

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077930.D
 Acq On : 16 Dec 2023 13:17
 Operator : RP/MD
 Sample : VD1216SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 01:56:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	207465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71782	52.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.140%			
35) Dibromofluoromethane	7.804	113	78111	53.750	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.500%			
50) Toluene-d8	10.269	98	306425	52.647	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.569	95	91801	52.755	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	29935	20.484	ug/l	95
3) Chloromethane	2.152	50	44378	22.279	ug/l	97
4) Vinyl Chloride	2.287	62	62523	23.121	ug/l	95
5) Bromomethane	2.687	94	39223	25.849	ug/l	99
6) Chloroethane	2.840	64	44725	24.259	ug/l	91
7) Trichlorofluoromethane	3.175	101	53202	21.362	ug/l	92
8) Diethyl Ether	3.593	74	14098	20.159	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	30098	21.124	ug/l	98
10) Methyl Iodide	4.163	142	25448	24.373	ug/l	# 89
11) Tert butyl alcohol	5.052	59	8136	116.541	ug/l	# 86
12) 1,1-Dichloroethene	3.934	96	27330	19.435	ug/l	86
13) Acrolein	3.805	56	12956	88.847	ug/l	96
14) Allyl chloride	4.563	41	37716	19.501	ug/l	89
15) Acrylonitrile	5.252	53	33739	112.677	ug/l	97
16) Acetone	4.016	43	42030	125.341	ug/l	# 86
17) Carbon Disulfide	4.269	76	86028	18.082	ug/l	97
18) Methyl Acetate	4.563	43	23172	21.343	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	62582	20.976	ug/l	93
20) Methylene Chloride	4.799	84	42521	23.476	ug/l	85
21) trans-1,2-Dichloroethene	5.316	96	33371	20.951	ug/l	92
22) Diisopropyl ether	6.222	45	82996	20.535	ug/l	# 92
23) Vinyl Acetate	6.157	43	199098	100.876	ug/l	95
24) 1,1-Dichloroethane	6.116	63	56618	20.686	ug/l	98
25) 2-Butanone	7.081	43	47309	116.848	ug/l	88
26) 2,2-Dichloropropane	7.081	77	47503	20.671	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	37543	21.905	ug/l	91
28) Bromochloromethane	7.422	49	22340	20.199	ug/l	# 75
29) Tetrahydrofuran	7.446	42	22903	104.333	ug/l	89
30) Chloroform	7.599	83	60310	22.017	ug/l	89
31) Cyclohexane	7.881	56	46949	19.147	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	49887	20.659	ug/l	98
36) 1,1-Dichloropropene	8.004	75	43770	18.830	ug/l	96
37) Ethyl Acetate	7.163	43	14596	16.104	ug/l	98
38) Carbon Tetrachloride	7.993	117	45338	19.564	ug/l	96
39) Methylcyclohexane	9.269	83	52275	18.970	ug/l	94
40) Benzene	8.252	78	126898	19.234	ug/l	100

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Manual Integrations
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Quant Time: Dec 18 01:56:46 2023
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 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	10128	21.985	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	33948	19.851	ug/l	96
43) Isopropyl Acetate	8.357	43	30793	19.112	ug/l	97
44) Trichloroethene	9.028	130	35505	20.651	ug/l	99
45) 1,2-Dichloropropane	9.310	63	32493	20.260	ug/l	98
46) Dibromomethane	9.393	93	17097	20.147	ug/l	92
47) Bromodichloromethane	9.581	83	44298	20.595	ug/l #	93
48) Methyl methacrylate	9.381	41	17908	19.553	ug/l #	82
49) 1,4-Dioxane	9.381	88	3418	405.632	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	83770	101.874	ug/l	90
52) Toluene	10.334	92	81216	19.845	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	41114	19.905	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	50283	20.135	ug/l #	91
55) 1,1,2-Trichloroethane	10.728	97	24517	21.122	ug/l	93
56) Ethyl methacrylate	10.593	69	20776	20.304	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	41597	20.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	59514	101.990	ug/l	94
59) 2-Hexanone	10.922	43	69342	101.643	ug/l	90
60) Dibromochloromethane	11.075	129	30271	21.660	ug/l	98
61) 1,2-Dibromoethane	11.175	107	22037	20.168	ug/l	97
64) Tetrachloroethene	10.810	164	26212	18.921	ug/l	94
65) Chlorobenzene	11.604	112	87428	18.507	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	31680	20.212	ug/l	96
67) Ethyl Benzene	11.681	91	155017	19.754	ug/l	96
68) m/p-Xylenes	11.792	106	120245	40.060	ug/l	92
69) o-Xylene	12.122	106	56195	20.314	ug/l	94
70) Styrene	12.134	104	85521	20.791	ug/l	95
71) Bromoform	12.298	173	17703	21.616	ug/l #	98
73) Isopropylbenzene	12.422	105	145475	19.417	ug/l	95
74) N-amyl acetate	12.234	43	27872	18.925	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27756	21.247	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	17658m	20.568	ug/l	
77) Bromobenzene	12.698	156	34033	19.312	ug/l	88
78) n-propylbenzene	12.763	91	183887	20.142	ug/l	96
79) 2-Chlorotoluene	12.851	91	96352	19.694	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	123800	19.812	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	8632	20.371	ug/l	99
82) 4-Chlorotoluene	12.945	91	105194	20.567	ug/l	97
83) tert-Butylbenzene	13.163	119	107535	20.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	124248	19.880	ug/l	98
85) sec-Butylbenzene	13.345	105	156040	20.011	ug/l	97
86) p-Isopropyltoluene	13.457	119	137105	19.638	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	71047	19.715	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	71219	18.798	ug/l	98
89) n-Butylbenzene	13.787	91	131243	19.978	ug/l	98
90) Hexachloroethane	14.051	117	27533	21.444	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	61483	20.060	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3700	18.943	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	37505	17.915	ug/l	98
94) Hexachlorobutadiene	15.204	225	20600	18.248	ug/l	95
95) Naphthalene	15.328	128	67541	19.417	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	32983	19.110	ug/l	99

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ClientSampleId :
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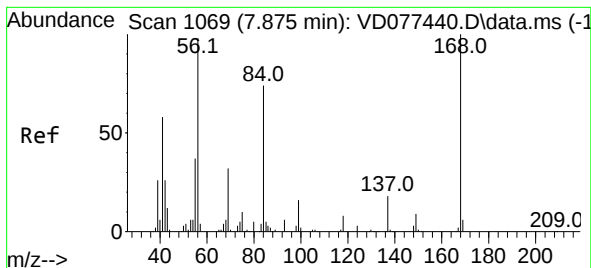
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 01:56:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion:168 Resp: 11698

Ion Ratio Lower Upper

168 100

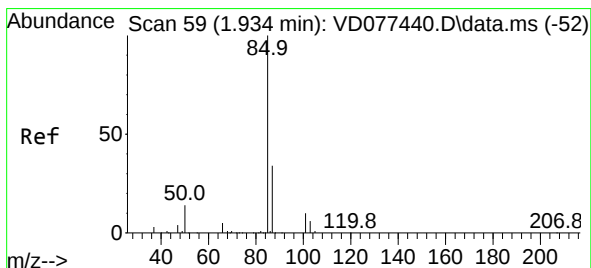
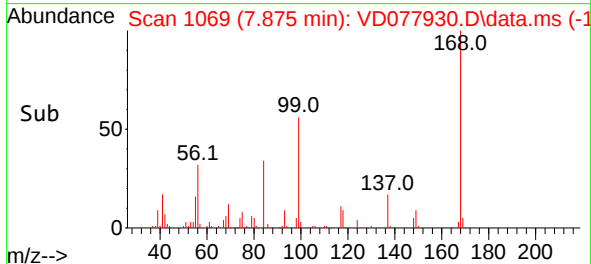
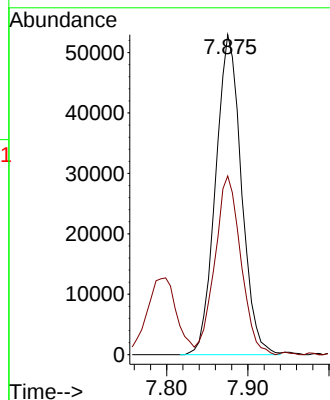
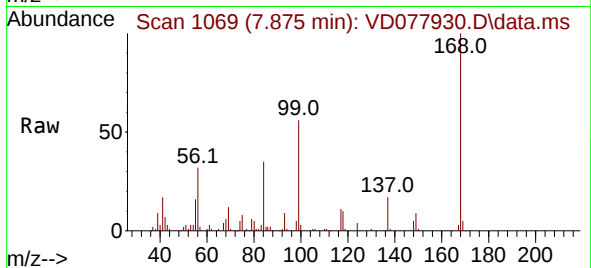
99 55.4 36.7 55.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#2

Dichlorodifluoromethane

Concen: 20.484 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077930.D

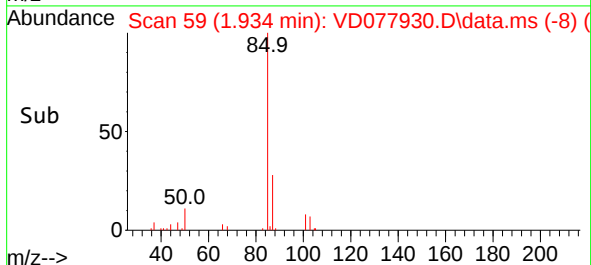
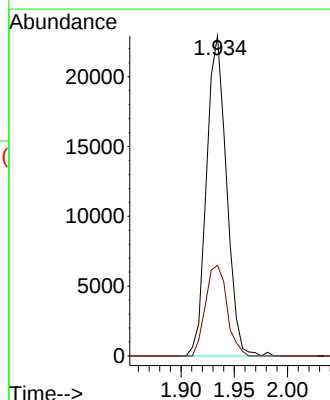
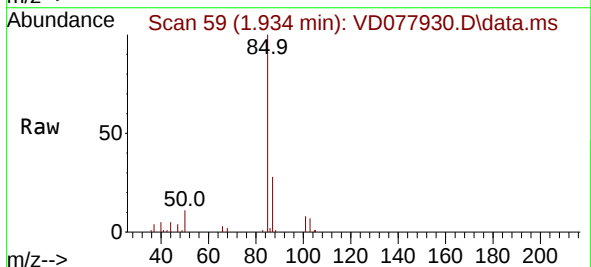
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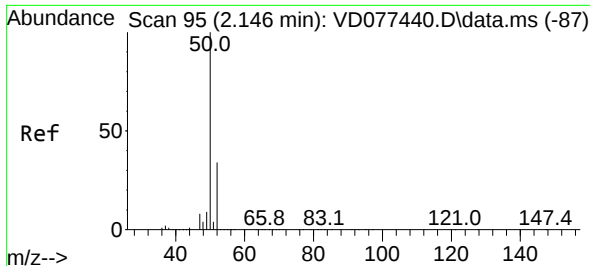
Tgt Ion: 85 Resp: 29935

Ion Ratio Lower Upper

85 100

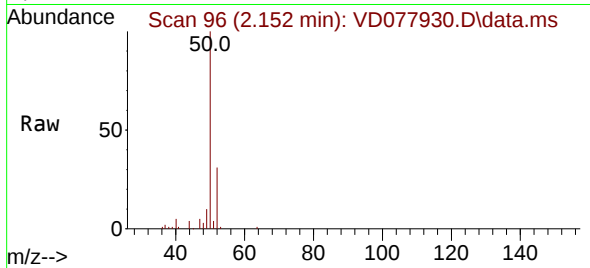
87 28.3 15.7 47.0





#3
Chloromethane
Concen: 22.279 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

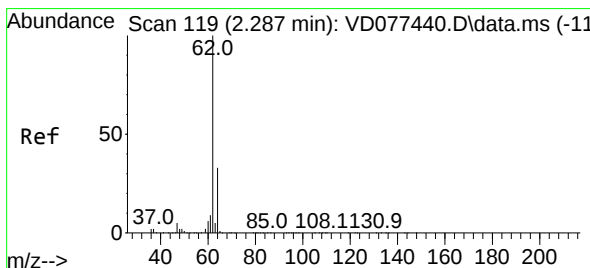
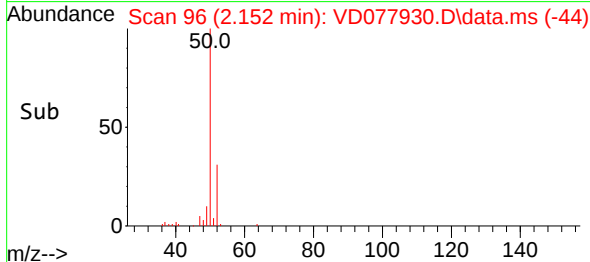
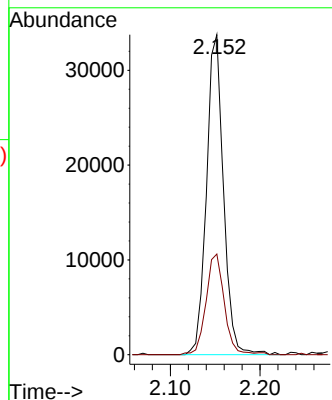
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 50 Resp: 44378
Ion Ratio Lower Upper
50 100
52 31.4 26.6 40.0

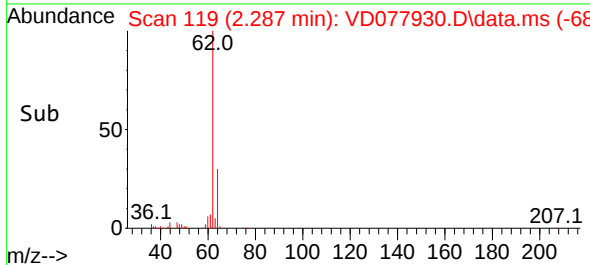
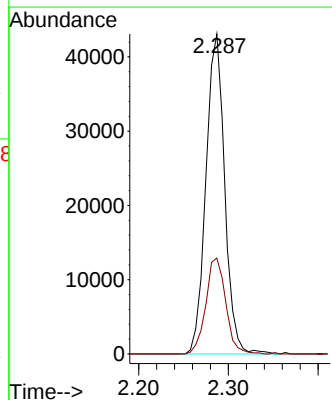
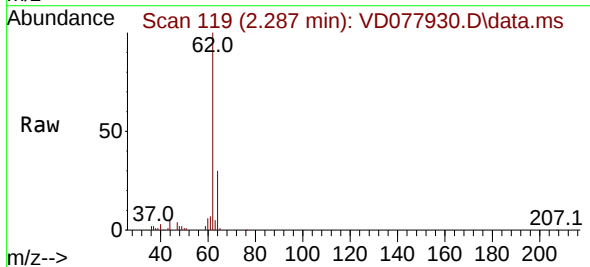
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Supervised By :Semsettin Yesilyurt 12/18/2023



#4
Vinyl Chloride
Concen: 23.121 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

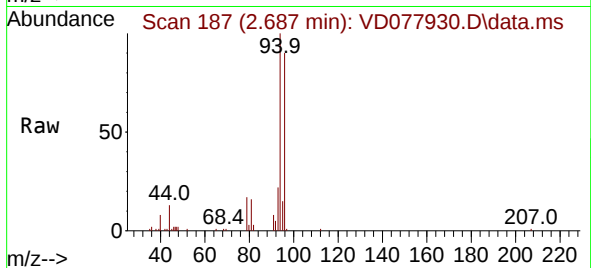
Tgt Ion: 62 Resp: 62523
Ion Ratio Lower Upper
62 100
64 29.9 26.0 39.0





#5
Bromomethane
Concen: 25.849 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

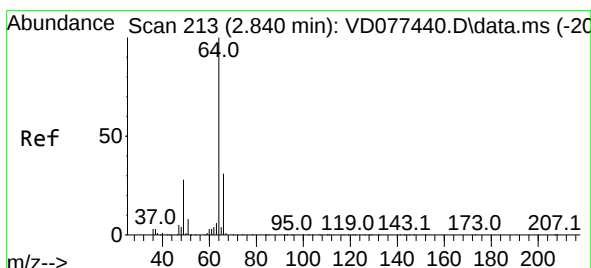
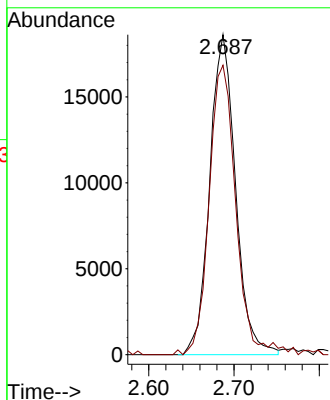
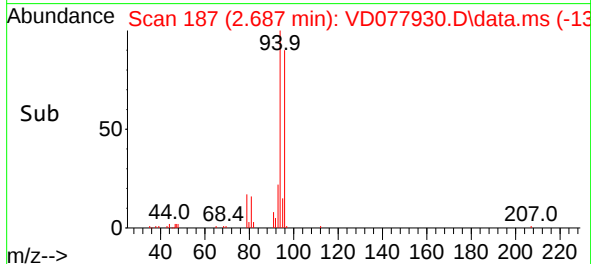
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 94 Resp: 3922
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8

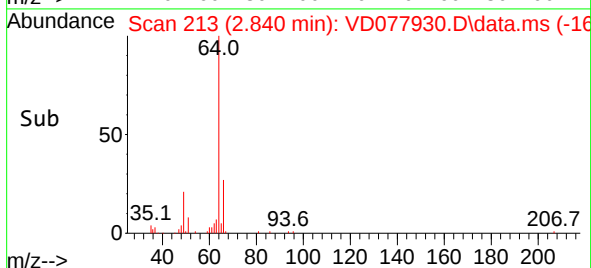
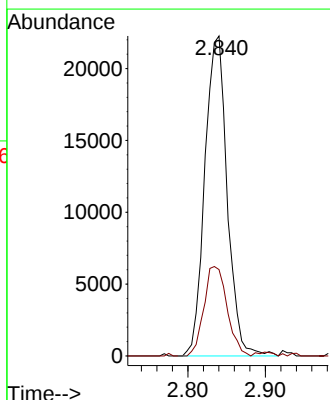
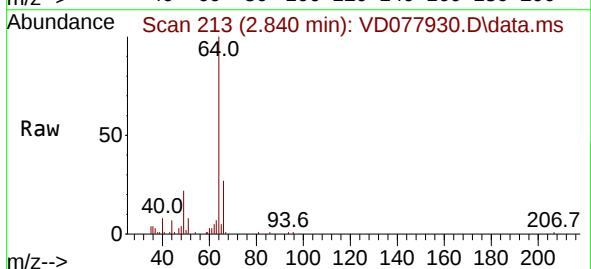
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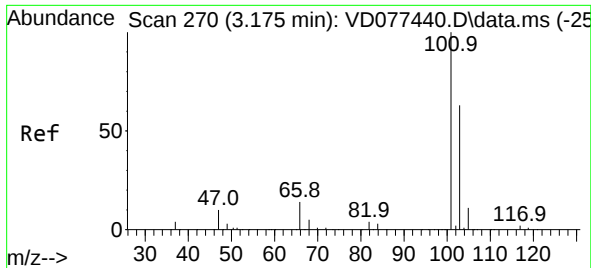
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#6
Chloroethane
Concen: 24.259 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 64 Resp: 44725
Ion Ratio Lower Upper
64 100
66 27.0 25.5 38.3





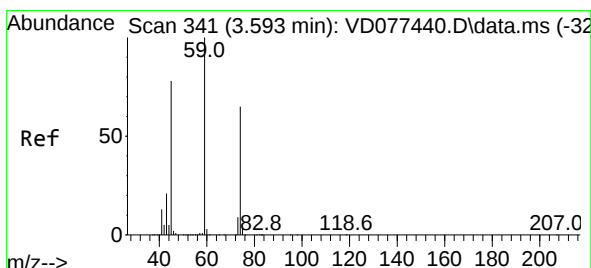
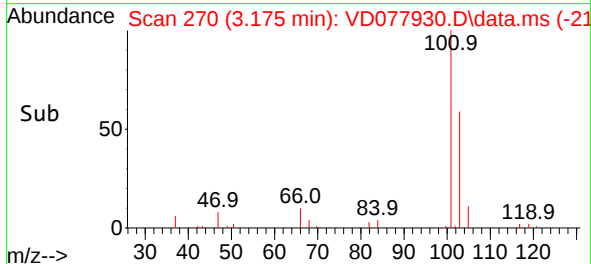
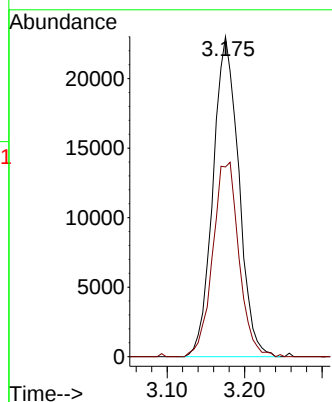
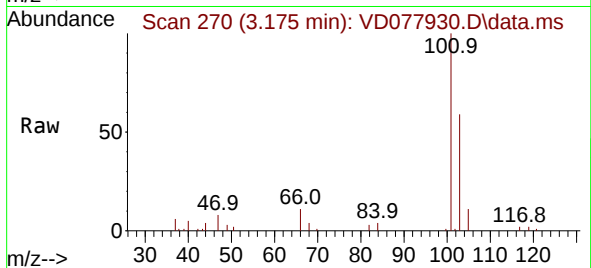
#7
Trichlorofluoromethane
Concen: 21.362 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion:101 Resp: 5320
Ion Ratio Lower Upper
101 100
103 59.3 52.3 78.5

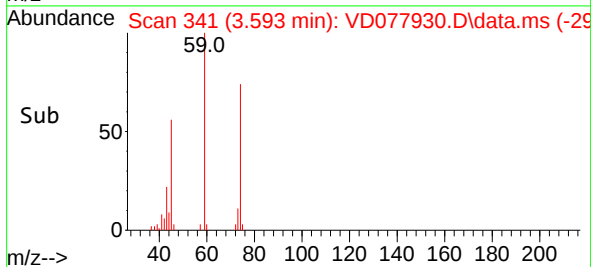
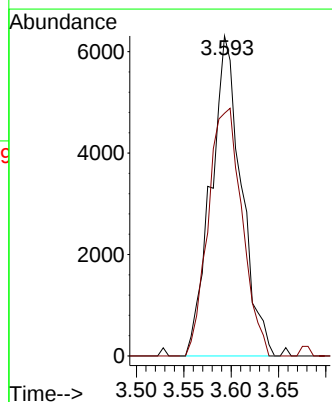
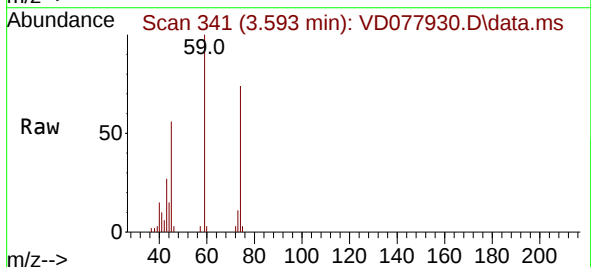
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#8
Diethyl Ether
Concen: 20.159 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 74 Resp: 14098
Ion Ratio Lower Upper
74 100
45 86.4 37.5 112.7





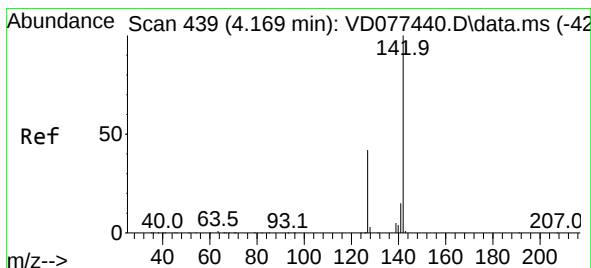
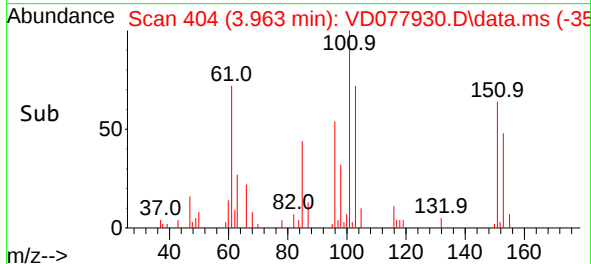
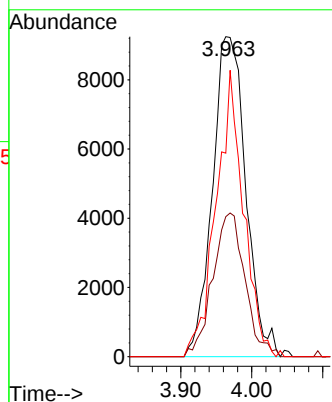
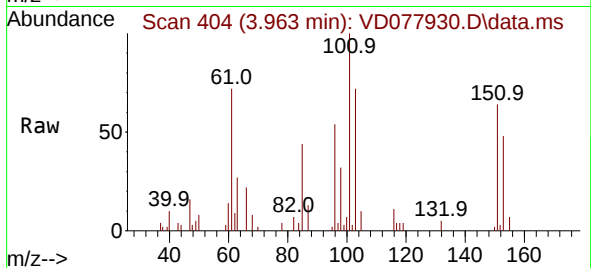
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.124 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 30098
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 73.5 59.8 89.6

