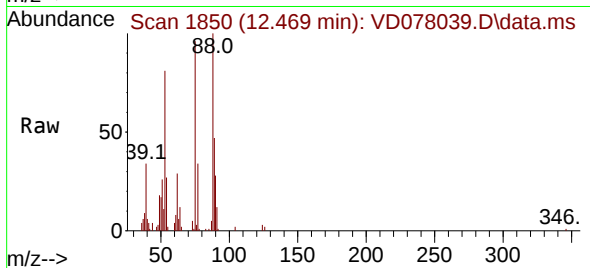
#81
trans-1,4-Dichloro-2-butene
Concen: 55.330 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD05007

Tgt Ion: 75 Resp: 2331
Ion Ratio Lower Upper
75 100
53 84.6 63.0 94.4
89 46.4 37.9 56.9

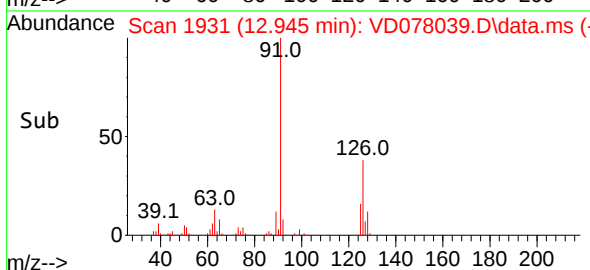
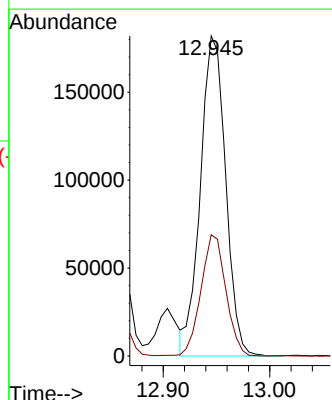
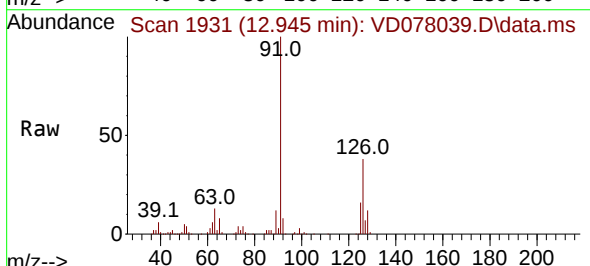
Manual Integrations
APPROVED

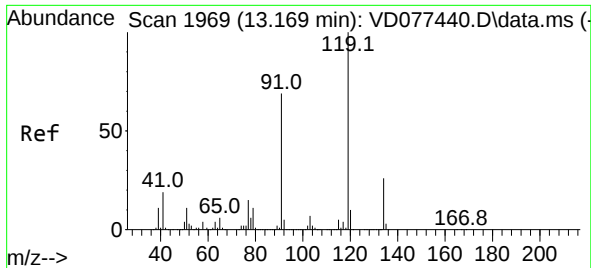
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#82
4-Chlorotoluene
Concen: 58.987 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Tgt Ion: 91 Resp: 299973
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.4





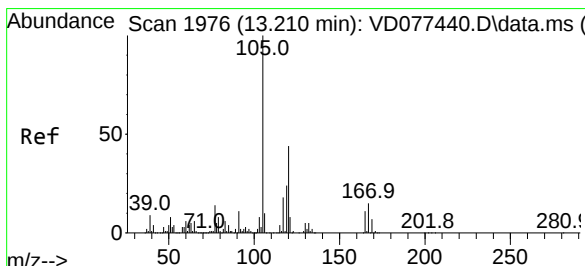
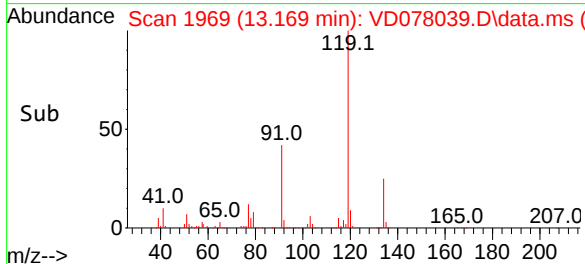
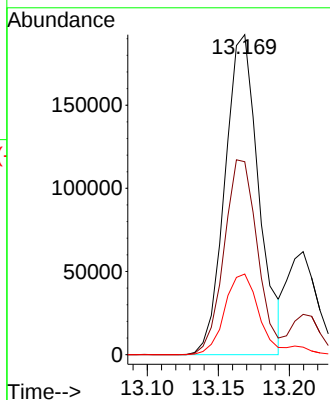
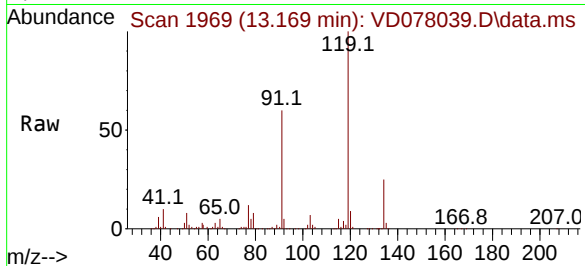
#83
tert-Butylbenzene
Concen: 60.696 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD05007

