

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077850.D
 Acq On : 12 Dec 2023 18:49
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

Quant Time: Dec 13 03:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	129008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	225840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	218455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81072	53.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.804	113	82665	52.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.275	98	336162	53.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	12.575	95	102332	54.022	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	71849	44.585	ug/l	95
3) Chloromethane	2.152	50	114020	51.907	ug/l	98
4) Vinyl Chloride	2.287	62	153641	51.522	ug/l	99
5) Bromomethane	2.699	94	99219	59.296	ug/l	99
6) Chloroethane	2.840	64	107573	52.912	ug/l	96
7) Trichlorofluoromethane	3.181	101	136916	49.852	ug/l	94
8) Diethyl Ether	3.593	74	42634	55.283	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.981	101	81497	51.869	ug/l	97
10) Methyl Iodide	4.169	142	89262	62.823	ug/l	92
11) Tert butyl alcohol	5.052	59	19908	272.983	ug/l	99
12) 1,1-Dichloroethene	3.946	96	82167	52.986	ug/l	85
13) Acrolein	3.799	56	34936	217.255	ug/l	96
14) Allyl chloride	4.569	41	115045	53.942	ug/l	91
15) Acrylonitrile	5.258	53	95774	290.052	ug/l	96
16) Acetone	4.016	43	86260	264.371	ug/l #	83
17) Carbon Disulfide	4.275	76	265665	50.638	ug/l	98
18) Methyl Acetate	4.569	43	71076	59.368	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	188037	57.153	ug/l	99
20) Methylene Chloride	4.805	84	100130	56.221	ug/l #	82
21) trans-1,2-Dichloroethene	5.316	96	96521	54.953	ug/l	86
22) Diisopropyl ether	6.216	45	255324	57.287	ug/l	94
23) Vinyl Acetate	6.157	43	615860	282.961	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	164255	54.421	ug/l	97
25) 2-Butanone	7.087	43	115965	279.272	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	133938	52.854	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	109155	57.755	ug/l	90
28) Bromochloromethane	7.434	49	61434	50.372	ug/l #	80
29) Tetrahydrofuran	7.446	42	70549	291.436	ug/l	86
30) Chloroform	7.599	83	171070	56.632	ug/l	100
31) Cyclohexane	7.881	56	134010	49.562	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	142532	53.524	ug/l	98
36) 1,1-Dichloropropene	8.010	75	131123	51.819	ug/l	96
37) Ethyl Acetate	7.169	43	48083	48.734	ug/l	95
38) Carbon Tetrachloride	7.993	117	129601	51.375	ug/l	95
39) Methylcyclohexane	9.275	83	160903	53.639	ug/l	93
40) Benzene	8.251	78	395042	55.006	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30782	61.383	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	103579	55.639	ug/l	93
43) Isopropyl Acetate	8.363	43	96211	54.855	ug/l #	90
44) Trichloroethene	9.034	130	99873	53.364	ug/l	95
45) 1,2-Dichloropropane	9.304	63	97321	55.744	ug/l	100
46) Dibromomethane	9.398	93	52326	56.645	ug/l	92
47) Bromodichloromethane	9.587	83	128266	54.781	ug/l	97
48) Methyl methacrylate	9.381	41	56141	56.310	ug/l #	77
49) 1,4-Dioxane	9.381	88	9525	1038.412	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	246065	274.895	ug/l	90
52) Toluene	10.334	92	252195	56.611	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	131219	58.360	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	153166	56.343	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	70959	56.158	ug/l	95
56) Ethyl methacrylate	10.598	69	63387	56.907	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	123067	56.504	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	175783	276.731	ug/l	93
59) 2-Hexanone	10.922	43	177721	239.311	ug/l	90
60) Dibromochloromethane	11.075	129	84777	55.727	ug/l	91
61) 1,2-Dibromoethane	11.181	107	68173	57.316	ug/l	99
64) Tetrachloroethene	10.810	164	84488	52.620	ug/l	98
65) Chlorobenzene	11.610	112	265154	51.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97532	53.689	ug/l	95
67) Ethyl Benzene	11.687	91	479290	52.699	ug/l	99
68) m/p-Xylenes	11.792	106	371186	106.697	ug/l	91
69) o-Xylene	12.122	106	172769	53.886	ug/l	91
70) Styrene	12.139	104	265296	55.647	ug/l	94
71) Bromoform	12.298	173	51442	54.196	ug/l #	100
73) Isopropylbenzene	12.422	105	459624	52.183	ug/l	96
74) N-amyl acetate	12.234	43	86501	49.961	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	80400	52.352	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	58053m	57.517	ug/l	
77) Bromobenzene	12.704	156	107116	51.703	ug/l	91
78) n-propylbenzene	12.763	91	563021	52.458	ug/l	97
79) 2-Chlorotoluene	12.851	91	299892	52.139	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	386139	52.564	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	26950	54.099	ug/l	94
82) 4-Chlorotoluene	12.945	91	324336	53.939	ug/l	94
83) tert-Butylbenzene	13.169	119	329453	53.122	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	398719	54.266	ug/l	96
85) sec-Butylbenzene	13.345	105	492448	53.718	ug/l	96
86) p-Isopropyltoluene	13.463	119	448810	54.682	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	223821	52.829	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	218235	51.660	ug/l	99
89) n-Butylbenzene	13.786	91	419080	54.263	ug/l	99
90) Hexachloroethane	14.051	117	83006	54.991	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	186552	51.774	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11878	53.460	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	123719	50.268	ug/l	99
94) Hexachlorobutadiene	15.204	225	69604	52.445	ug/l	99
95) Naphthalene	15.333	128	222081	54.308	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	103710	51.113	ug/l	97

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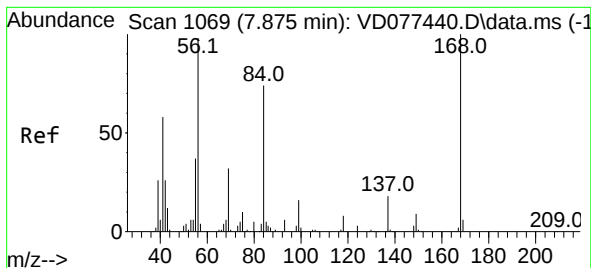
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

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Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 129000

Ion Ratio Lower Upper

168 100

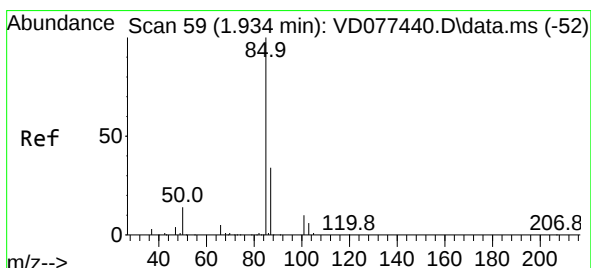
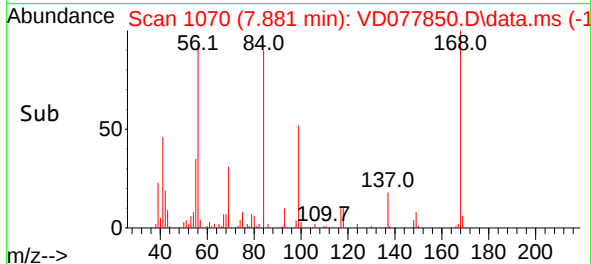
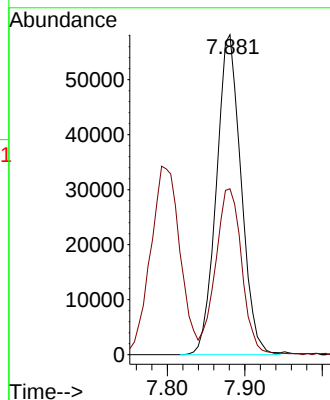
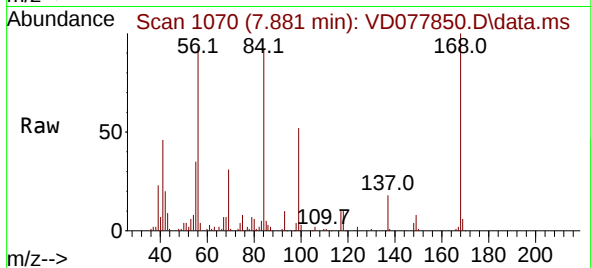
99 51.4 36.7 55.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#2

Dichlorodifluoromethane

Concen: 44.585 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077850.D

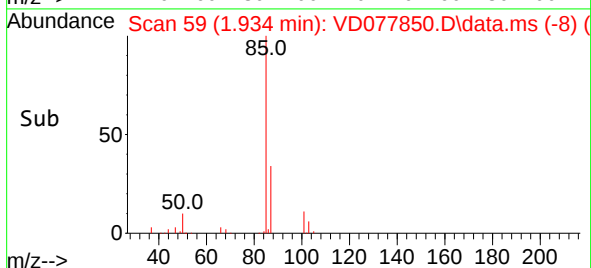
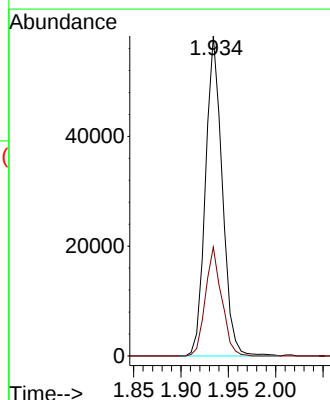
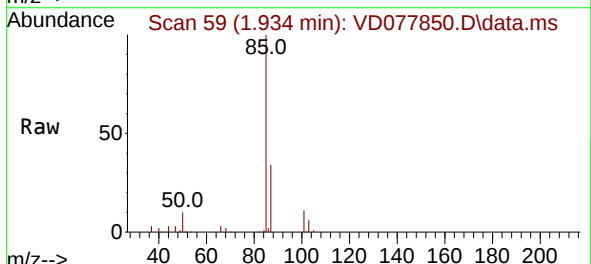
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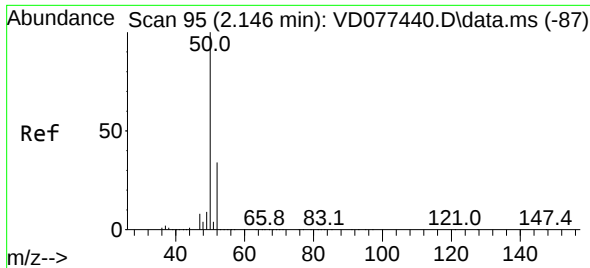
Tgt Ion: 85 Resp: 71849

Ion Ratio Lower Upper

85 100

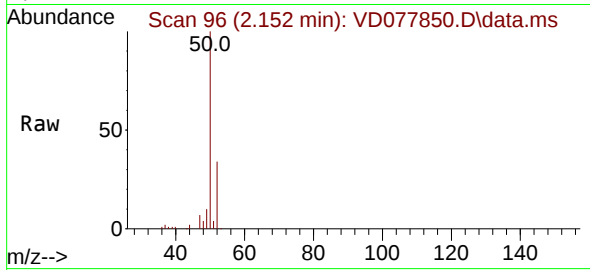
87 34.1 15.7 47.0





#3
Chloromethane
Concen: 51.907 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

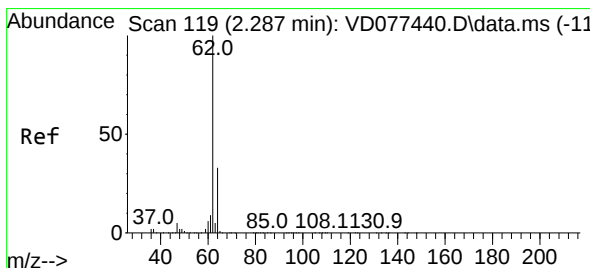
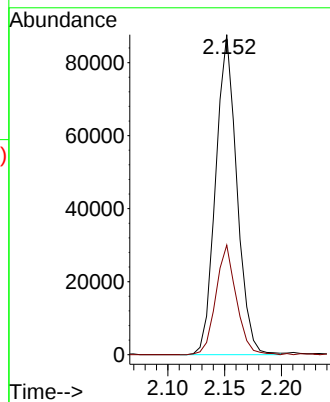
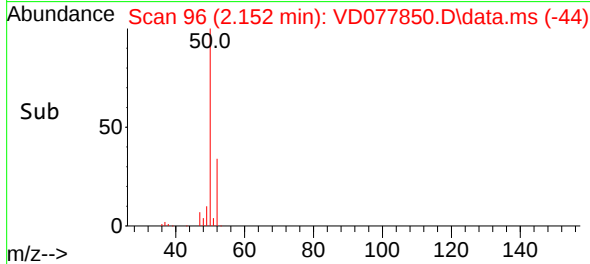
Instrument :
MSVOA_D
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VSTDCCC050EC



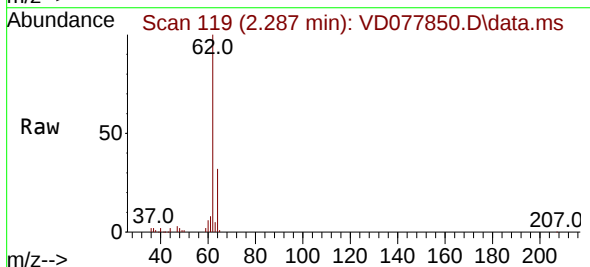
Tgt Ion: 50 Resp: 114020
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

Manual Integrations
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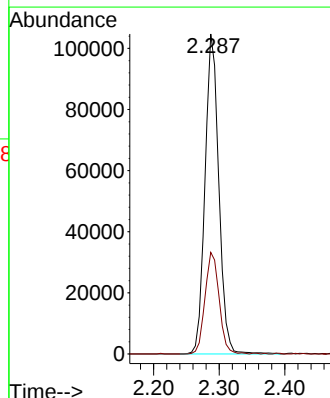
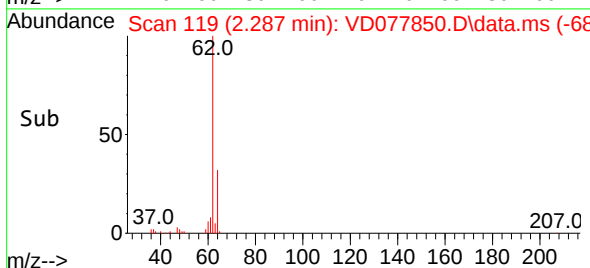
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#4
Vinyl Chloride
Concen: 51.522 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



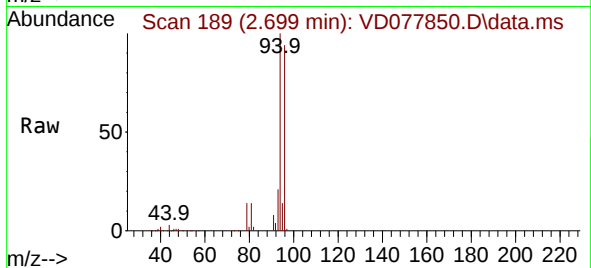
Tgt Ion: 62 Resp: 153641
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5
Bromomethane
Concen: 59.296 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

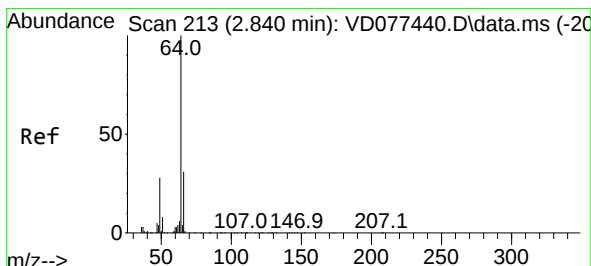
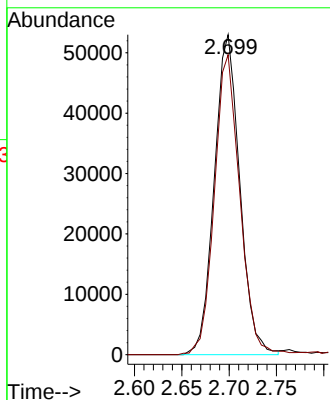
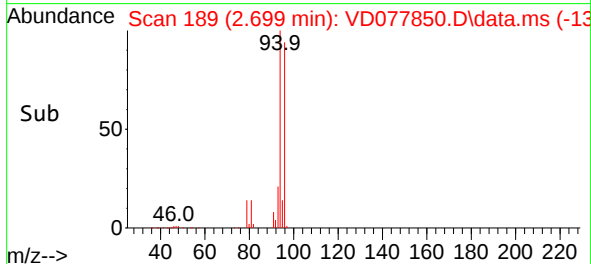
Instrument :
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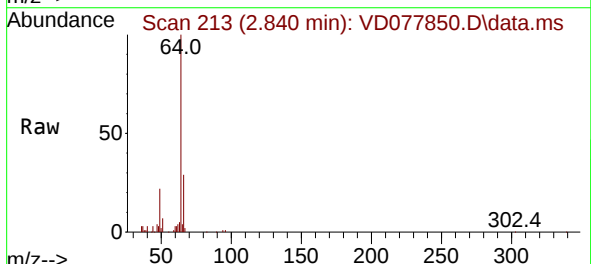
Tgt Ion: 94 Resp: 99219
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8

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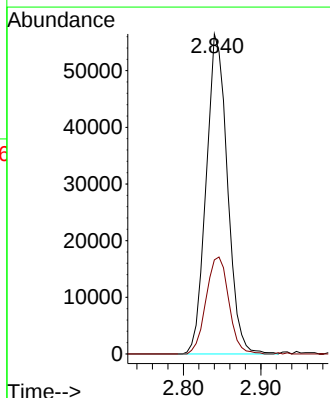
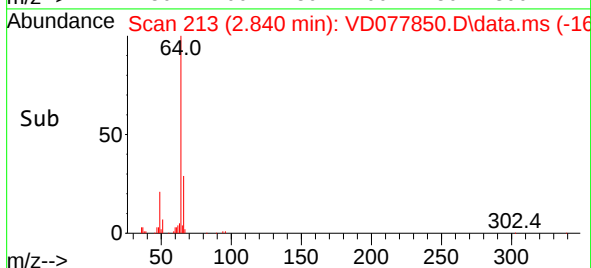
Reviewed By :Mahesh Dadoda 12/13/2023
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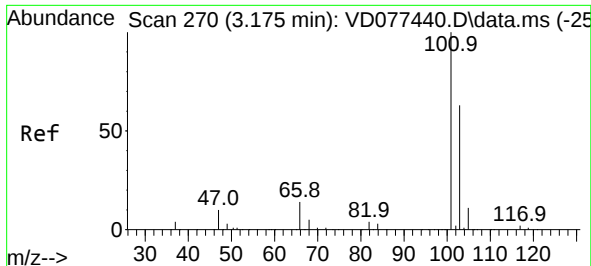


#6
Chloroethane
Concen: 52.912 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



Tgt Ion: 64 Resp: 107573
Ion Ratio Lower Upper
64 100
66 29.4 25.5 38.3





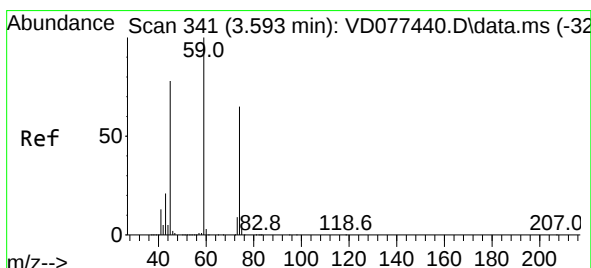
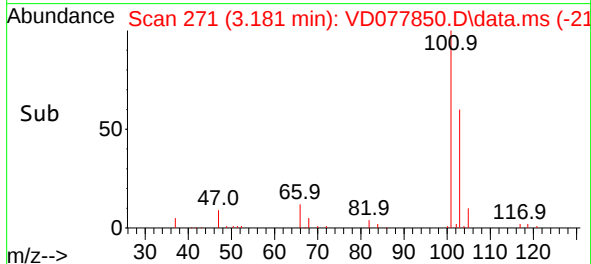
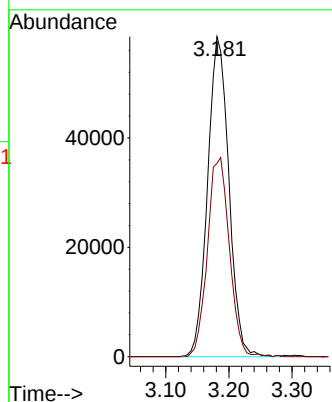
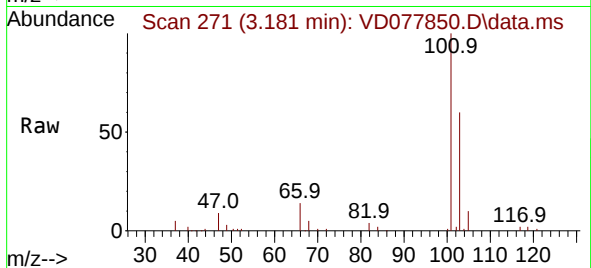
#7
Trichlorofluoromethane
Concen: 49.852 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 136910
Ion Ratio Lower Upper
101 100
103 60.5 52.3 78.5

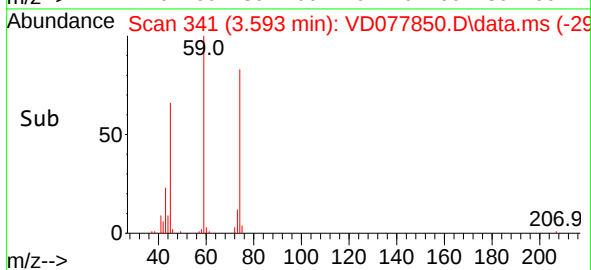
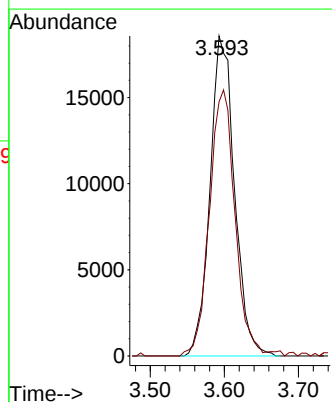
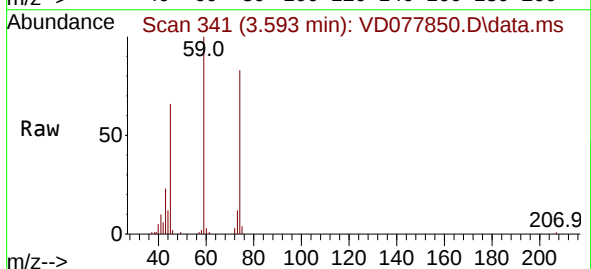
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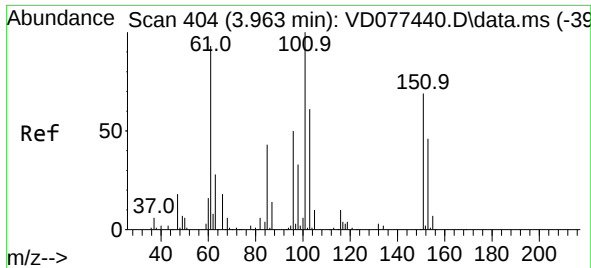
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#8
Diethyl Ether
Concen: 55.283 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 74 Resp: 42634
Ion Ratio Lower Upper
74 100
45 86.7 37.5 112.7





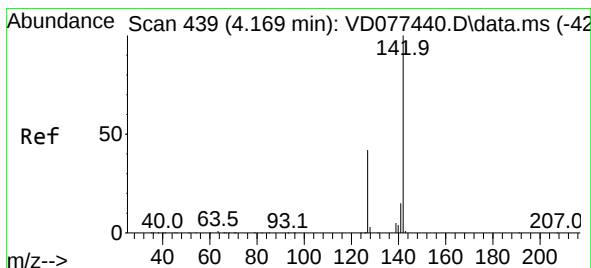
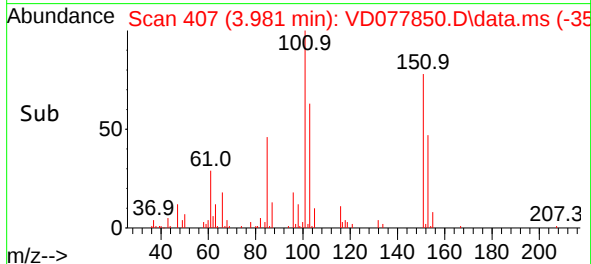
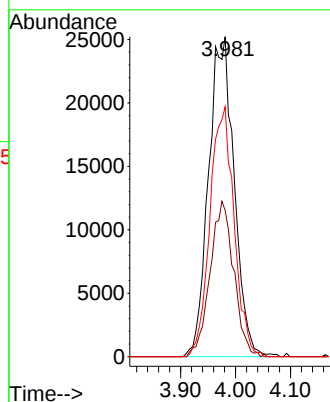
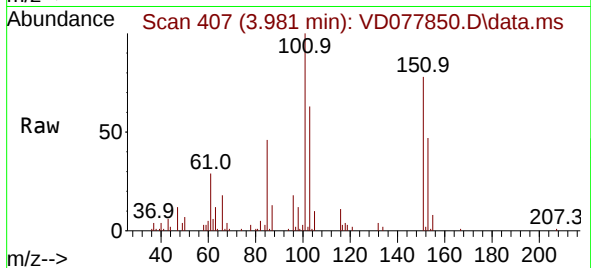
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.869 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8149
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 73.4 59.8 89.6

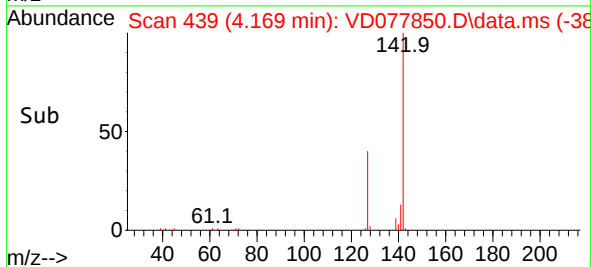
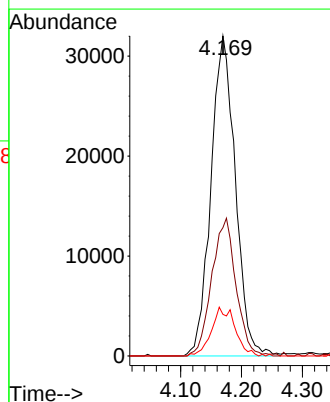
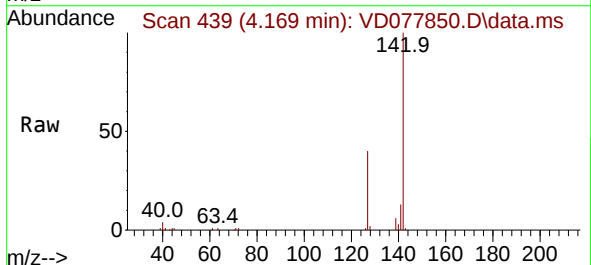
Manual Integrations
APPROVED