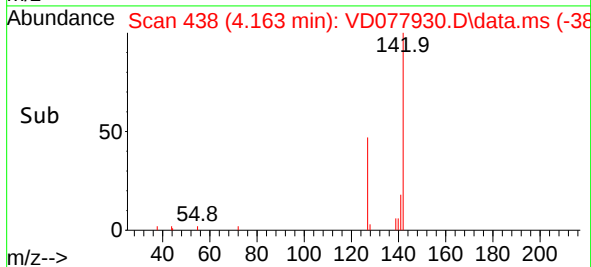
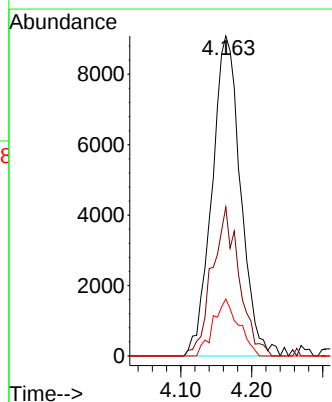
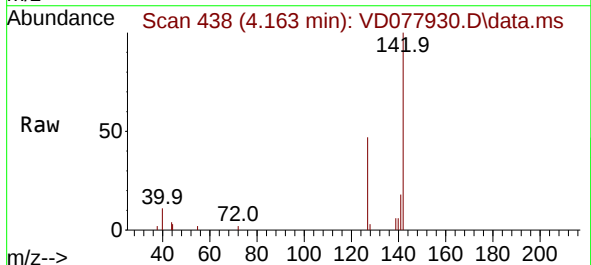
Manual Integrations
APPROVED

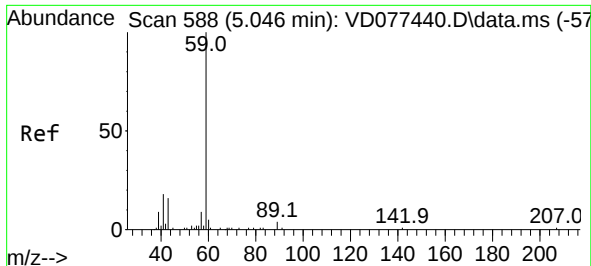
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 24.373 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

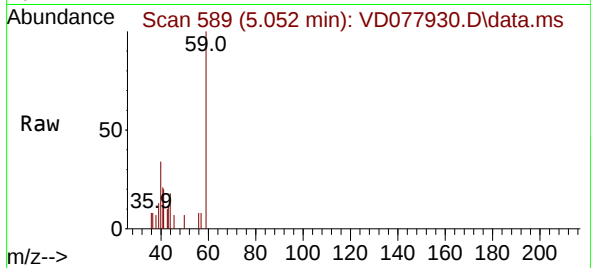
Tgt Ion:142 Resp: 25448
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 15.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 116.541 ug/l
RT: 5.052 min Scan# 501
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

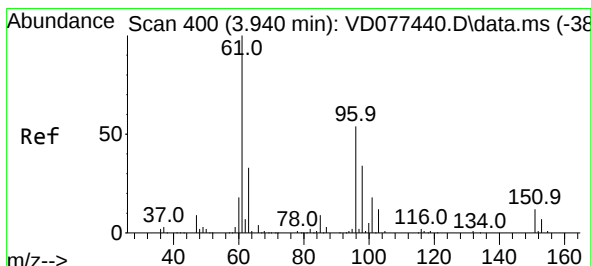
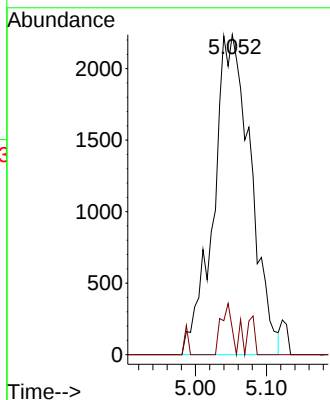
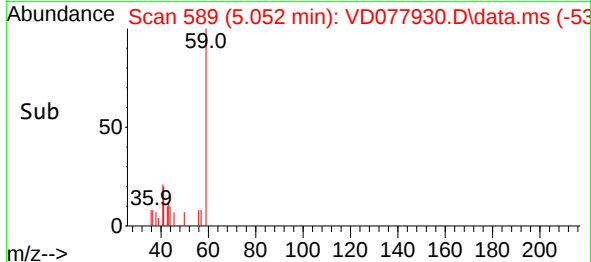
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



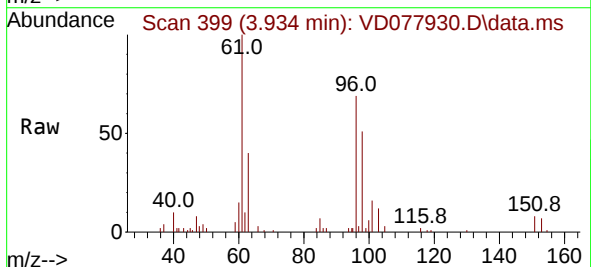
Tgt Ion: 59 Resp: 8130
Ion Ratio Lower Upper
59 100
57 4.5 7.8 11.8

Manual Integrations
APPROVED

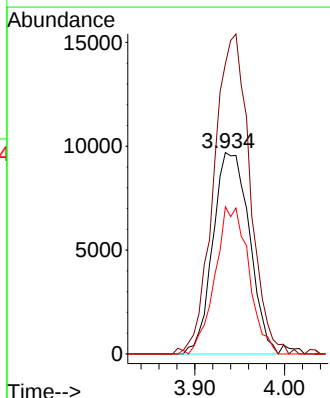
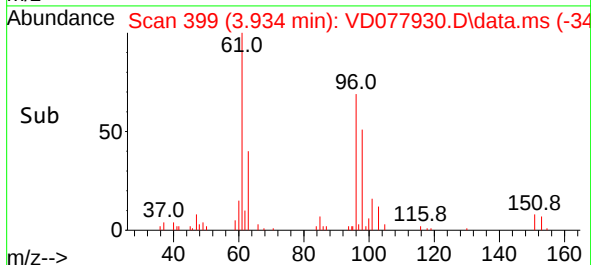
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#12
1,1-Dichloroethene
Concen: 19.435 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17



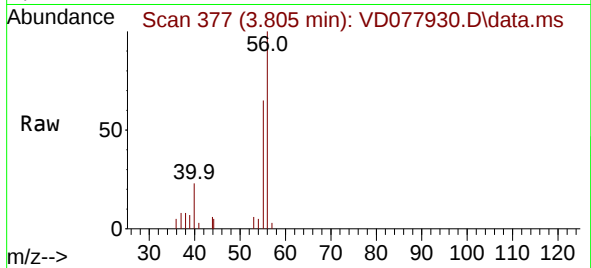
Tgt Ion: 96 Resp: 27330
Ion Ratio Lower Upper
96 100
61 141.3 100.6 150.8
98 73.1 50.2 75.2





#13
Acrolein
Concen: 88.847 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

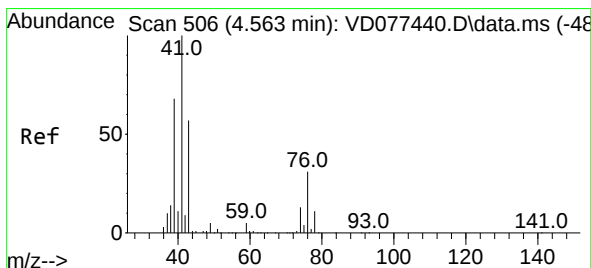
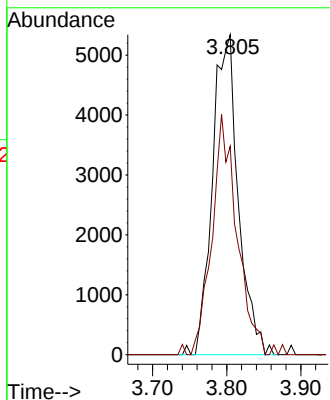
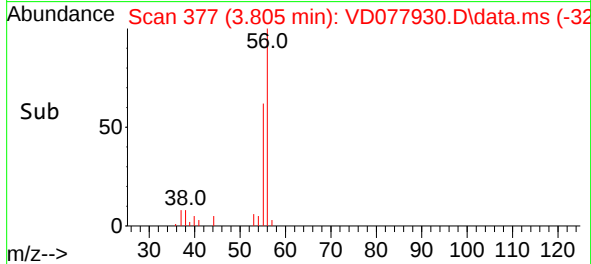
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 56 Resp: 12950
Ion Ratio Lower Upper
56 100
55 72.1 55.1 82.7

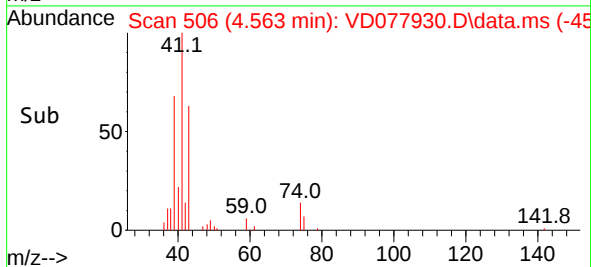
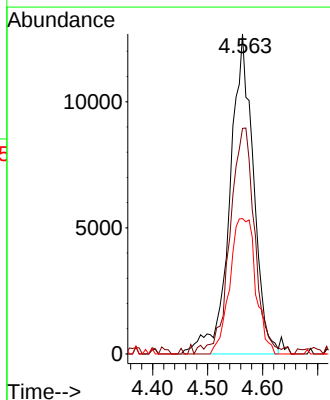
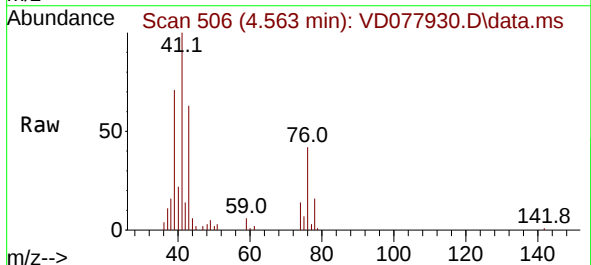
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 19.501 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

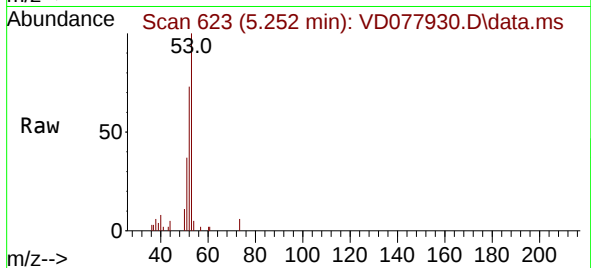
Tgt Ion: 41 Resp: 37716
Ion Ratio Lower Upper
41 100
39 73.6 53.8 80.6
76 46.5 45.8 68.8





#15
Acrylonitrile
Concen: 112.677 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

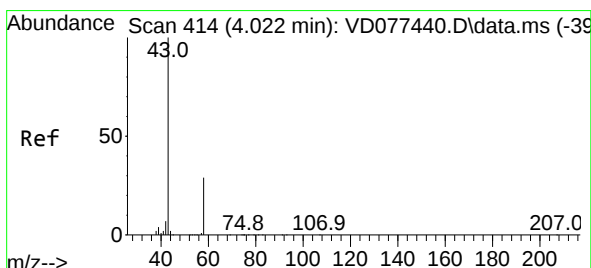
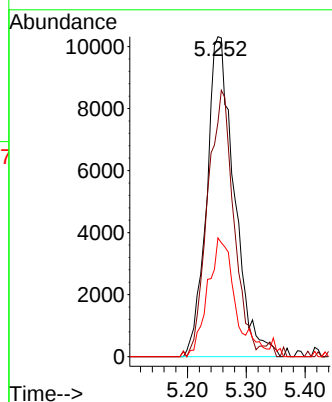
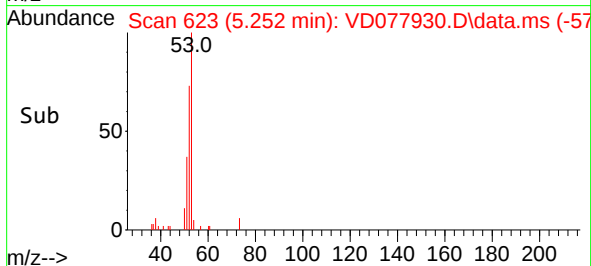
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 53 Resp: 33739
Ion Ratio Lower Upper
53 100
52 78.9 65.0 97.4
51 37.4 28.3 42.5

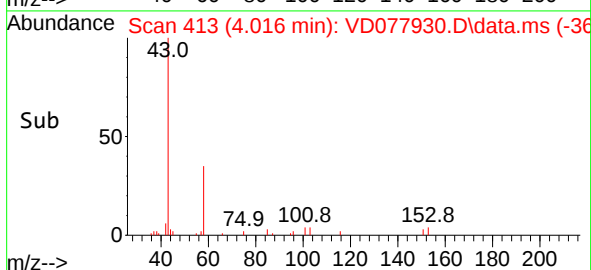
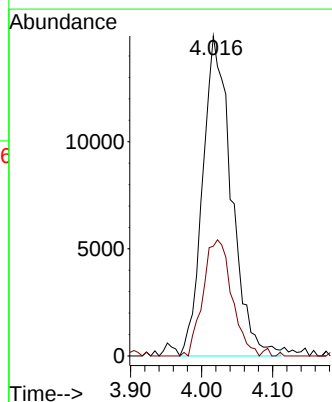
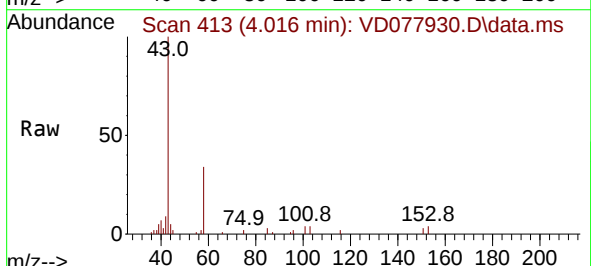
Manual Integrations
APPROVED

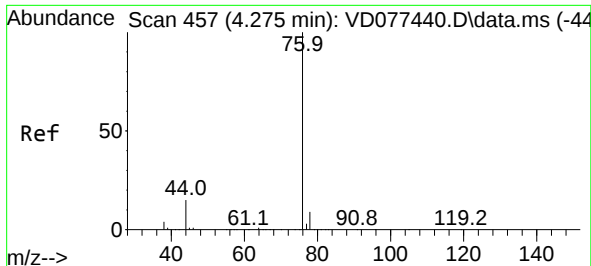
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 125.341 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 43 Resp: 42030
Ion Ratio Lower Upper
43 100
58 34.3 34.7 52.1#





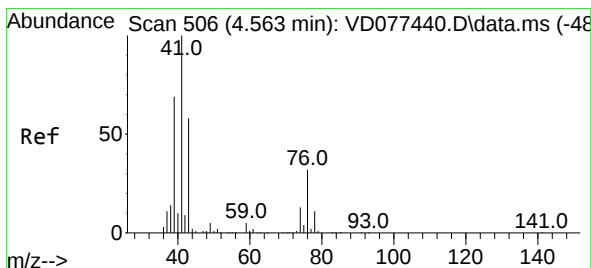
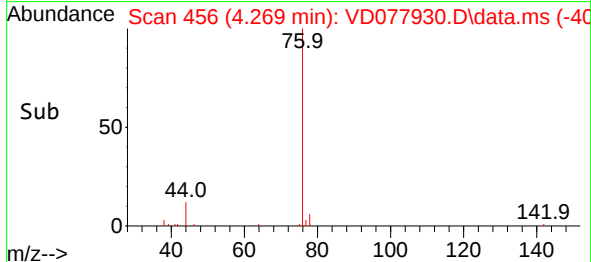
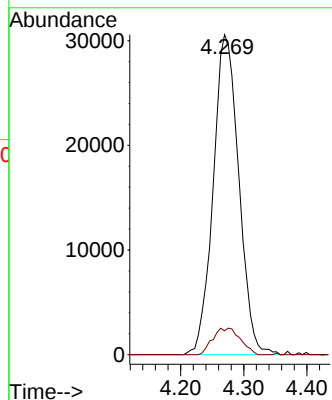
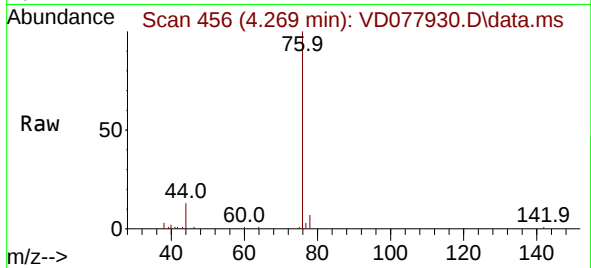
#17
Carbon Disulfide
Concen: 18.082 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion: 76 Resp: 86028
Ion Ratio Lower Upper
76 100
78 7.4 6.8 10.2

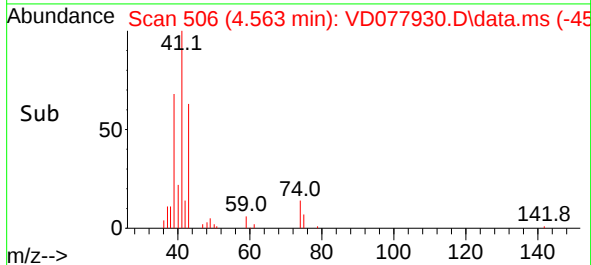
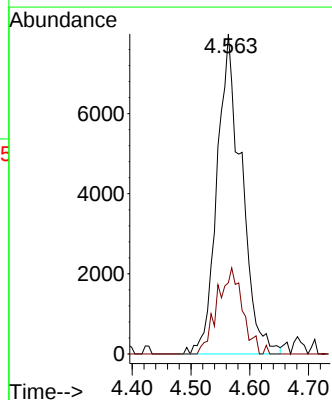
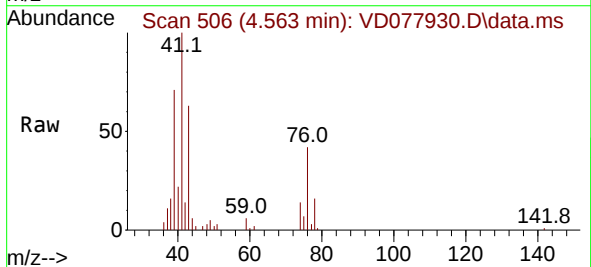
Manual Integrations
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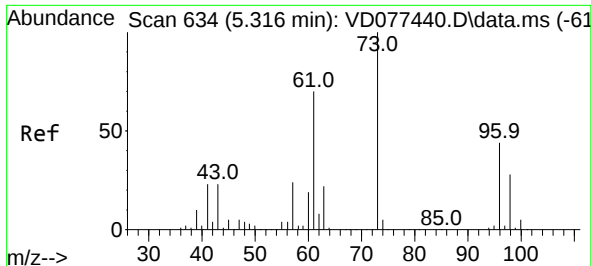
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#18
Methyl Acetate
Concen: 21.343 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

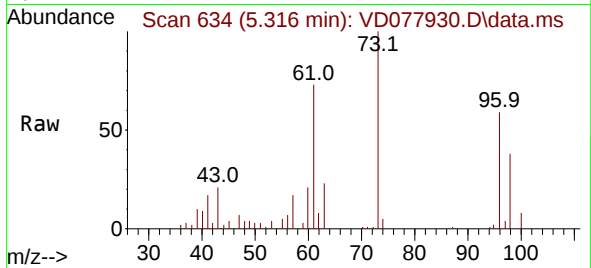
Tgt Ion: 43 Resp: 23172
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 20.976 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

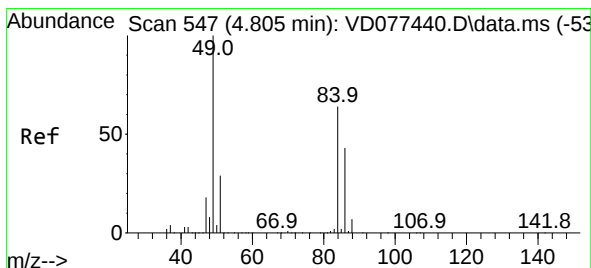
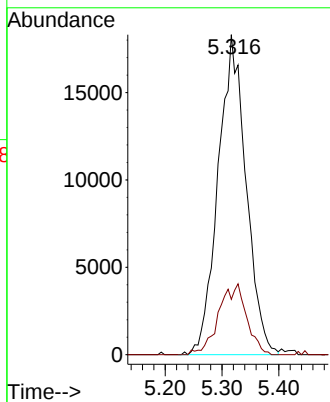
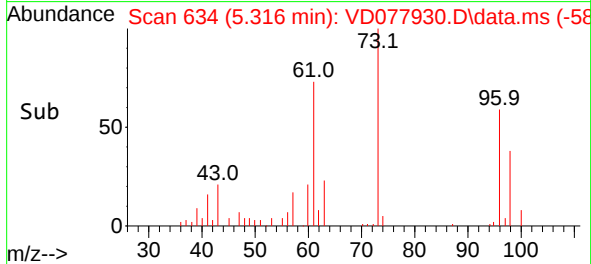
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 73 Resp: 6258
Ion Ratio Lower Upper
73 100
57 17.3 16.6 25.0

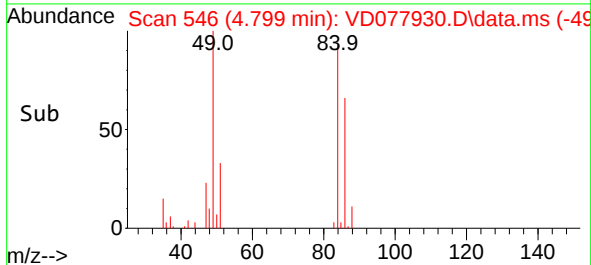
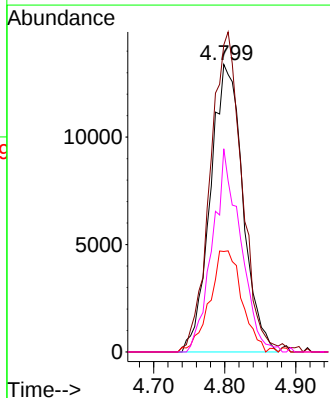
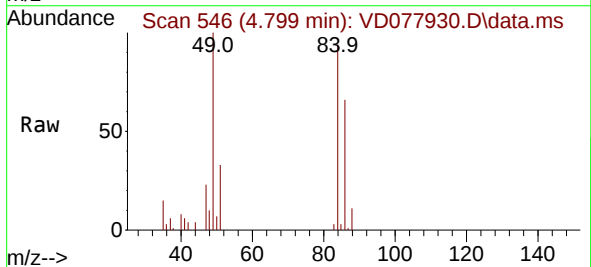
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 23.476 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

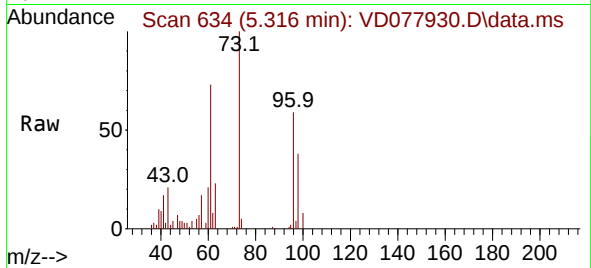
Tgt Ion: 84 Resp: 42521
Ion Ratio Lower Upper
84 100
49 106.8 71.4 107.2
51 34.9 24.5 36.7
86 70.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.951 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