Tgt Ion:119 Resp: 318354
Ion Ratio Lower Upper
119 100
91 60.1 29.3 87.8
134 27.0 14.1 42.3

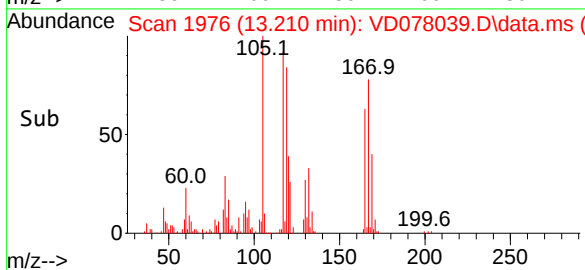
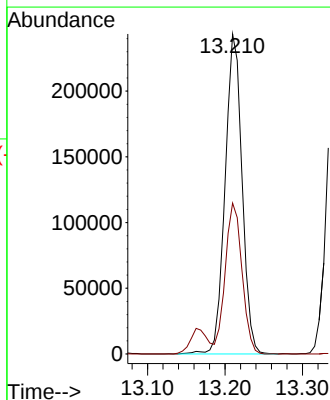
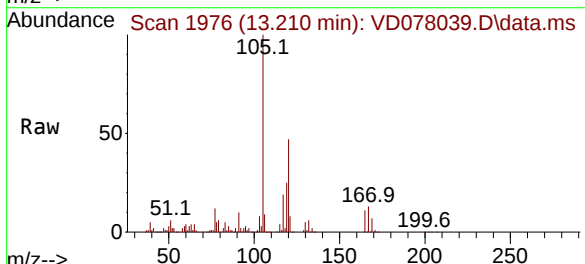
Manual Integrations
APPROVED

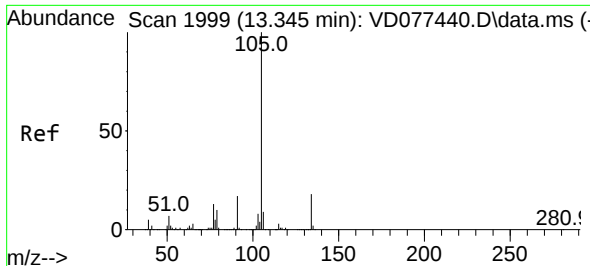
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 59.623 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

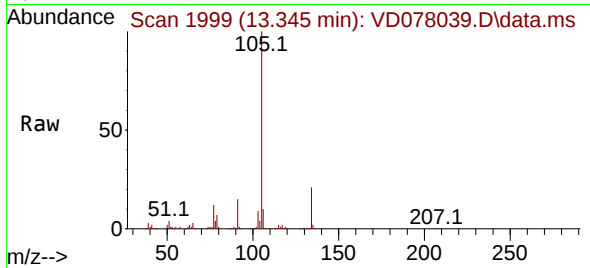
Tgt Ion:105 Resp: 370497
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 58.759 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078039.D
 Acq: 21 Dec 2023 22:02