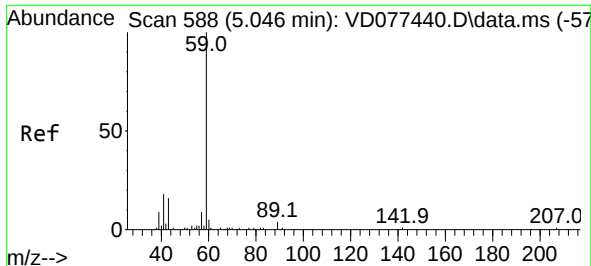
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#10
Methyl Iodide
Concen: 62.823 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

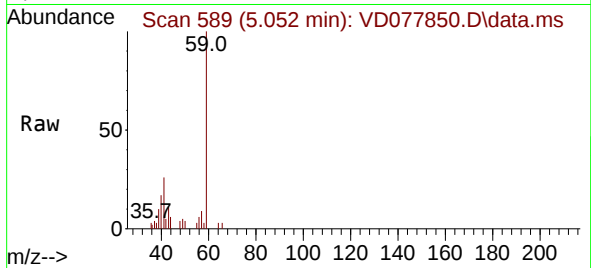
Tgt Ion:142 Resp: 89262
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 272.983 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

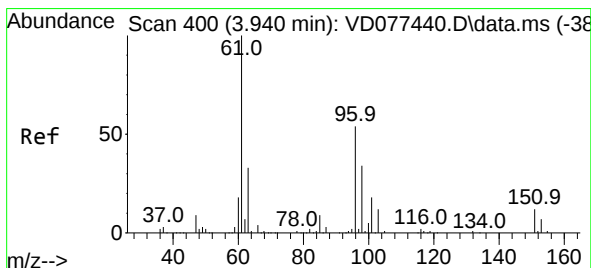
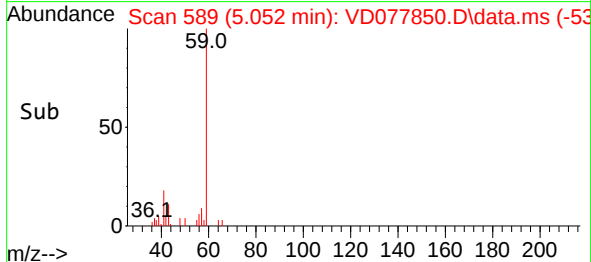
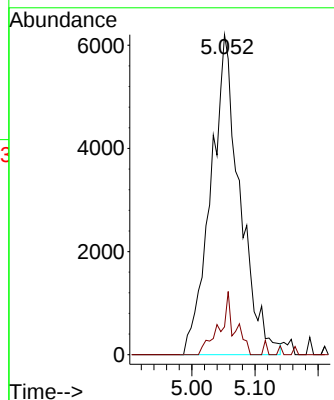
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 19908
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

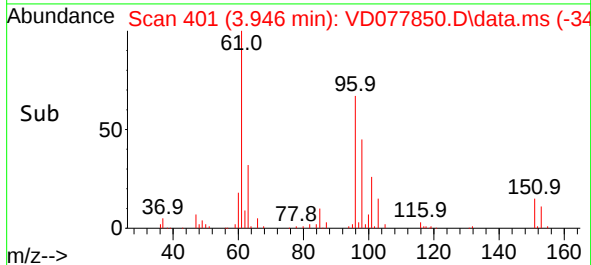
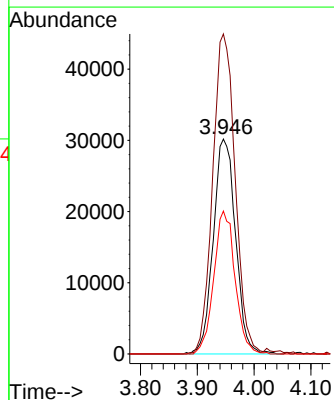
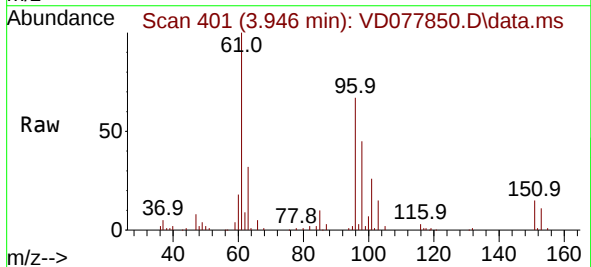
Manual Integrations
APPROVED

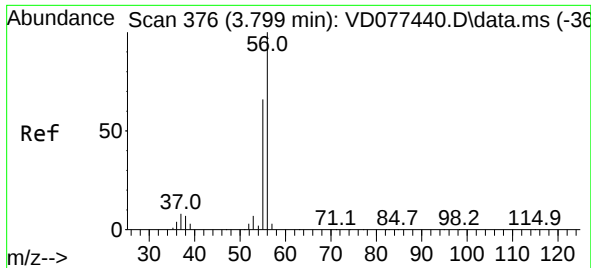
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#12
1,1-Dichloroethene
Concen: 52.986 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

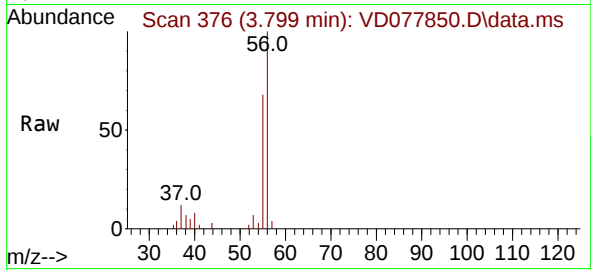
Tgt Ion: 96 Resp: 82167
Ion Ratio Lower Upper
96 100
61 148.9 100.6 150.8
98 66.5 50.2 75.2





#13
Acrolein
Concen: 217.255 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

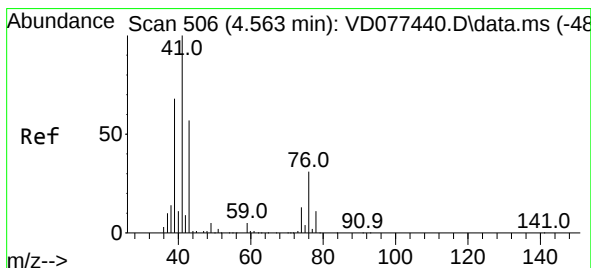
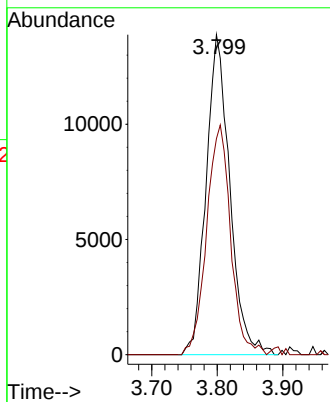
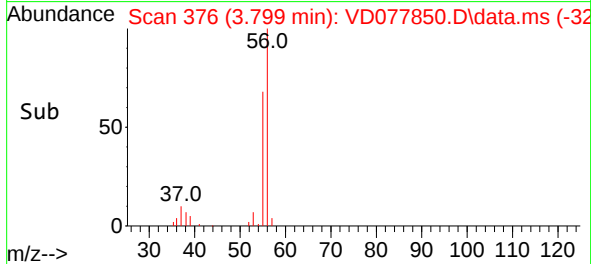
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



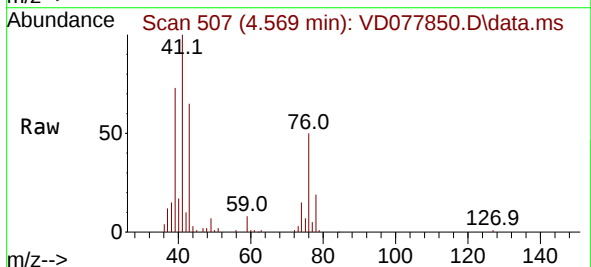
Tgt Ion: 56 Resp: 34930
Ion Ratio Lower Upper
56 100
55 72.5 55.1 82.7

Manual Integrations
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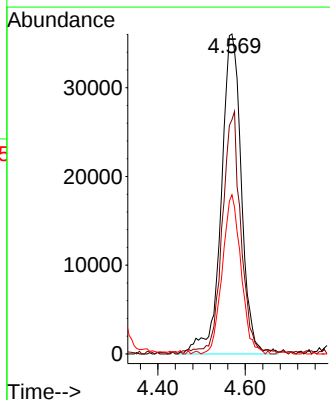
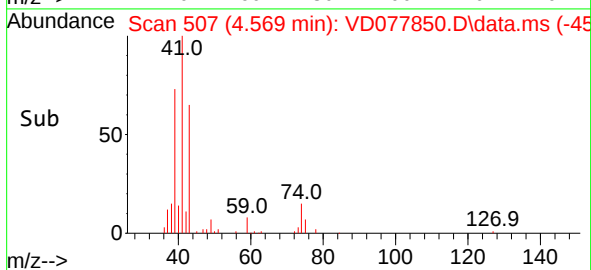
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

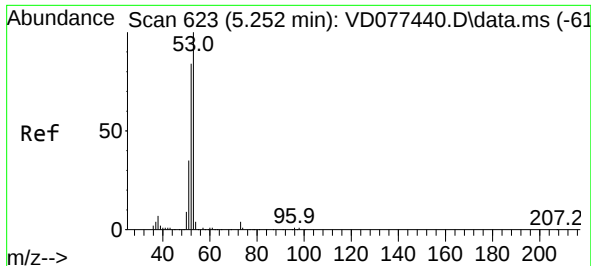


#14
Allyl chloride
Concen: 53.942 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



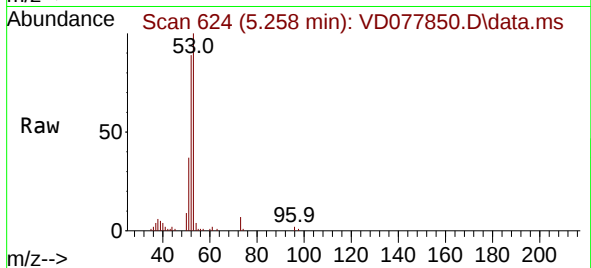
Tgt Ion: 41 Resp: 115045
Ion Ratio Lower Upper
41 100
39 70.2 53.8 80.6
76 46.3 45.8 68.8





#15
Acrylonitrile
Concen: 290.052 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

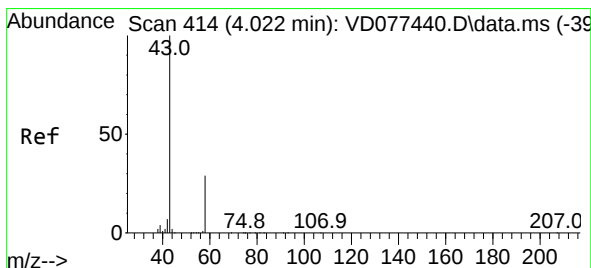
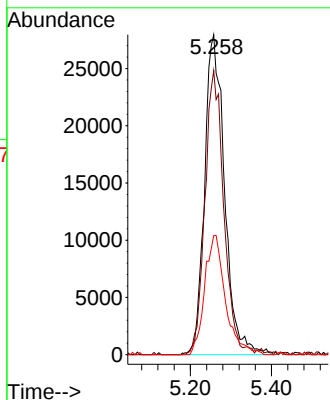
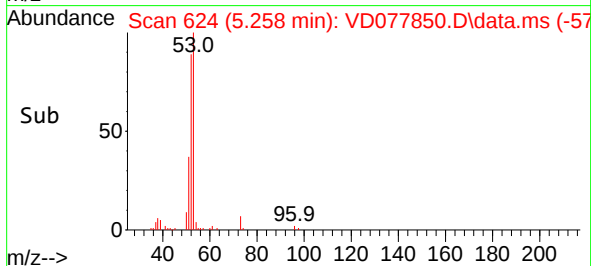
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 95774
Ion Ratio Lower Upper
53 100
52 83.6 65.0 97.4
51 38.7 28.3 42.5

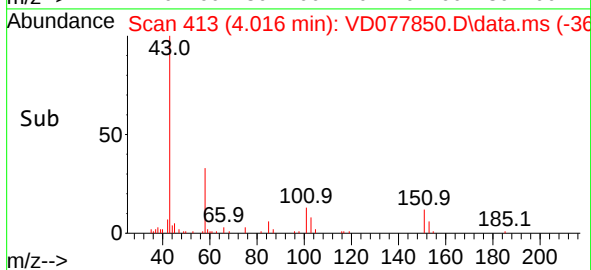
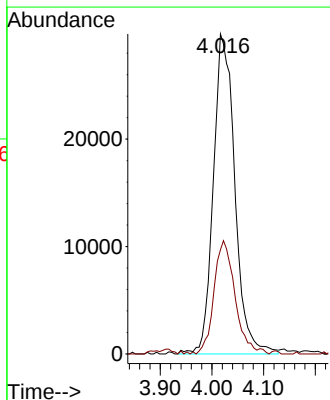
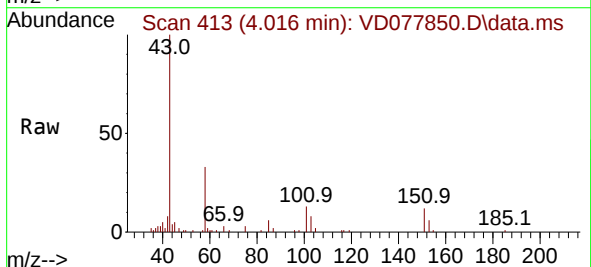
Manual Integrations
APPROVED

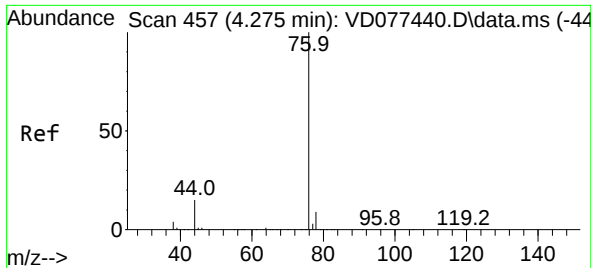
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#16
Acetone
Concen: 264.371 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

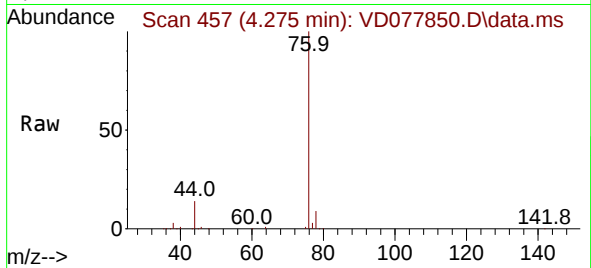
Tgt Ion: 43 Resp: 86260
Ion Ratio Lower Upper
43 100
58 32.6 34.7 52.1#





#17
Carbon Disulfide
Concen: 50.638 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

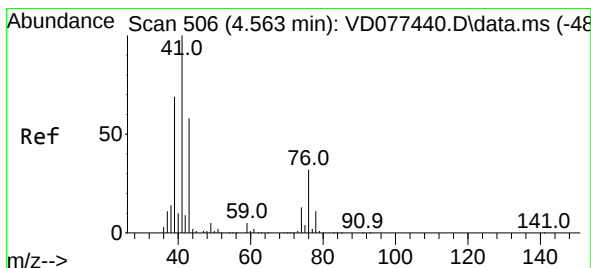
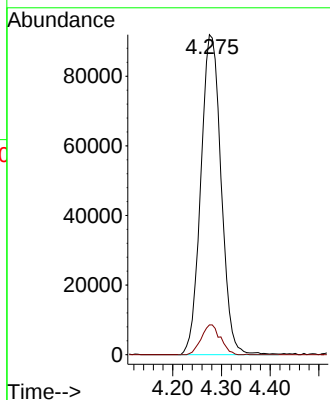
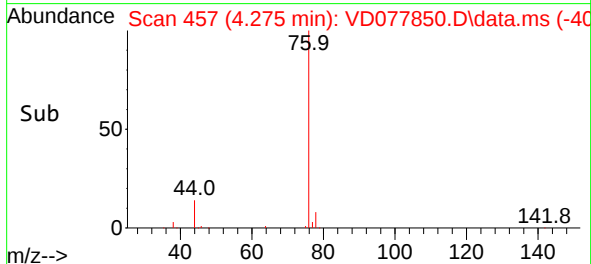
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 26566
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

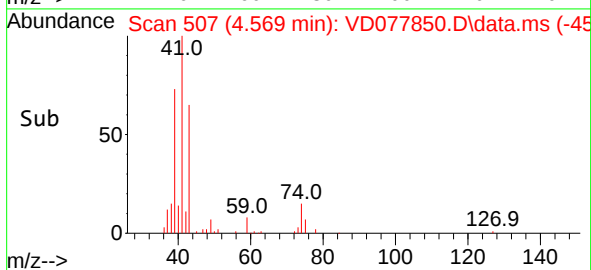
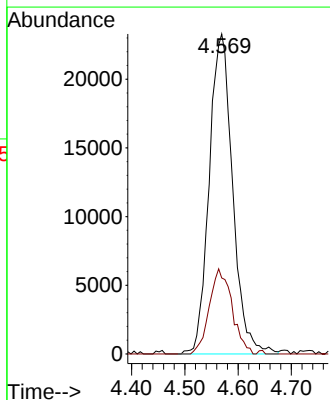
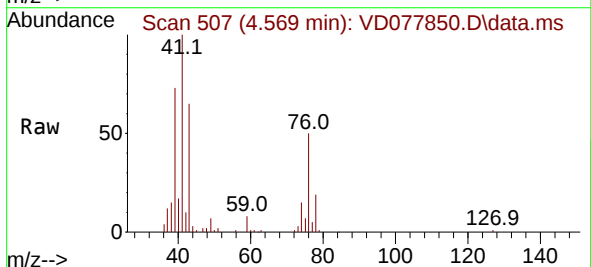
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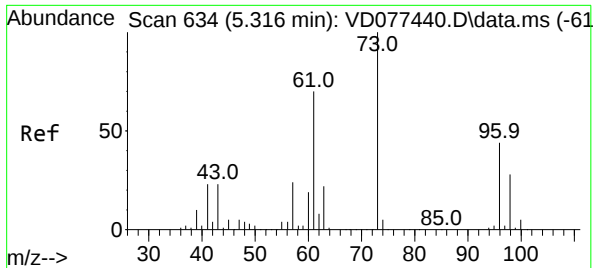
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#18
Methyl Acetate
Concen: 59.368 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

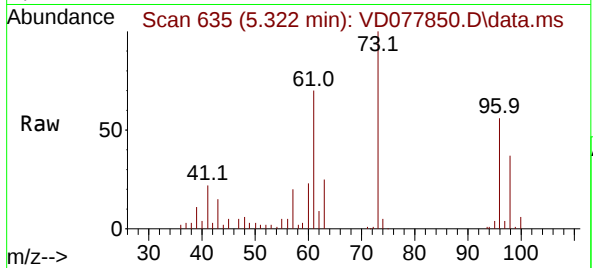
Tgt Ion: 43 Resp: 71076
Ion Ratio Lower Upper
43 100
74 25.7 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 57.153 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

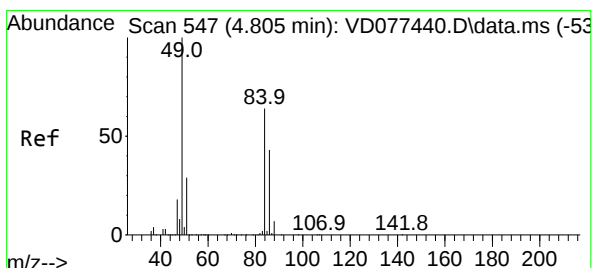
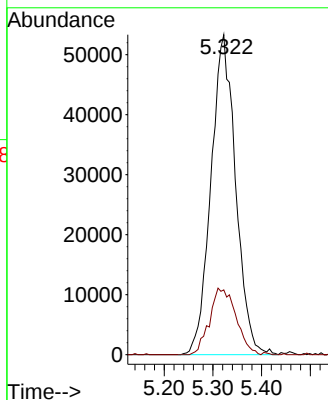
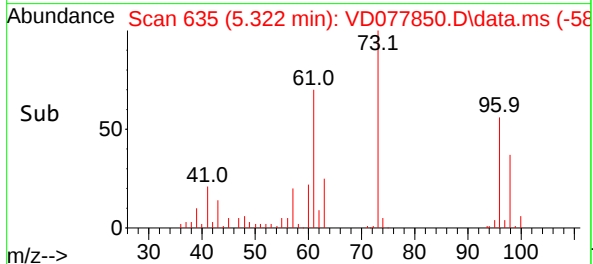
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 18803
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

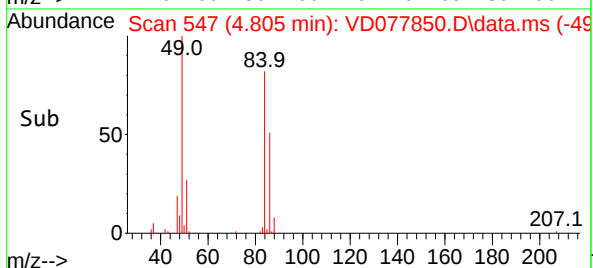
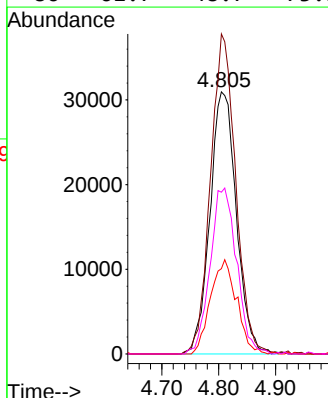
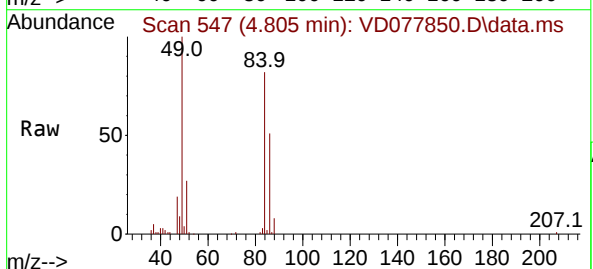
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#20
Methylene Chloride
Concen: 56.221 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

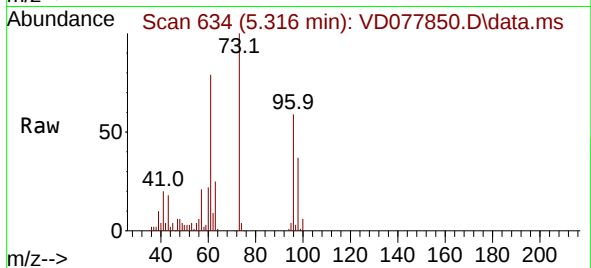
Tgt Ion: 84 Resp: 100130
Ion Ratio Lower Upper
84 100
49 122.1 71.4 107.2#
51 32.5 24.5 36.7
86 61.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 54.953 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

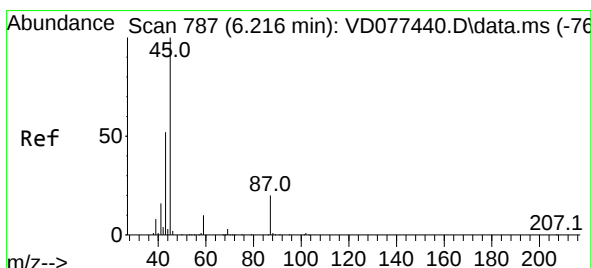
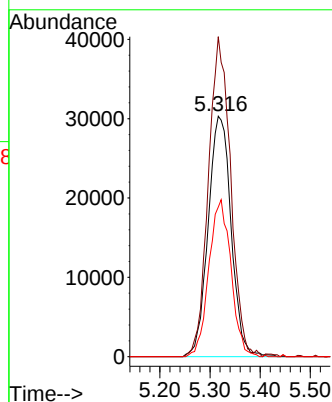
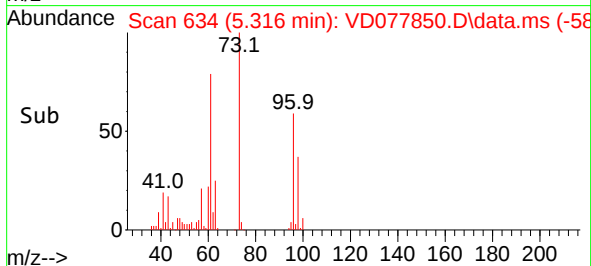
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 9652
Ion Ratio Lower Upper
96 100
61 133.0 89.3 133.9
98 62.2 48.6 73.0

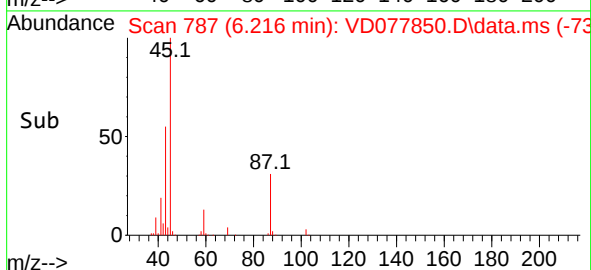
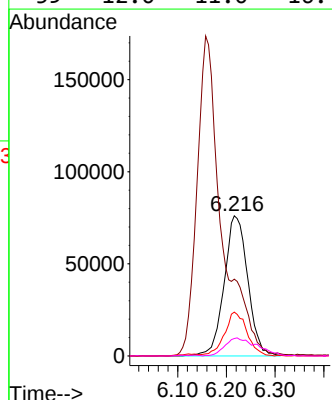
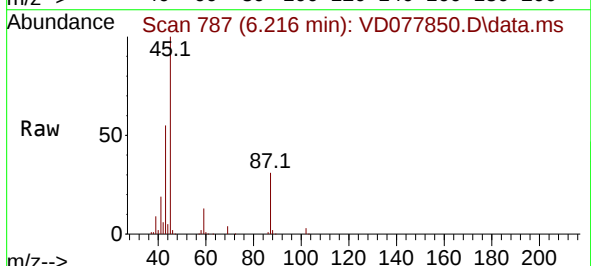
Manual Integrations
APPROVED