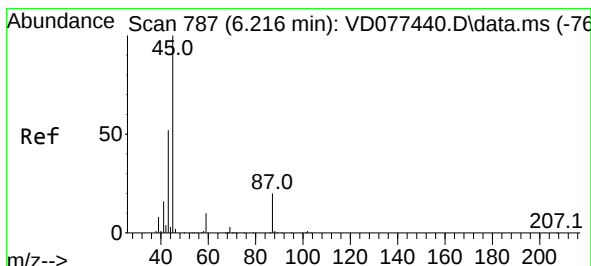
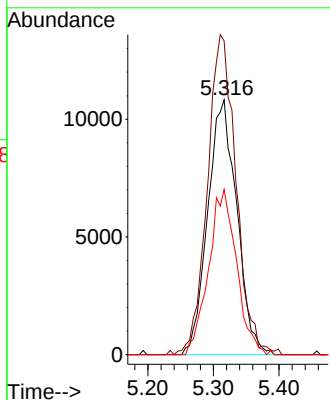
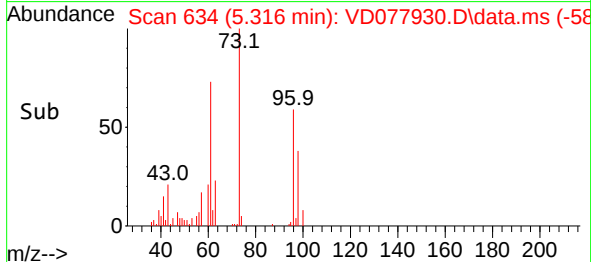
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 96 Resp: 3337
Ion Ratio Lower Upper
96 100
61 121.7 89.3 133.9
98 64.8 48.6 73.0

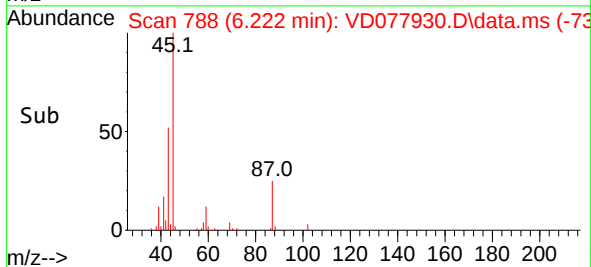
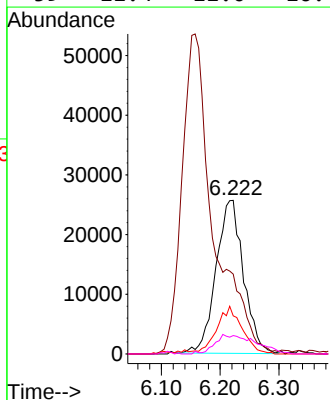
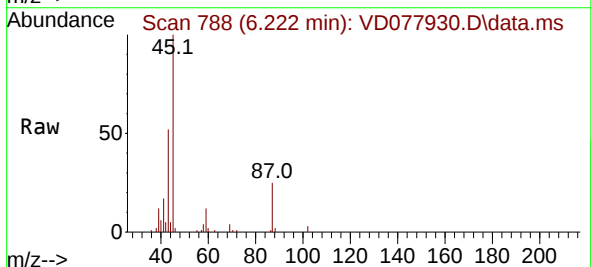
Manual Integrations
APPROVED

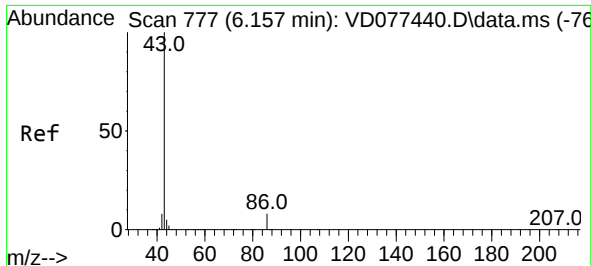
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 20.535 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

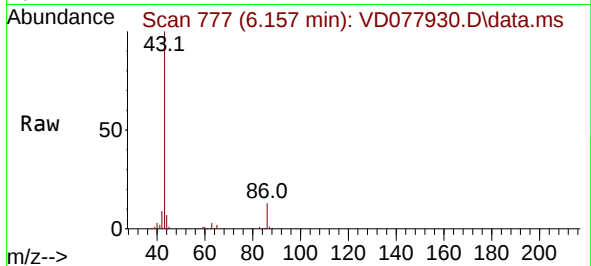
Tgt Ion: 45 Resp: 82996
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 24.9 28.2 42.4#
59 11.4 11.0 16.4





#23
 Vinyl Acetate
 Concen: 100.876 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

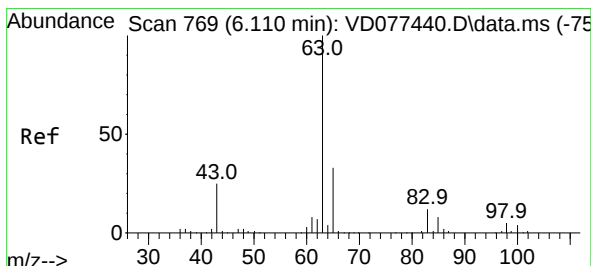
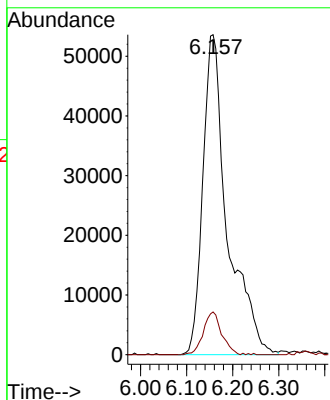
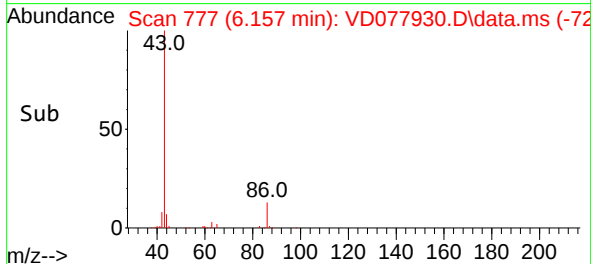
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01



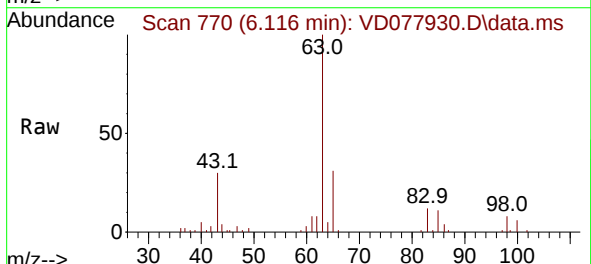
Tgt Ion: 43 Resp: 199098
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7

Manual Integrations
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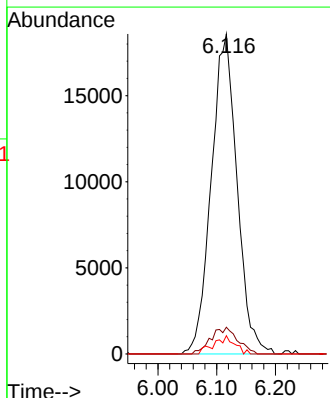
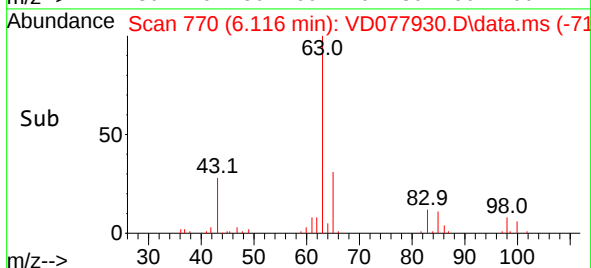
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

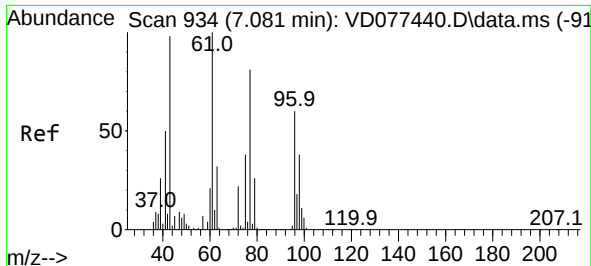


#24
 1,1-Dichloroethane
 Concen: 20.686 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17



Tgt Ion: 63 Resp: 56618
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.5 13.7
 100 5.7 2.5 7.5





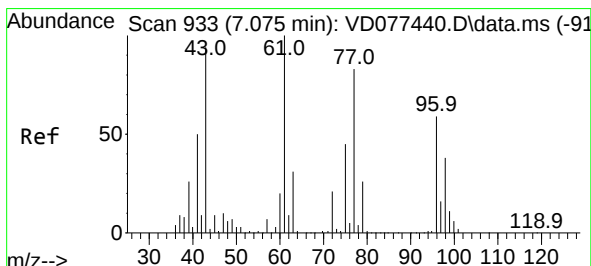
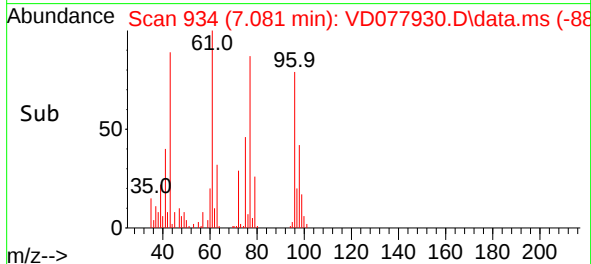
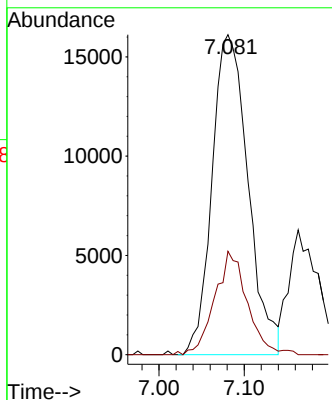
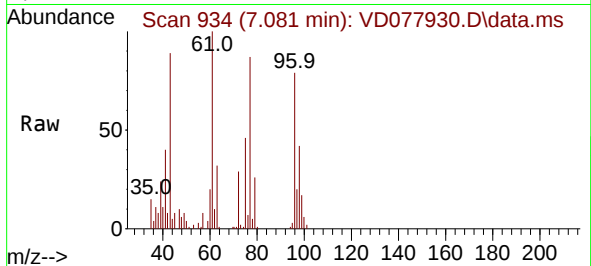
#25
2-Butanone
Concen: 116.848 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion: 43 Resp: 47309
Ion Ratio Lower Upper
43 100
72 31.3 30.7 46.1

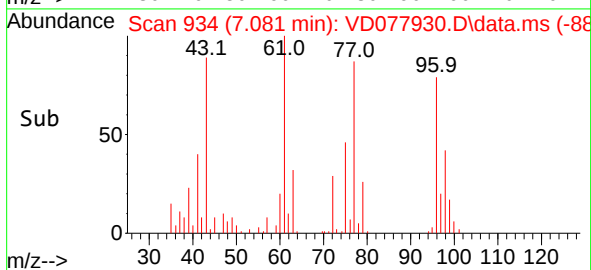
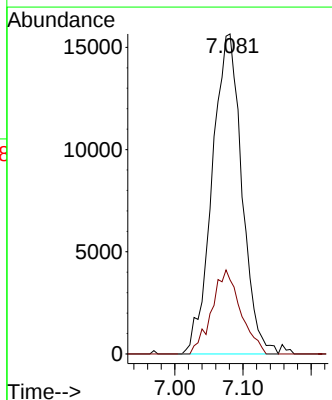
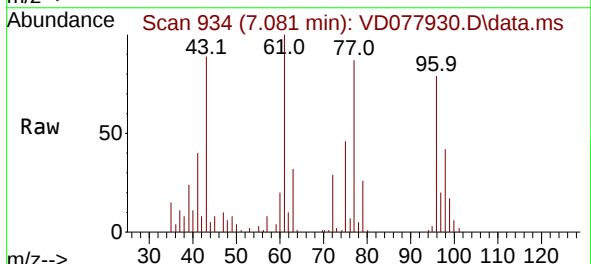
Manual Integrations
APPROVED

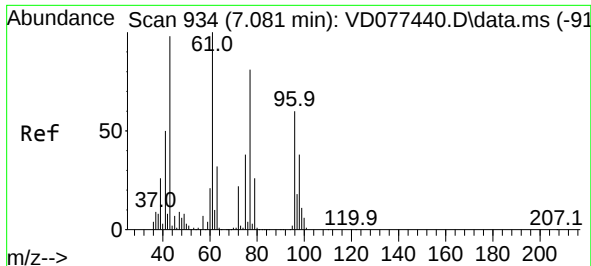
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#26
2,2-Dichloropropane
Concen: 20.671 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

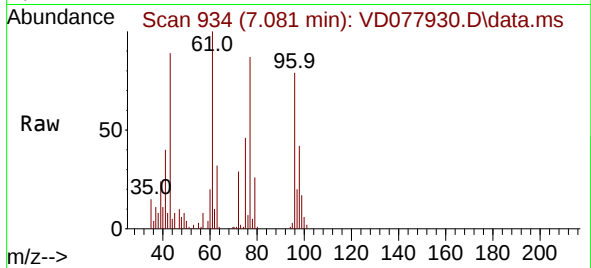
Tgt Ion: 77 Resp: 47503
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.905 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

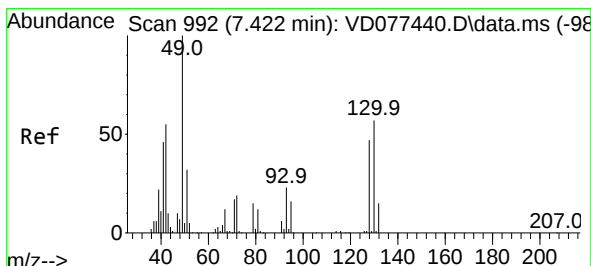
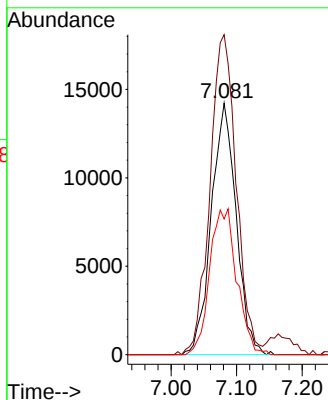
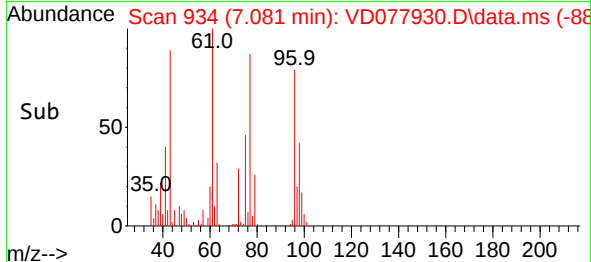
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01



Tgt Ion: 96 Resp: 3754
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 239.2
 98 63.2 0.0 128.6

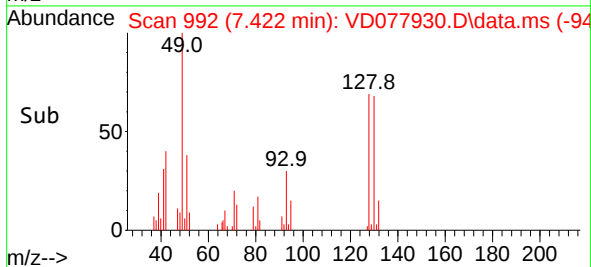
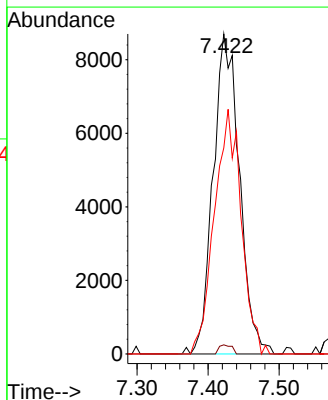
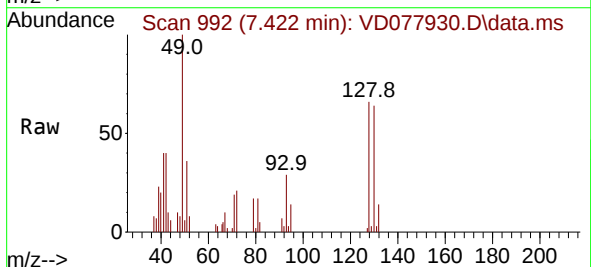
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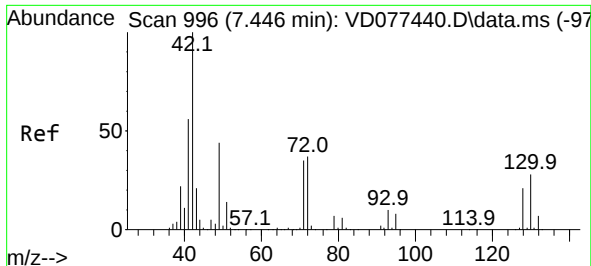
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#28
 Bromochloromethane
 Concen: 20.199 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

Tgt Ion: 49 Resp: 22340
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 78.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 104.333 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

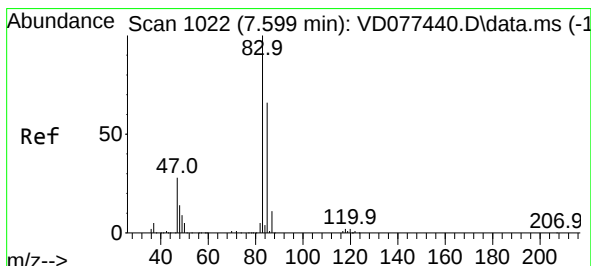
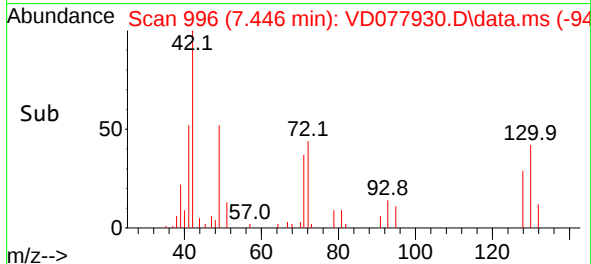
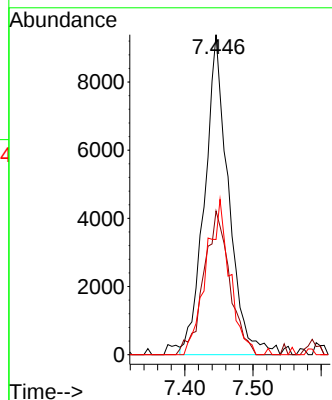
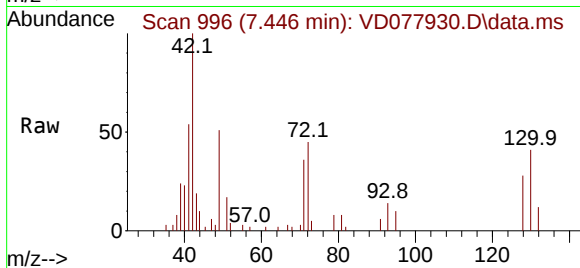
VD1216SBS01

Tgt Ion:	42	Resp:	2290
Ion Ratio	Lower	Upper	
42	100		
72	48.9	46.5	69.7
71	48.1	44.5	66.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 22.017 ug/l

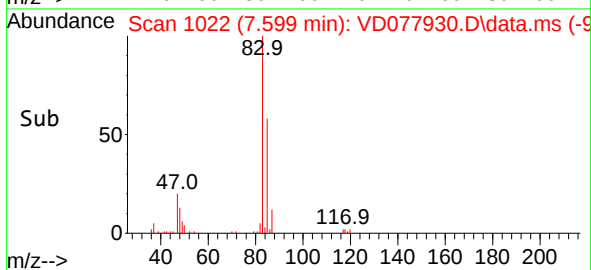
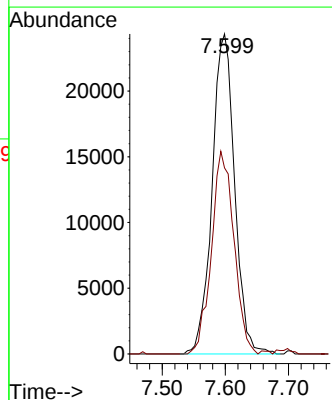
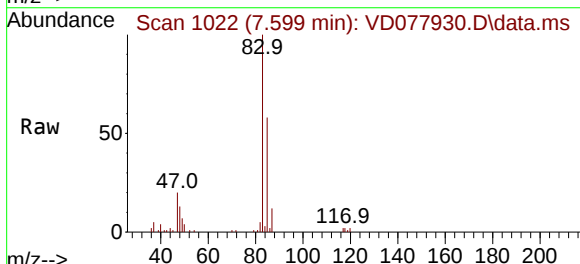
RT: 7.599 min Scan# 1022

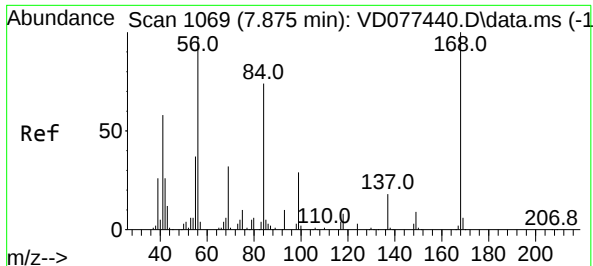
Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

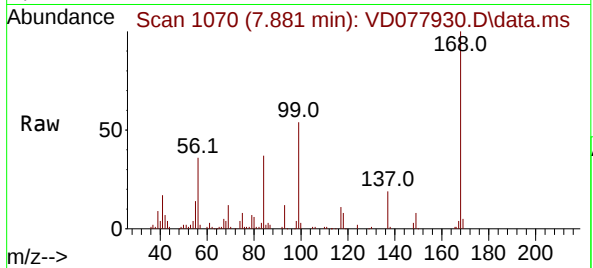
Tgt Ion:	83	Resp:	60310
Ion Ratio	Lower	Upper	
83	100		
85	58.2	53.4	80.2





#31
Cyclohexane
Concen: 19.147 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

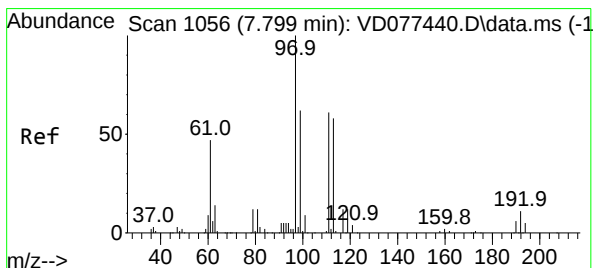
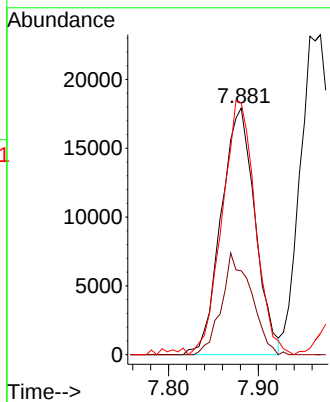
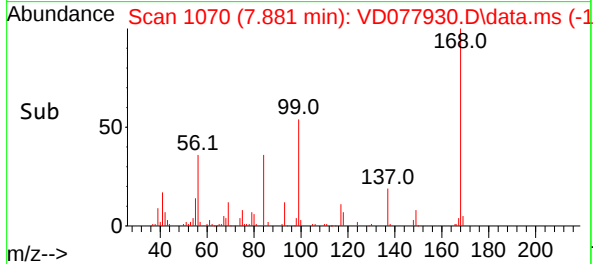
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 56 Resp: 46949
Ion Ratio Lower Upper
56 100
69 34.0 28.6 43.0
84 100.8 84.8 127.2

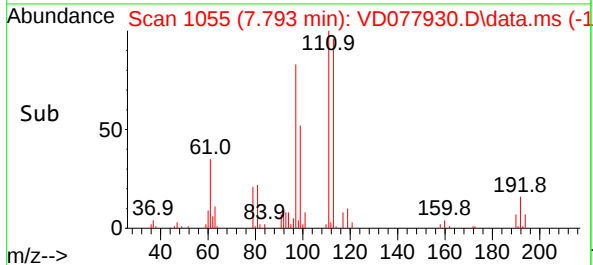
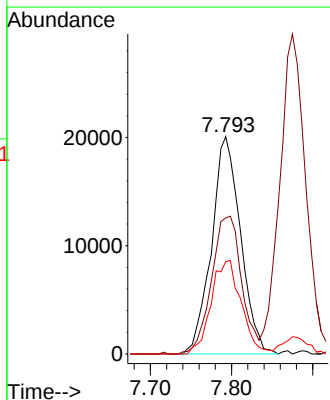
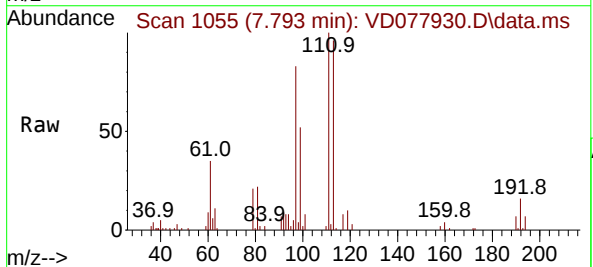
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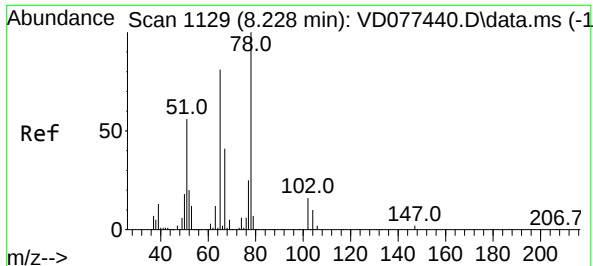
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#32
1,1,1-Trichloroethane
Concen: 20.659 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 97 Resp: 49887
Ion Ratio Lower Upper
97 100
99 65.8 52.0 78.0
61 44.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.071 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion: 65 Resp: 7178