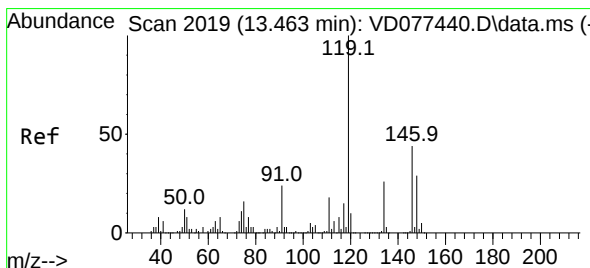
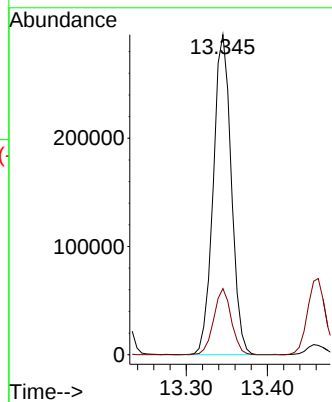
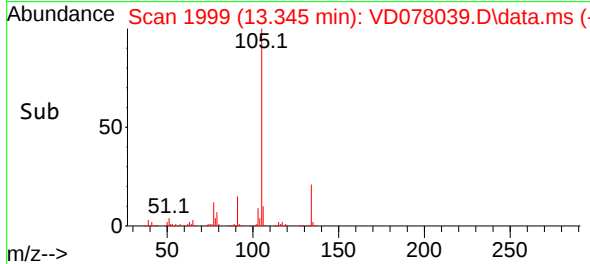
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05007



Tgt Ion:105 Resp: 455558
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9

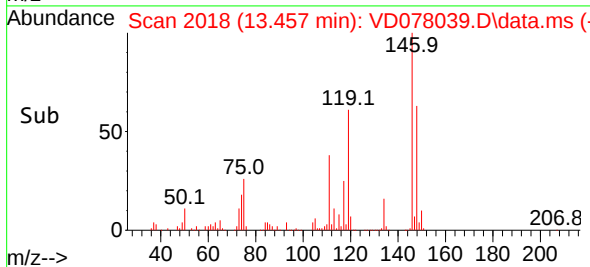
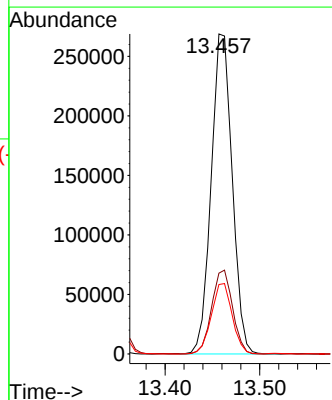
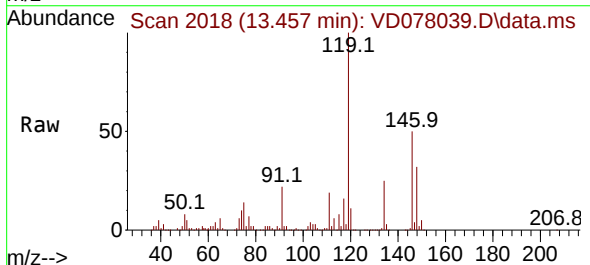
Manual Integrations
 APPROVED

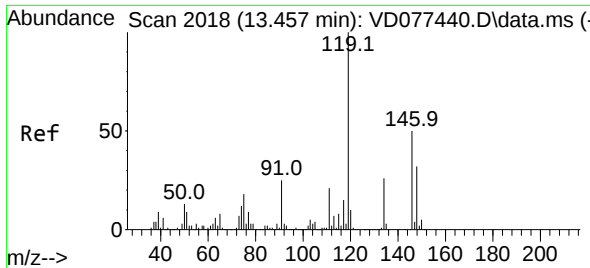
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#86
 p-Isopropyltoluene
 Concen: 59.837 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078039.D
 Acq: 21 Dec 2023 22:02

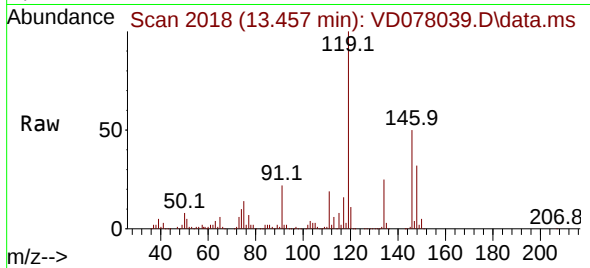
Tgt Ion:119 Resp: 415357
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 21.9 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 60.470 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