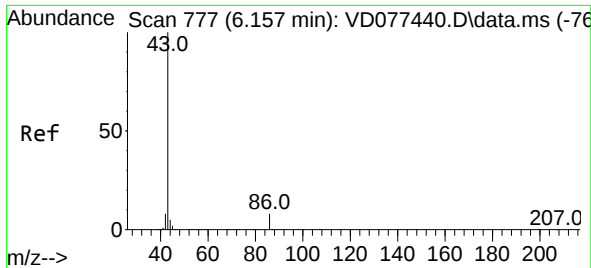
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#22
Diisopropyl ether
Concen: 57.287 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 45 Resp: 255324
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 31.0 28.2 42.4
59 12.0 11.0 16.4





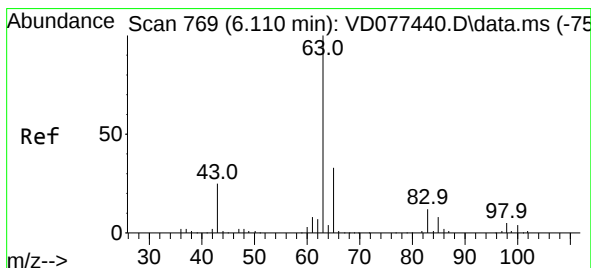
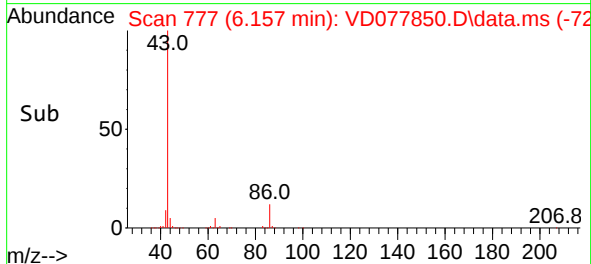
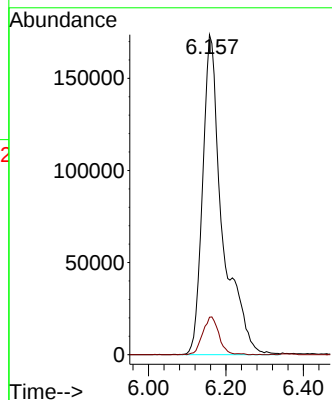
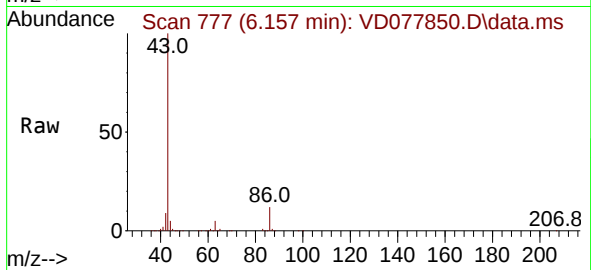
#23
 Vinyl Acetate
 Concen: 282.961 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 615860
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7

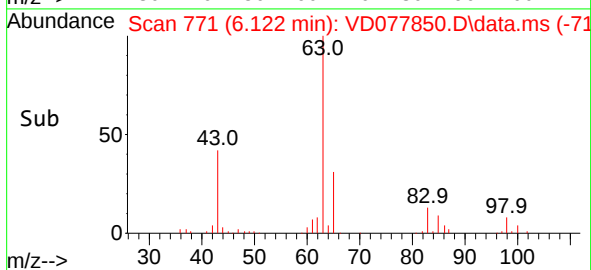
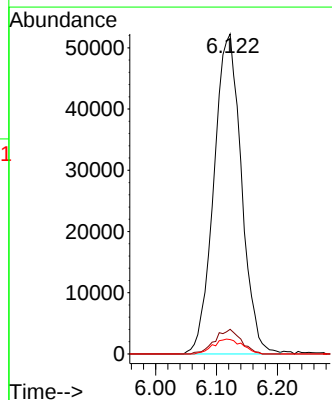
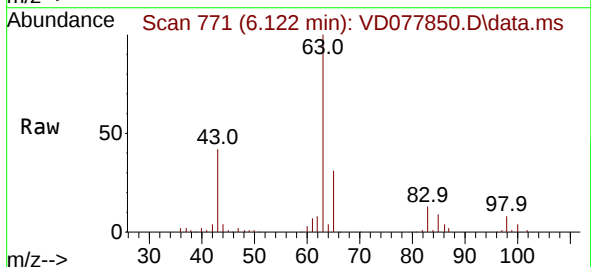
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 54.421 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

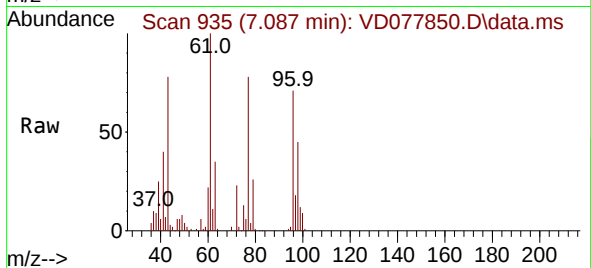
Tgt Ion: 63 Resp: 164255
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.5 2.5 7.5





#25
2-Butanone
Concen: 279.272 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

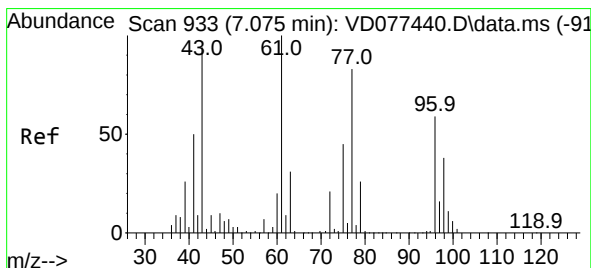
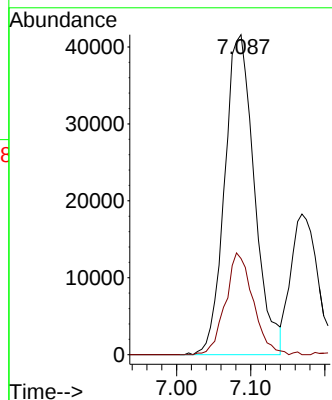
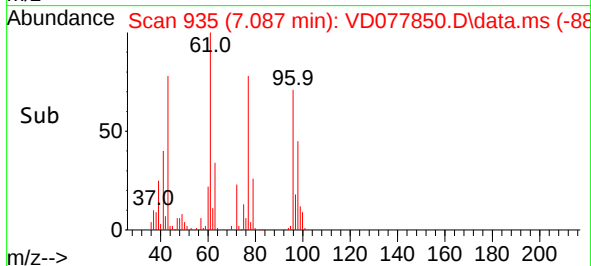
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 11596
Ion Ratio Lower Upper
43 100
72 30.1 30.7 46.1

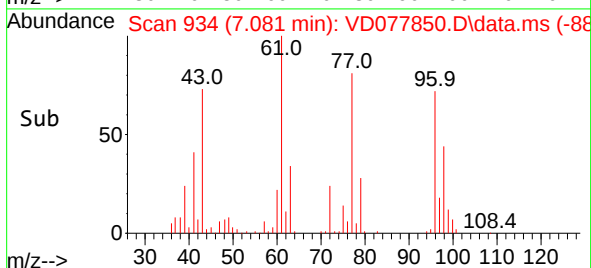
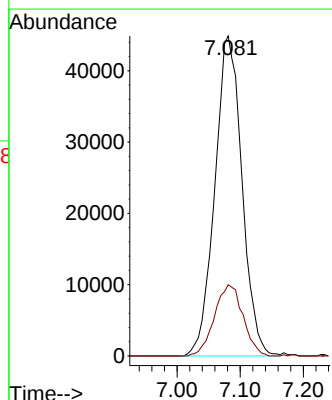
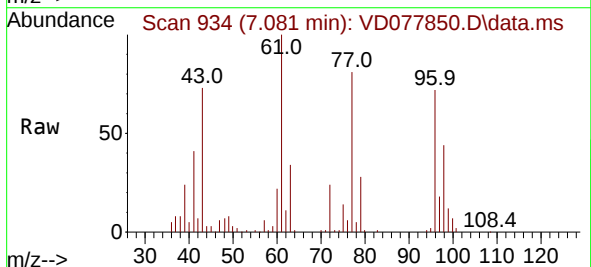
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#26
2,2-Dichloropropane
Concen: 52.854 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

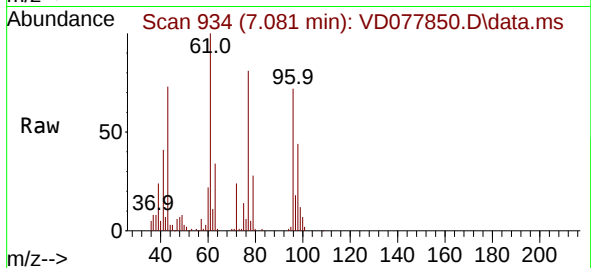
Tgt Ion: 77 Resp: 133938
Ion Ratio Lower Upper
77 100
97 23.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 57.755 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

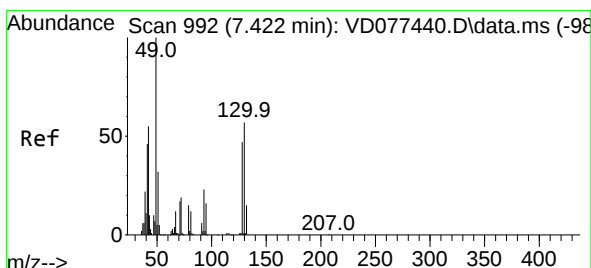
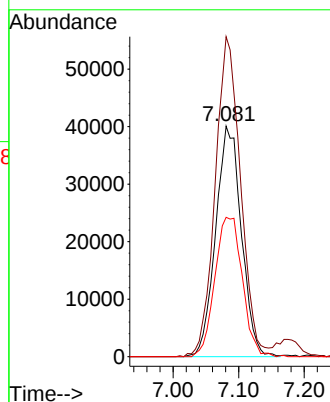
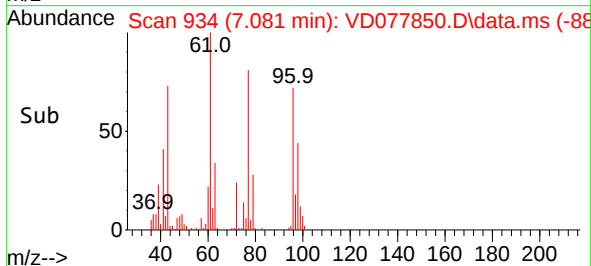
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 10915
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 239.2
 98 64.5 0.0 128.6

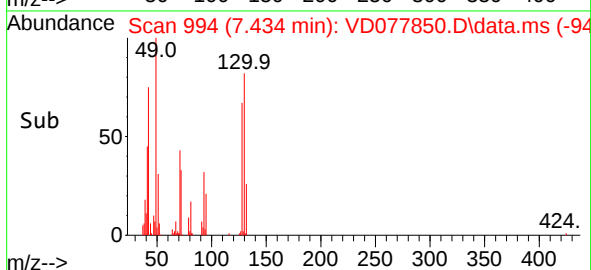
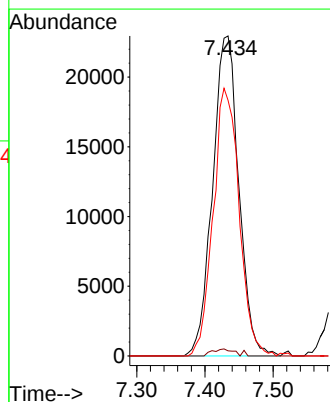
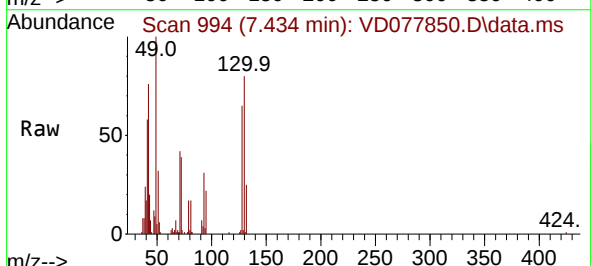
Manual Integrations
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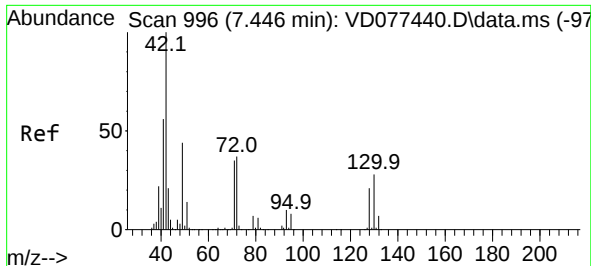
Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023



#28
 Bromochloromethane
 Concen: 50.372 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

Tgt Ion: 49 Resp: 61434
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 82.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 291.436 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

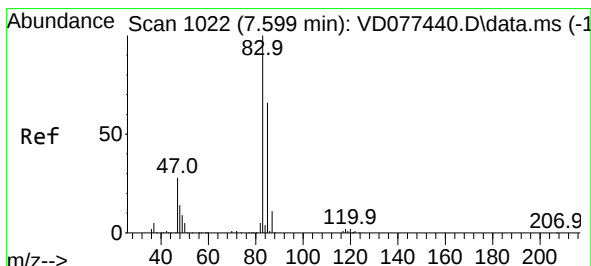
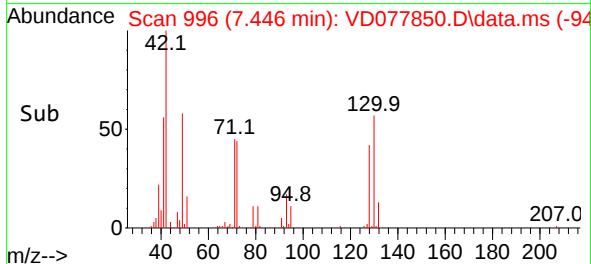
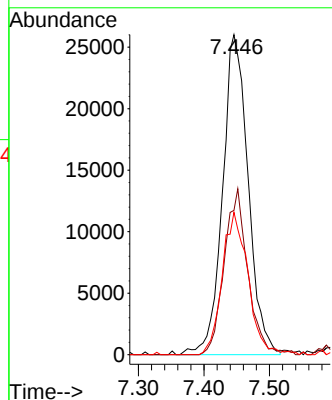
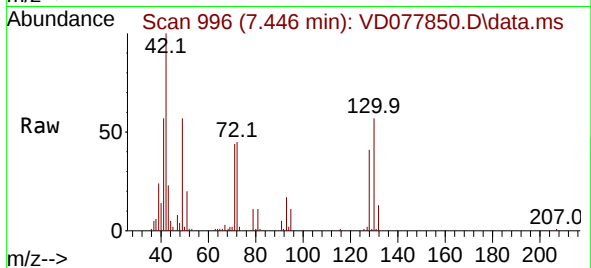
VSTDCCC050EC

Tgt Ion:	42	Resp:	70549
Ion Ratio	Lower	Upper	
42	100		
72	47.9	46.5	69.7
71	45.1	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#30

Chloroform

Concen: 56.632 ug/l

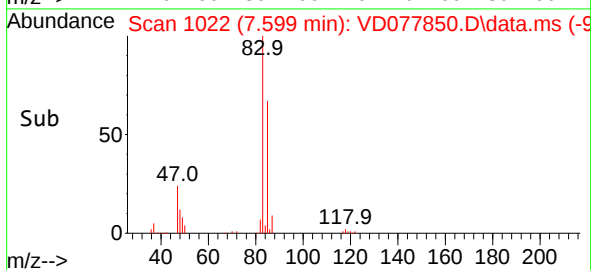
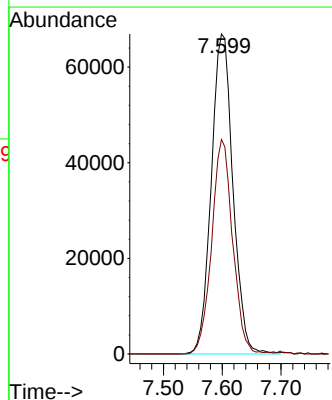
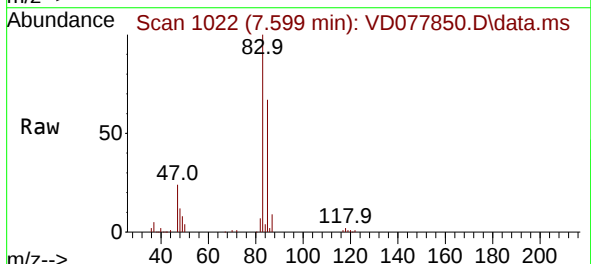
RT: 7.599 min Scan# 1022

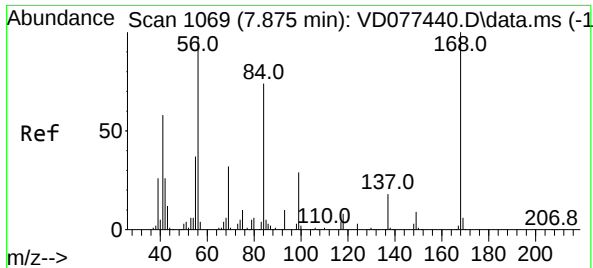
Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

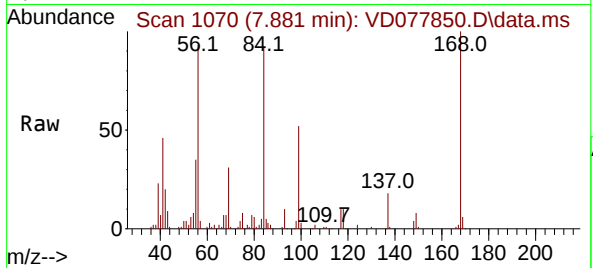
Tgt Ion:	83	Resp:	171070
Ion Ratio	Lower	Upper	
83	100		
85	67.1	53.4	80.2





#31
Cyclohexane
Concen: 49.562 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

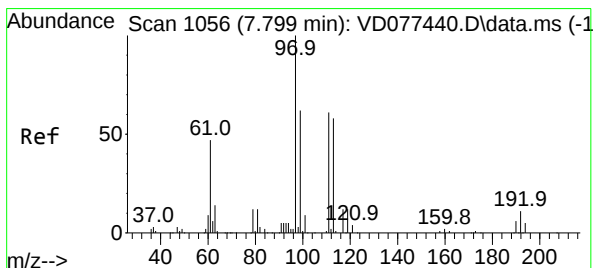
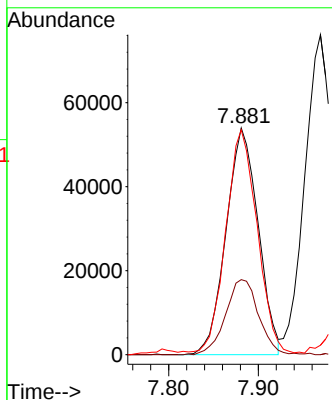
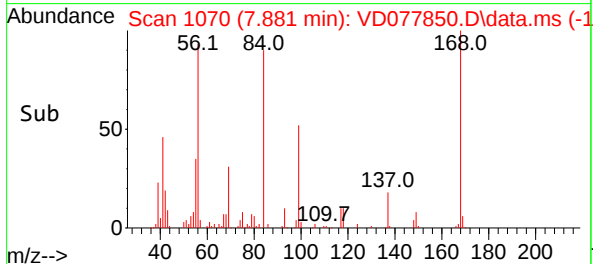
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 134010
Ion Ratio Lower Upper
56 100
69 33.1 28.6 43.0
84 98.2 84.8 127.2

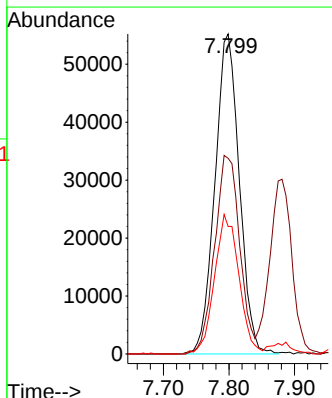
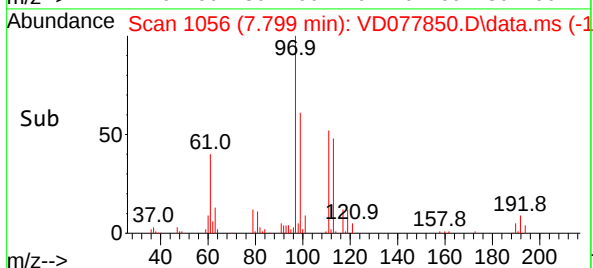
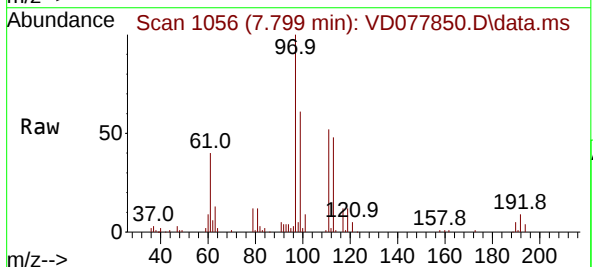
Manual Integrations
APPROVED

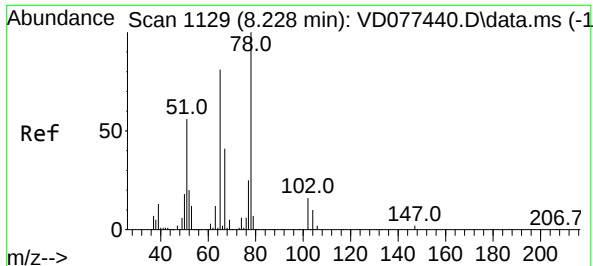
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#32
1,1,1-Trichloroethane
Concen: 53.524 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 97 Resp: 142532
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 43.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.331 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 81072

Ion Ratio Lower Upper

65 100

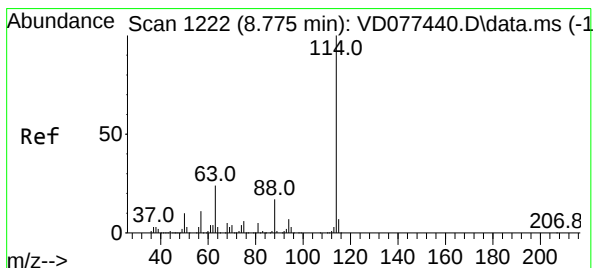
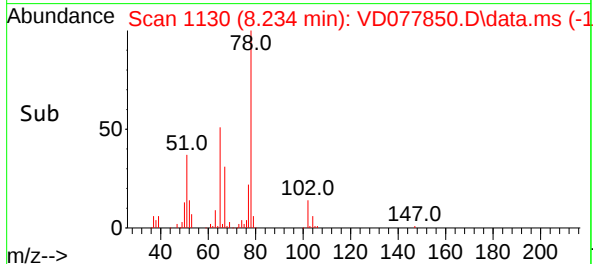
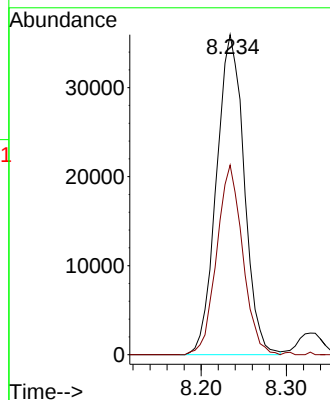
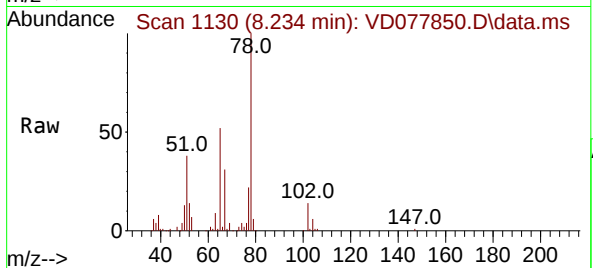
67 55.6 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

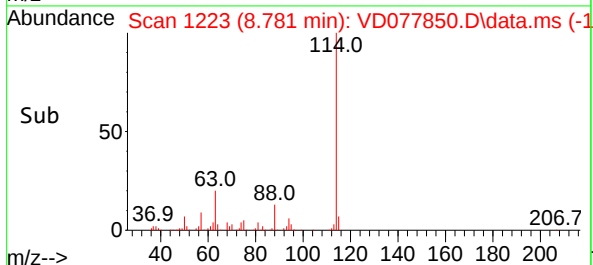
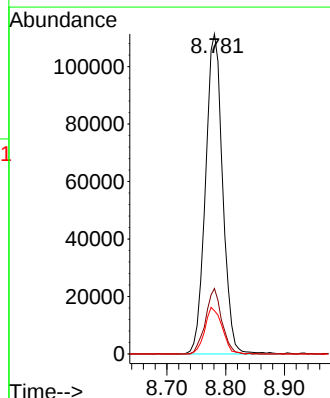
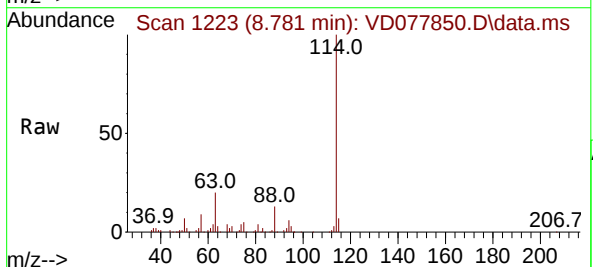
Tgt Ion:114 Resp: 225840

Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.256 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