Ion Ratio Lower Upper

65 100

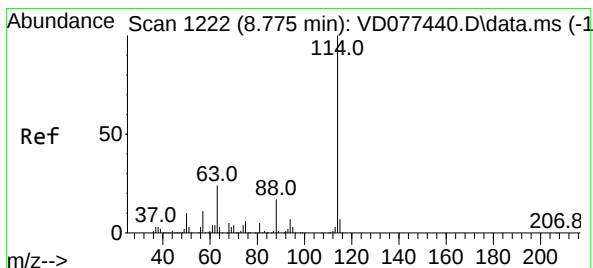
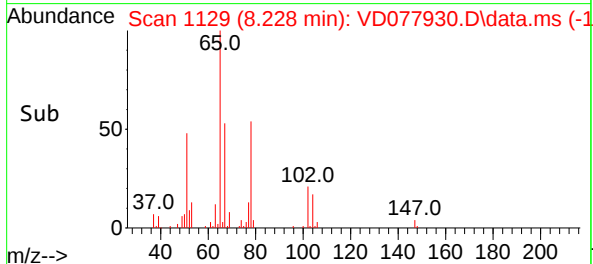
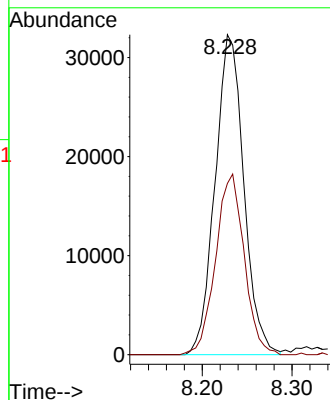
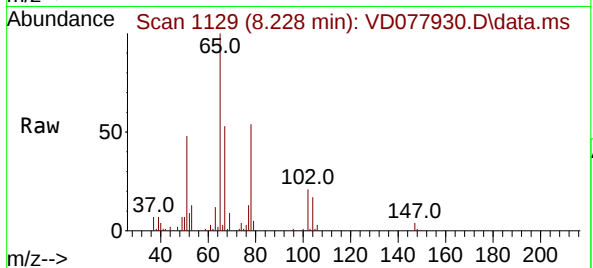
67 56.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

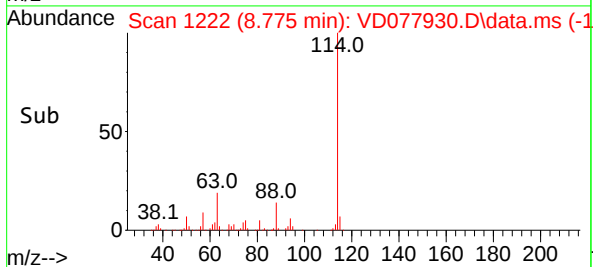
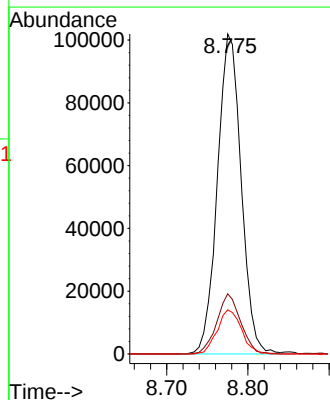
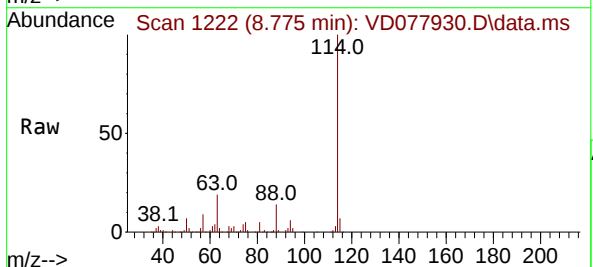
Tgt Ion:114 Resp: 207465

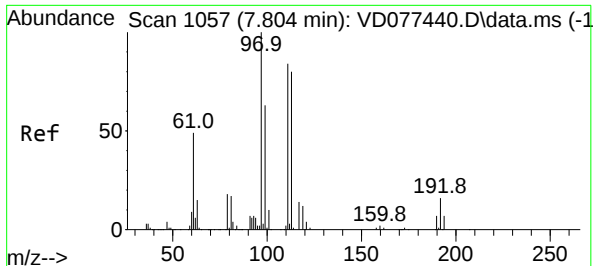
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.750 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

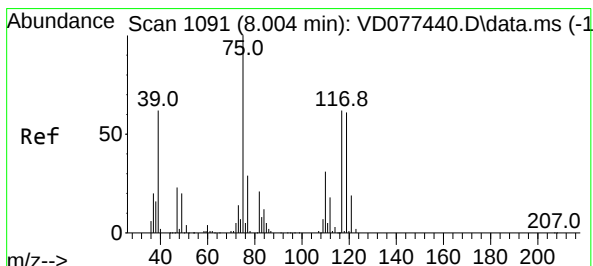
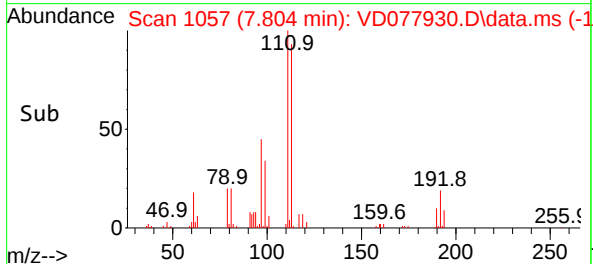
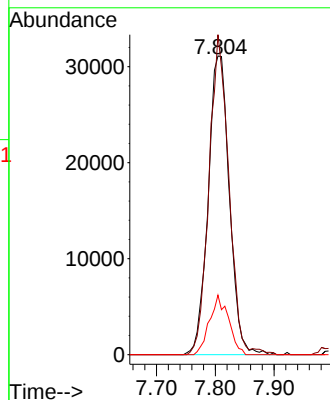
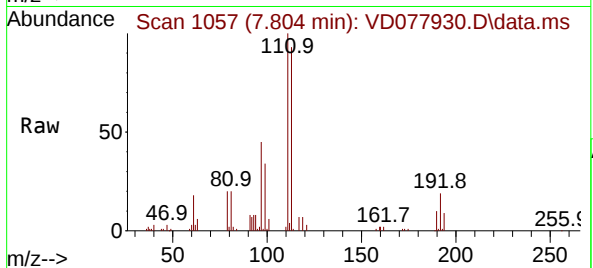
VD1216SBS01

Tgt Ion:	113	Resp:	7811
Ion Ratio	Lower	Upper	
113	100		
111	100.2	84.7	127.1
192	17.8	16.8	25.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#36

1,1-Dichloropropene

Concen: 18.830 ug/l

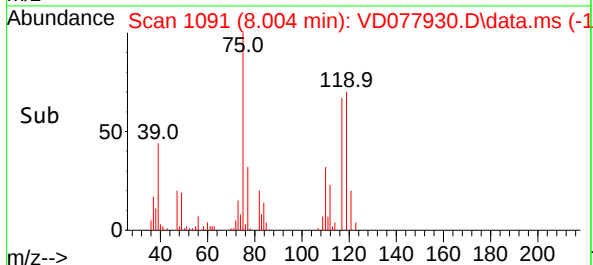
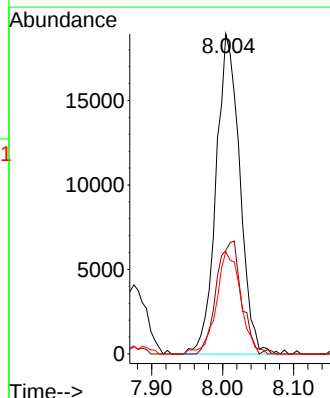
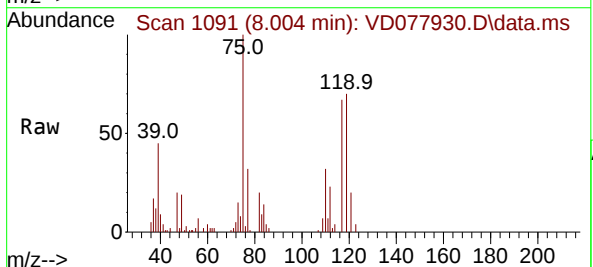
RT: 8.004 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

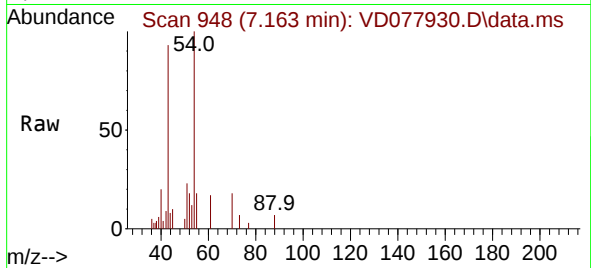
Tgt Ion:	75	Resp:	43770
Ion Ratio	Lower	Upper	
75	100		
110	37.2	19.9	59.6
77	32.9	24.7	37.1





#37
Ethyl Acetate
Concen: 16.104 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

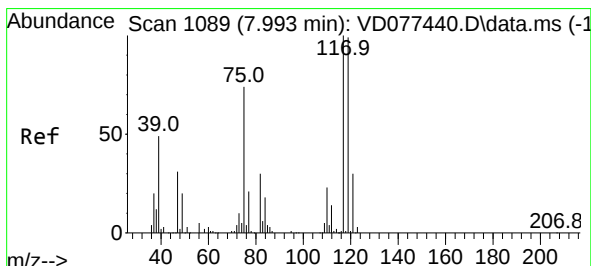
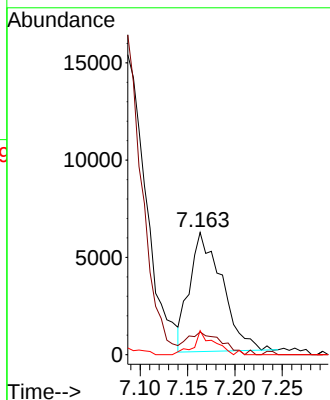
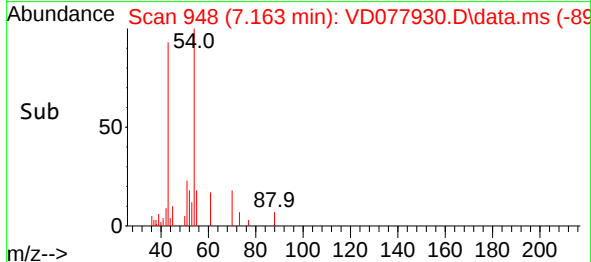
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 43 Resp: 14590
Ion Ratio Lower Upper
43 100
61 20.3 14.9 22.3
70 12.7 10.0 15.0

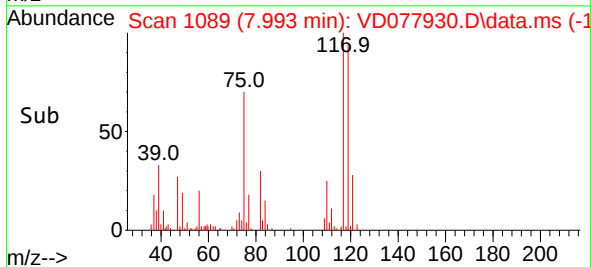
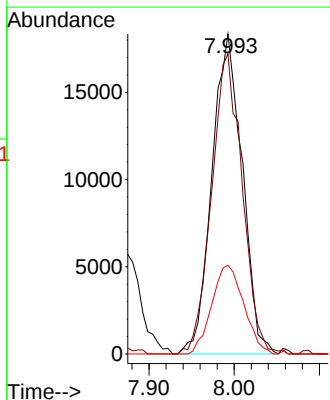
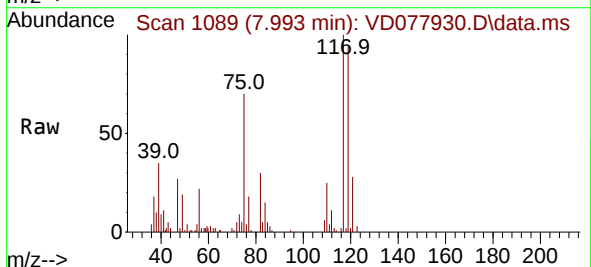
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38
Carbon Tetrachloride
Concen: 19.564 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion:117 Resp: 45338
Ion Ratio Lower Upper
117 100
119 93.8 78.0 117.0
121 27.7 24.2 36.2





#39

Methylcyclohexane

Concen: 18.970 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

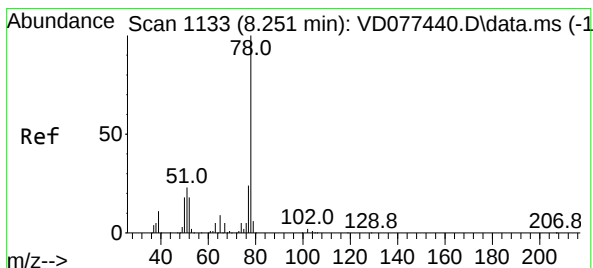
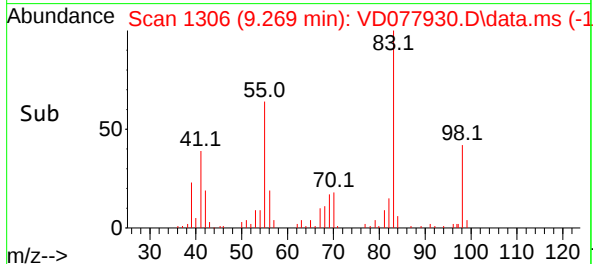
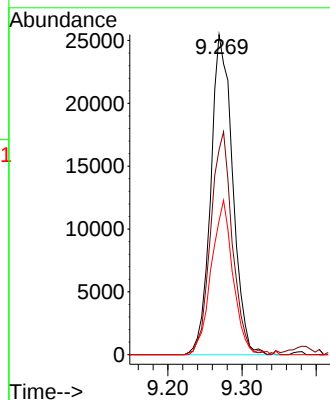
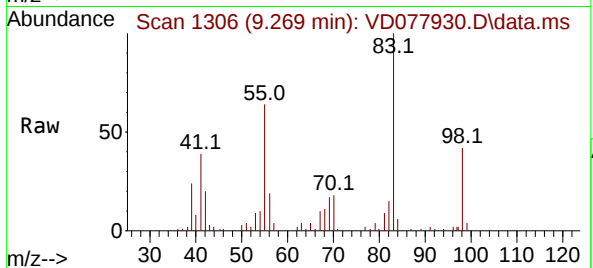
Tgt Ion: 83 Resp: 52275

Ion	Ratio	Lower	Upper
83	100		
55	64.0	49.4	74.0
98	41.9	38.4	57.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40

Benzene

Concen: 19.234 ug/l

RT: 8.252 min Scan# 1133

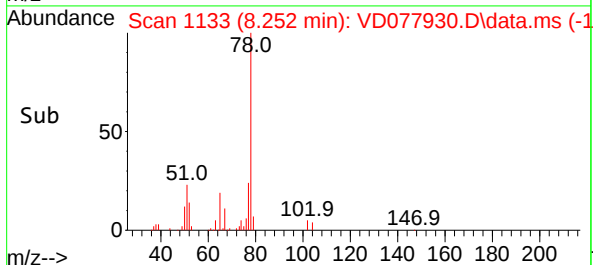
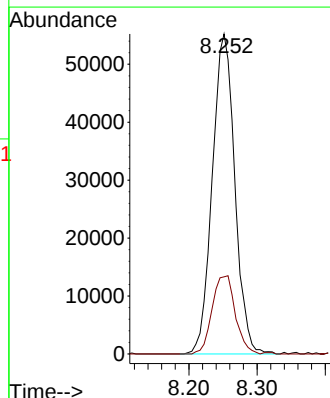
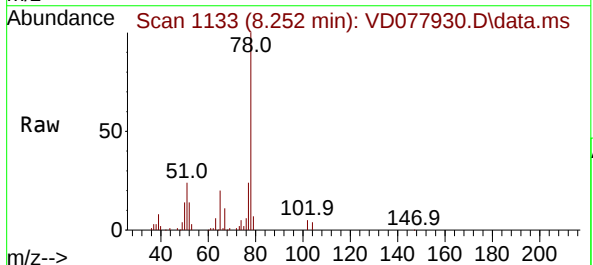
Delta R.T. 0.001 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Tgt Ion: 78 Resp: 126898

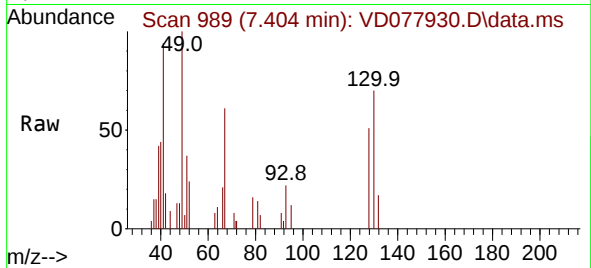
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





#41
Methacrylonitrile
Concen: 21.985 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

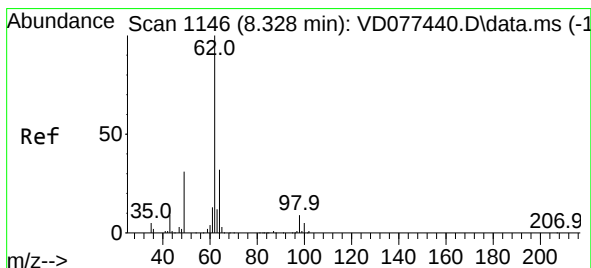
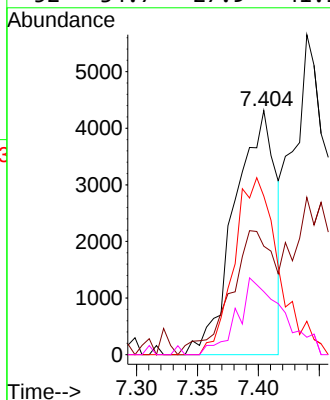
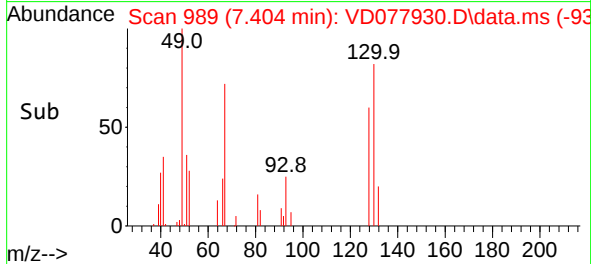
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 41 Resp: 10128
Ion Ratio Lower Upper
41 100
39 53.9 34.0 51.0
67 78.8 77.0 115.4
52 34.7 27.9 41.9

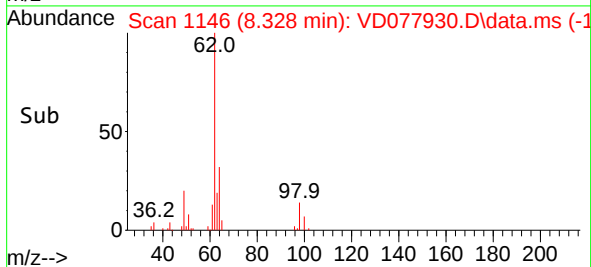
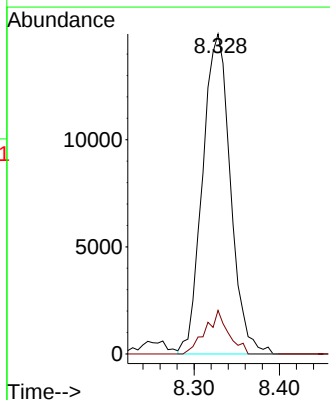
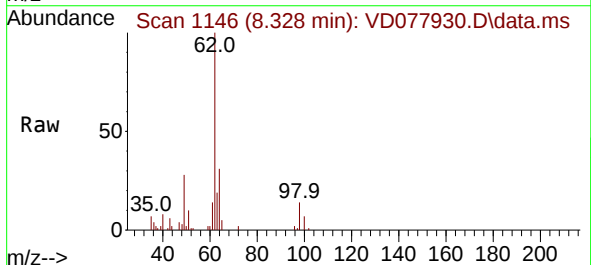
Manual Integrations
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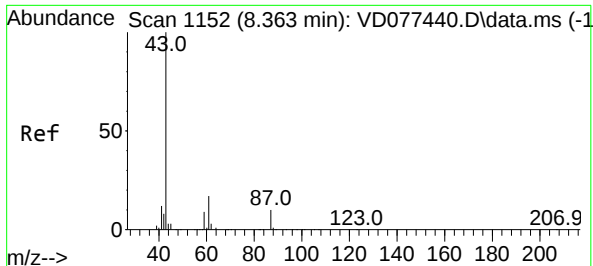
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 19.851 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 62 Resp: 33948
Ion Ratio Lower Upper
62 100
98 11.2 0.0 25.4





#43

Isopropyl Acetate

Concen: 19.112 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

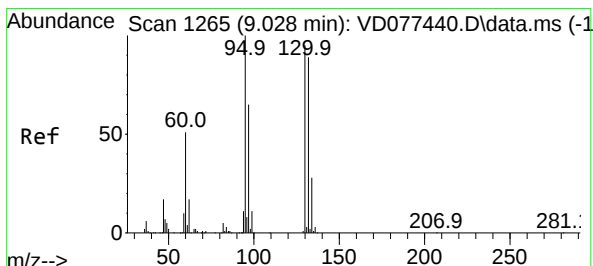
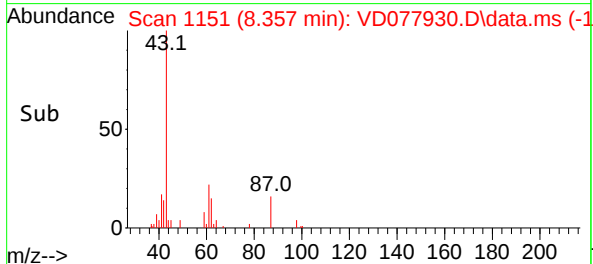
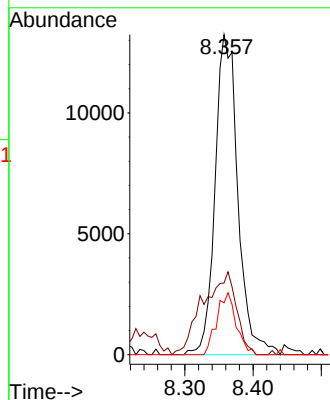
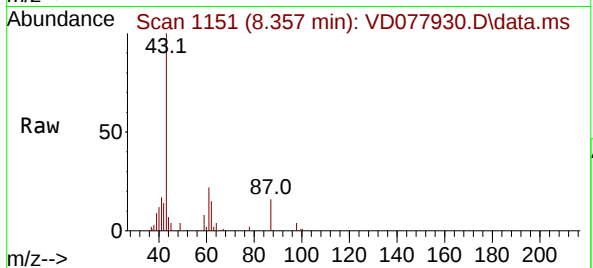
VD1216SBS01

Tgt Ion:	43	Resp:	3079
Ion	Ratio	Lower	Upper
43	100		
61	37.8	31.4	47.0
87	16.6	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44