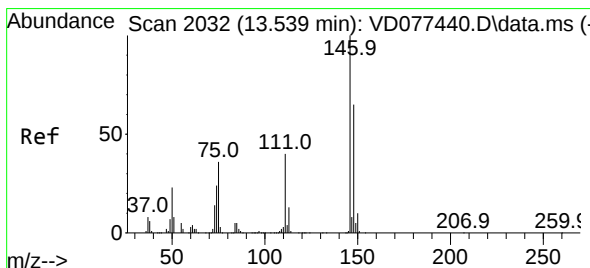
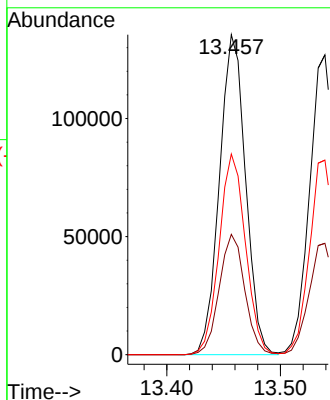
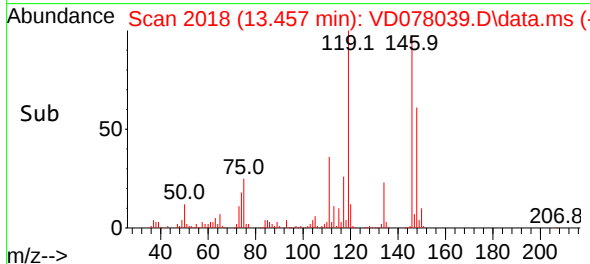
Instrument :
MSVOA_D
ClientSampleId :
VSTD05007



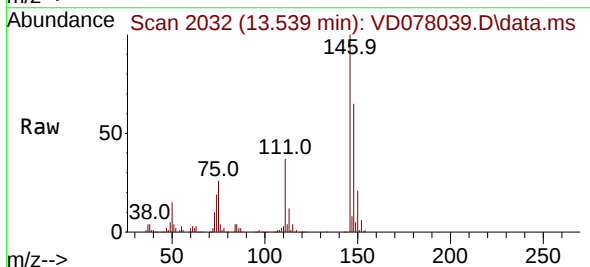
Tgt Ion:146 Resp: 216668
Ion Ratio Lower Upper
146 100
111 36.9 17.9 53.8
148 63.1 32.3 96.8

Manual Integrations
APPROVED

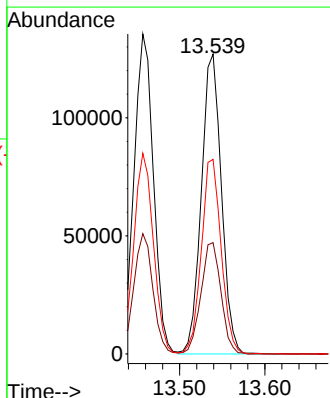
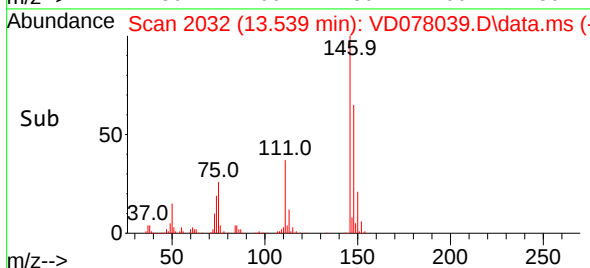
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

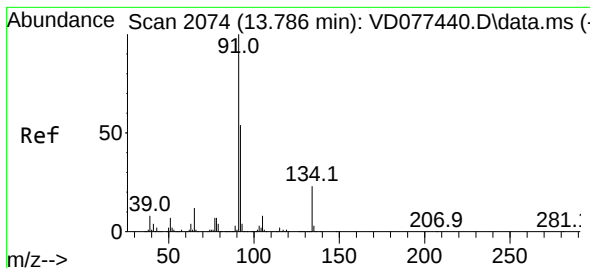


#88
1,4-Dichlorobenzene
Concen: 58.337 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02