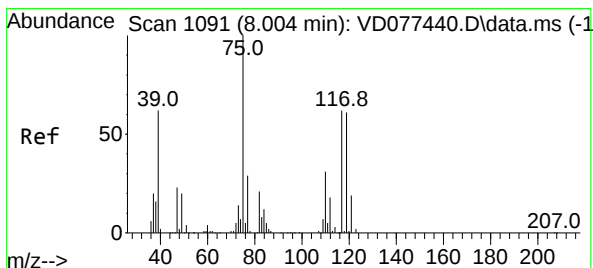
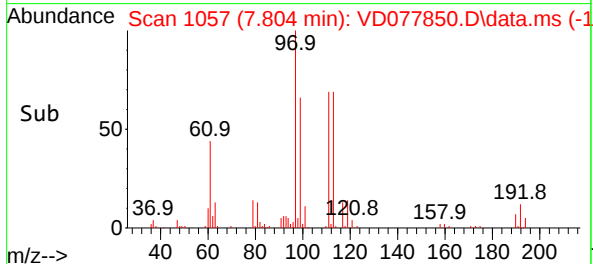
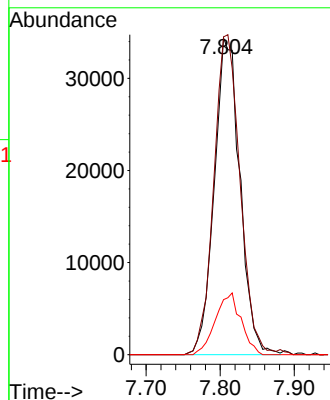
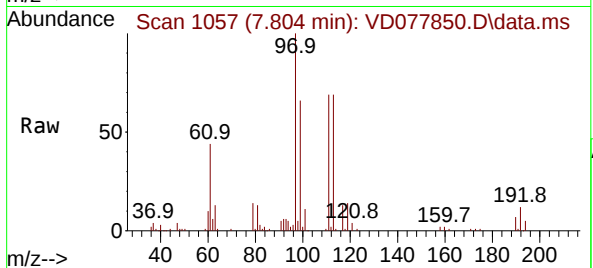
Tgt Ion:113 Resp: 8266

Ion	Ratio	Lower	Upper
113	100		
111	103.6	84.7	127.1
192	19.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#36

1,1-Dichloropropene

Concen: 51.819 ug/l

RT: 8.010 min Scan# 1092

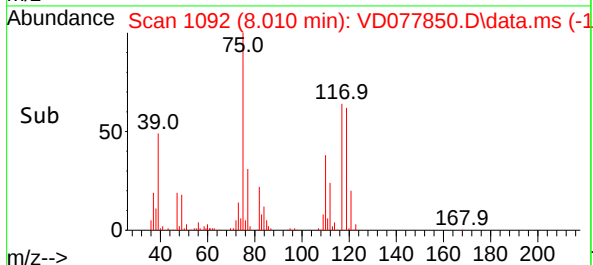
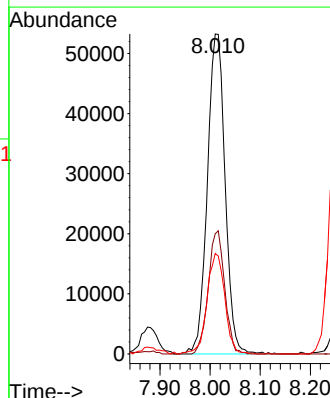
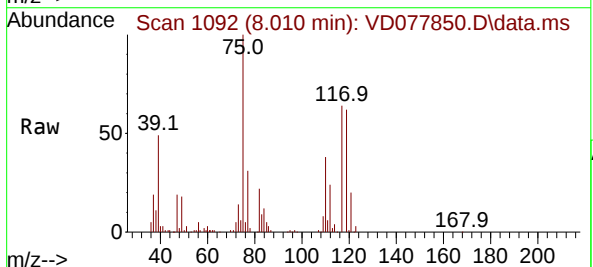
Delta R.T. 0.006 min

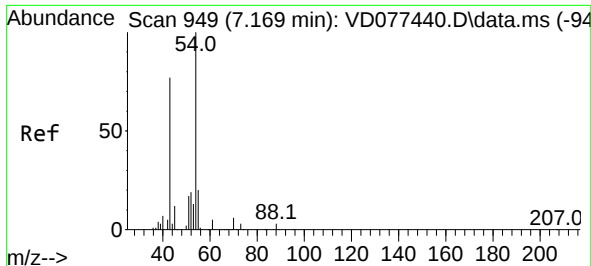
Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Tgt Ion: 75 Resp: 131123

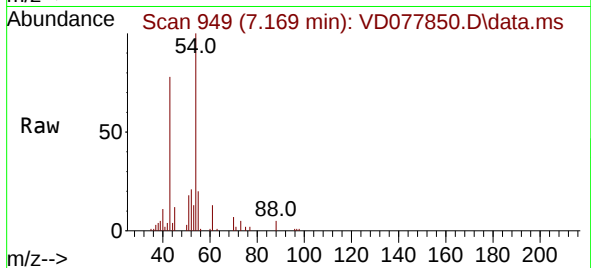
Ion	Ratio	Lower	Upper
75	100		
110	35.7	19.9	59.6
77	31.4	24.7	37.1





#37
Ethyl Acetate
Concen: 48.734 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

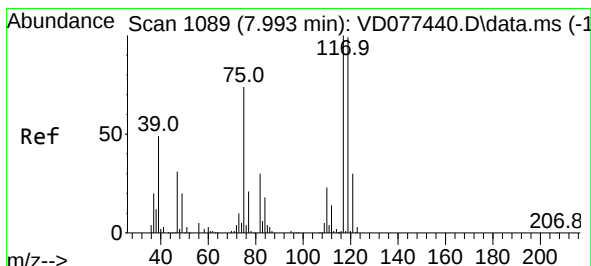
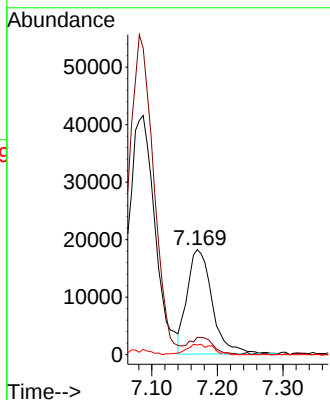
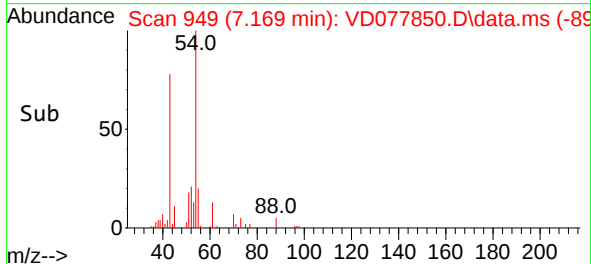
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4808
Ion Ratio Lower Upper
43 100
61 16.2 14.9 22.3
70 10.7 10.0 15.0

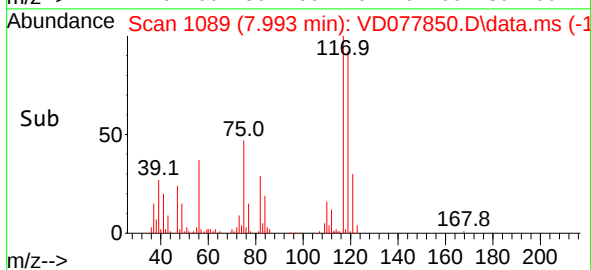
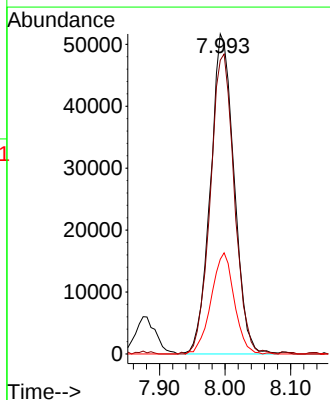
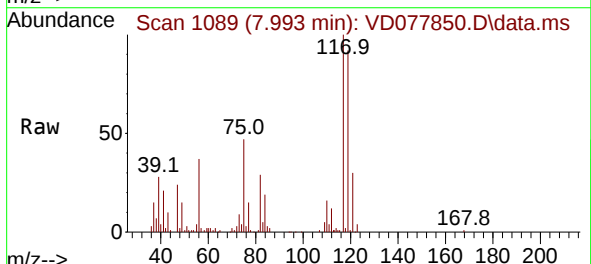
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#38
Carbon Tetrachloride
Concen: 51.375 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:117 Resp: 129601
Ion Ratio Lower Upper
117 100
119 91.8 78.0 117.0
121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 53.639 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 16090

Ion Ratio Lower Upper

83 100

55 69.9 49.4 74.0

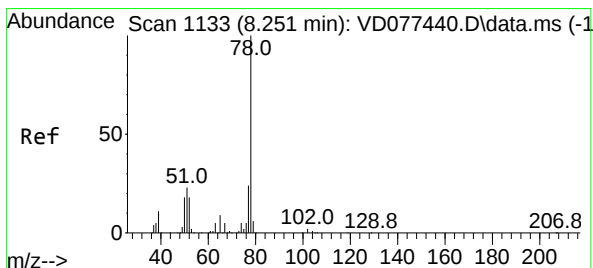
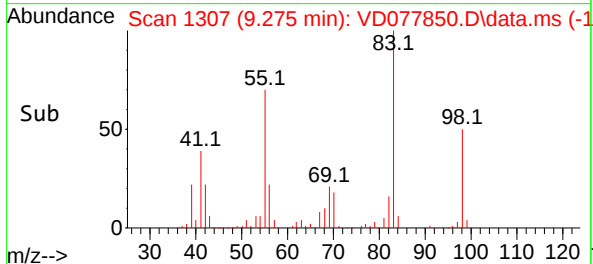
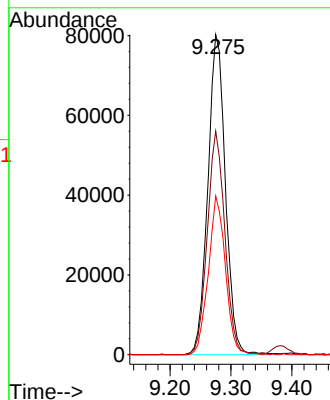
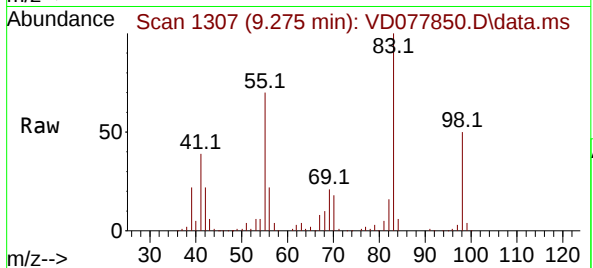
98 49.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#40

Benzene

Concen: 55.006 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077850.D

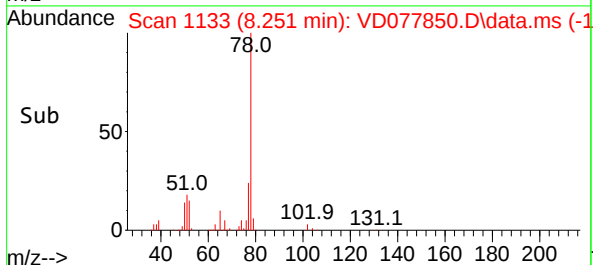
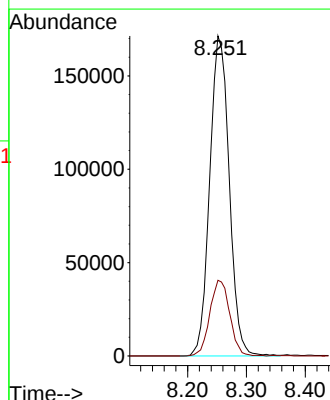
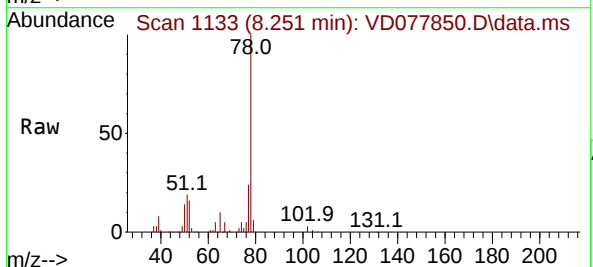
Acq: 12 Dec 2023 18:49

Tgt Ion: 78 Resp: 395042

Ion Ratio Lower Upper

78 100

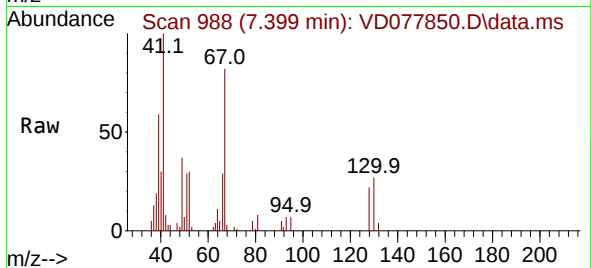
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 61.383 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

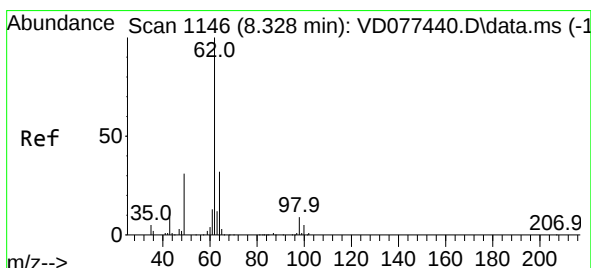
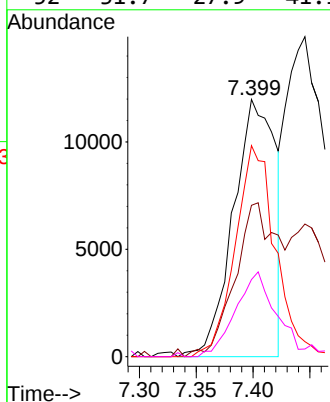
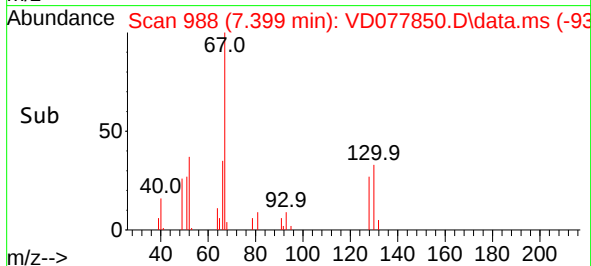
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3078
Ion Ratio Lower Upper
41 100
39 61.6 34.0 51.0
67 78.8 77.0 115.4
52 31.7 27.9 41.9

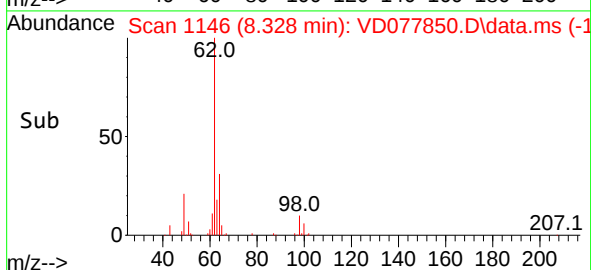
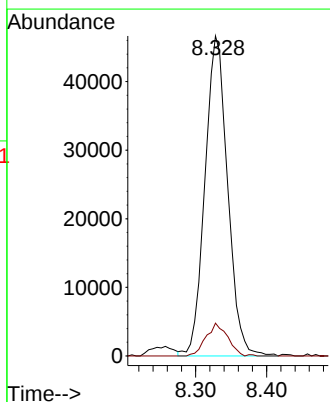
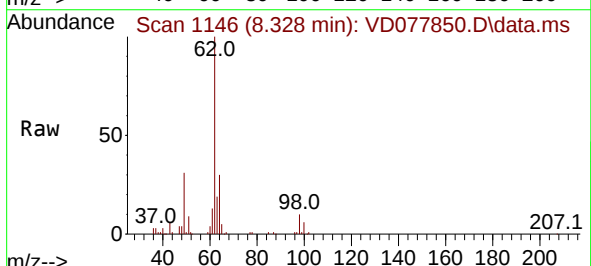
Manual Integrations
APPROVED

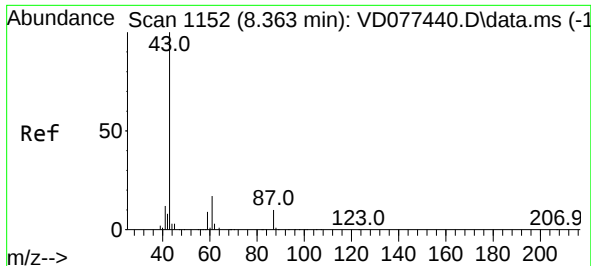
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#42
1,2-Dichloroethane
Concen: 55.639 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

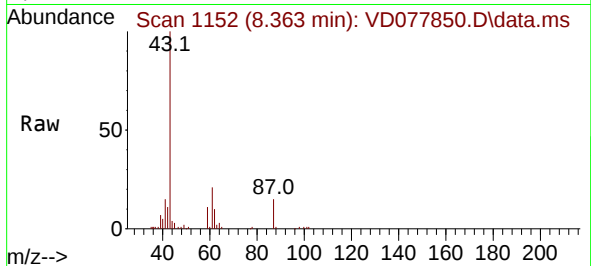
Tgt Ion: 62 Resp: 103579
Ion Ratio Lower Upper
62 100
98 9.8 0.0 25.4





#43
Isopropyl Acetate
Concen: 54.855 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

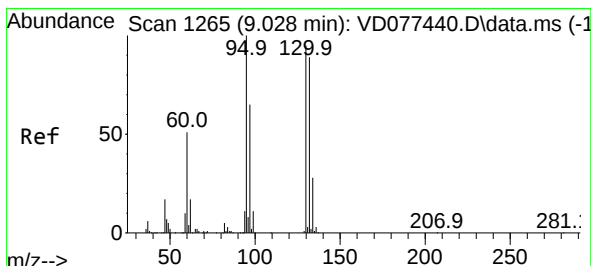
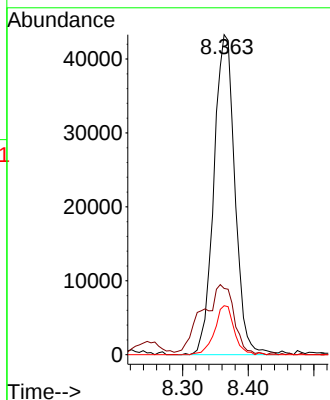
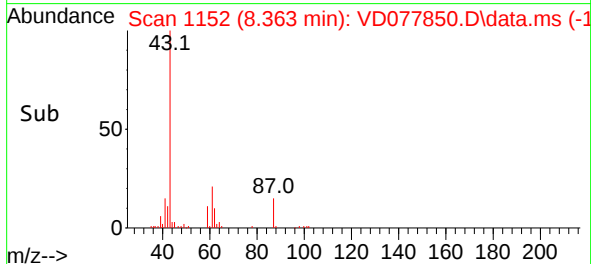
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



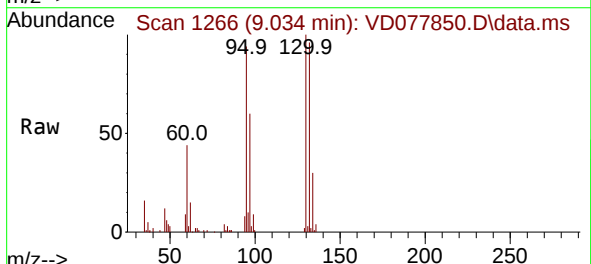
Tgt Ion: 43 Resp: 9621
Ion Ratio Lower Upper
43 100
61 33.4 31.4 47.0
87 14.1 14.9 22.3

Manual Integrations
APPROVED

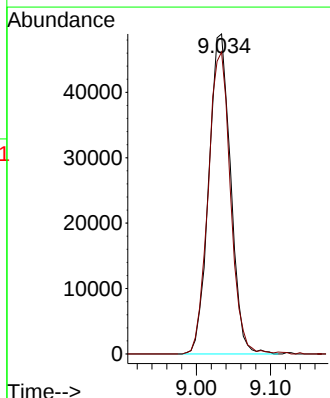
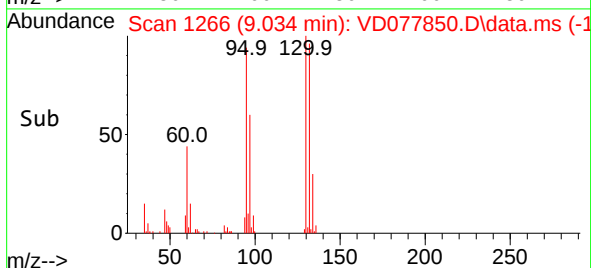
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

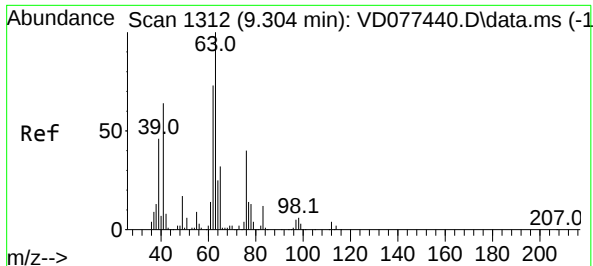


#44
Trichloroethene
Concen: 53.364 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



Tgt Ion:130 Resp: 99873
Ion Ratio Lower Upper
130 100
95 94.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.744 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9732

Ion Ratio Lower Upper

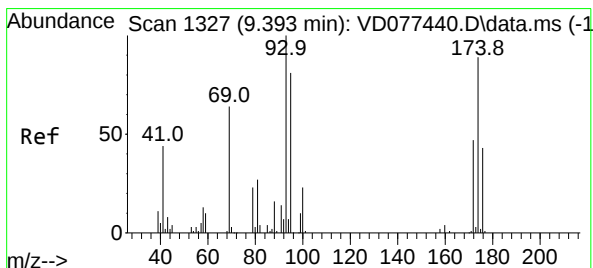
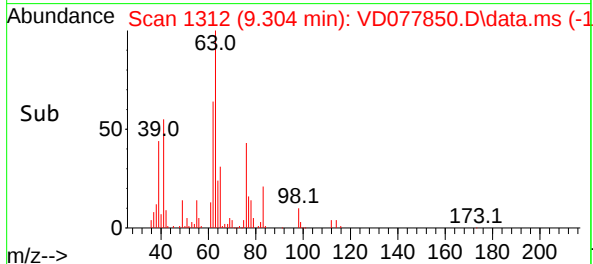
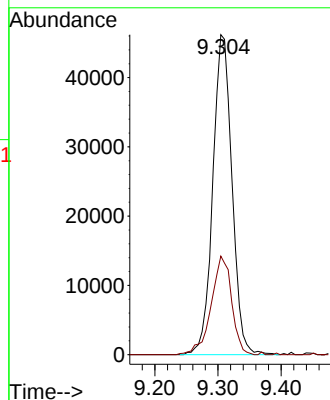
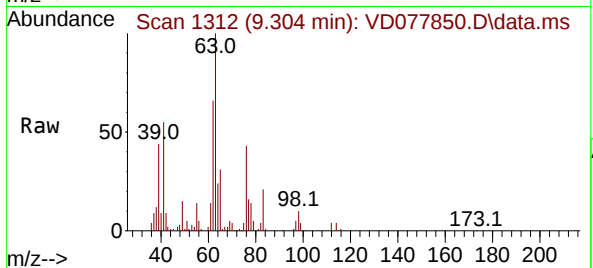
63 100

65 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#46

Dibromomethane

Concen: 56.645 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

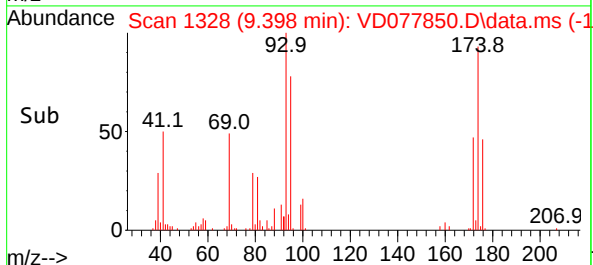
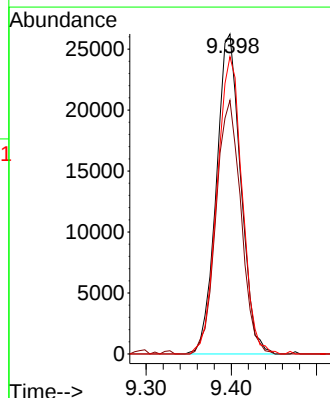
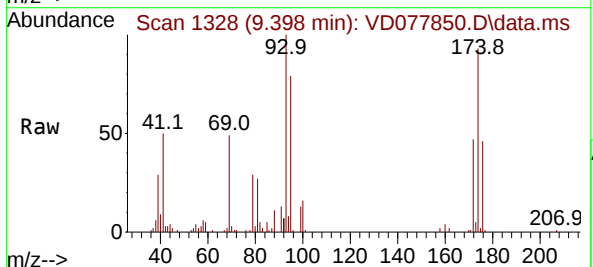
Tgt Ion: 93 Resp: 52326

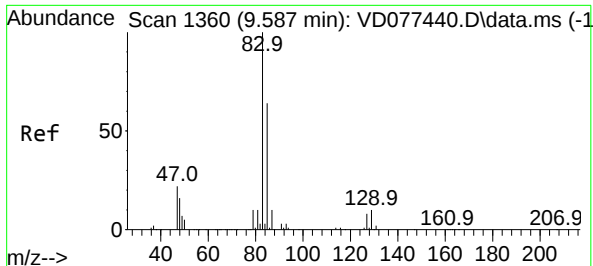
Ion Ratio Lower Upper

93 100

95 80.7 67.7 101.5

174 95.2 85.4 128.2





#47

Bromodichloromethane

Concen: 54.781 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

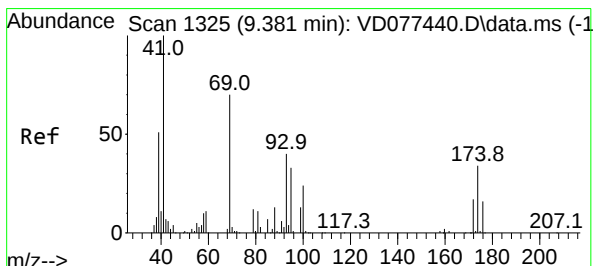
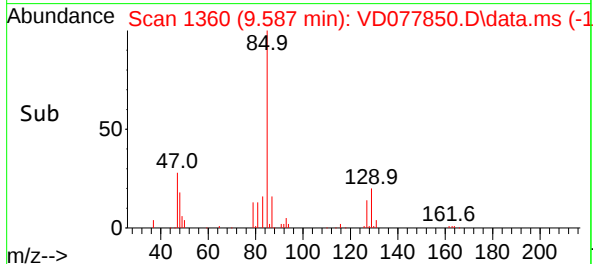
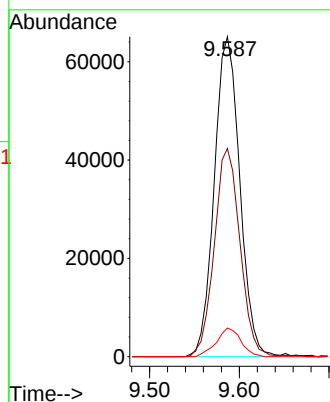
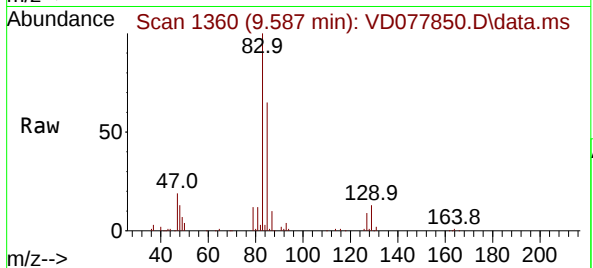
Tgt Ion: 83 Resp: 128260

Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.2	75.4
127	8.9	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#48

Methyl methacrylate

Concen: 56.310 ug/l

RT: 9.381 min Scan# 1325

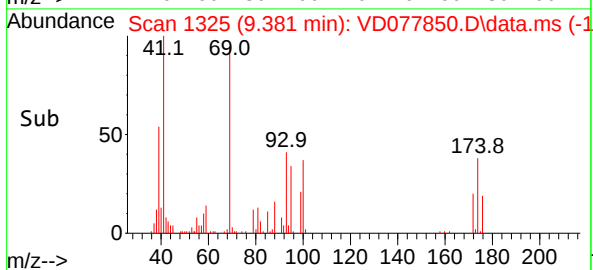
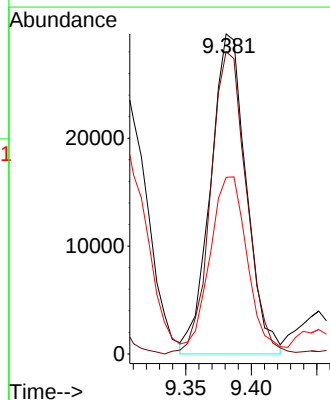
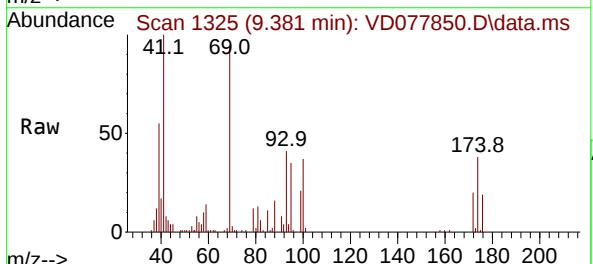
Delta R.T. -0.000 min

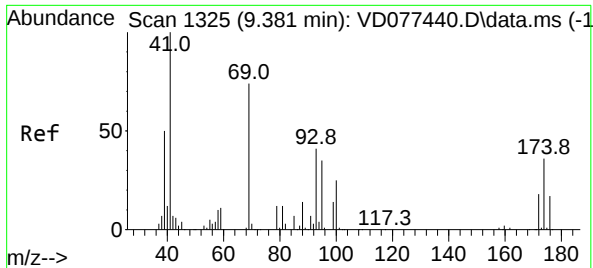
Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Tgt Ion: 41 Resp: 56141

Ion	Ratio	Lower	Upper
41	100		
69	94.3	102.2	153.2#
39	58.7	41.4	62.2





#49

1,4-Dioxane

Concen: 1038.412 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

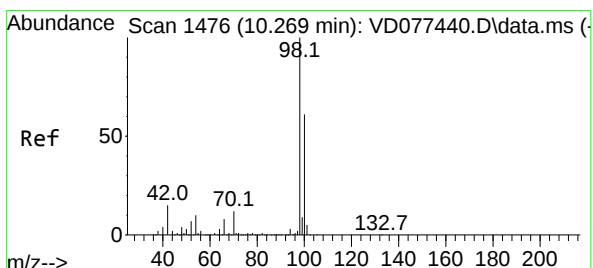
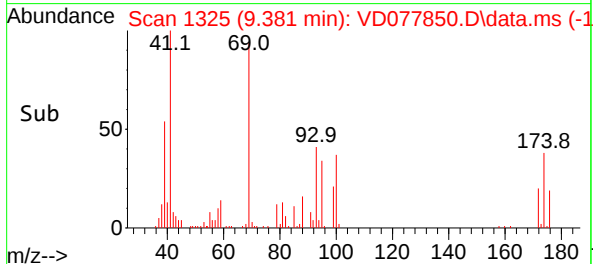
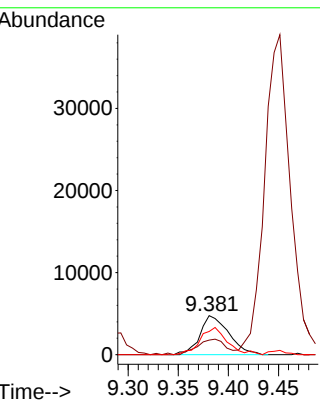
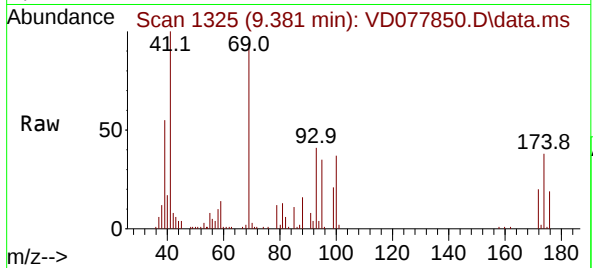
Tgt Ion: 88 Resp: 952

Ion	Ratio	Lower	Upper
88	100		
43	38.0	19.0	28.6
58	65.3	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#50

Toluene-d8

Concen: 53.057 ug/l

RT: 10.275 min Scan# 1477

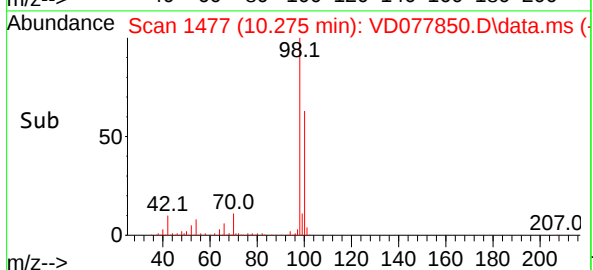
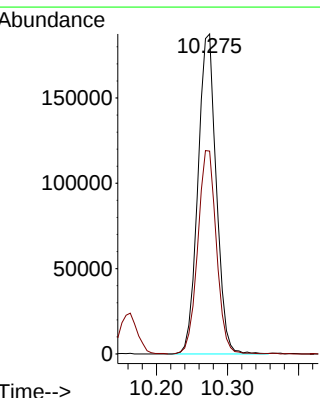
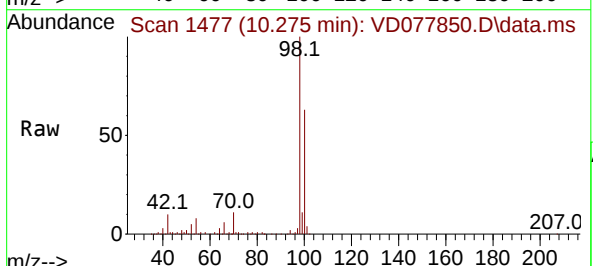
Delta R.T. 0.006 min

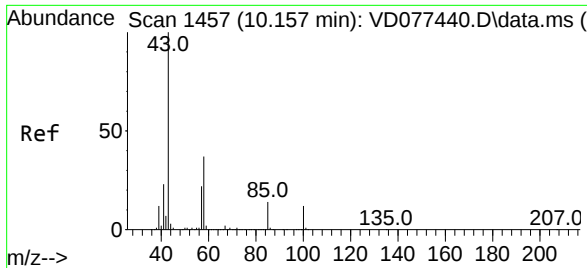
Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Tgt Ion: 98 Resp: 336162

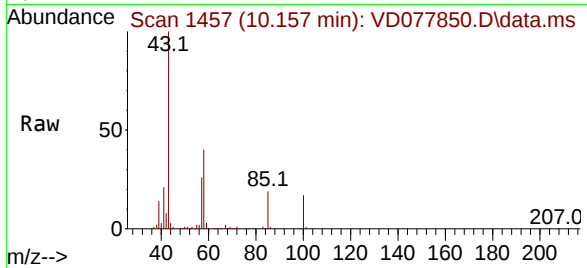
Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 274.895 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

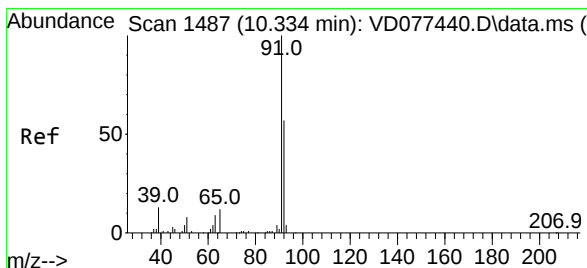
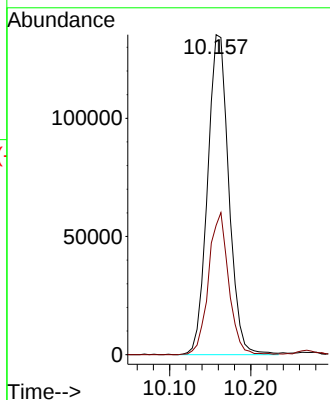
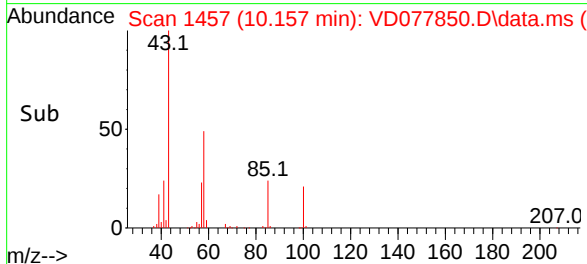
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24606
Ion Ratio Lower Upper
43 100
58 42.1 38.9 58.3

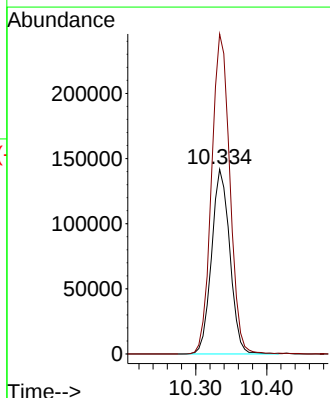
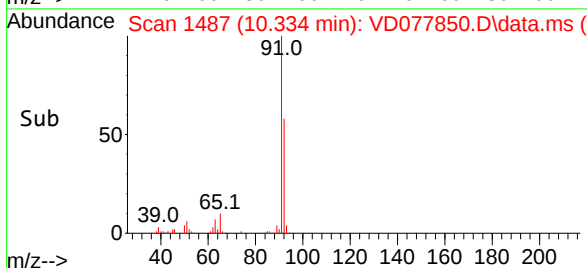
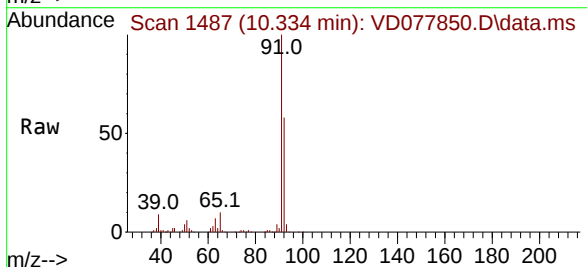
Manual Integrations
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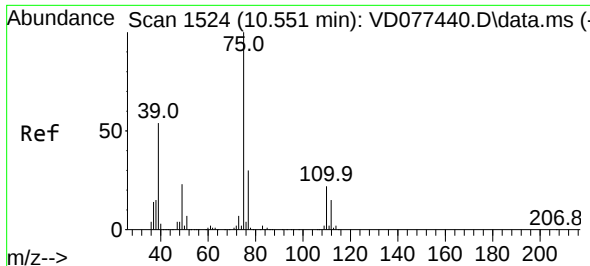
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#52
Toluene
Concen: 56.611 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 92 Resp: 252195
Ion Ratio Lower Upper
92 100
91 174.0 143.0 214.4





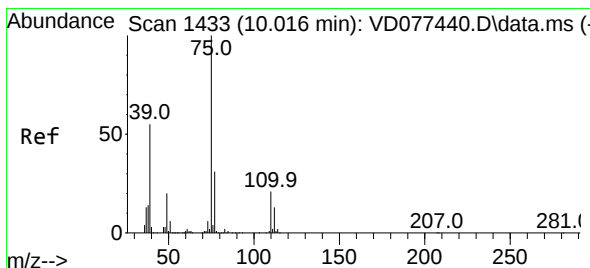
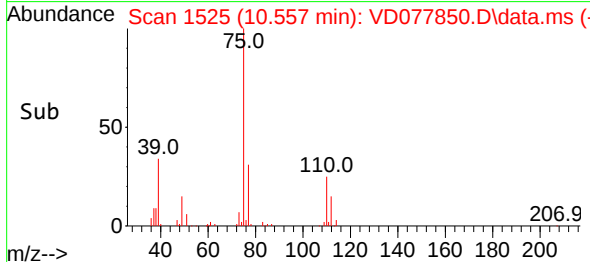
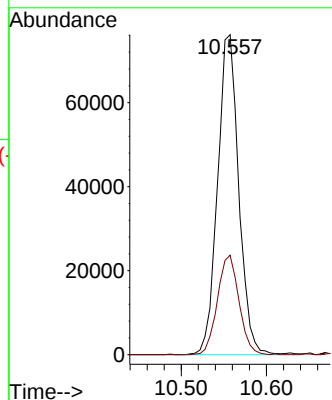
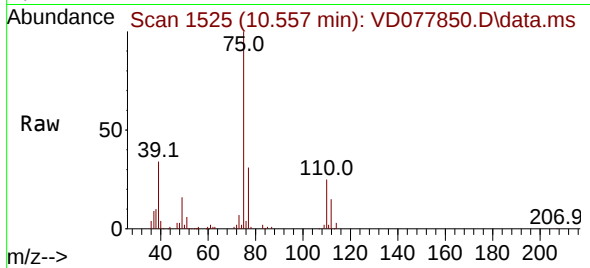
#53
t-1,3-Dichloropropene
Concen: 58.360 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 131219
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

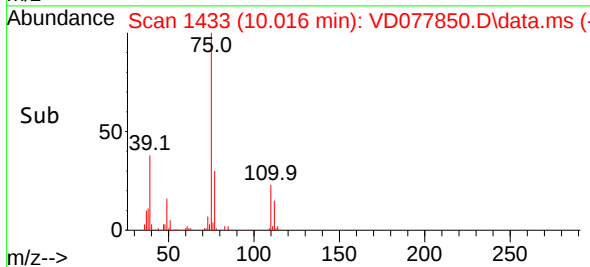
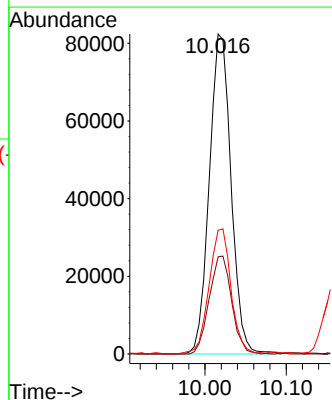
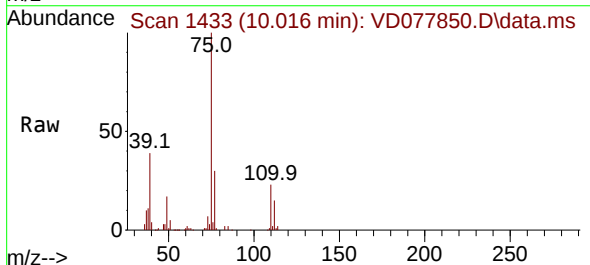
Manual Integrations
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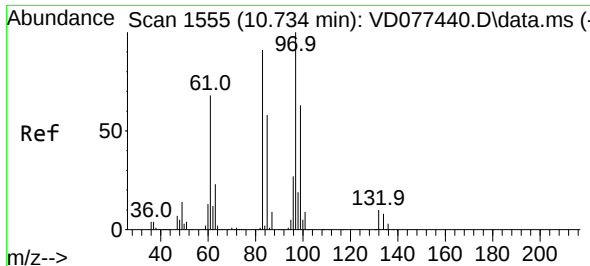
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#54
cis-1,3-Dichloropropene
Concen: 56.343 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

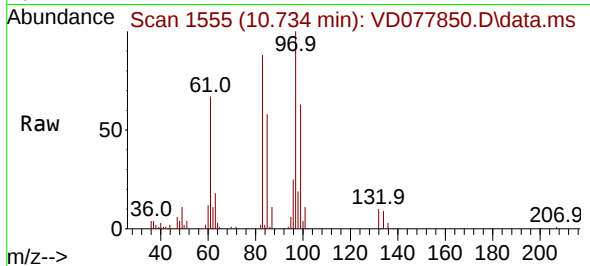
Tgt Ion: 75 Resp: 153166
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3
39 38.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 56.158 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

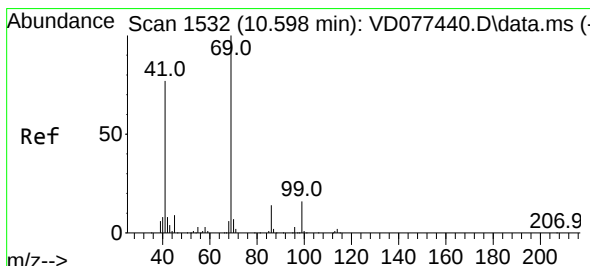
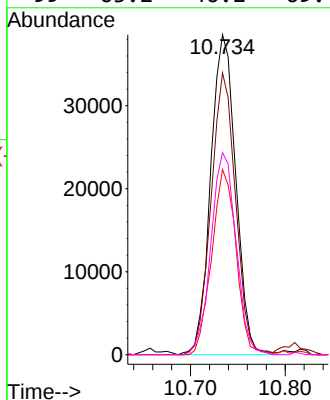
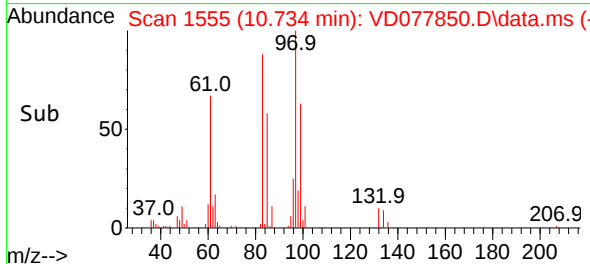
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



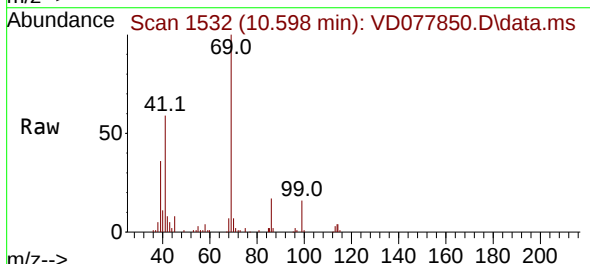
Tgt Ion:	97	Resp:	70958
Ion Ratio	Lower	Upper	
97	100		
83	88.1	65.8	98.6
85	57.9	45.7	68.5
99	63.2	46.2	69.4

Manual Integrations
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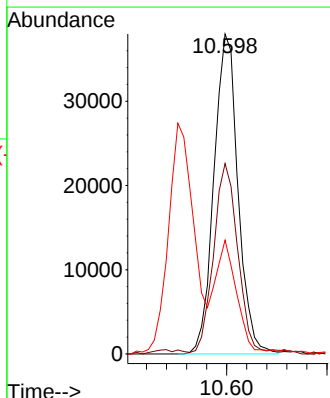
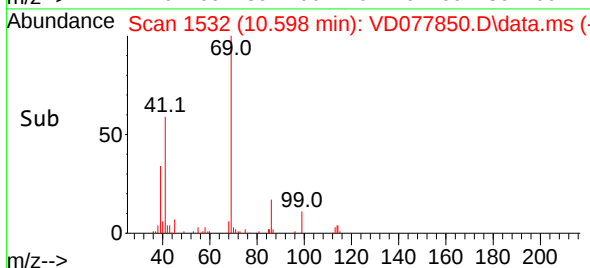
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

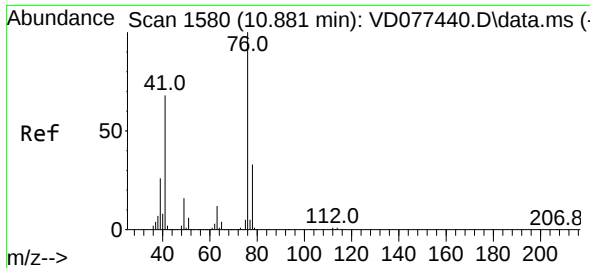


#56
Ethyl methacrylate
Concen: 56.907 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



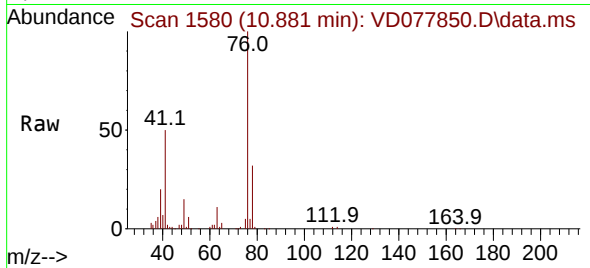
Tgt Ion:	69	Resp:	63387
Ion Ratio	Lower	Upper	
69	100		
41	58.4	39.1	58.7
39	30.8	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 56.504 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

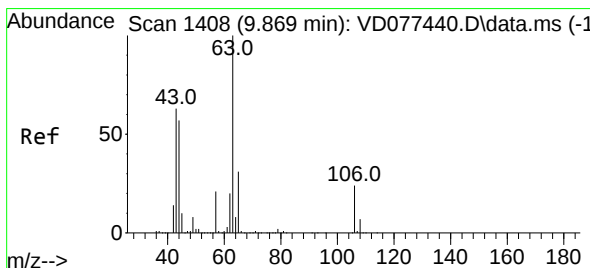
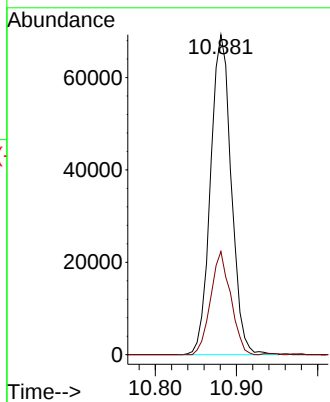
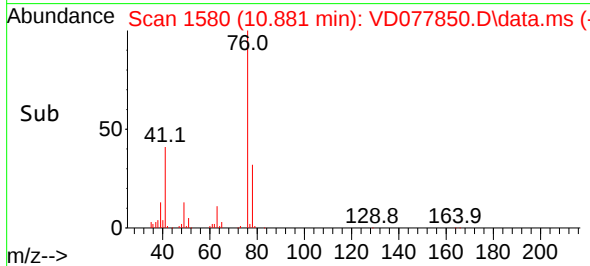
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 12306
Ion Ratio Lower Upper
76 100
78 31.2 26.4 39.6

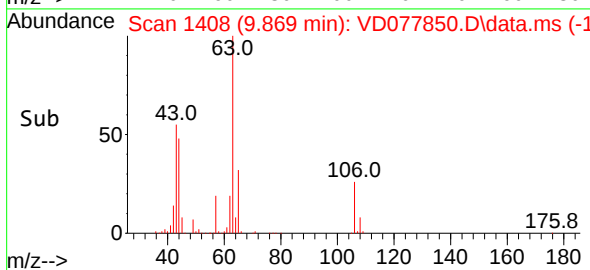
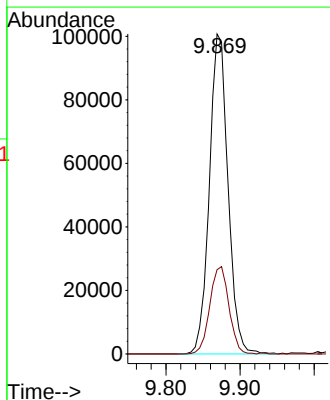
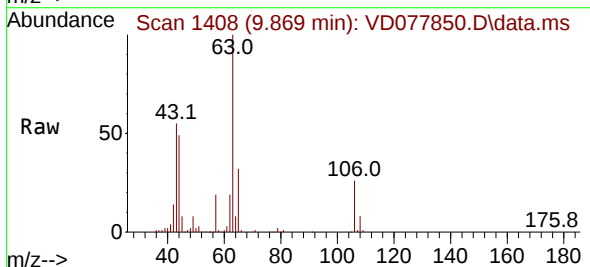
Manual Integrations
APPROVED

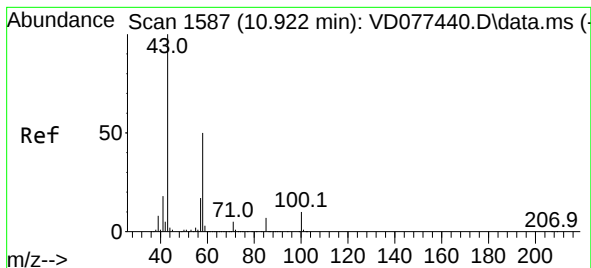
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 276.731 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

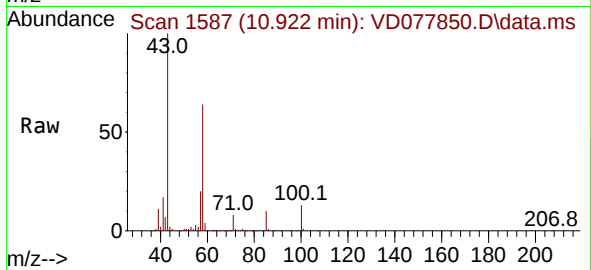
Tgt Ion: 63 Resp: 175783
Ion Ratio Lower Upper
63 100
106 28.0 25.3 37.9





#59
2-Hexanone
Concen: 239.311 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

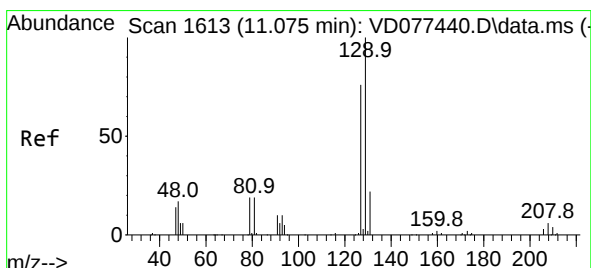
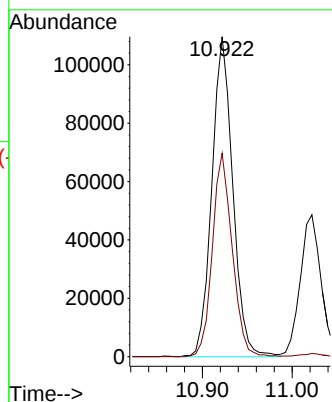
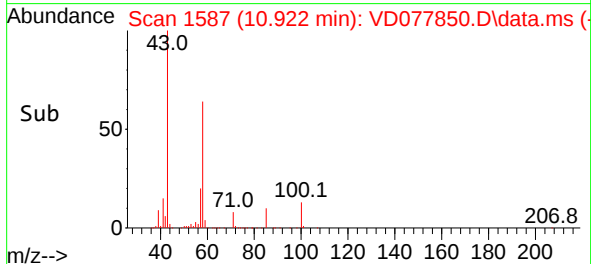
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17772
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2