Trichloroethene

Concen: 20.651 ug/l

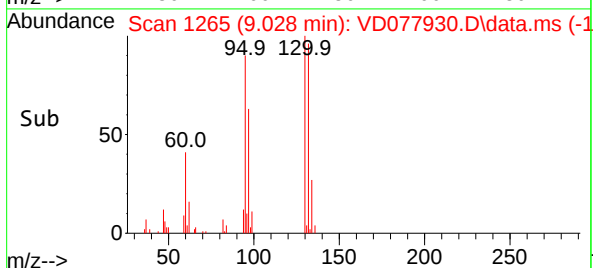
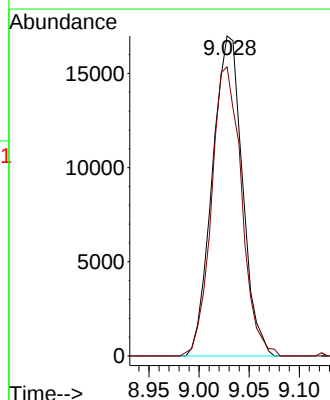
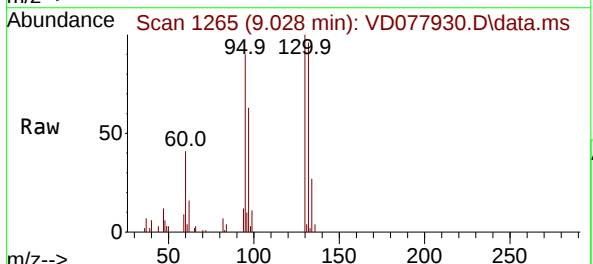
RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Tgt Ion:	130	Resp:	35505
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.260 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion: 63 Resp: 3249

Ion Ratio Lower Upper

63 100

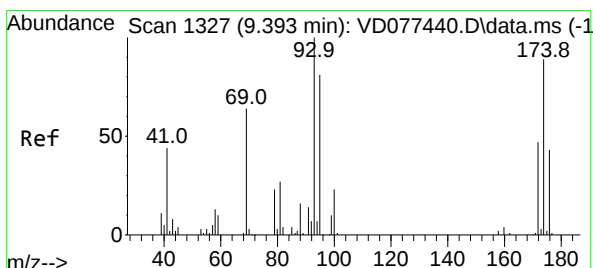
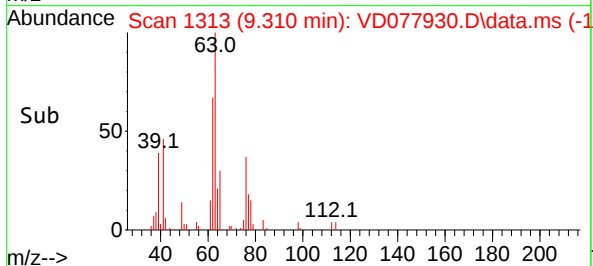
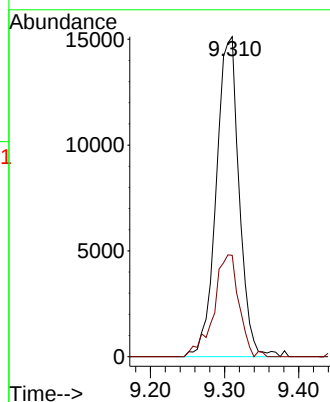
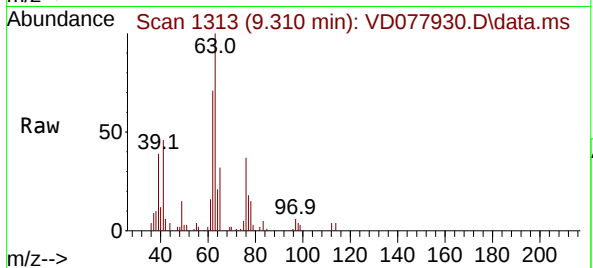
65 31.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 20.147 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

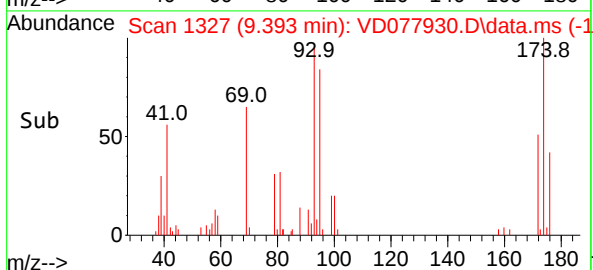
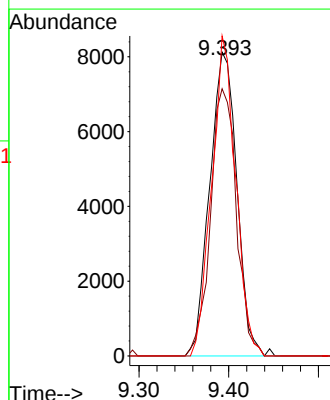
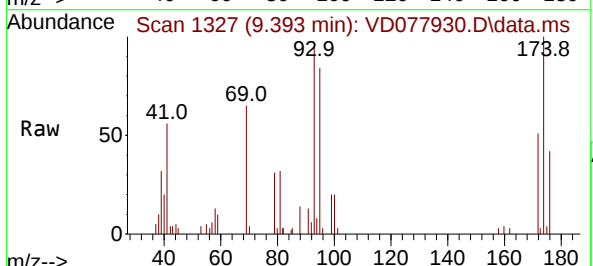
Tgt Ion: 93 Resp: 17097

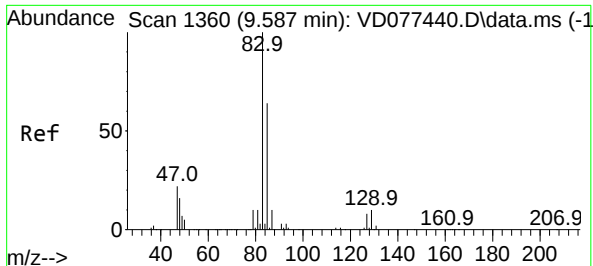
Ion Ratio Lower Upper

93 100

95 84.1 67.7 101.5

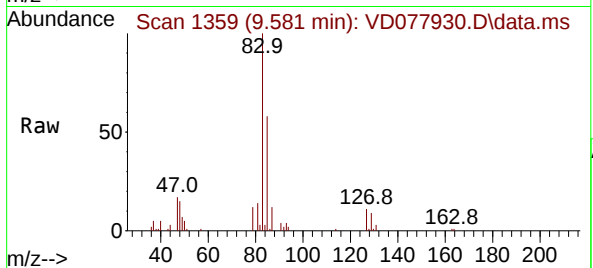
174 92.9 85.4 128.2





#47
Bromodichloromethane
Concen: 20.595 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

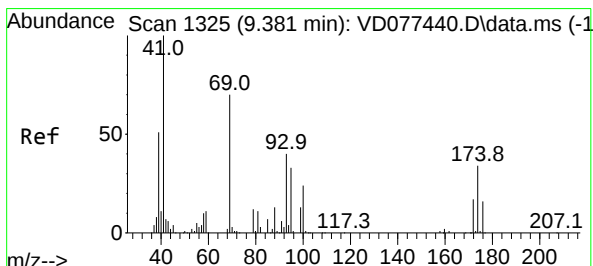
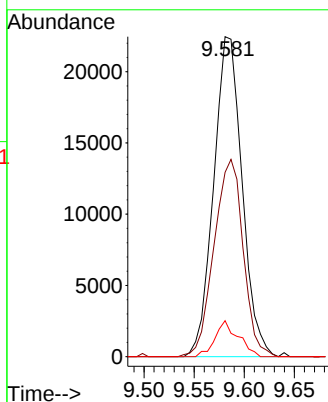
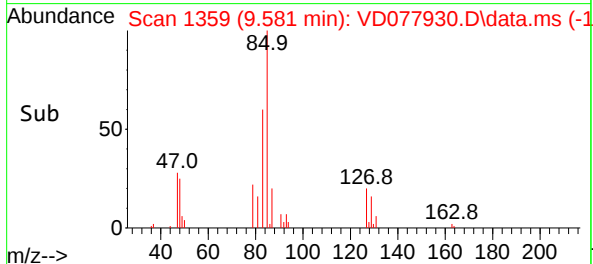
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 83 Resp: 44298
Ion Ratio Lower Upper
83 100
85 57.6 50.2 75.4
127 11.3 6.3 9.5

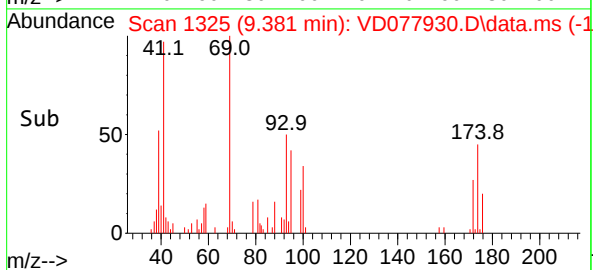
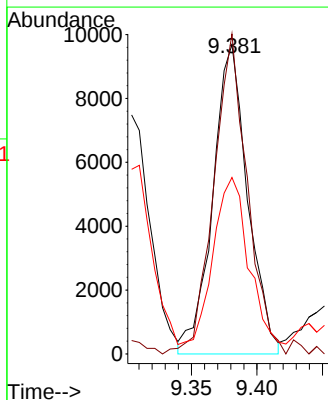
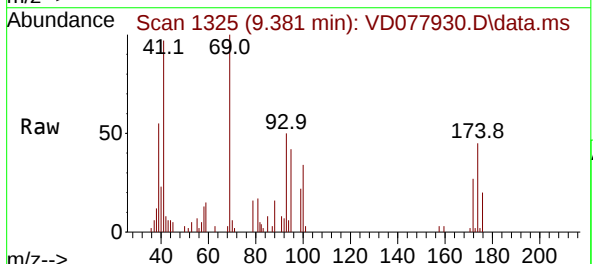
Manual Integrations
APPROVED

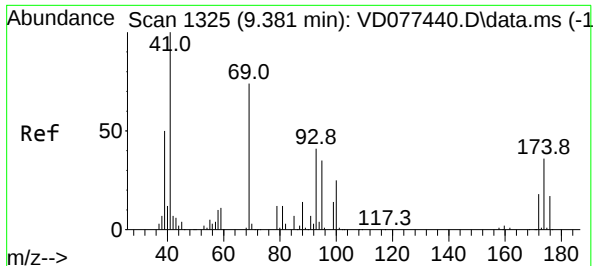
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#48
Methyl methacrylate
Concen: 19.553 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 41 Resp: 17908
Ion Ratio Lower Upper
41 100
69 99.2 102.2 153.2#
39 53.6 41.4 62.2





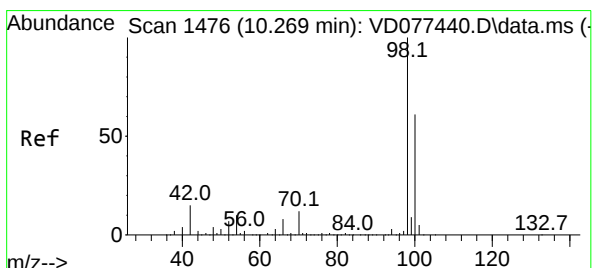
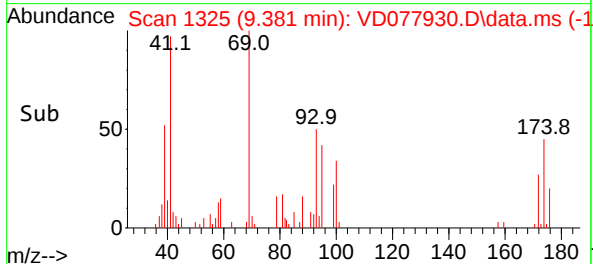
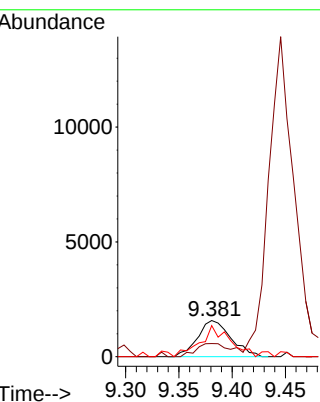
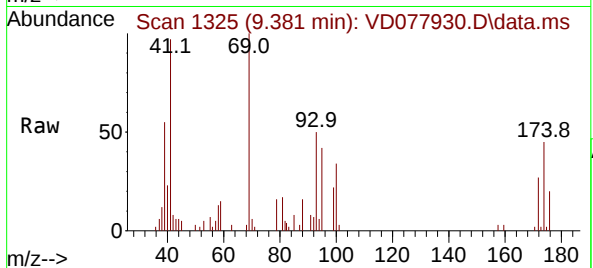
#49
1,4-Dioxane
Concen: 405.632 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion: 88 Resp: 3418
Ion Ratio Lower Upper
88 100
43 32.9 19.0 28.6
58 75.3 43.5 65.3

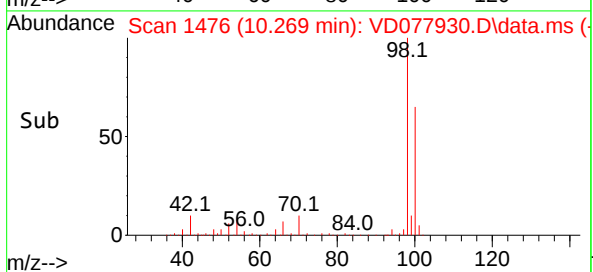
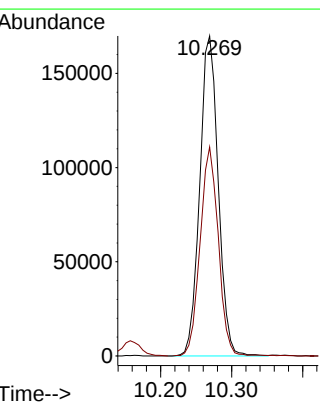
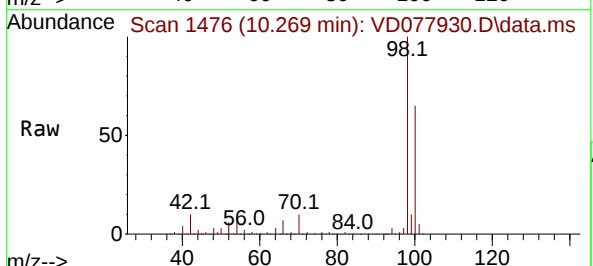
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#50
Toluene-d8
Concen: 52.647 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 98 Resp: 306425
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5





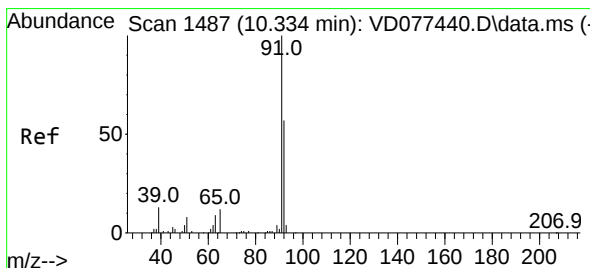
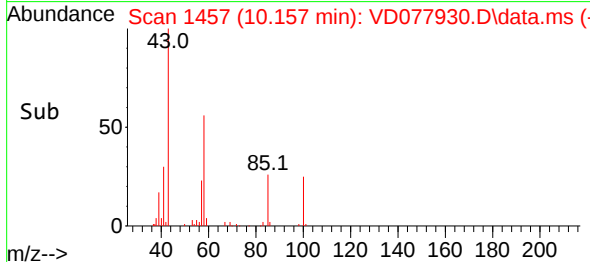
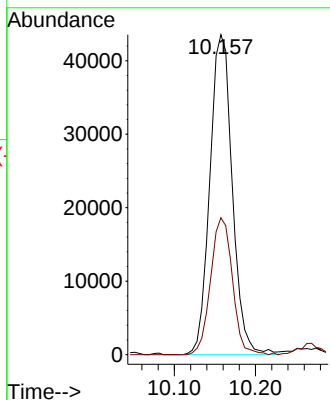
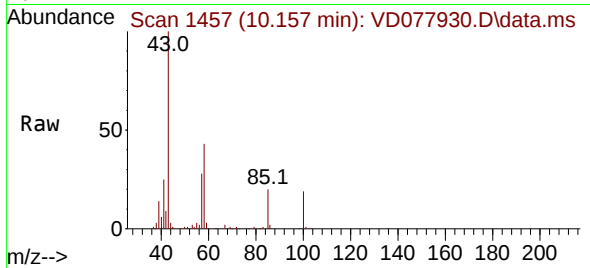
#51
4-Methyl-2-Pentanone
Concen: 101.874 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion: 43 Resp: 83770
Ion Ratio Lower Upper
43 100
58 41.5 38.9 58.3

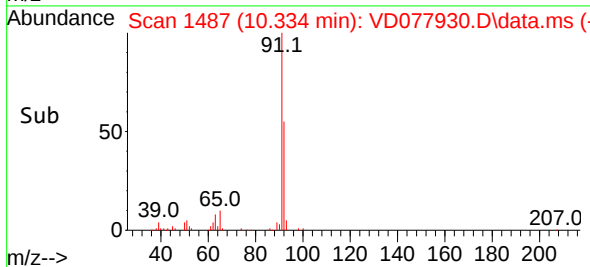
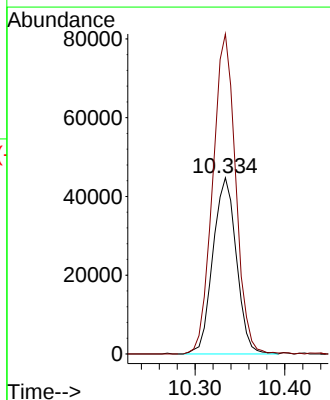
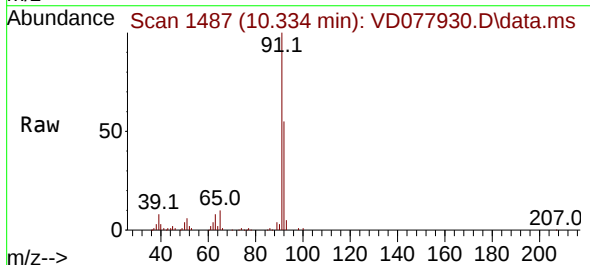
Manual Integrations
APPROVED

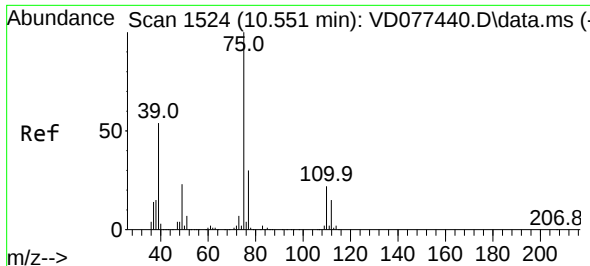
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 19.845 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

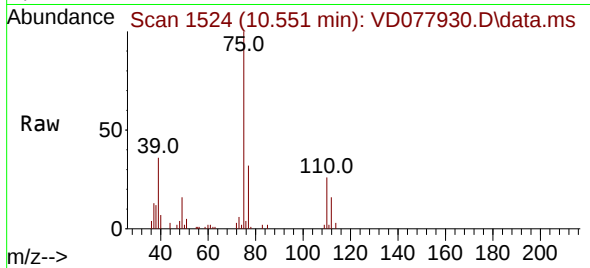
Tgt Ion: 92 Resp: 81216
Ion Ratio Lower Upper
92 100
91 177.7 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 19.905 ug/l
RT: 10.551 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

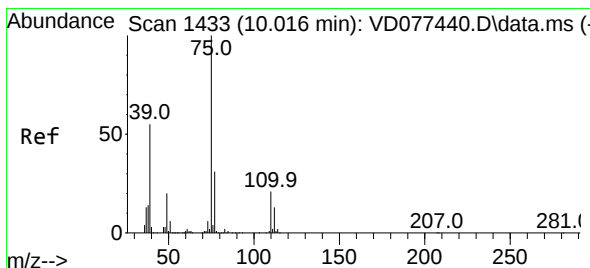
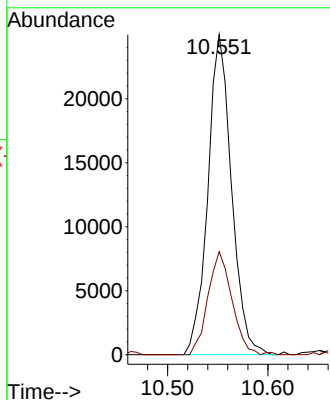
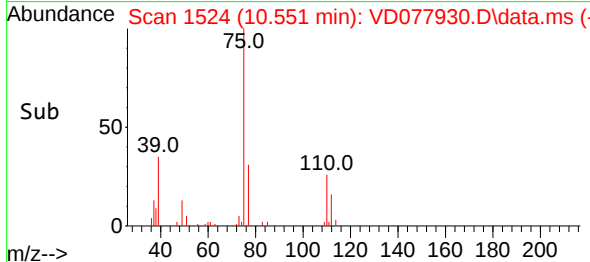
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



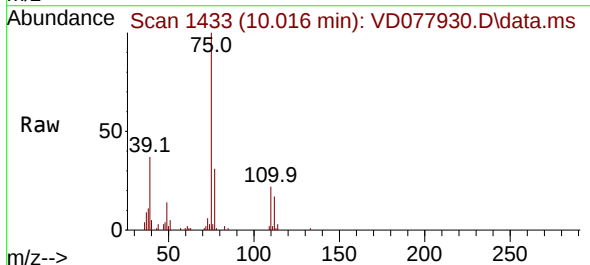
Tgt Ion: 75 Resp: 41114
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9

Manual Integrations
APPROVED

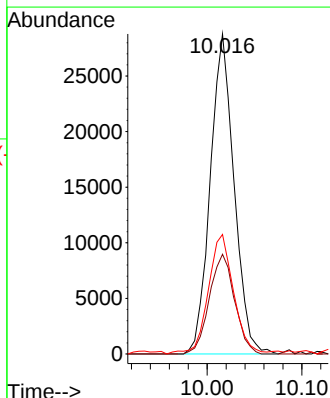
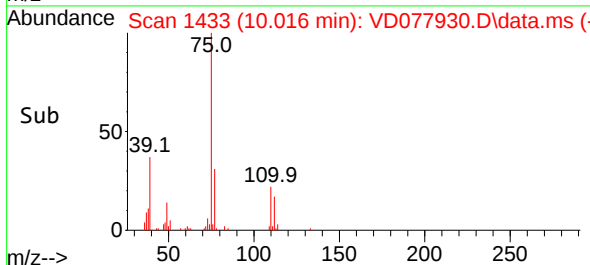
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

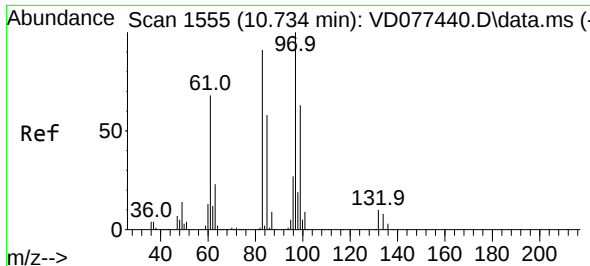


#54
cis-1,3-Dichloropropene
Concen: 20.135 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17



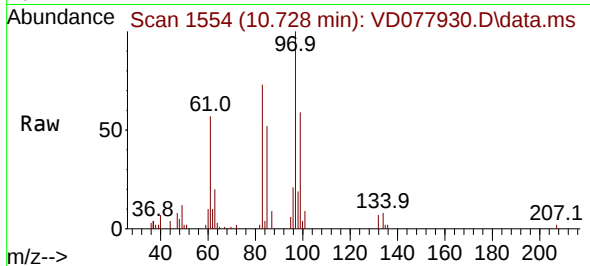
Tgt Ion: 75 Resp: 50283
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 36.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 21.122 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

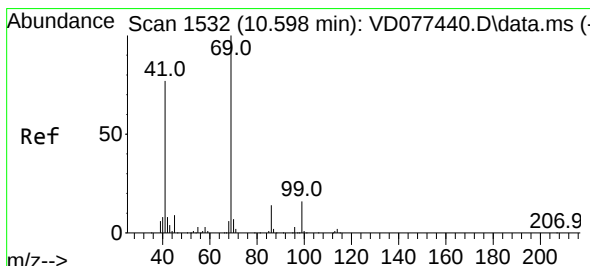
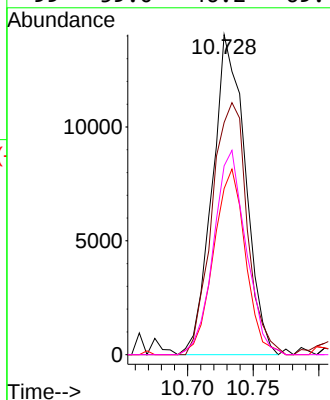
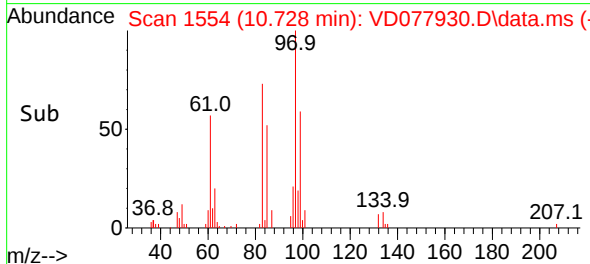
Instrument : MSVOA_D
ClientSampleId : VD1216SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	72.6	65.8	98.6
85	51.9	45.7	68.5
99	59.0	46.2	69.4