Tgt Ion:146 Resp: 207680
Ion Ratio Lower Upper
146 100
111 37.2 17.4 52.3
148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 57.391 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD05007

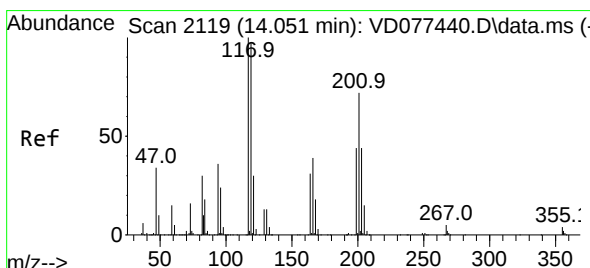
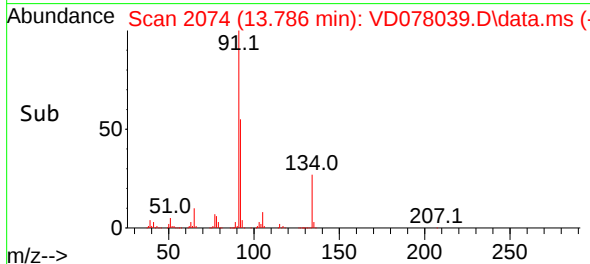
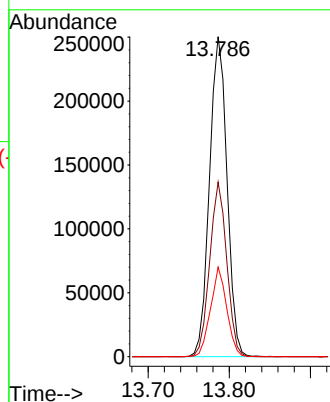
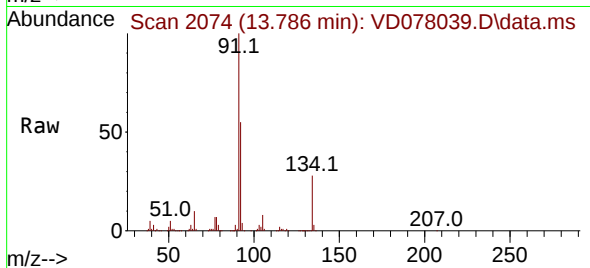
Tgt Ion: 91 Resp: 37485

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	26.0	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#90

Hexachloroethane

Concen: 63.822 ug/l

RT: 14.051 min Scan# 2119

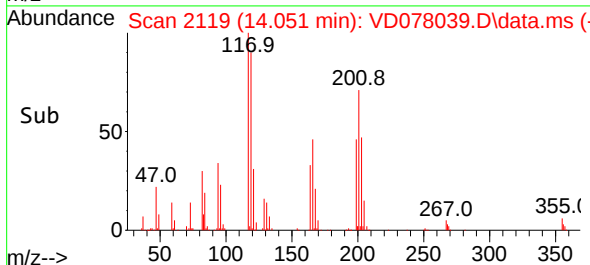
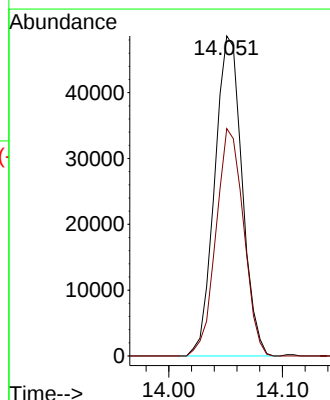
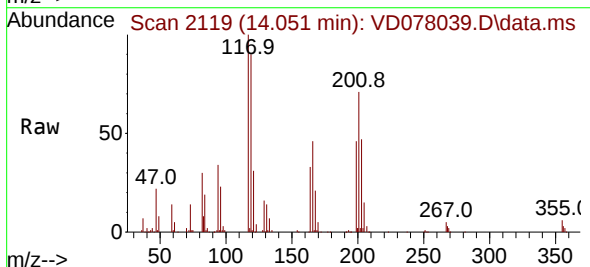
Delta R.T. -0.000 min