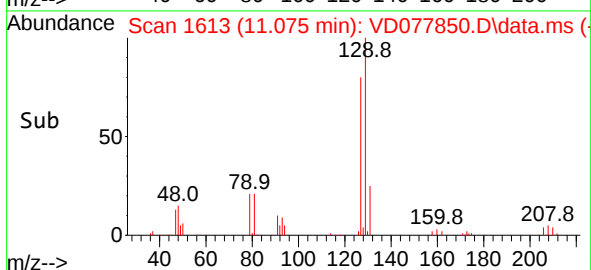
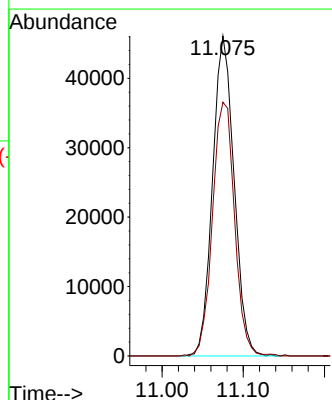
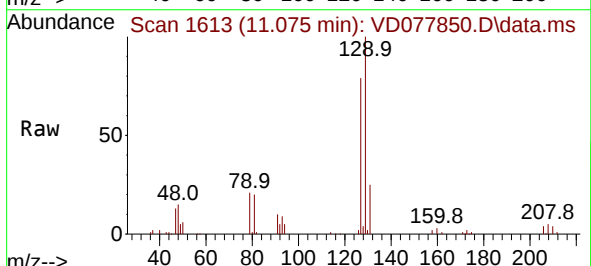
Manual Integrations
APPROVED

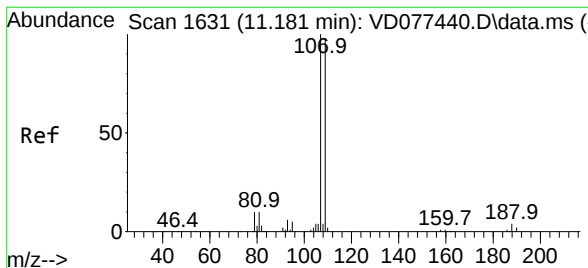
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#60
Dibromochloromethane
Concen: 55.727 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

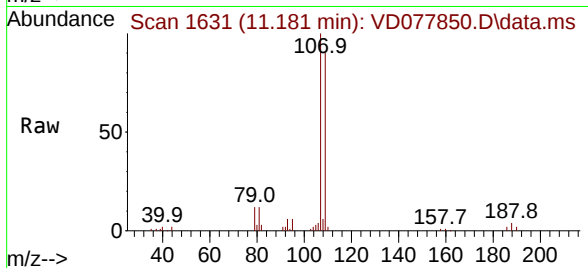
Tgt Ion:129 Resp: 84777
Ion Ratio Lower Upper
129 100
127 81.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 57.316 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

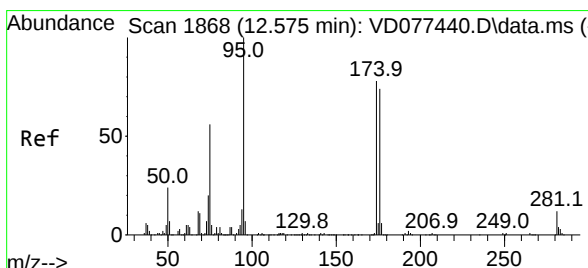
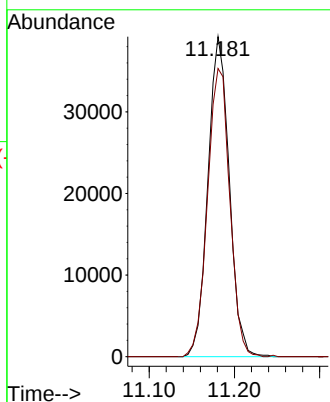
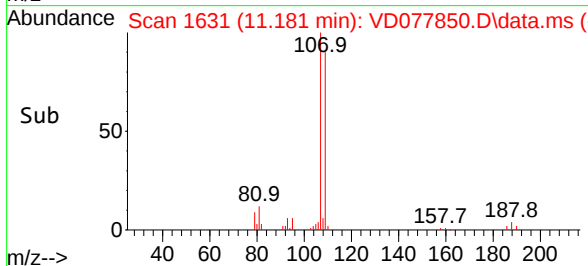
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



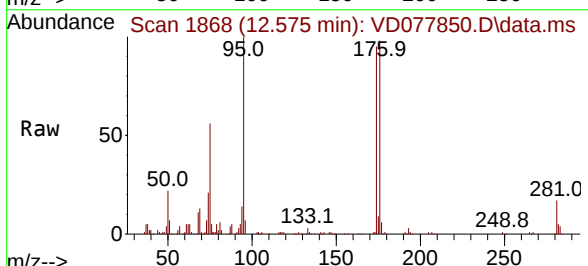
Tgt Ion:107 Resp: 6817
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

Manual Integrations
APPROVED

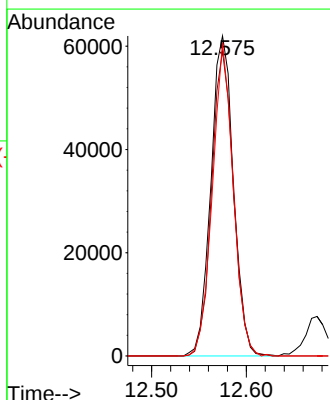
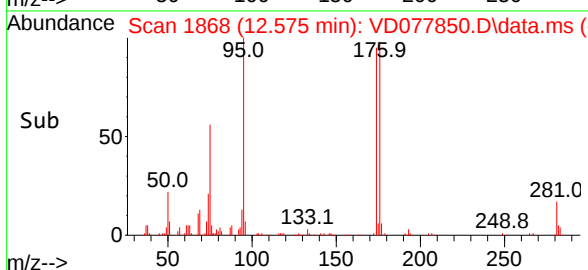
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

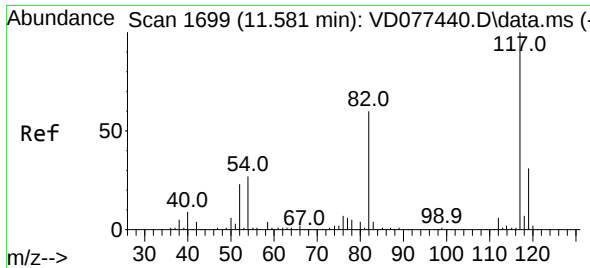


#62
4-Bromofluorobenzene
Concen: 54.022 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



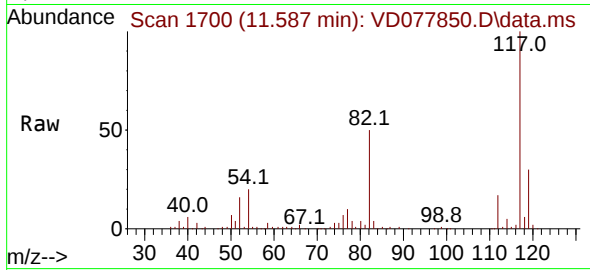
Tgt Ion: 95 Resp: 102332
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 90.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

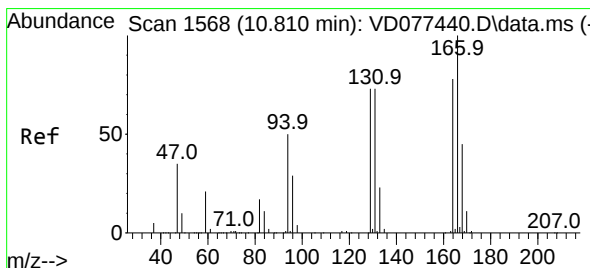
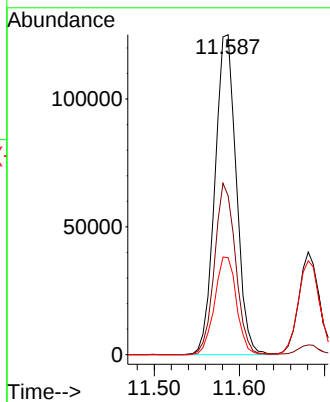
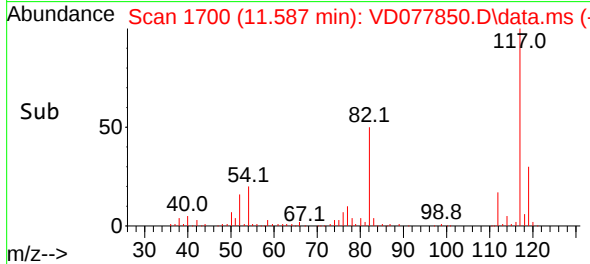
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21845
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 30.3 25.0 37.4

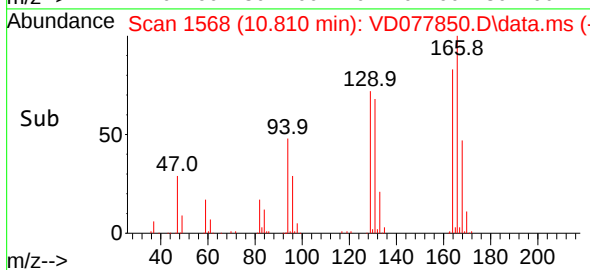
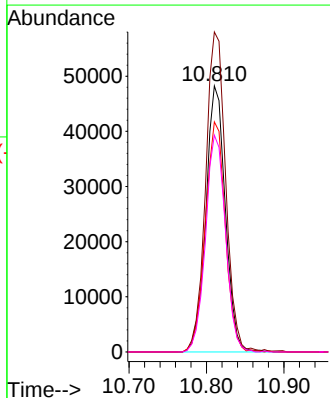
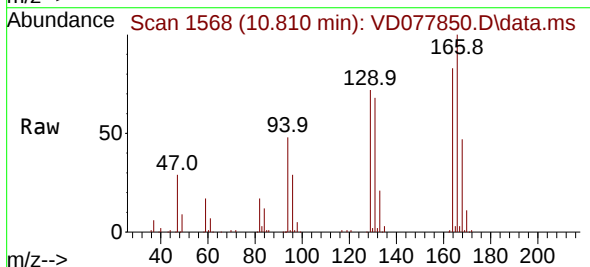
Manual Integrations
APPROVED

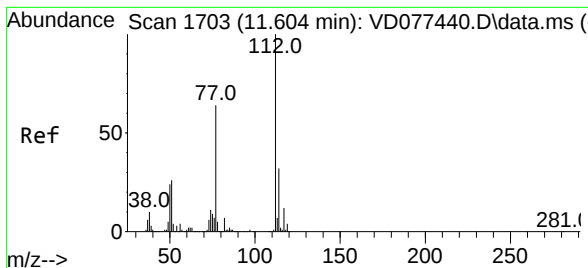
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#64
Tetrachloroethene
Concen: 52.620 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

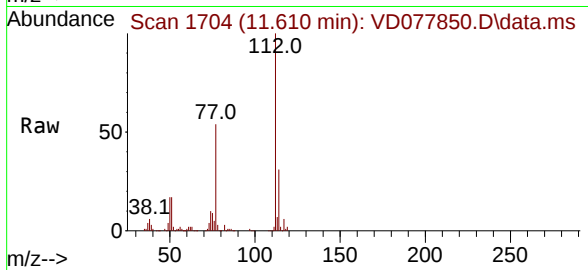
Tgt Ion:164 Resp: 84488
Ion Ratio Lower Upper
164 100
166 120.3 99.2 148.8
129 86.5 68.4 102.6
131 81.5 63.8 95.8





#65
Chlorobenzene
Concen: 51.547 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

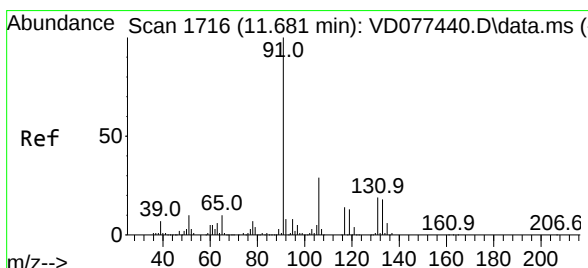
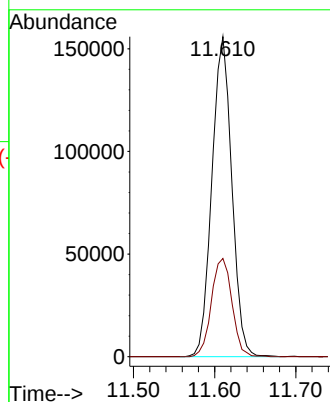
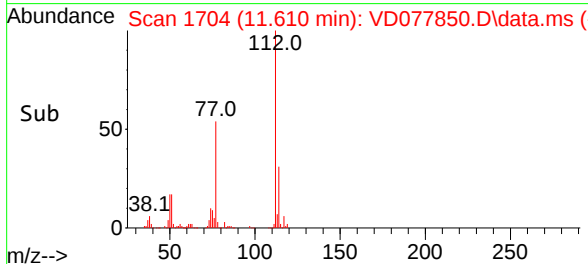
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



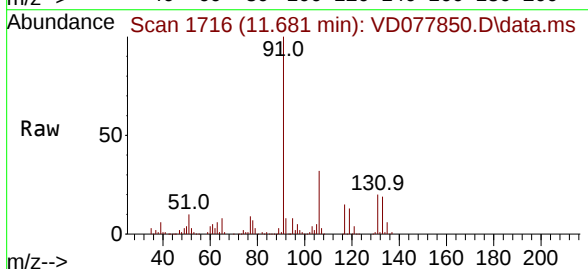
Tgt Ion:112 Resp: 265154
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

Manual Integrations
APPROVED

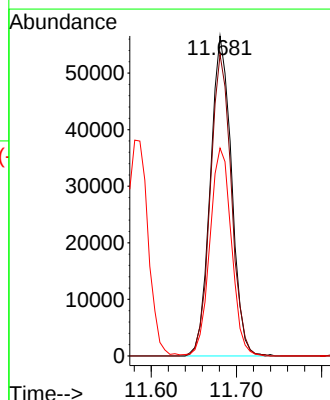
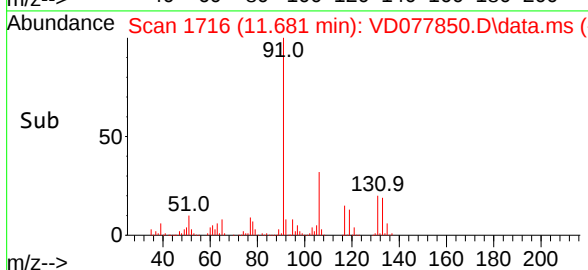
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

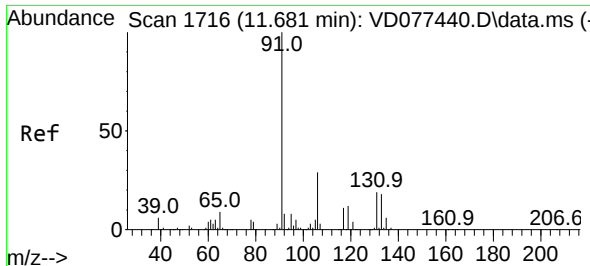


#66
1,1,1,2-Tetrachloroethane
Concen: 53.689 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



Tgt Ion:131 Resp: 97532
Ion Ratio Lower Upper
131 100
133 93.6 48.5 145.5
119 66.1 35.6 106.9





#67

Ethyl Benzene

Concen: 52.699 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 479290

Ion Ratio Lower Upper

91 100

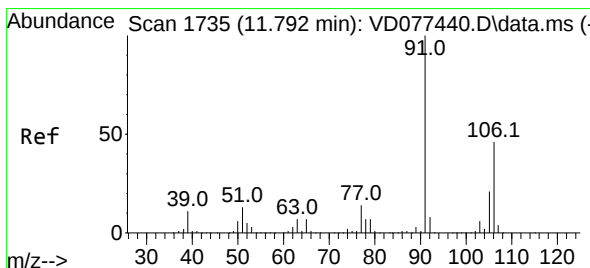
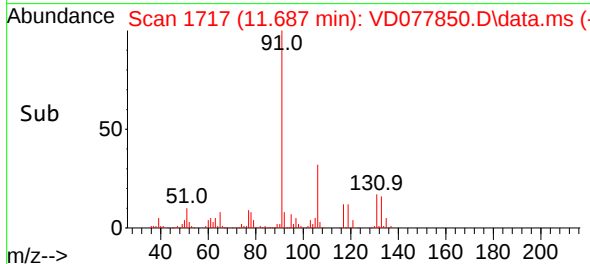
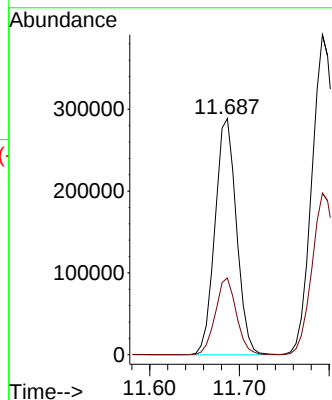
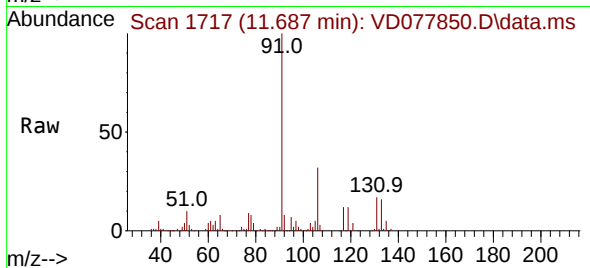
106 32.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#68

m/p-Xylenes

Concen: 106.697 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077850.D

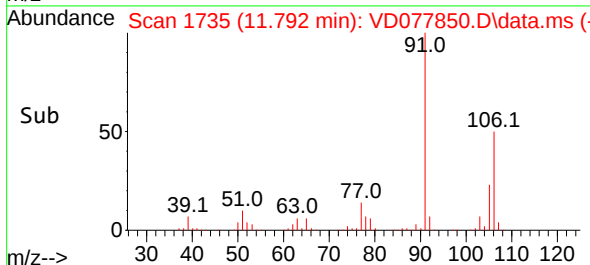
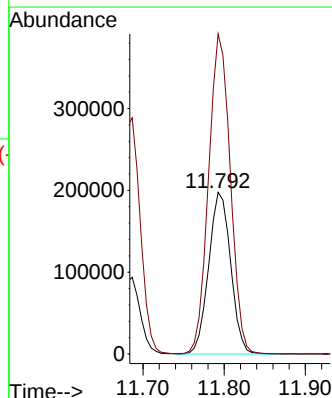
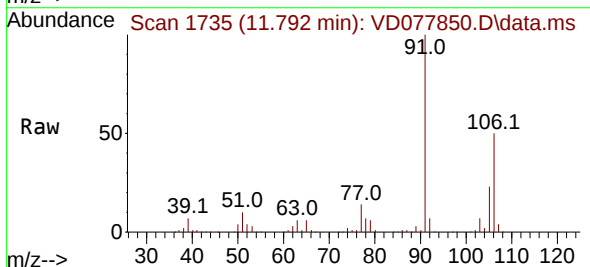
Acq: 12 Dec 2023 18:49

Tgt Ion:106 Resp: 371186

Ion Ratio Lower Upper

106 100

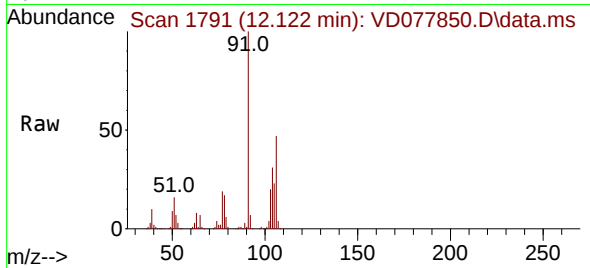
91 196.4 147.0 220.6





#69
o-Xylene
Concen: 53.886 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

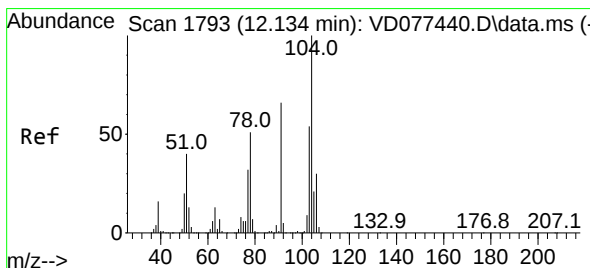
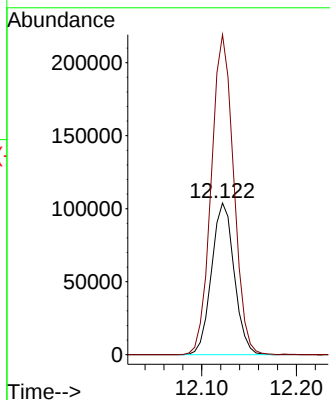
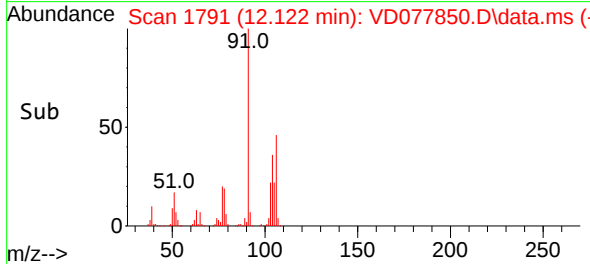
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



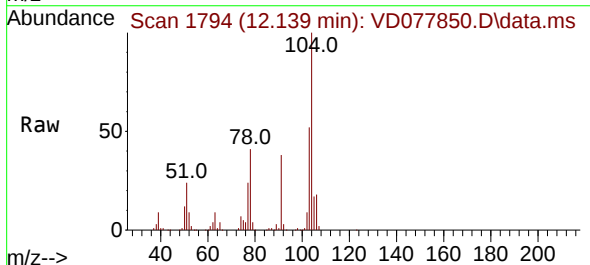
Tgt Ion:106 Resp: 172769
Ion Ratio Lower Upper
106 100
91 209.1 97.9 293.6

Manual Integrations
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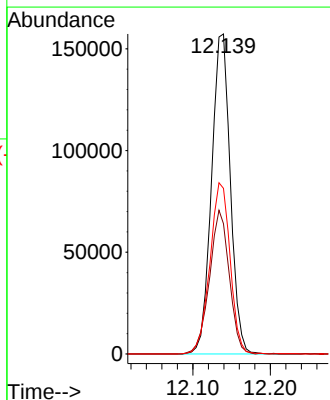
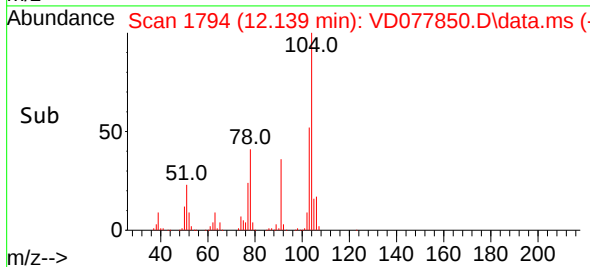
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

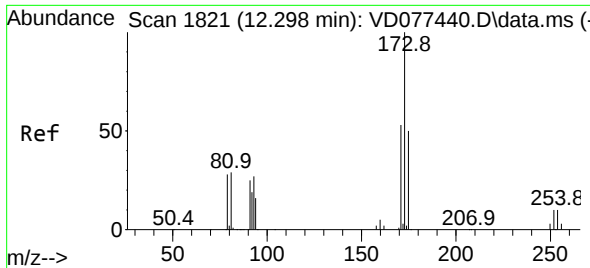


#70
Styrene
Concen: 55.647 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



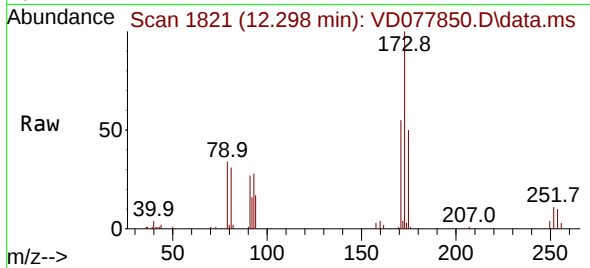
Tgt Ion:104 Resp: 265296
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 57.4 43.6 65.4





#71
Bromoform
Concen: 54.196 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

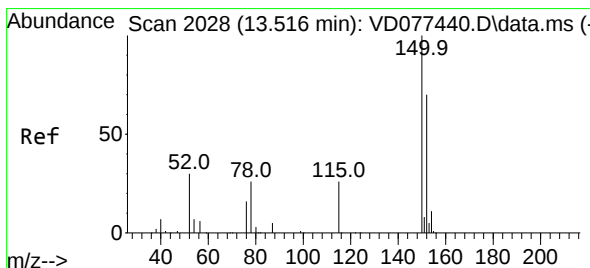
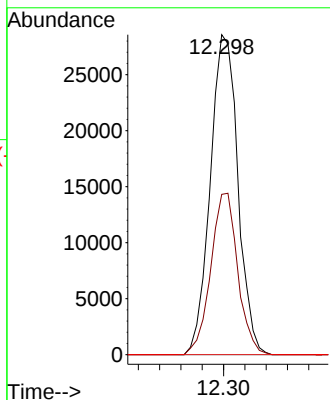
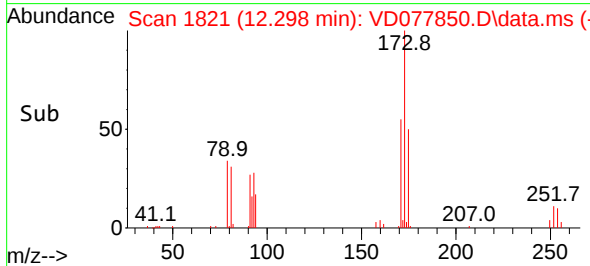
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5144
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.0 0.0