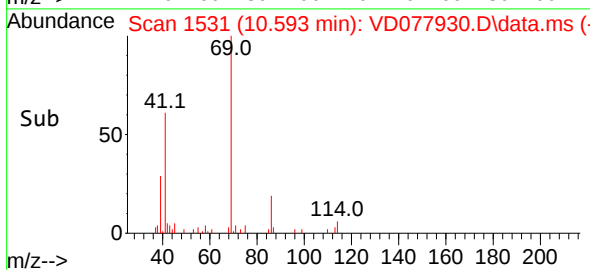
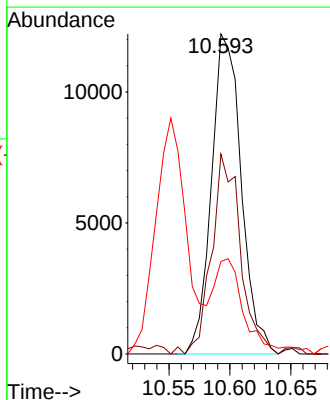
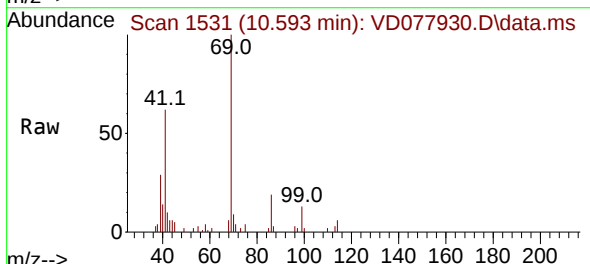
Manual Integrations
APPROVED

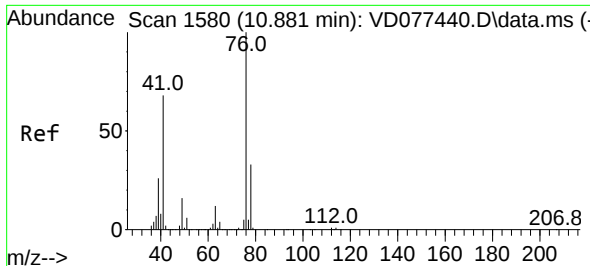
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#56
Ethyl methacrylate
Concen: 20.304 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

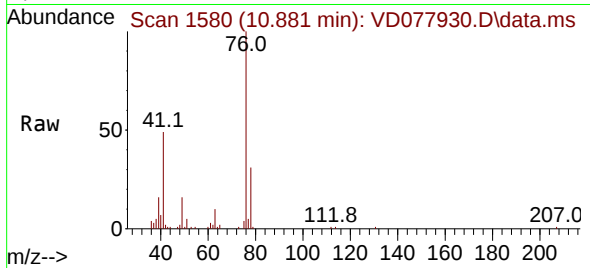
Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.5	39.1	58.7#
39	30.6	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 20.790 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

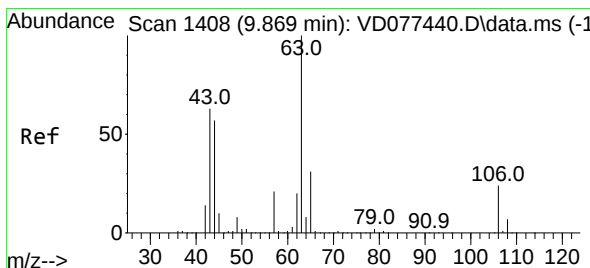
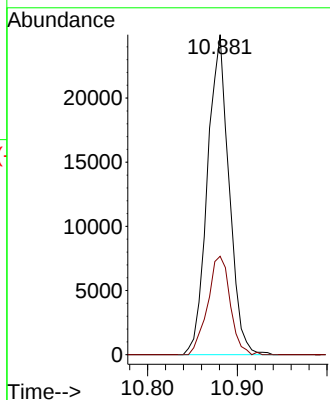
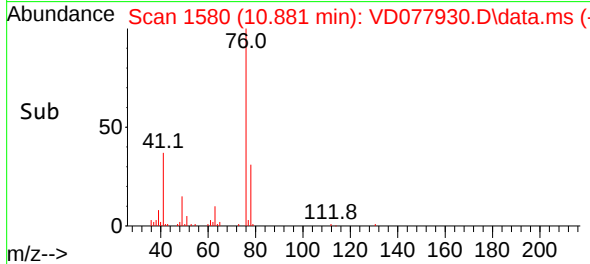
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 76 Resp: 4159
Ion Ratio Lower Upper
76 100
78 32.1 26.4 39.6

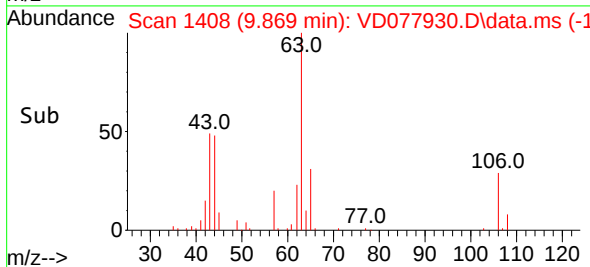
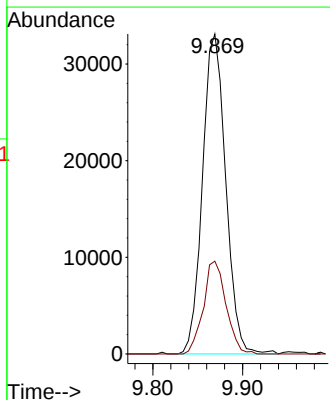
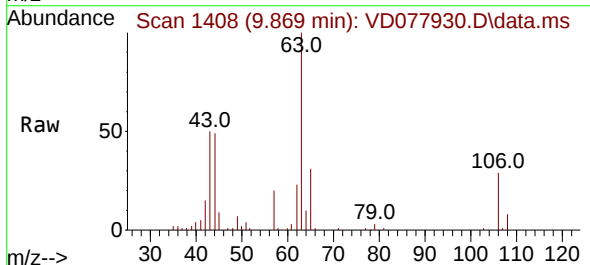
Manual Integrations
APPROVED

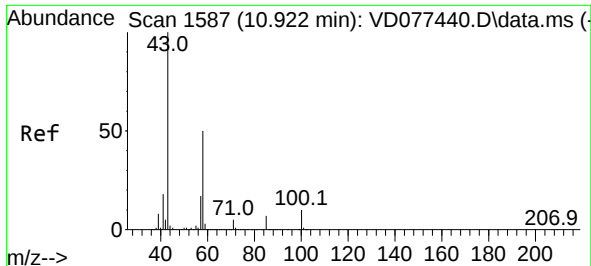
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 101.990 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

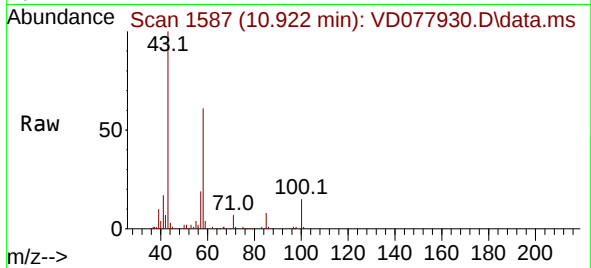
Tgt Ion: 63 Resp: 59514
Ion Ratio Lower Upper
63 100
106 28.3 25.3 37.9





#59
2-Hexanone
Concen: 101.643 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

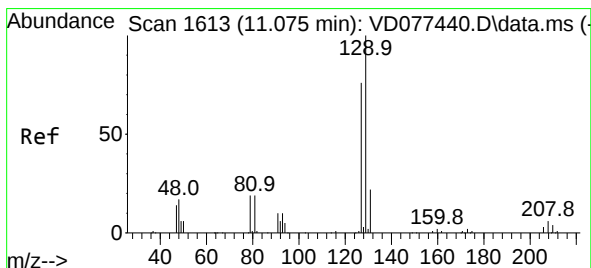
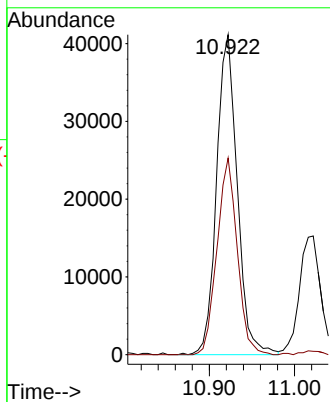
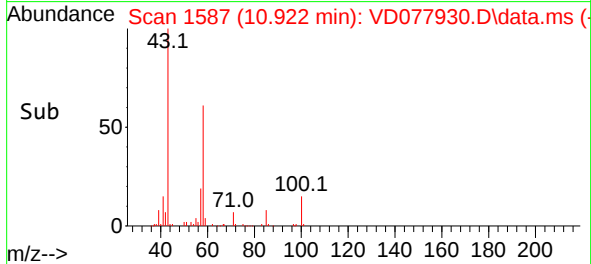
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 43 Resp: 6934
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2

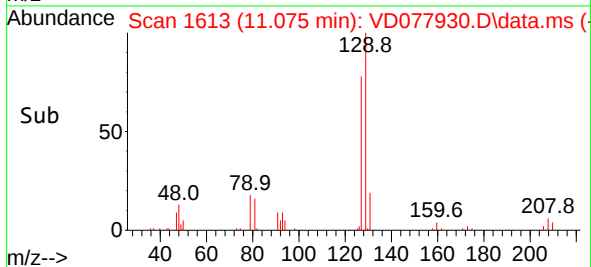
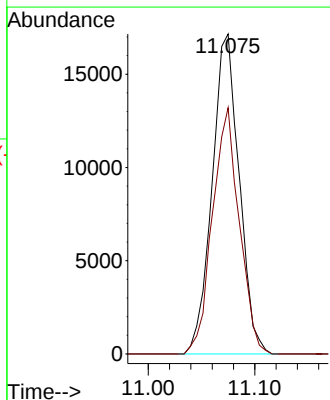
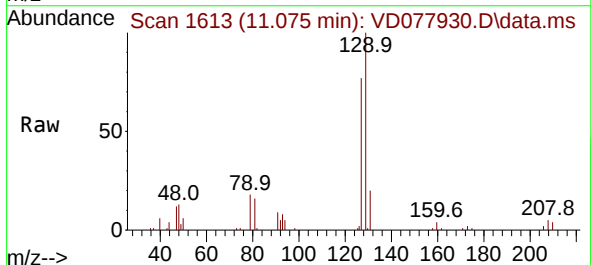
Manual Integrations
APPROVED

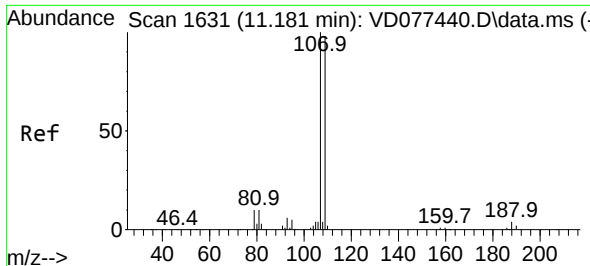
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 21.660 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

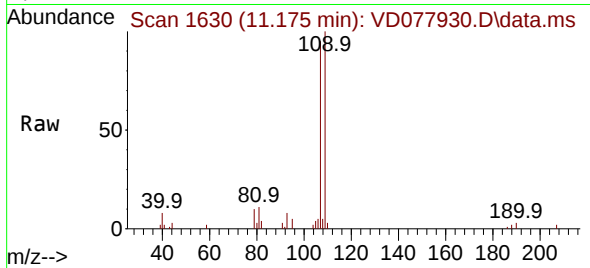
Tgt Ion:129 Resp: 30271
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.168 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

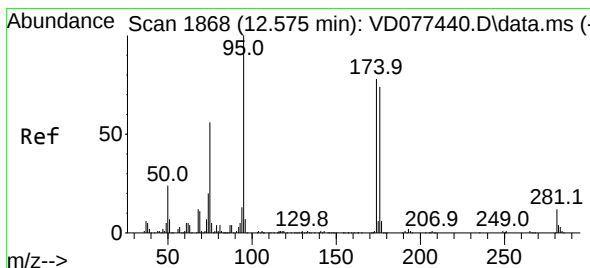
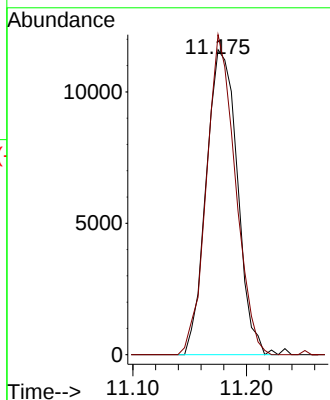
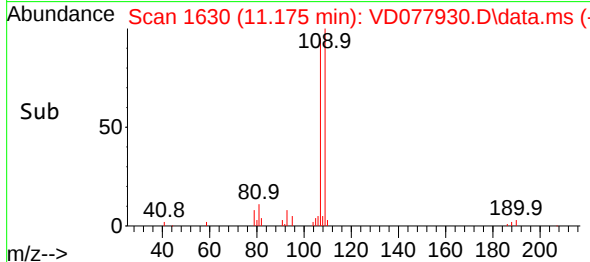
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion:107 Resp: 2203
Ion Ratio Lower Upper
107 100
109 97.8 75.6 113.4

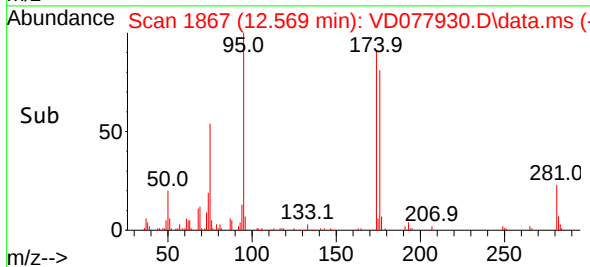
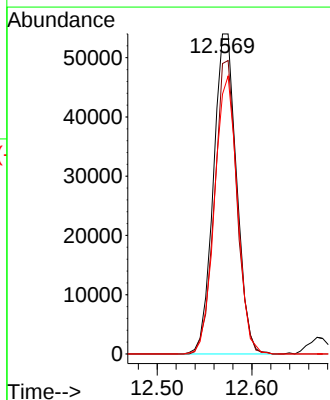
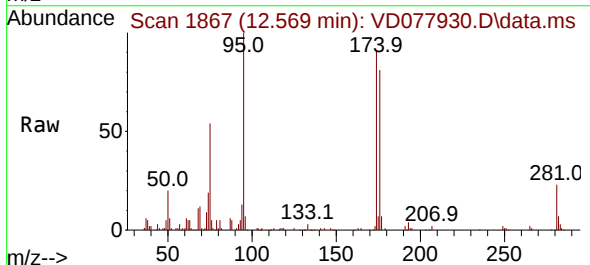
Manual Integrations
APPROVED

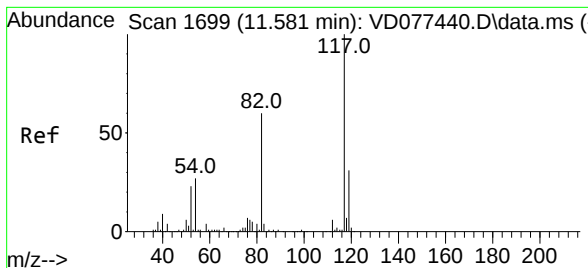
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#62
4-Bromofluorobenzene
Concen: 52.755 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

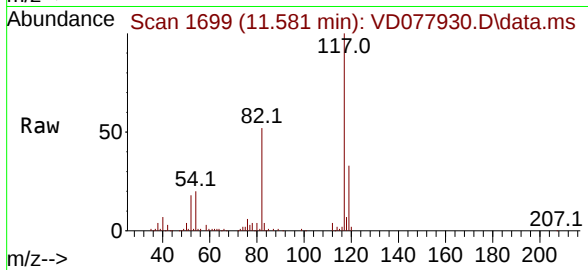
Tgt Ion: 95 Resp: 91801
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 85.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

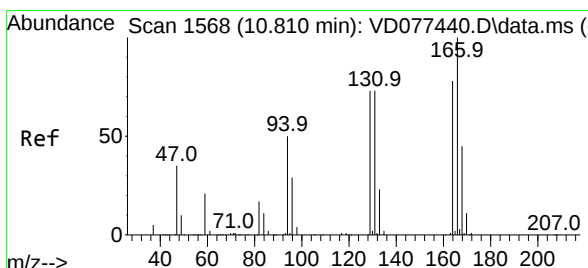
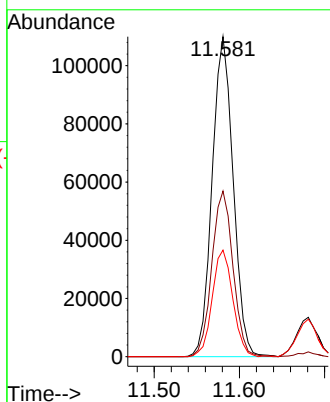
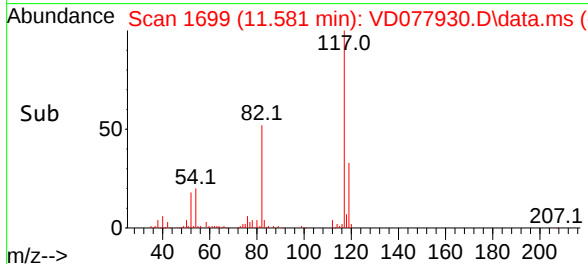
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion:117 Resp: 188485
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 33.3 25.0 37.4

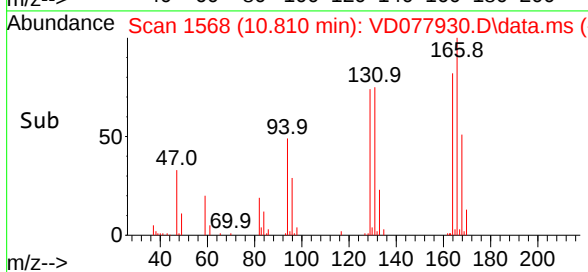
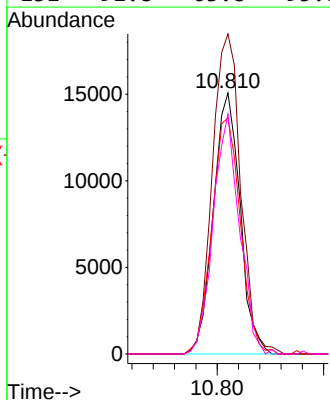
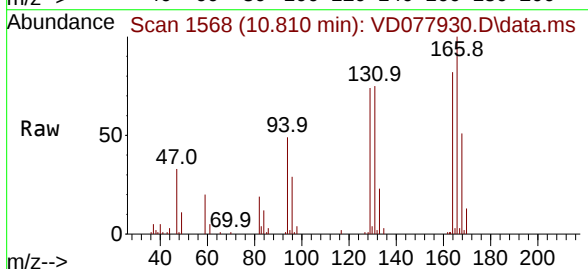
Manual Integrations
APPROVED

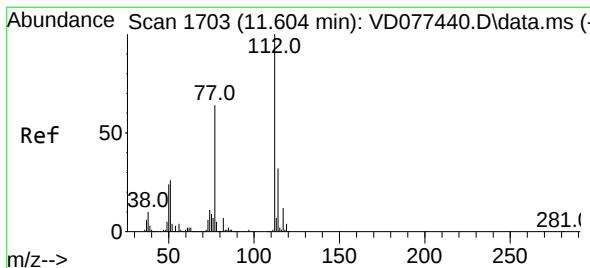
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#64
Tetrachloroethene
Concen: 18.921 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion:164 Resp: 26212
Ion Ratio Lower Upper
164 100
166 122.6 99.2 148.8
129 90.6 68.4 102.6
131 91.8 63.8 95.8





#65

Chlorobenzene

Concen: 18.507 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

Tgt Ion:112 Resp: 87428

Ion Ratio Lower Upper

112 100

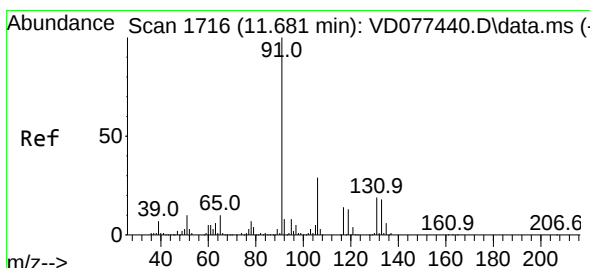
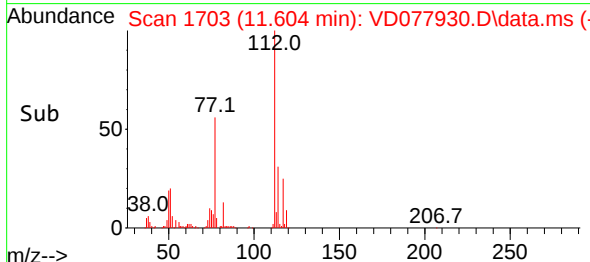
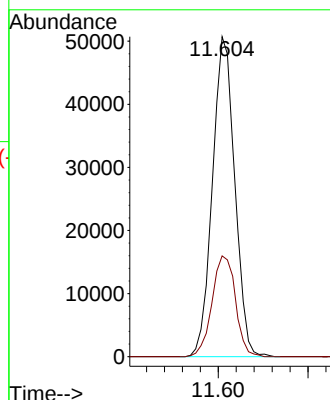
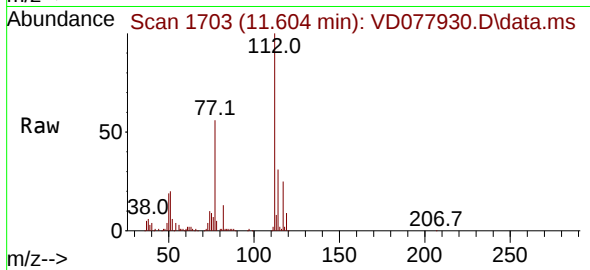
114 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 20.212 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

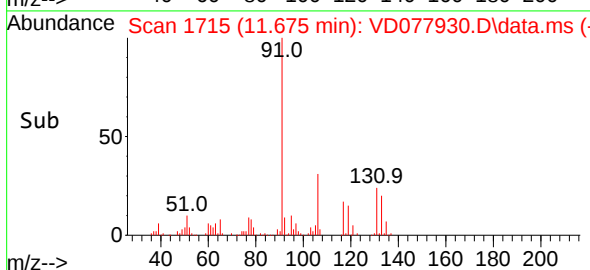
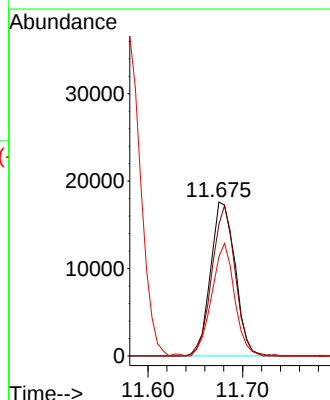
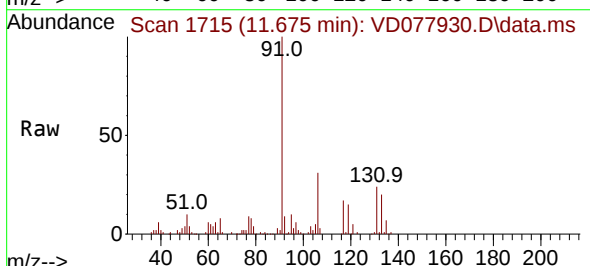
Tgt Ion:131 Resp: 31680

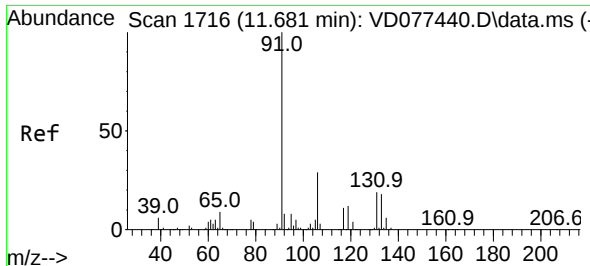
Ion Ratio Lower Upper

131 100

133 93.4 48.5 145.5

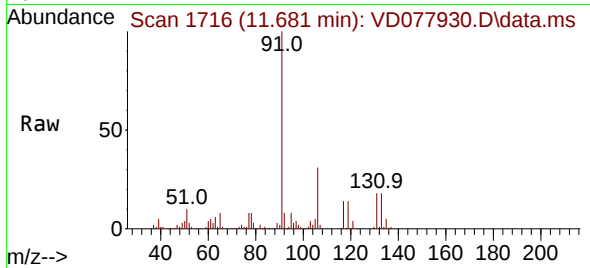
119 67.8 35.6 106.9





#67
Ethyl Benzene
Concen: 19.754 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