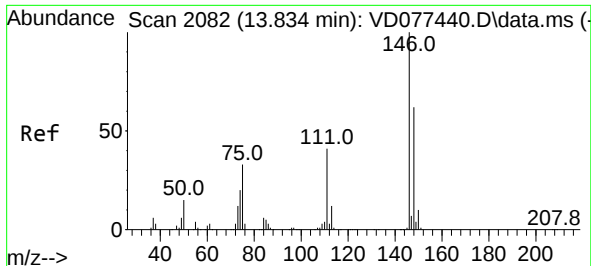
Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Tgt Ion:117 Resp: 81474

Ion	Ratio	Lower	Upper
117	100		
201	71.6	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 59.215 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD05007

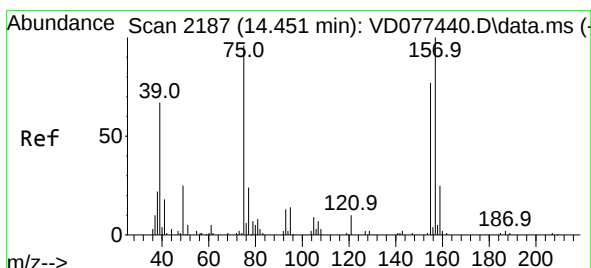
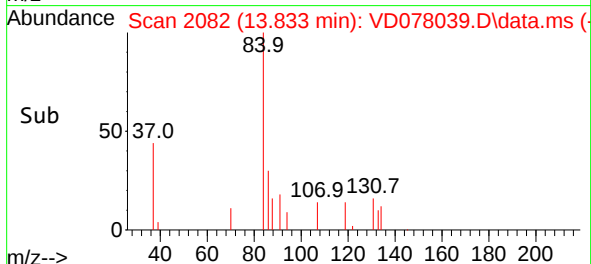
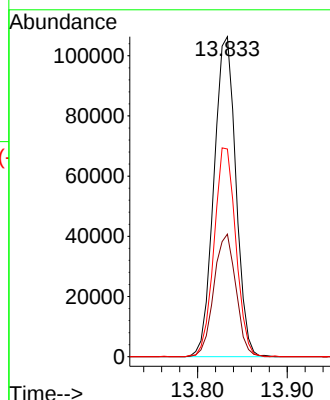
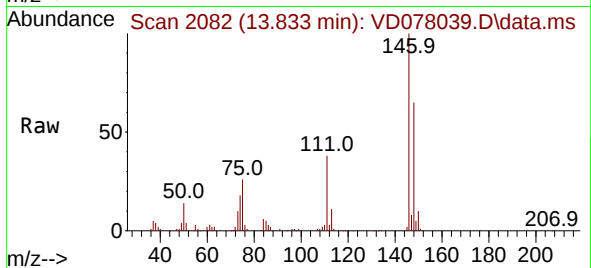
Tgt Ion:146 Resp: 180440

Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.3	54.8
148	64.8	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.520 ug/l

RT: 14.451 min Scan# 2187

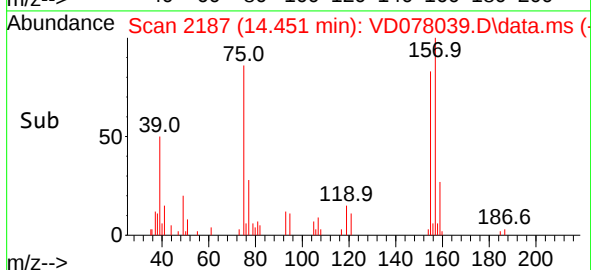
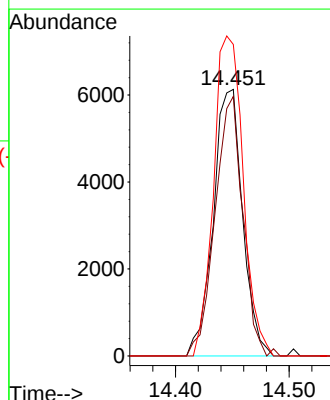
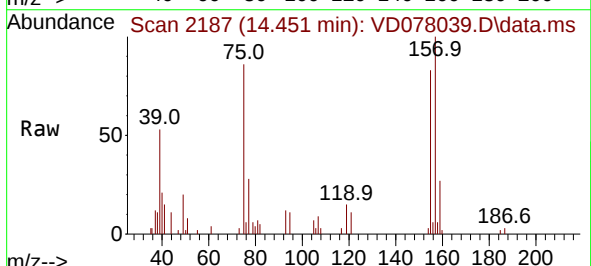
Delta R.T. -0.000 min