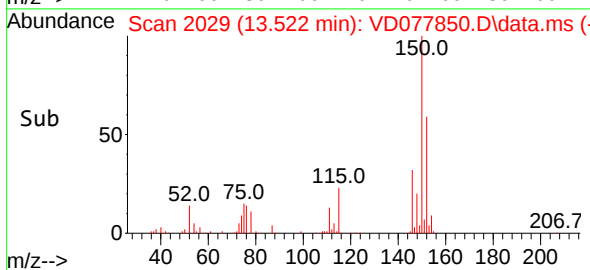
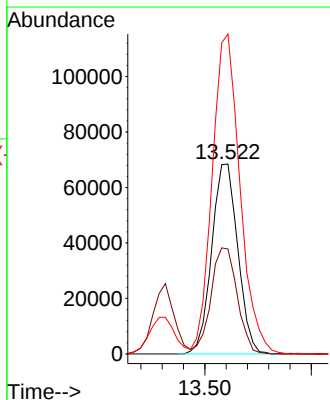
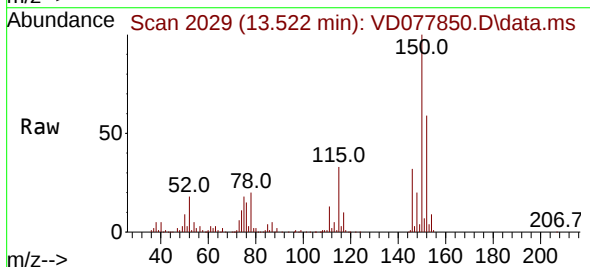
Manual Integrations
APPROVED

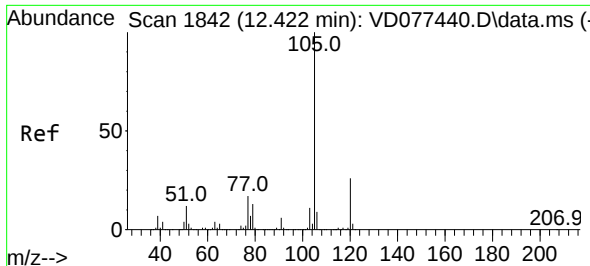
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

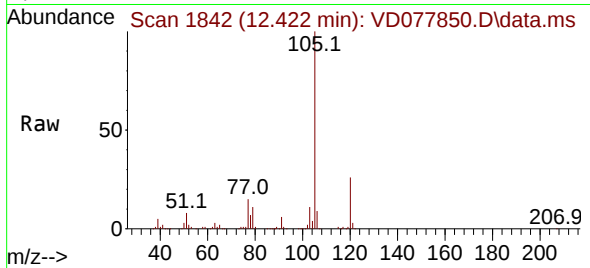
Tgt Ion:152 Resp: 116213
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 179.8 0.0 353.6





#73
Isopropylbenzene
Concen: 52.183 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

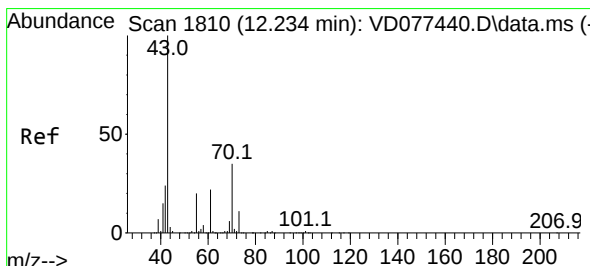
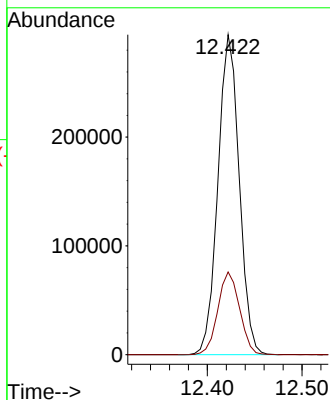
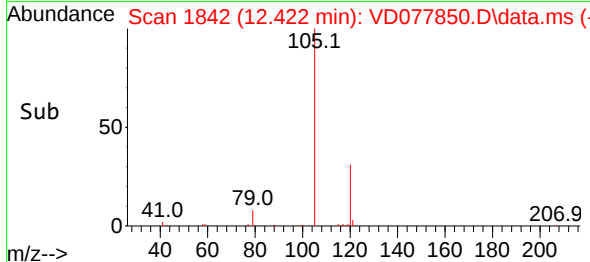
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 459624
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9

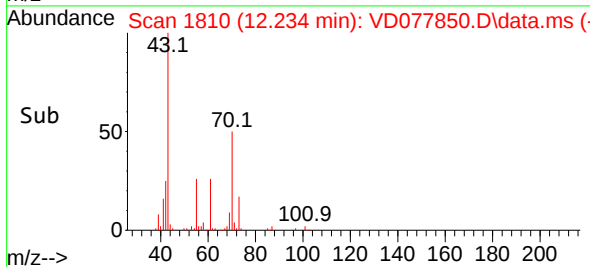
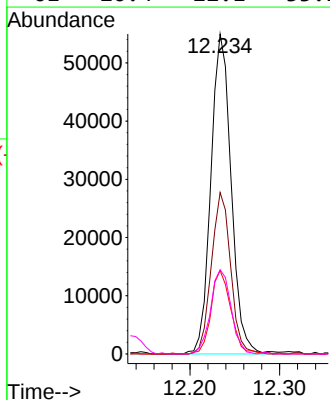
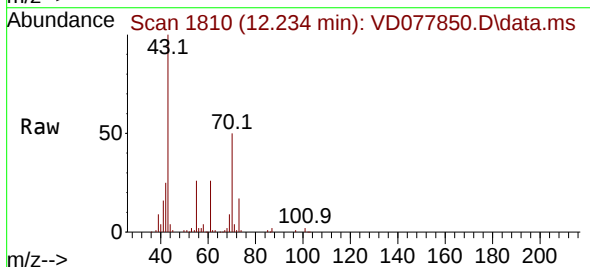
Manual Integrations
APPROVED

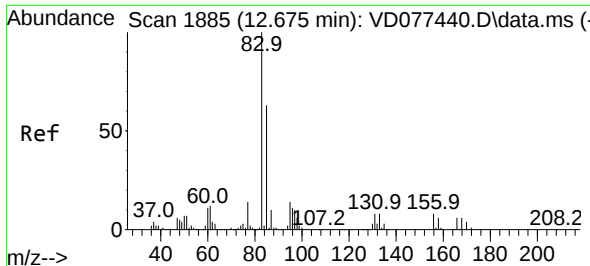
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#74
N-ethyl acetate
Concen: 49.961 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

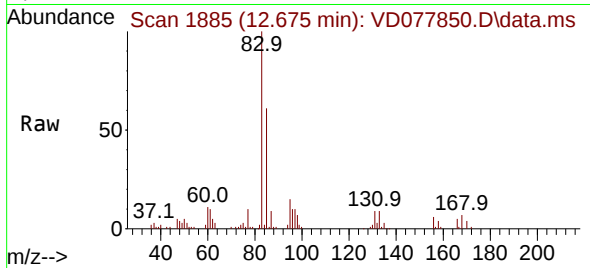
Tgt Ion: 43 Resp: 86501
Ion Ratio Lower Upper
43 100
70 48.0 45.0 67.4
55 25.2 23.8 35.6
61 26.4 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 52.352 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

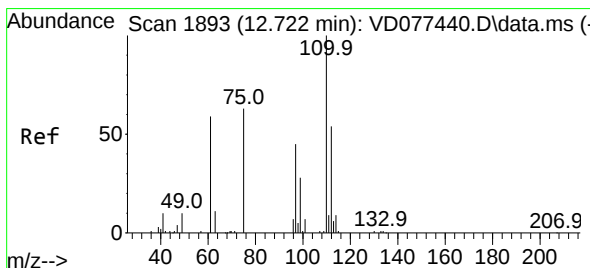
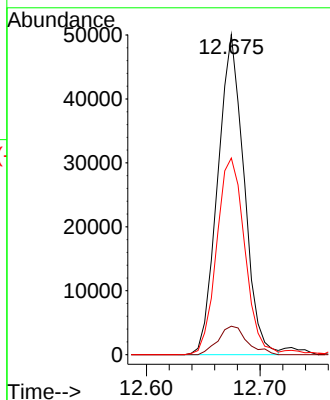
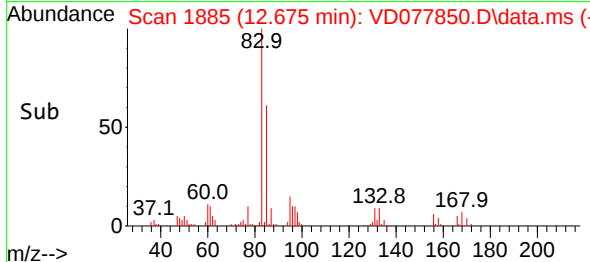
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



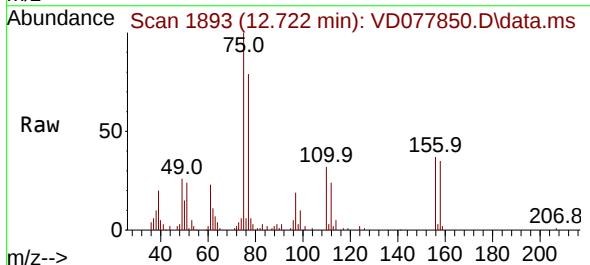
Tgt Ion: 83 Resp: 80400
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 65.9 32.6 97.8

Manual Integrations
APPROVED

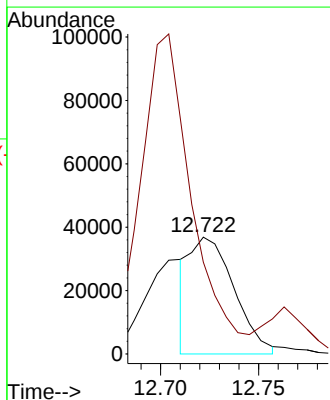
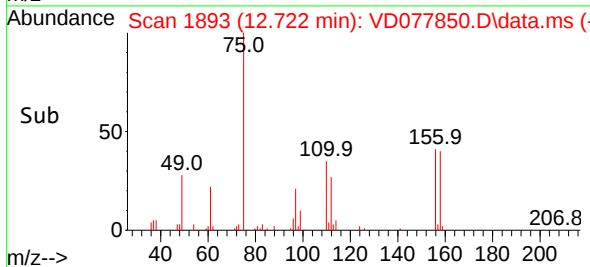
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

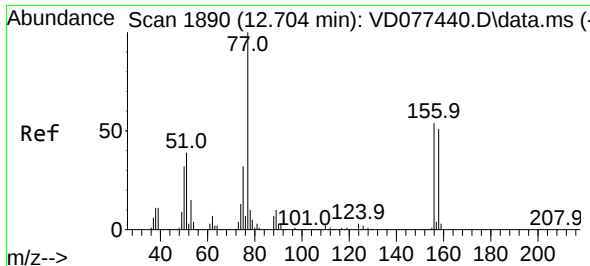


#76
1,2,3-Trichloropropane
Concen: 57.517 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



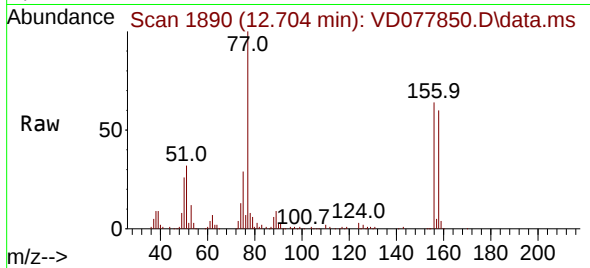
Tgt Ion: 75 Resp: 58053
Ion Ratio Lower Upper
75 100
77 316.7 0.0 0.0#





#77
Bromobenzene
Concen: 51.703 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

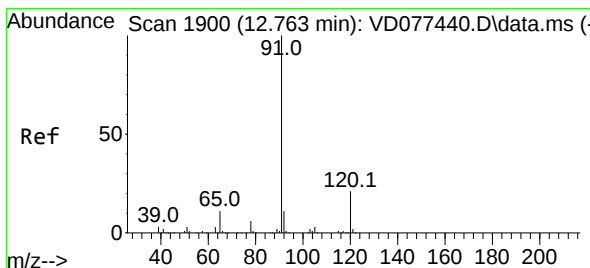
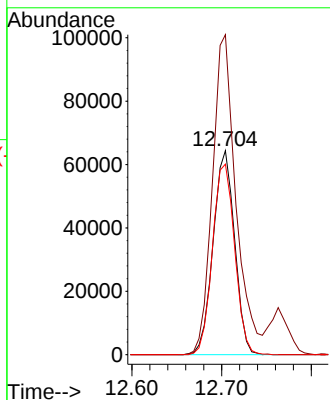
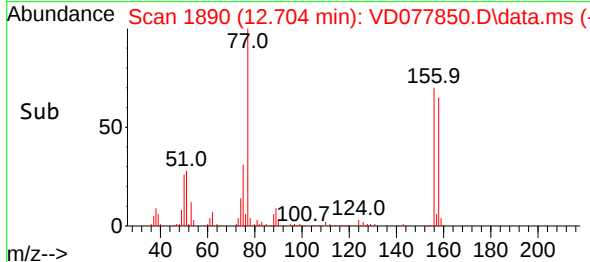
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



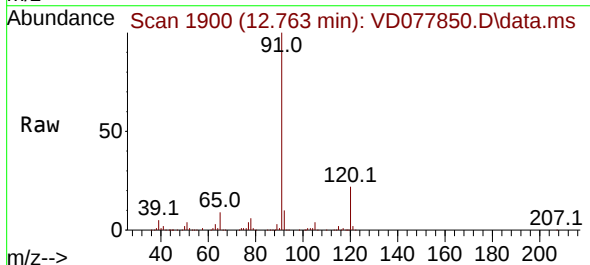
Tgt Ion:156 Resp: 107110
Ion Ratio Lower Upper
156 100
77 171.6 76.8 230.4
158 96.4 48.6 145.9

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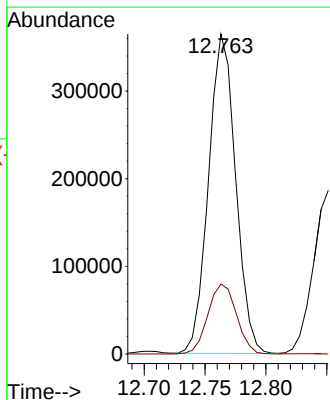
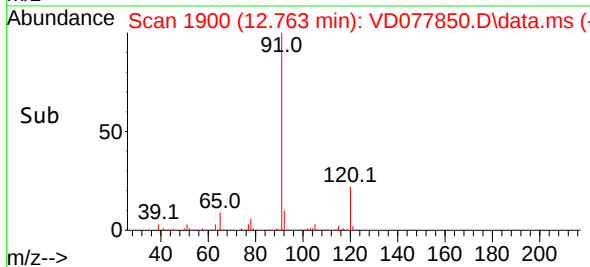
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

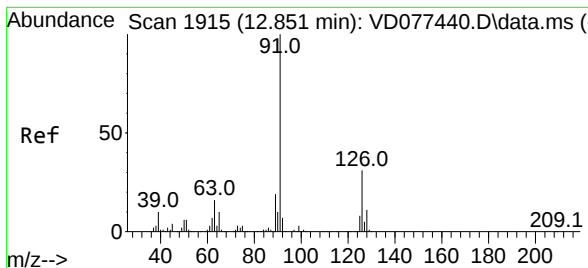


#78
n-propylbenzene
Concen: 52.458 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



Tgt Ion: 91 Resp: 563021
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.2





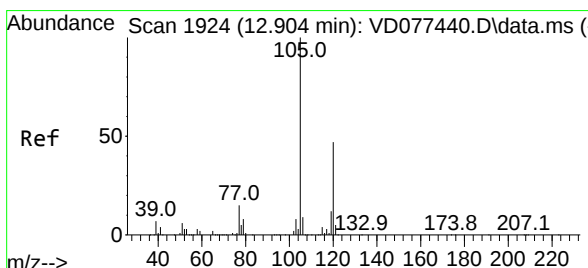
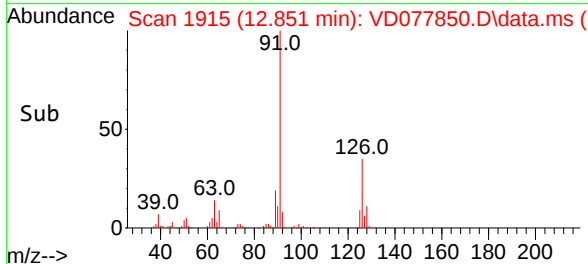
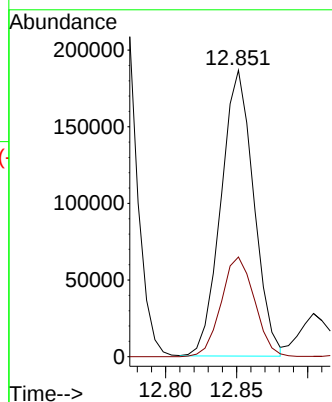
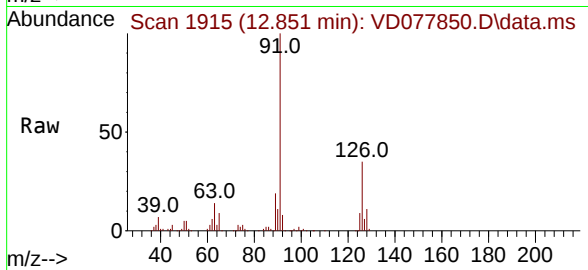
#79
2-Chlorotoluene
Concen: 52.139 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 299892
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1

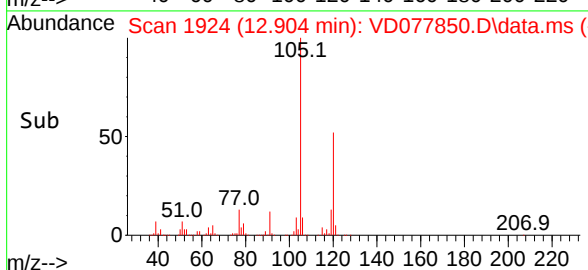
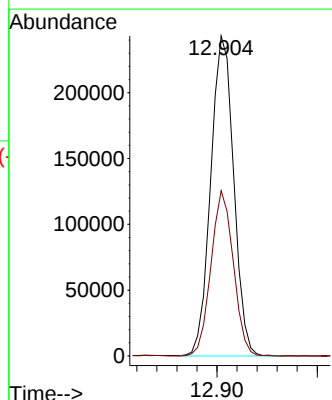
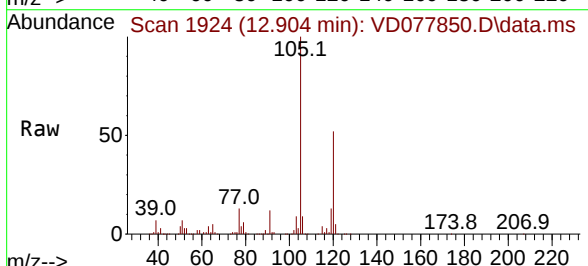
Manual Integrations
APPROVED

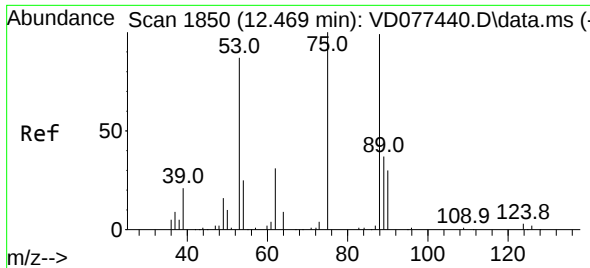
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.564 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:105 Resp: 386139
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2





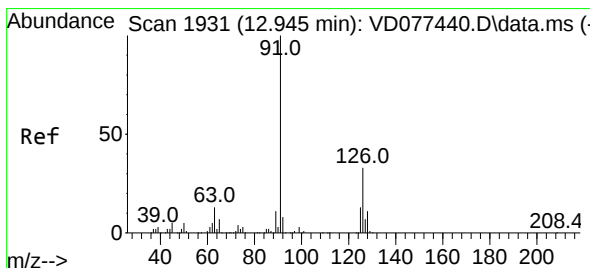
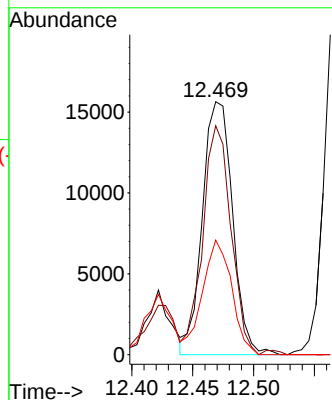
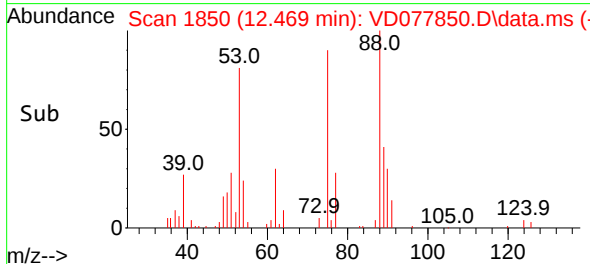
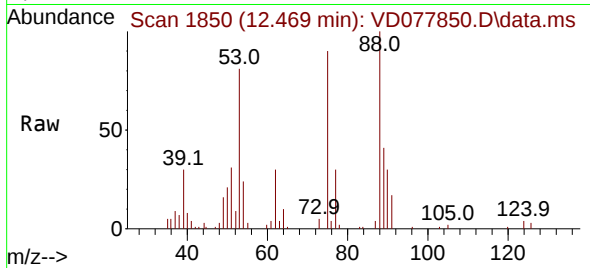
#81
trans-1,4-Dichloro-2-butene
Concen: 54.099 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 26950
Ion Ratio Lower Upper
75 100
53 84.8 63.0 94.4
89 44.1 37.9 56.9

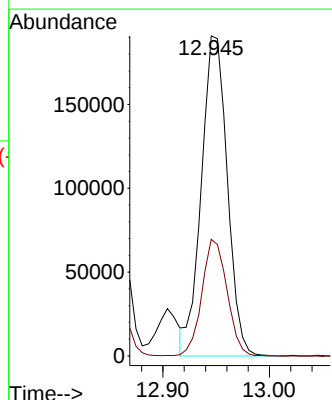
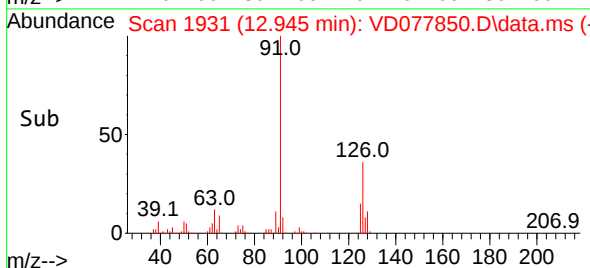
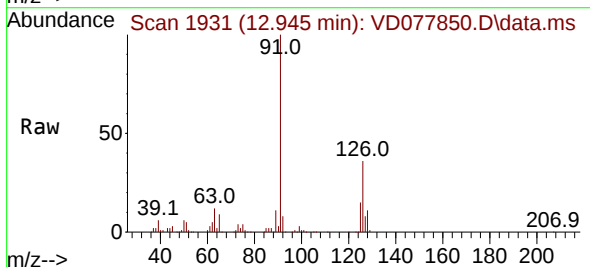
Manual Integrations
APPROVED

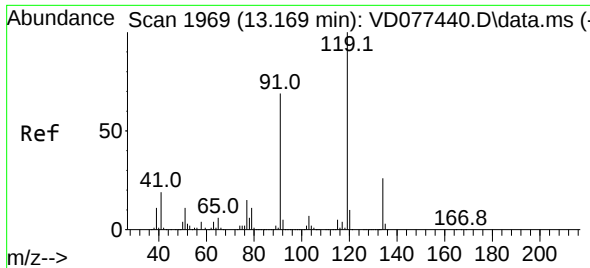
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#82
4-Chlorotoluene
Concen: 53.939 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

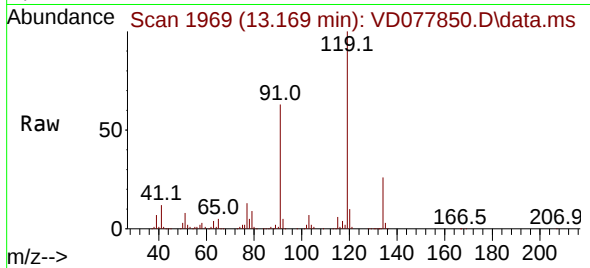
Tgt Ion: 91 Resp: 324336
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.4





#83
tert-Butylbenzene
Concen: 53.122 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

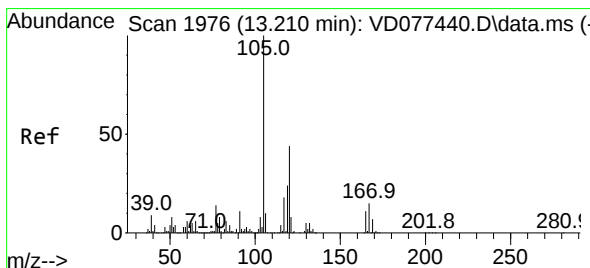
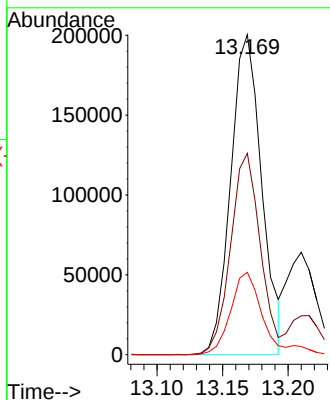
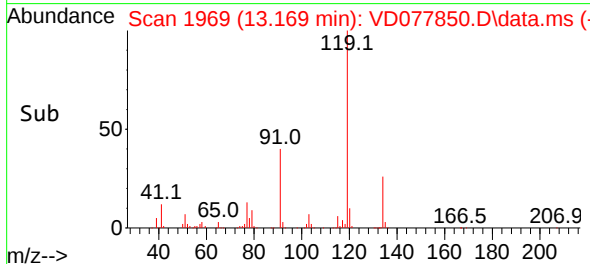
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