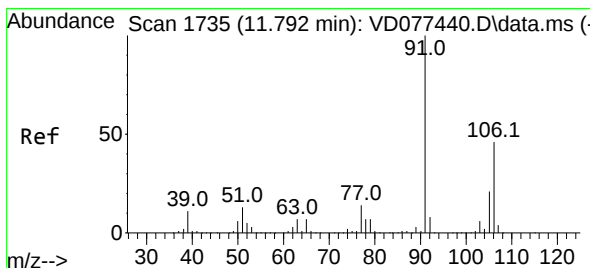
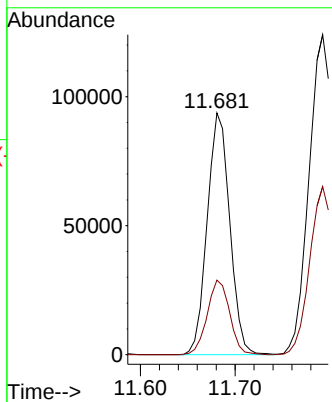
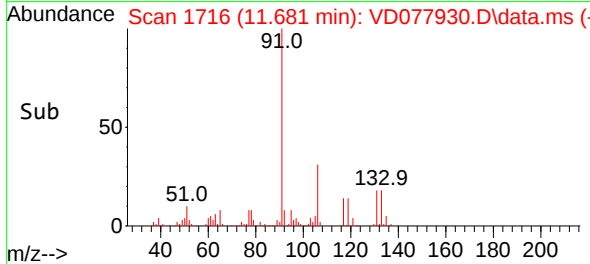
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 91 Resp: 15501
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7

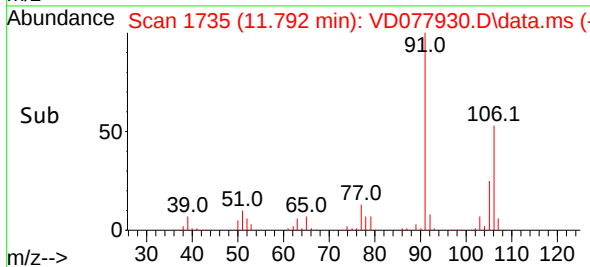
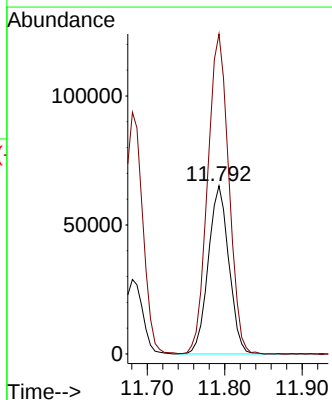
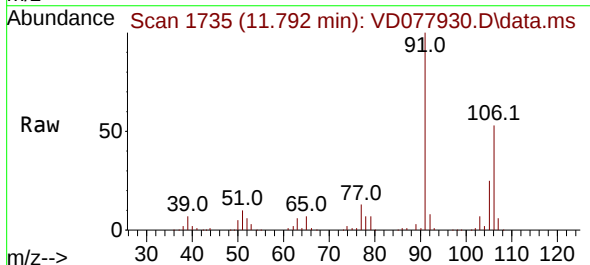
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#68
m/p-Xylenes
Concen: 40.060 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion:106 Resp: 120245
Ion Ratio Lower Upper
106 100
91 195.3 147.0 220.6





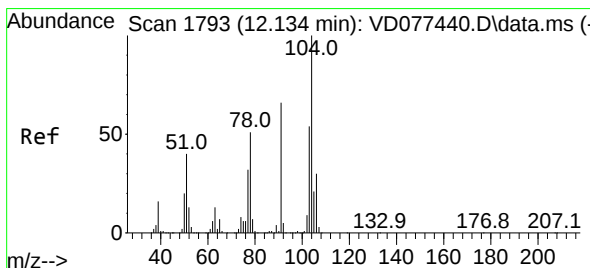
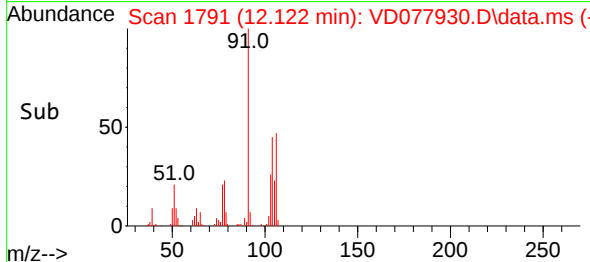
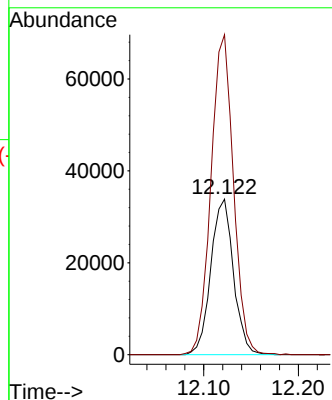
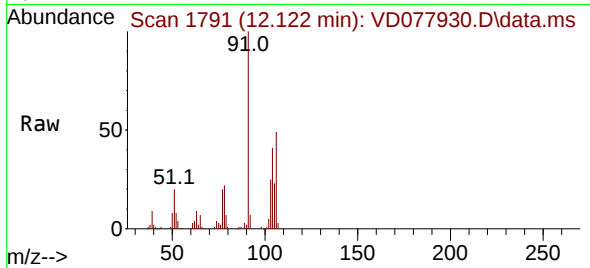
#69
o-Xylene
Concen: 20.314 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion:106 Resp: 56198
Ion Ratio Lower Upper
106 100
91 204.3 97.9 293.6

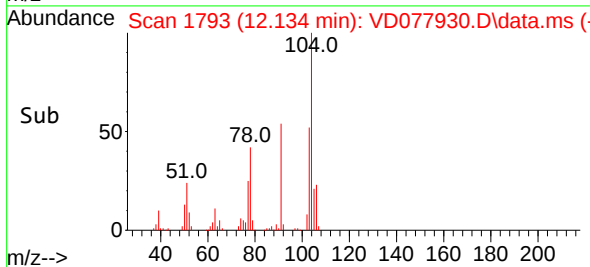
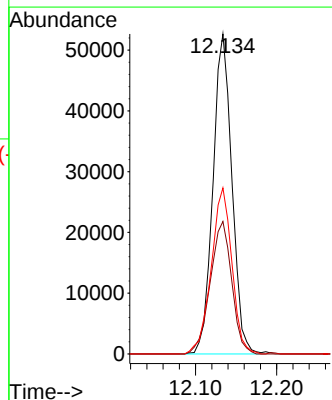
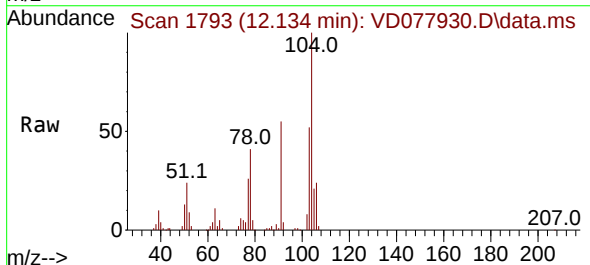
Manual Integrations
APPROVED

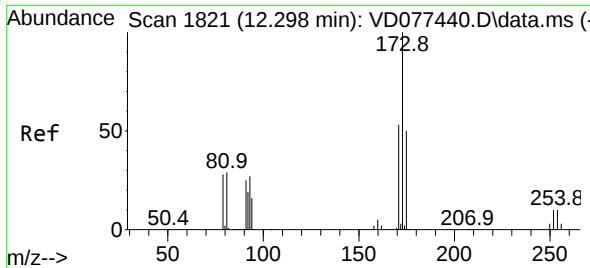
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Styrene
Concen: 20.791 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

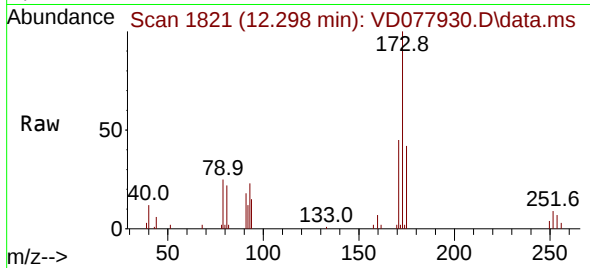
Tgt Ion:104 Resp: 85521
Ion Ratio Lower Upper
104 100
78 46.8 33.2 49.8
103 56.4 43.6 65.4





#71
Bromoform
Concen: 21.616 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

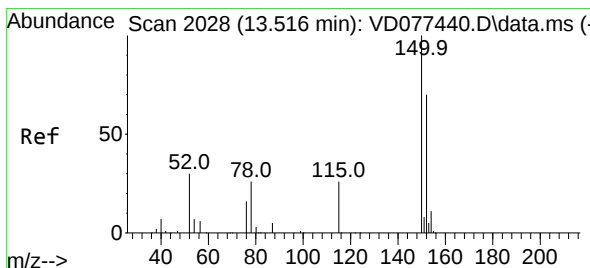
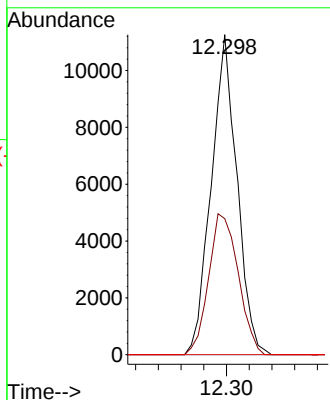
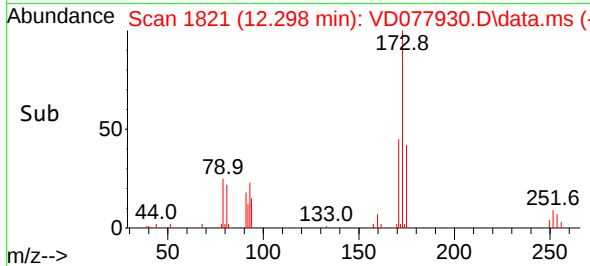
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion:173 Resp: 1770
Ion Ratio Lower Upper
173 100
175 50.7 24.6 73.8
254 0.0 0.0 0.0

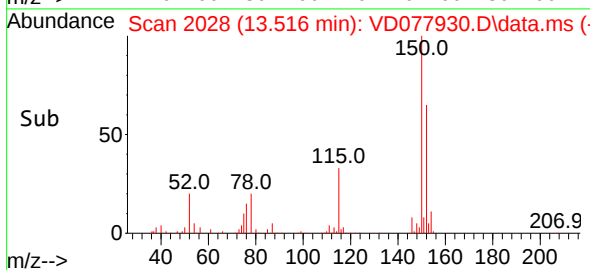
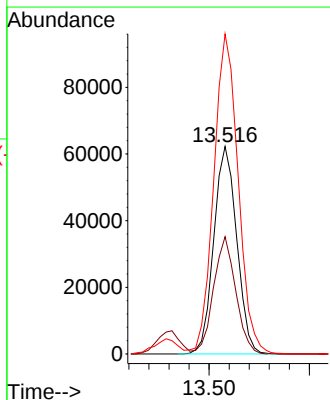
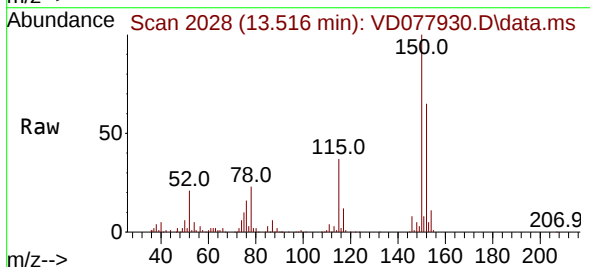
Manual Integrations
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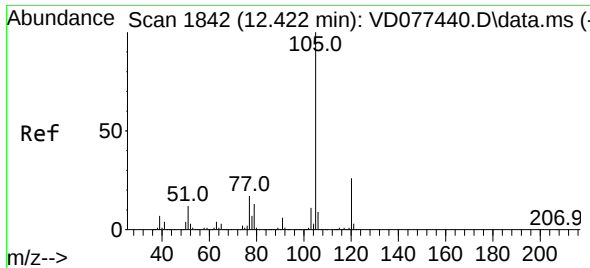
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

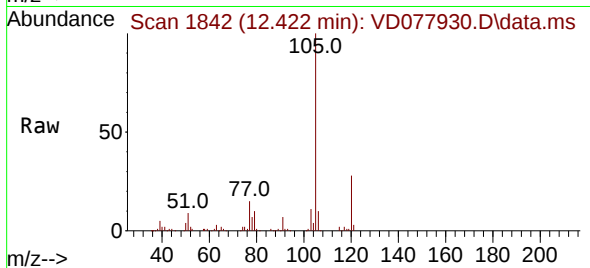
Tgt Ion:152 Resp: 98852
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.3
150 164.2 0.0 353.6





#73
Isopropylbenzene
Concen: 19.417 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

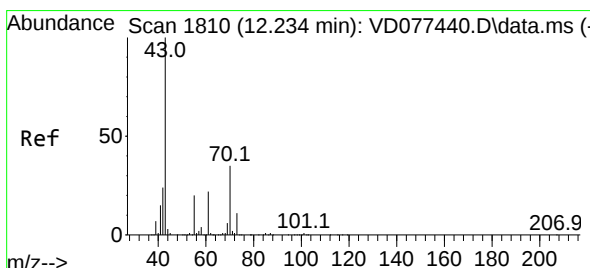
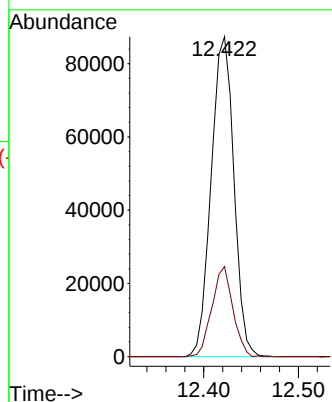
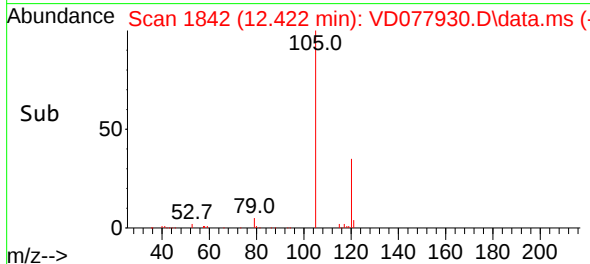
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion:105 Resp: 145479
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9

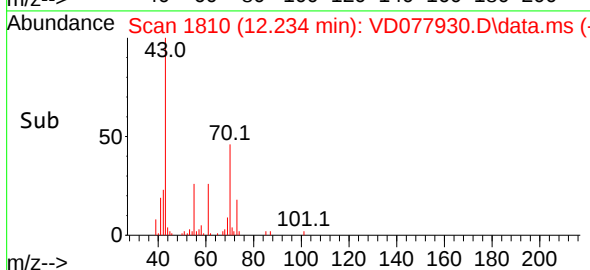
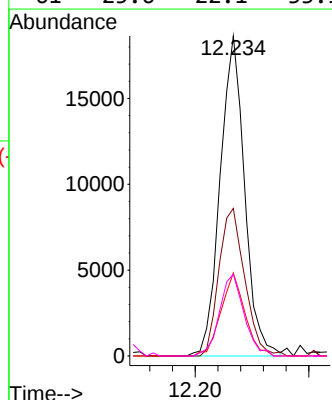
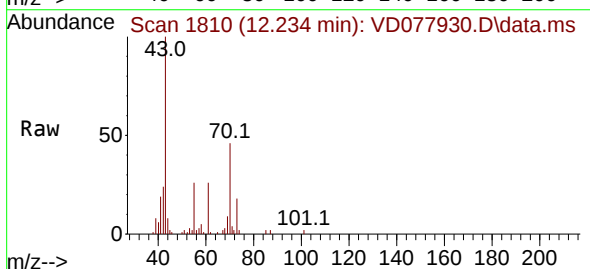
Manual Integrations
APPROVED

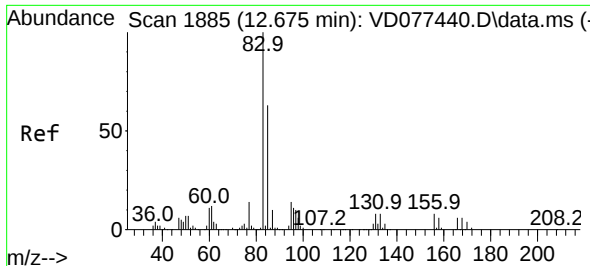
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#74
N-ethyl acetate
Concen: 18.925 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

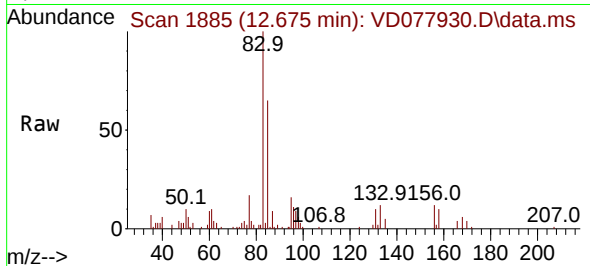
Tgt Ion: 43 Resp: 27872
Ion Ratio Lower Upper
43 100
70 48.6 45.0 67.4
55 25.3 23.8 35.6
61 25.6 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 21.247 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

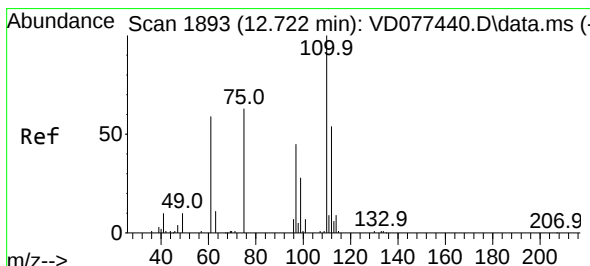
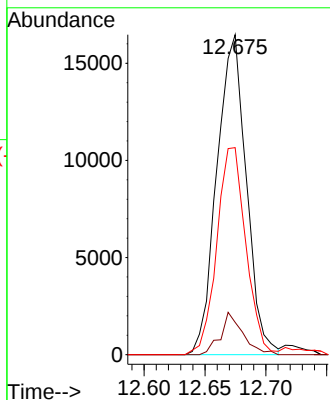
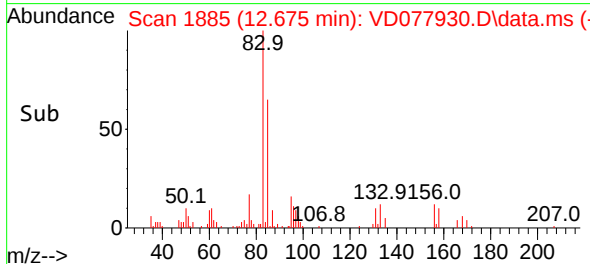
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 83 Resp: 27750
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.8 32.6 97.8

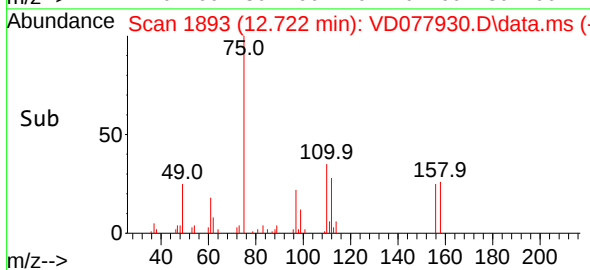
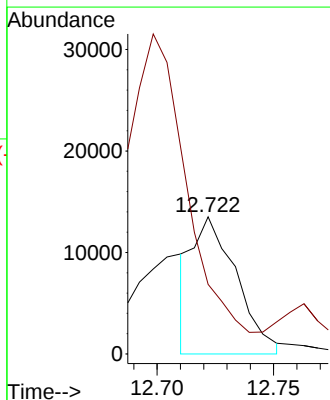
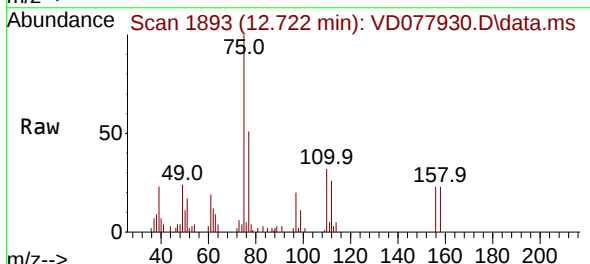
Manual Integrations
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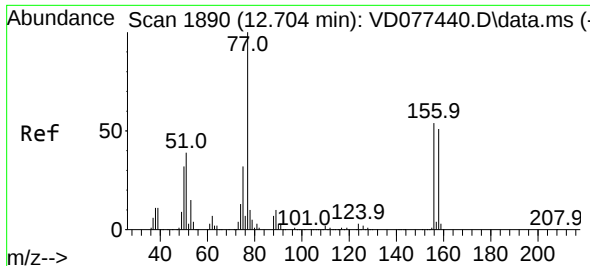
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#76
1,2,3-Trichloropropane
Concen: 20.568 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

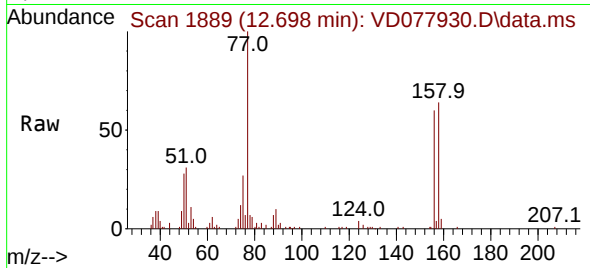
Tgt Ion: 75 Resp: 17658
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.312 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

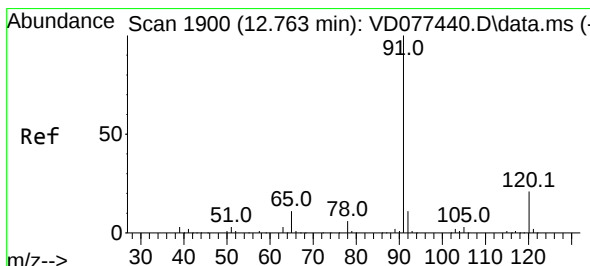
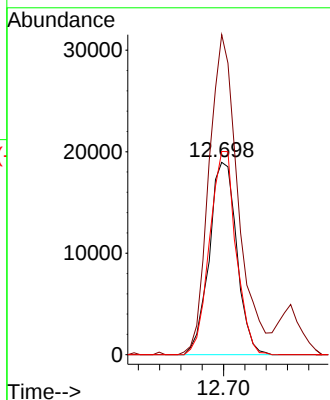
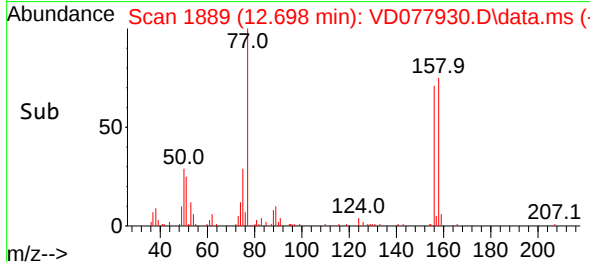
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



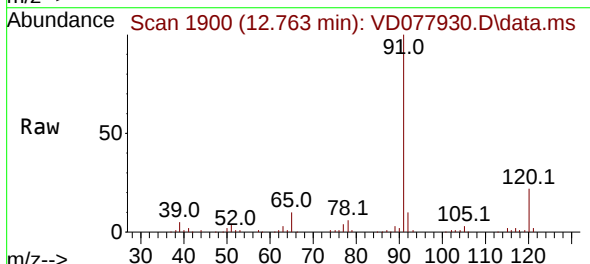
Tgt Ion:156 Resp: 3403
Ion Ratio Lower Upper
156 100
77 175.1 76.8 230.4
158 101.7 48.6 145.9

Manual Integrations
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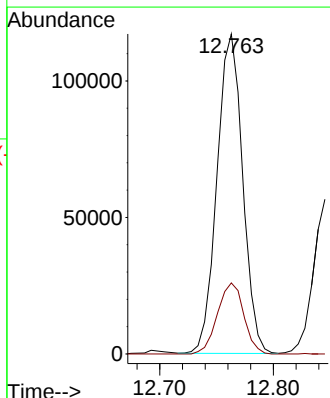
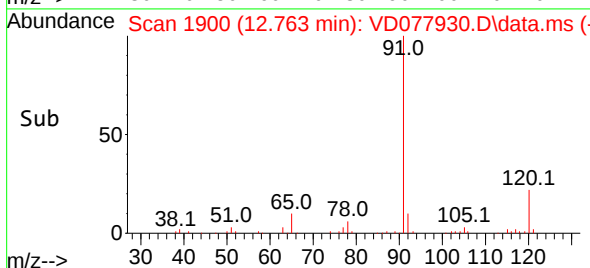
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