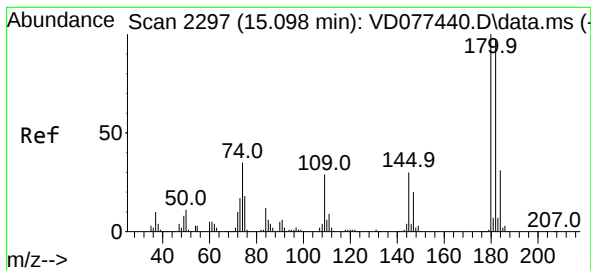
Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Tgt Ion: 75 Resp: 10979

Ion	Ratio	Lower	Upper
75	100		
155	92.6	47.9	143.8
157	121.3	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 55.074 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD05007

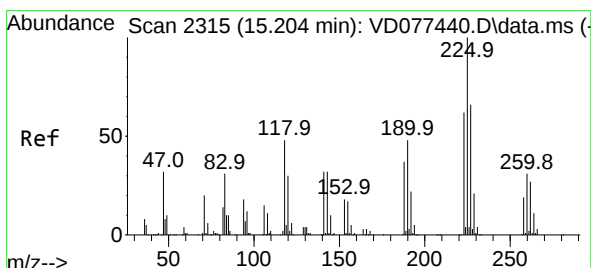
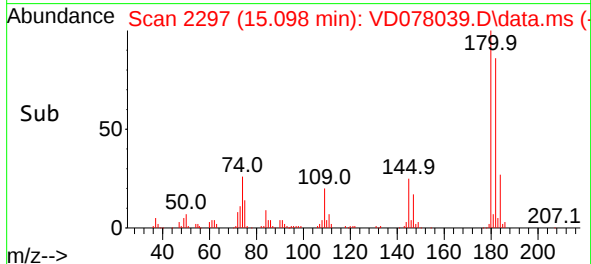
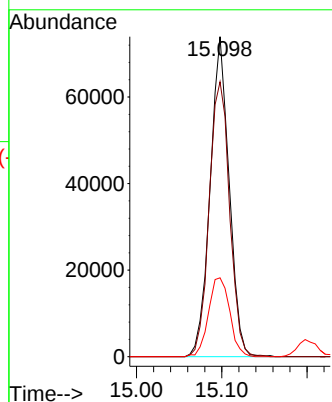
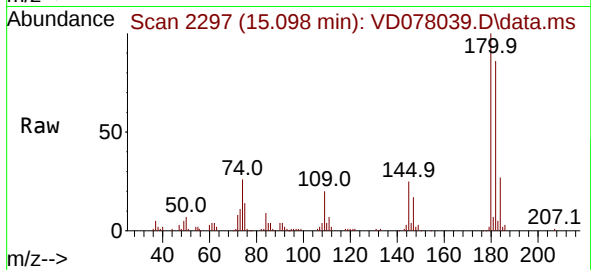
Tgt Ion:180 Resp: 11463

Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.5	145.6
145	27.5	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#94