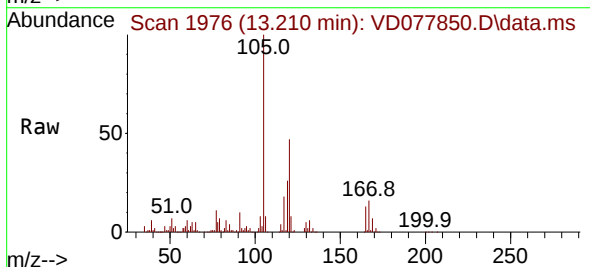
Tgt Ion:119 Resp: 32945
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.8
134 27.1 14.1 42.3

Manual Integrations
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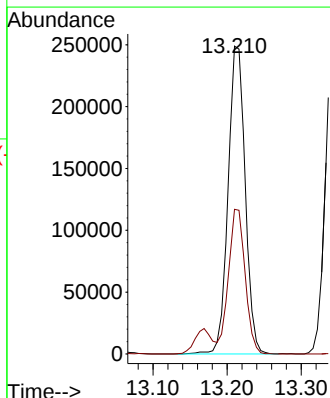
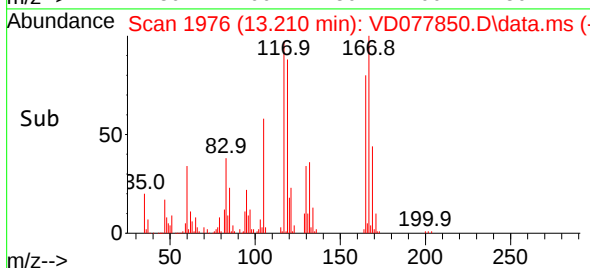
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

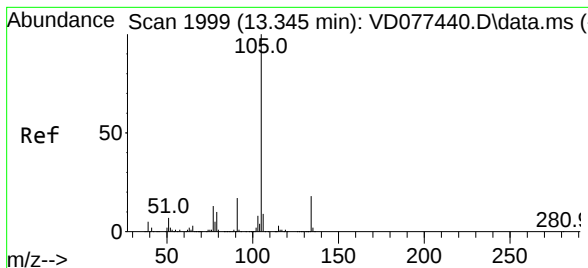


#84
1,2,4-Trimethylbenzene
Concen: 54.266 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



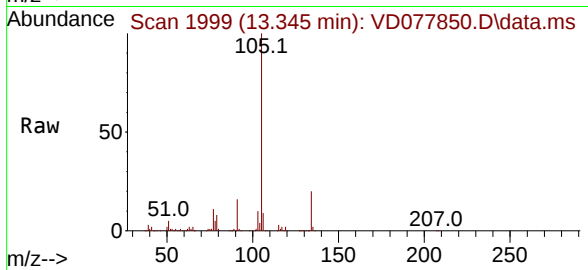
Tgt Ion:105 Resp: 398719
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 53.718 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

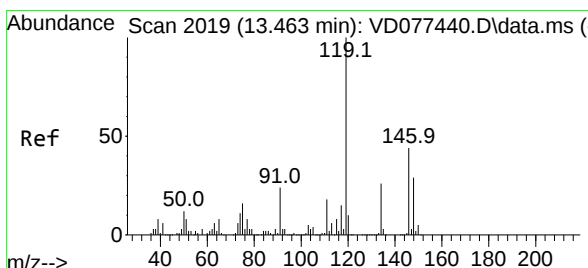
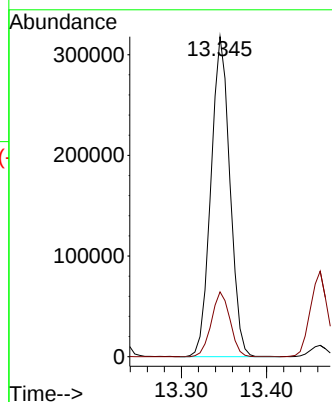
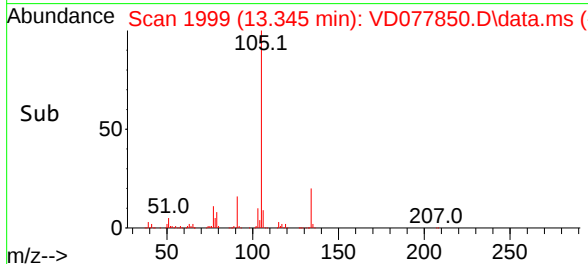
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



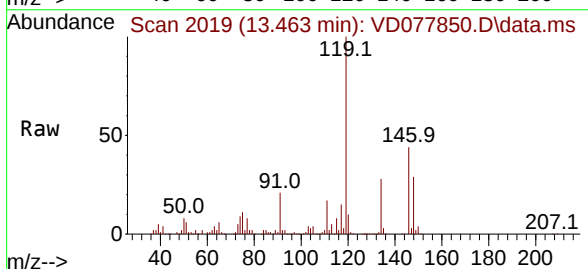
Tgt Ion:105 Resp: 492448
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9

Manual Integrations
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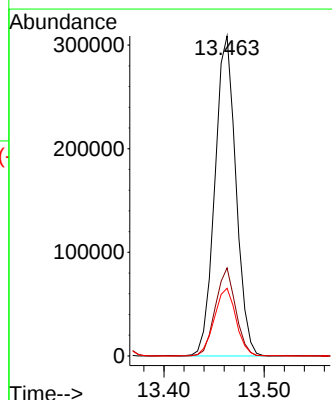
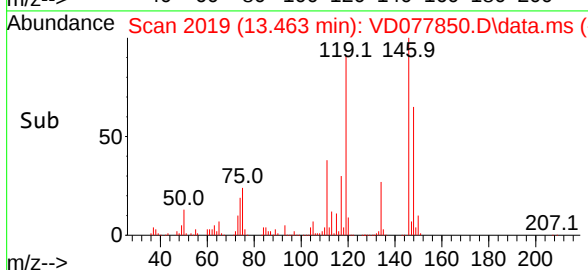
Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

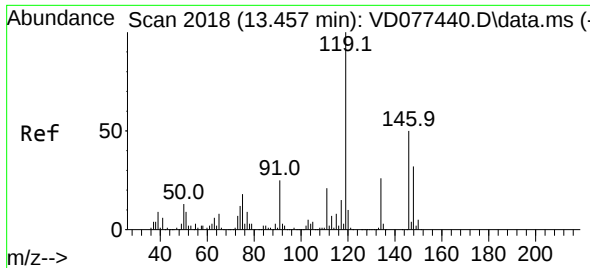


#86
 p-Isopropyltoluene
 Concen: 54.682 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49



Tgt Ion:119 Resp: 448810
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 22.1 10.5 31.5





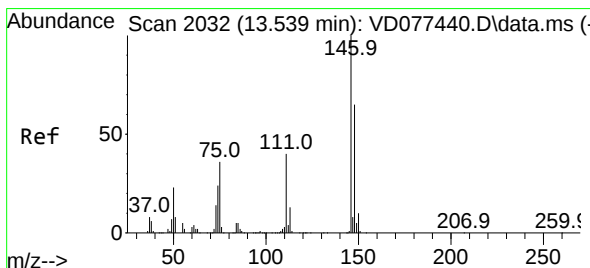
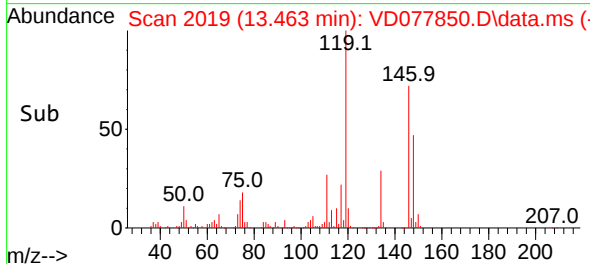
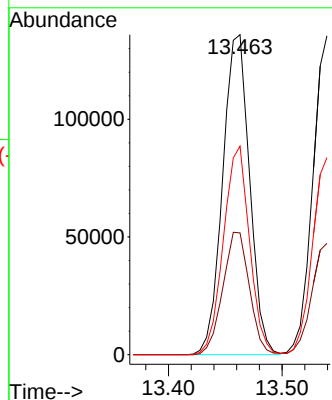
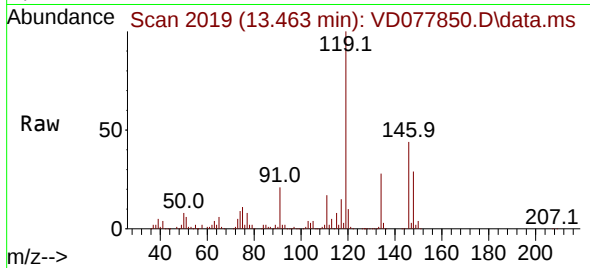
#87
1,3-Dichlorobenzene
Concen: 52.829 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 22382
Ion Ratio Lower Upper
146 100
111 37.9 17.9 53.8
148 63.3 32.3 96.8

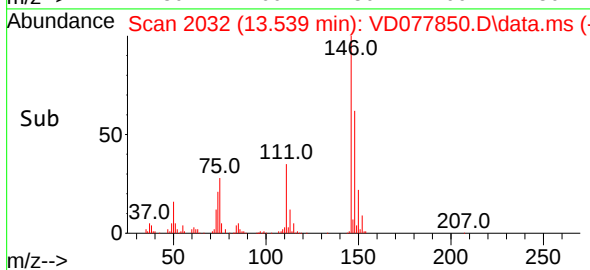
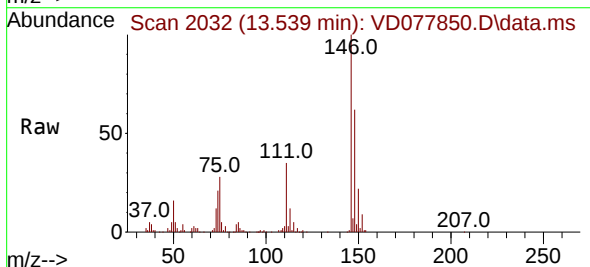
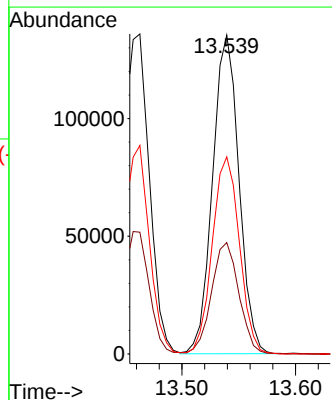
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#88
1,4-Dichlorobenzene
Concen: 51.660 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

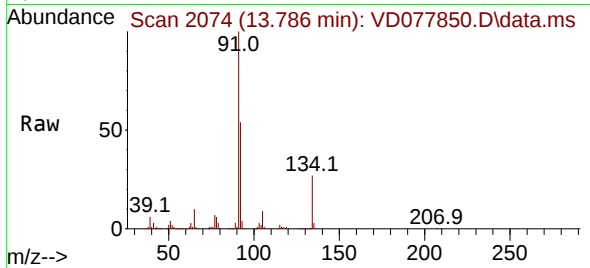
Tgt Ion:146 Resp: 218235
Ion Ratio Lower Upper
146 100
111 36.4 17.4 52.3
148 63.8 31.7 95.1





#89
n-Butylbenzene
Concen: 54.263 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

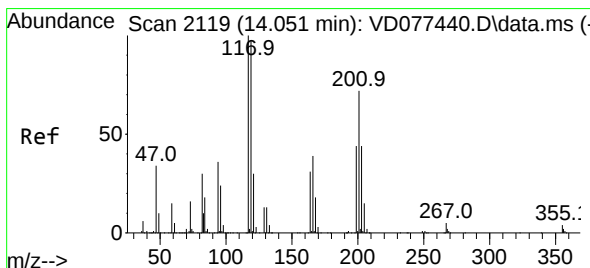
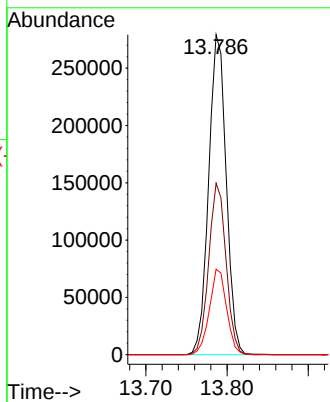
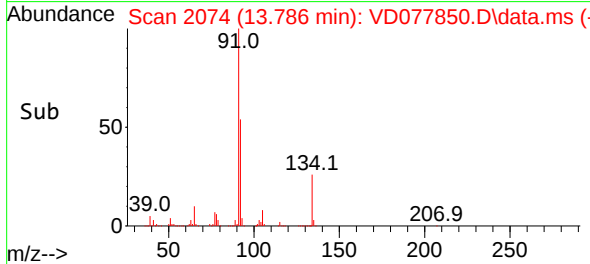
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 419080
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 26.2 13.8 41.3

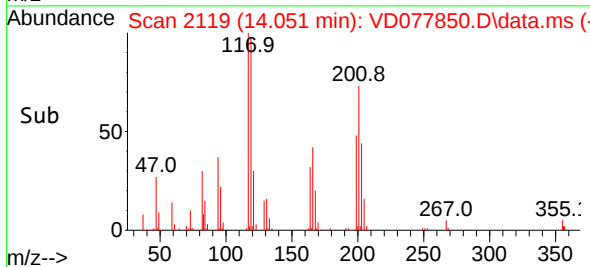
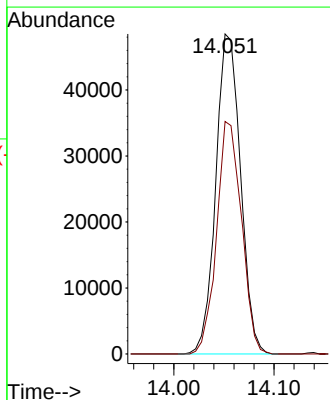
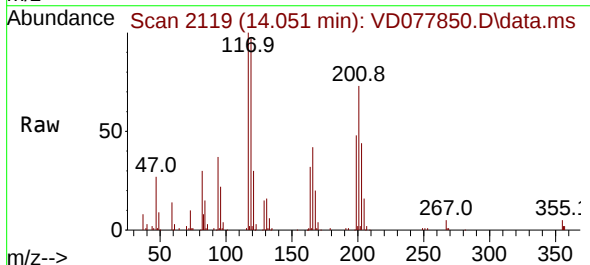
Manual Integrations
APPROVED

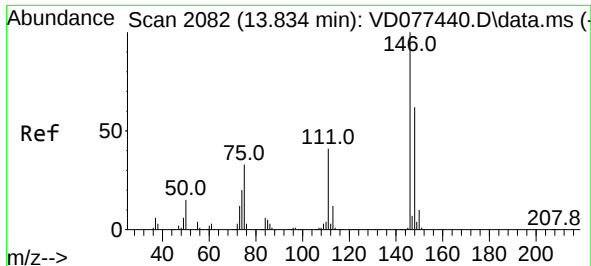
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#90
Hexachloroethane
Concen: 54.991 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:117 Resp: 83006
Ion Ratio Lower Upper
117 100
201 72.9 38.5 115.5





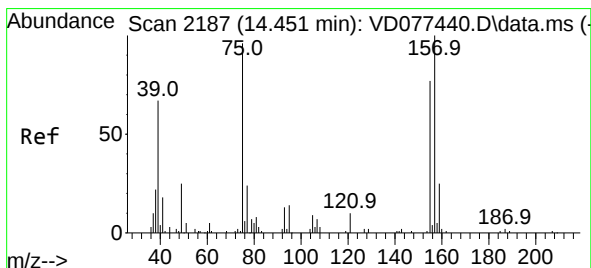
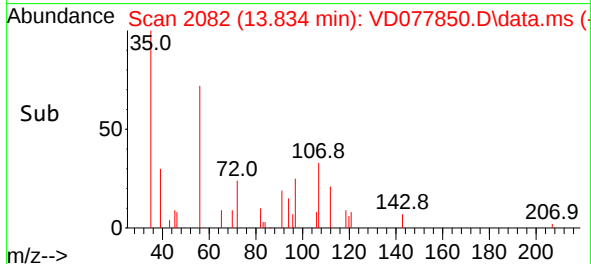
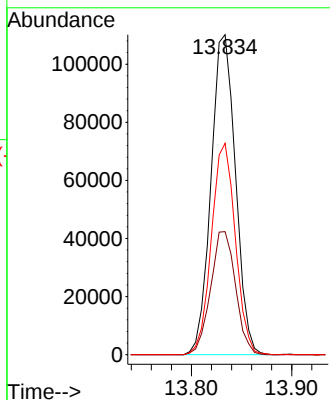
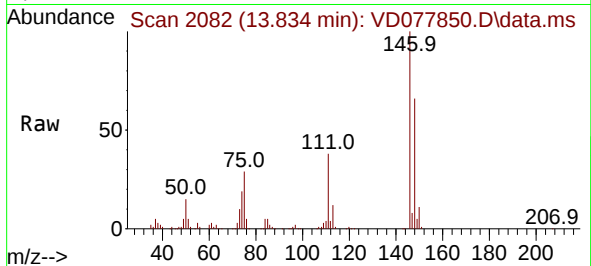
#91
1,2-Dichlorobenzene
Concen: 51.774 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 186552
Ion Ratio Lower Upper
146 100
111 39.2 18.3 54.8
148 64.5 31.6 94.7

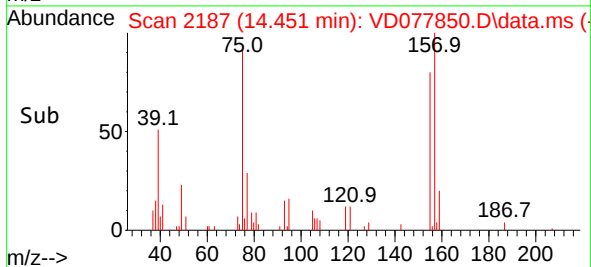
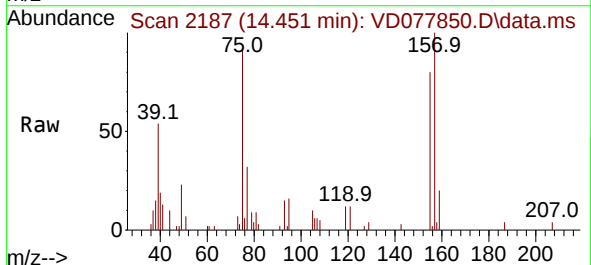
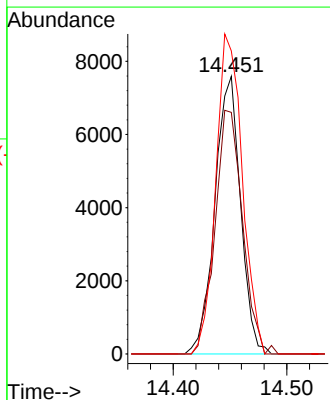
Manual Integrations
APPROVED

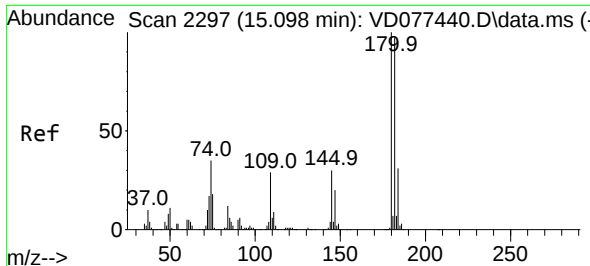
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.460 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

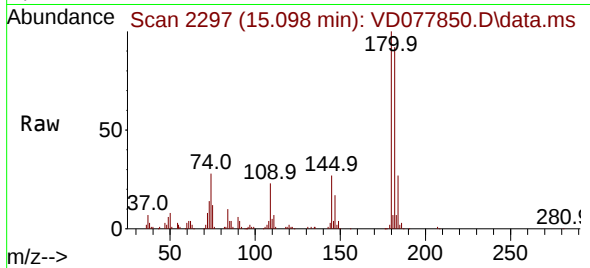
Tgt Ion: 75 Resp: 11878
Ion Ratio Lower Upper
75 100
155 94.6 47.9 143.8
157 119.2 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 50.268 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

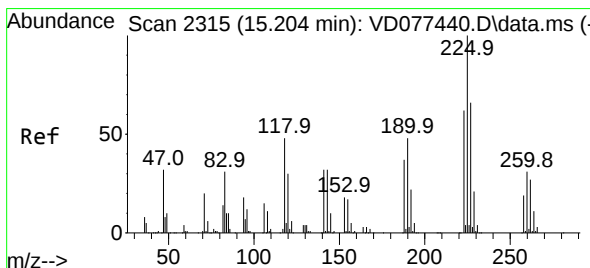
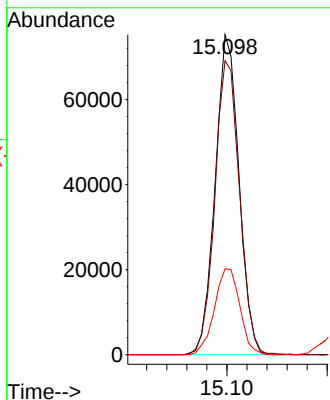
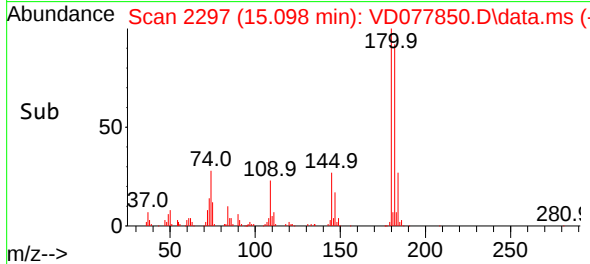
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



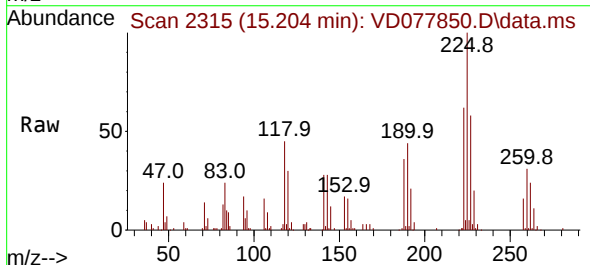
Tgt Ion:180 Resp: 123719
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.6
145 28.7 14.2 42.6

Manual Integrations
APPROVED

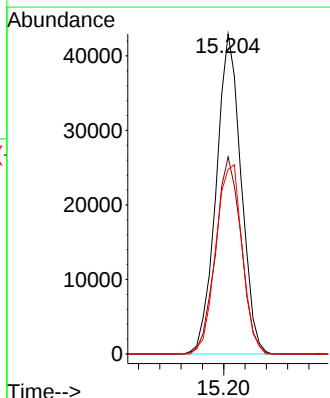
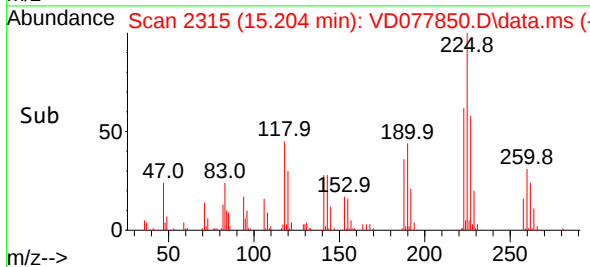
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

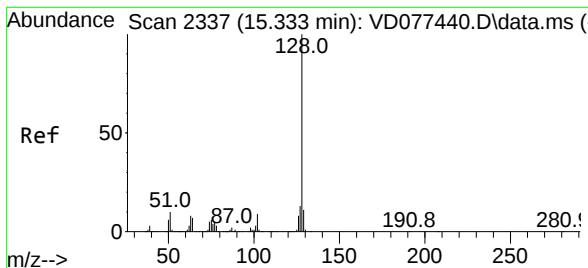


#94
Hexachlorobutadiene
Concen: 52.445 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



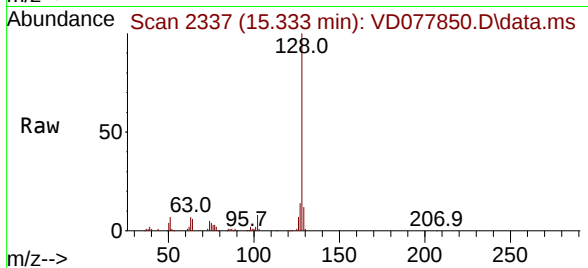
Tgt Ion:225 Resp: 69604
Ion Ratio Lower Upper
225 100
223 63.1 31.6 94.8
227 62.7 31.7 95.1





#95
Naphthalene
Concen: 54.308 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

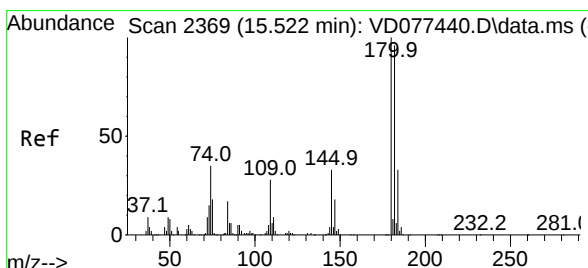
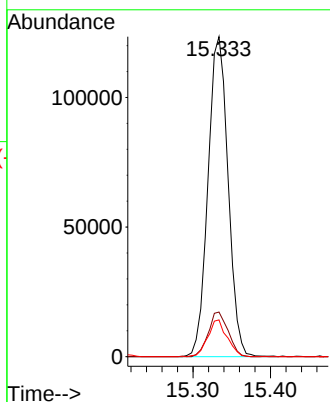
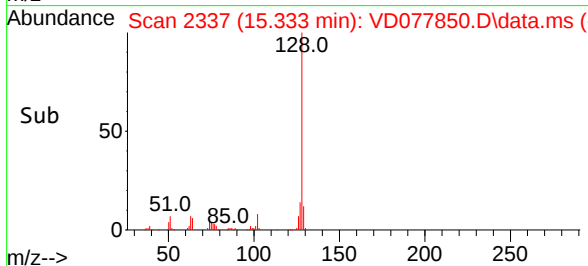
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



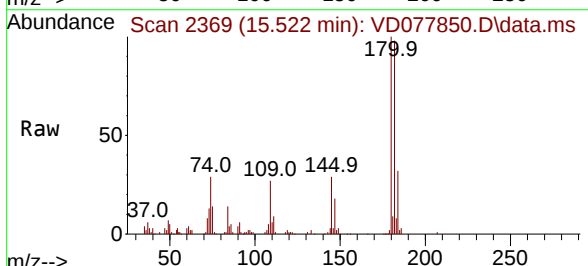
Tgt Ion:128 Resp: 222083
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.113 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49



Tgt Ion:180 Resp: 103710
Ion Ratio Lower Upper
180 100
182 97.9 47.3 141.9
145 30.8 15.1 45.3