Hexachlorobutadiene

Concen: 53.482 ug/l

RT: 15.198 min Scan# 2314

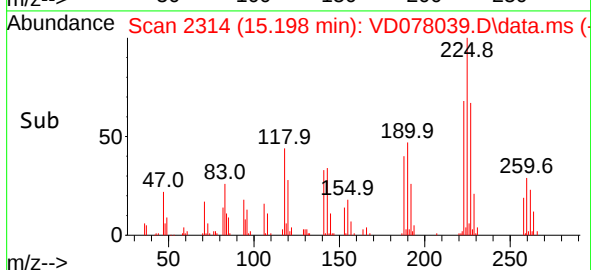
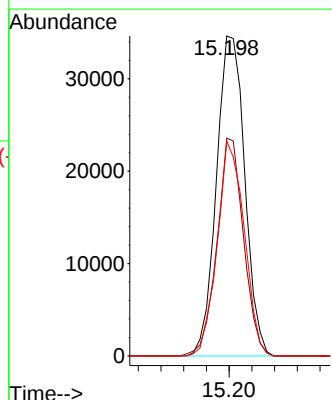
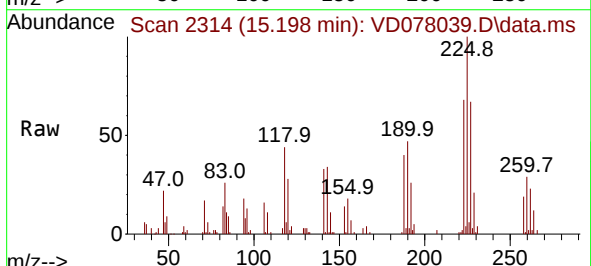
Delta R.T. -0.006 min

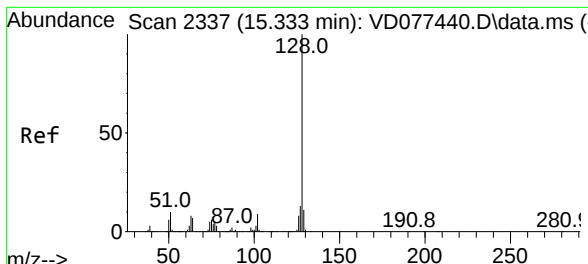
Lab File: VD078039.D

Acq: 21 Dec 2023 22:02

Tgt Ion:225 Resp: 60030

Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.6	94.8
227	63.9	31.7	95.1





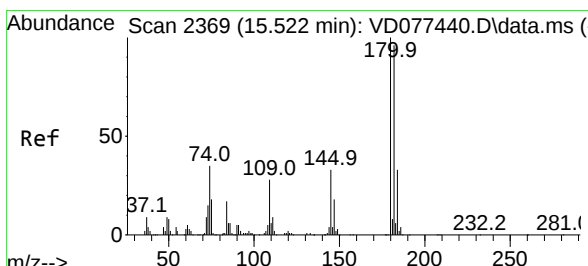
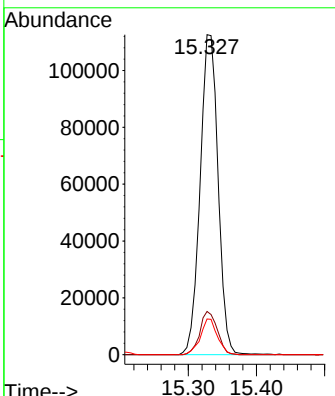
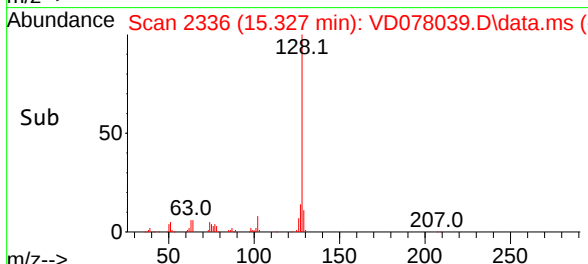
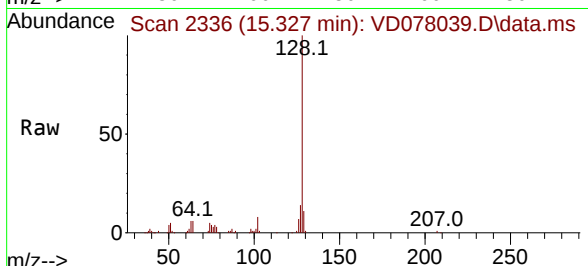
#95
Naphthalene
Concen: 59.670 ug/l
RT: 15.327 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Instrument : MSVOA_D
ClientSampleId : VSTD05007

Tgt Ion:	128	Resp:	20636
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 56.988 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD078039.D
Acq: 21 Dec 2023 22:02

Tgt Ion:	180	Resp:	97792
Ion Ratio	Lower	Upper	
180	100		
182	92.0	47.3	141.9
145	30.5	15.1	45.3