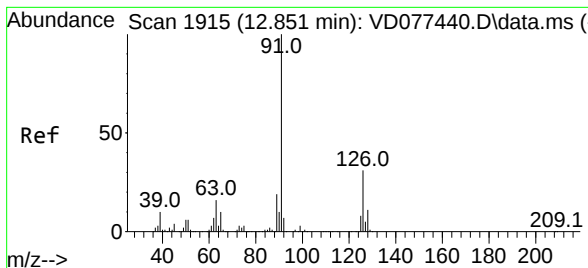


#78
n-propylbenzene
Concen: 20.142 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17



Tgt Ion: 91 Resp: 183887
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





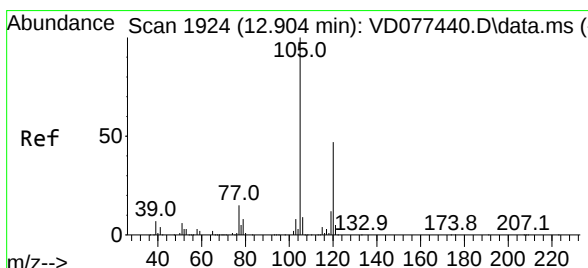
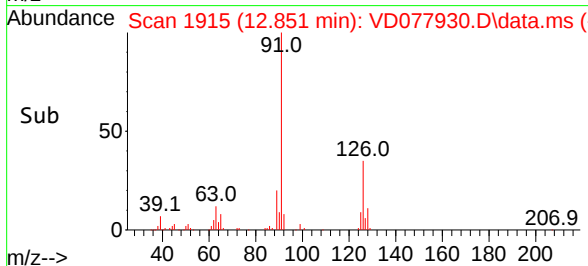
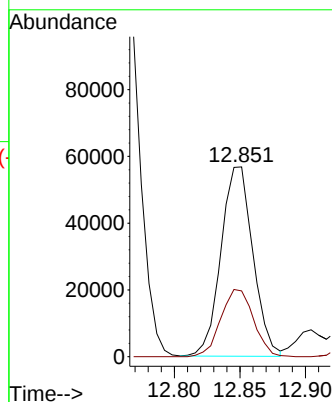
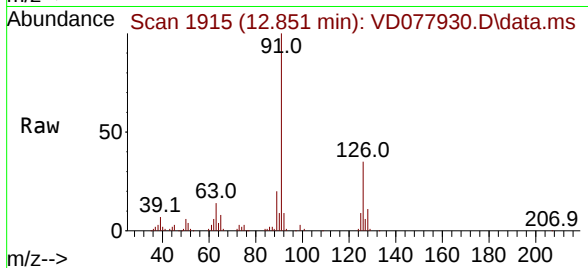
#79
2-Chlorotoluene
Concen: 19.694 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01

Tgt Ion: 91 Resp: 96352
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1

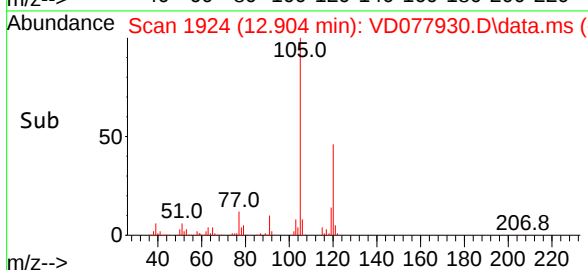
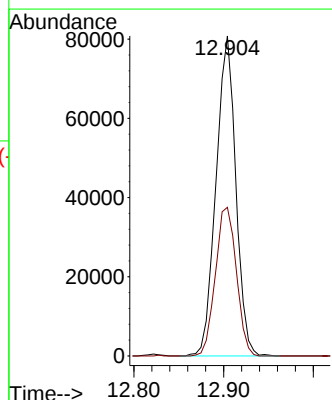
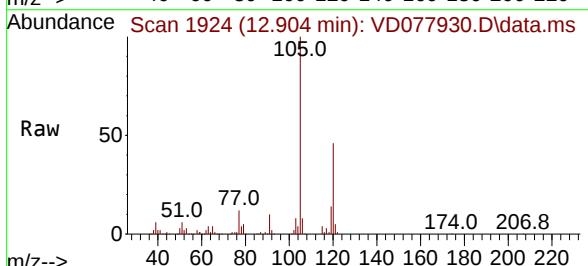
Manual Integrations
APPROVED

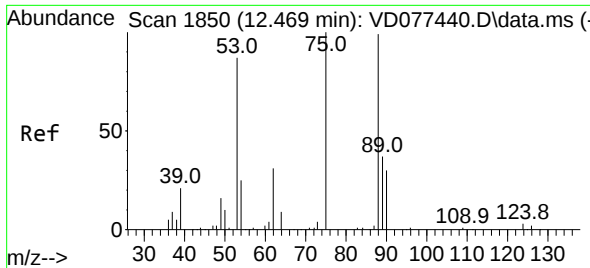
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.812 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

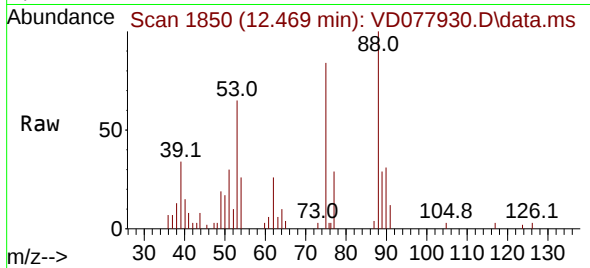
Tgt Ion:105 Resp: 123800
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.371 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

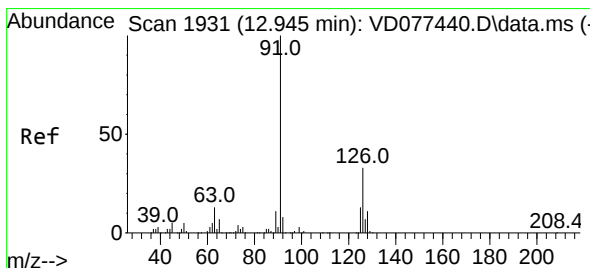
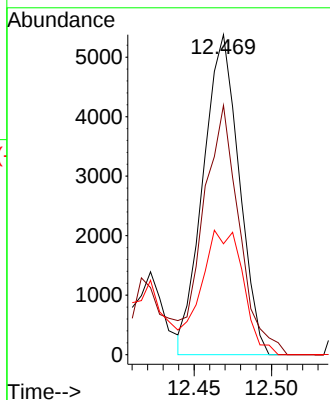
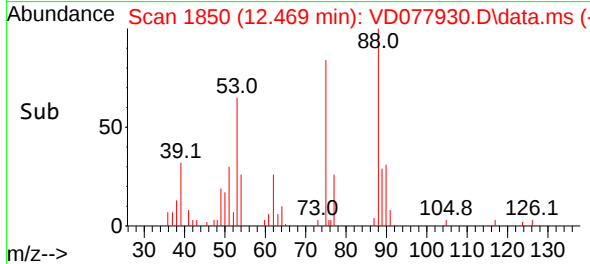
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



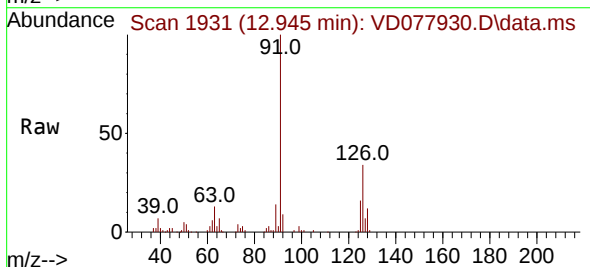
Tgt Ion: 75 Resp: 863
Ion Ratio Lower Upper
75 100
53 78.0 63.0 94.4
89 45.6 37.9 56.9

Manual Integrations
APPROVED

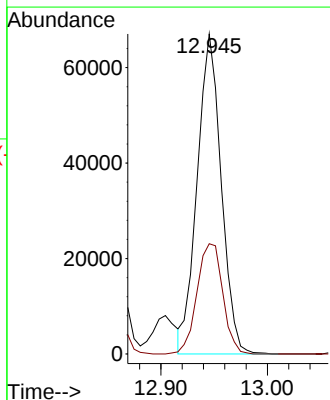
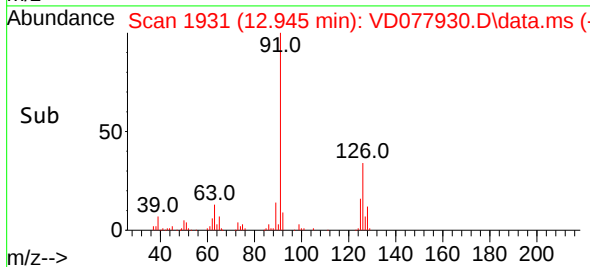
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

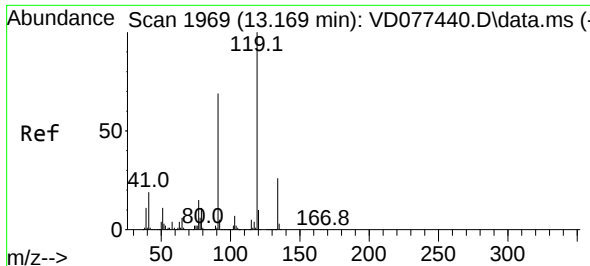


#82
4-Chlorotoluene
Concen: 20.567 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17



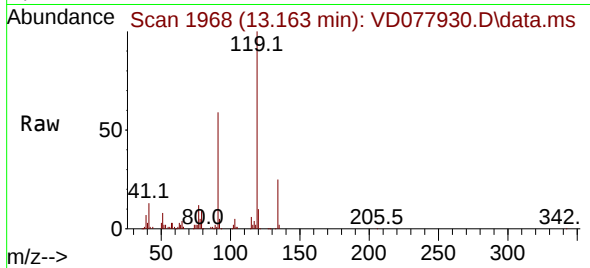
Tgt Ion: 91 Resp: 105194
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.384 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

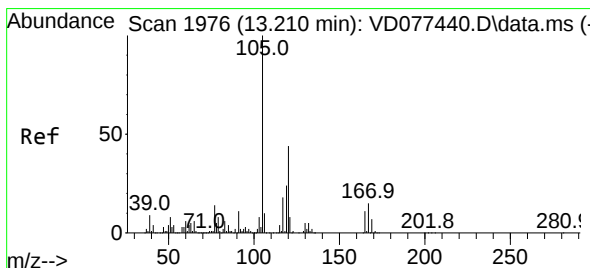
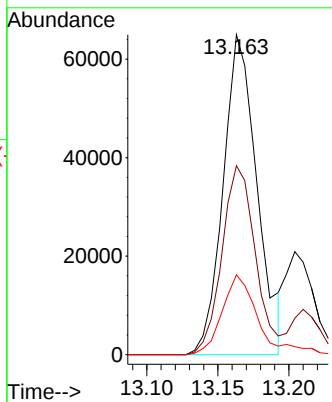
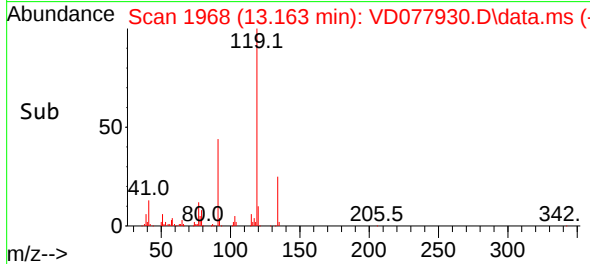
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



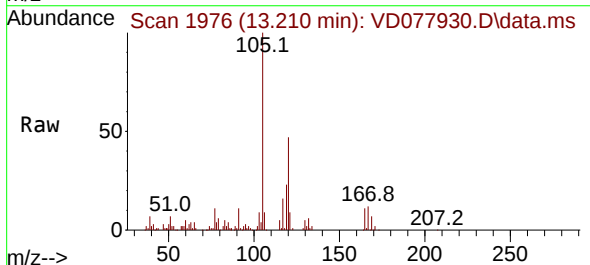
Tgt Ion:119 Resp: 10753
Ion Ratio Lower Upper
119 100
91 58.2 29.3 87.8
134 26.5 14.1 42.3

Manual Integrations
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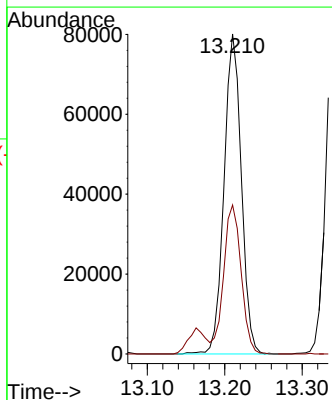
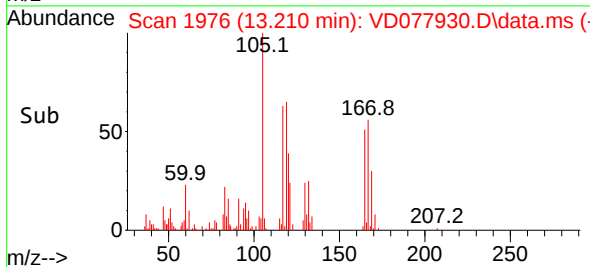
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

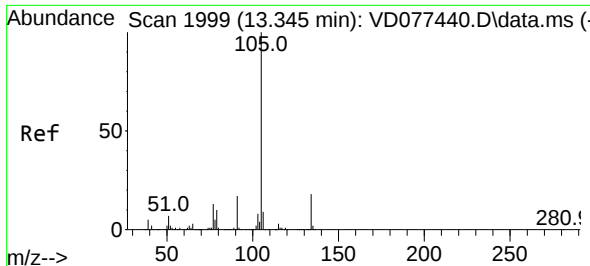


#84
1,2,4-Trimethylbenzene
Concen: 19.880 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17



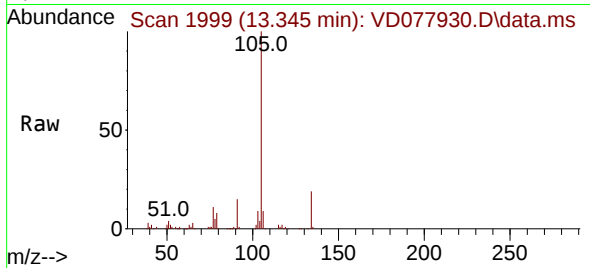
Tgt Ion:105 Resp: 124248
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.011 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

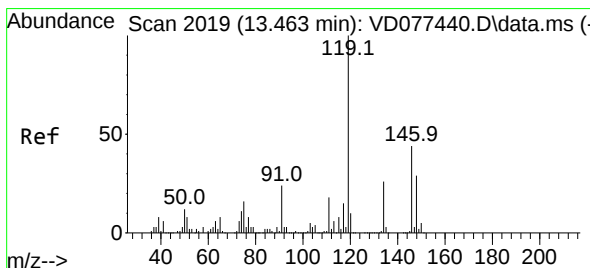
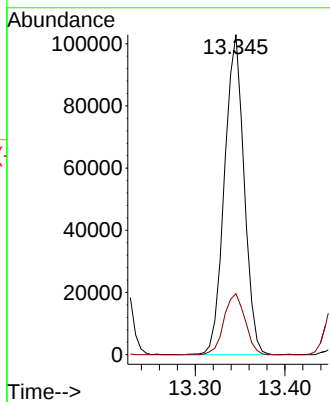
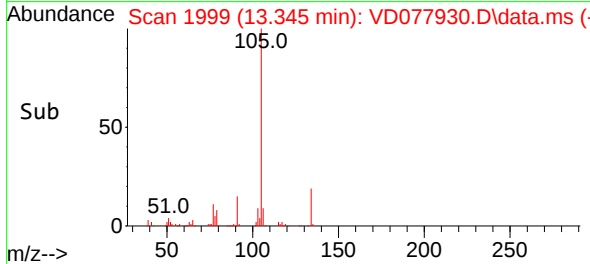
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01



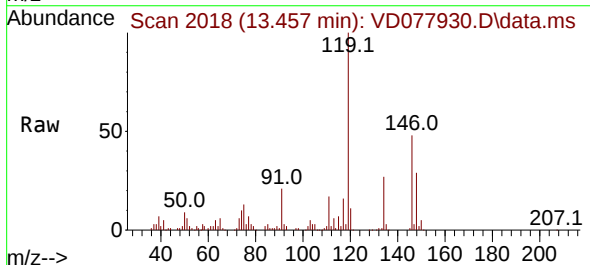
Tgt Ion:105 Resp: 156040
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9

Manual Integrations
 APPROVED

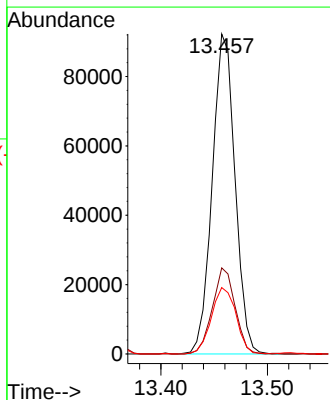
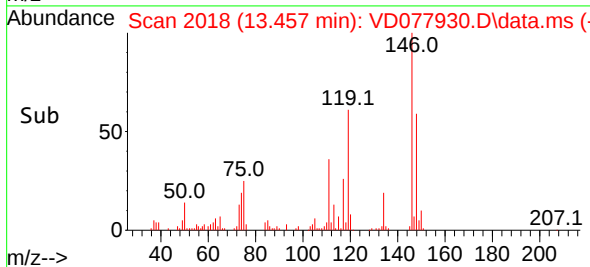
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

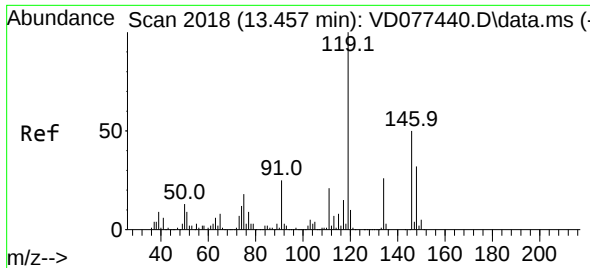


#86
 p-Isopropyltoluene
 Concen: 19.638 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17



Tgt Ion:119 Resp: 137105
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 22.5 10.5 31.5





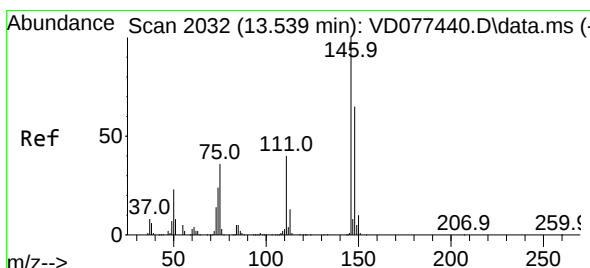
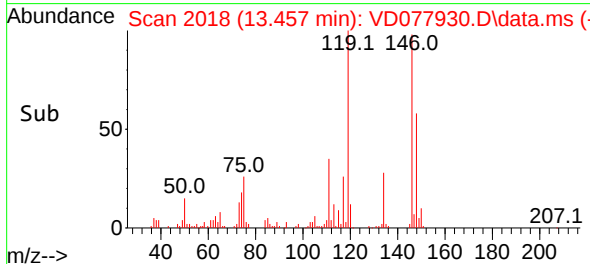
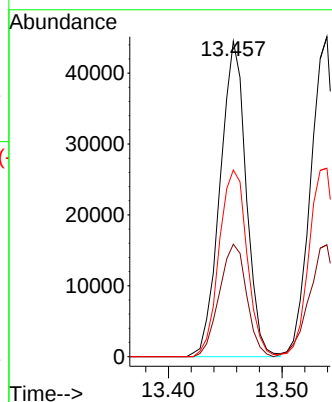
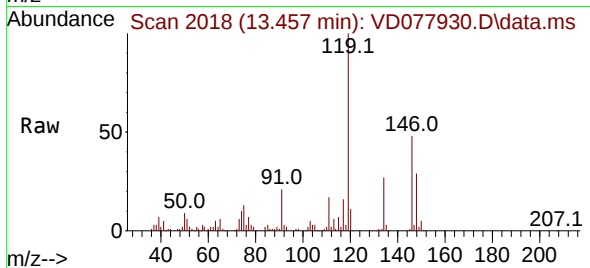
#87
 1,3-Dichlorobenzene
 Concen: 19.715 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

Tgt Ion:146 Resp: 7104
 Ion Ratio Lower Upper
 146 100
 111 37.3 17.9 53.8
 148 63.2 32.3 96.8

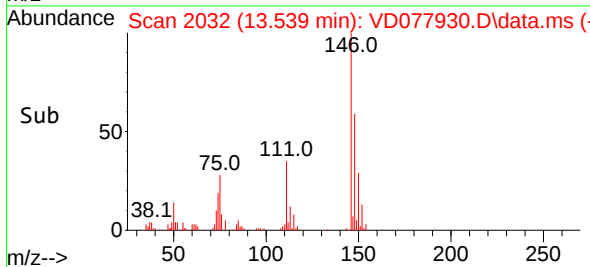
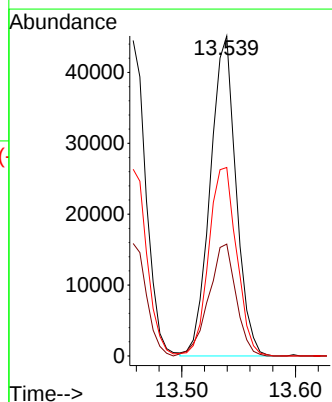
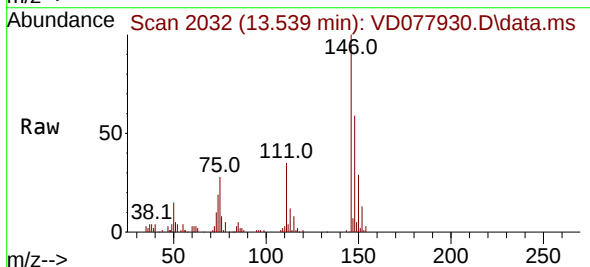
Manual Integrations
 APPROVED

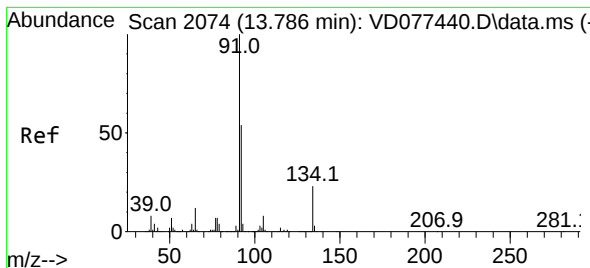
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#88
 1,4-Dichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

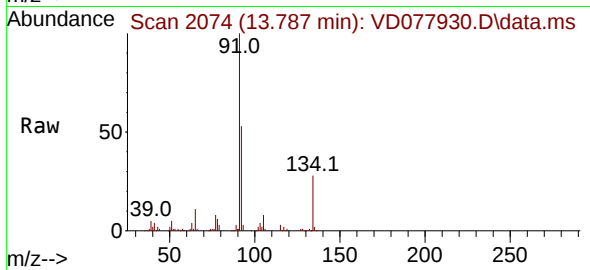
Tgt Ion:146 Resp: 71219
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.4 52.3
 148 63.8 31.7 95.1





#89
n-Butylbenzene
Concen: 19.978 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

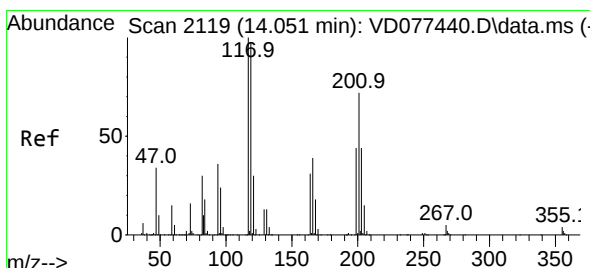
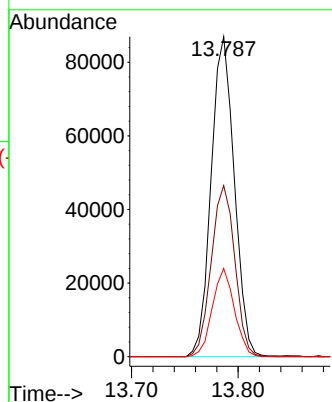
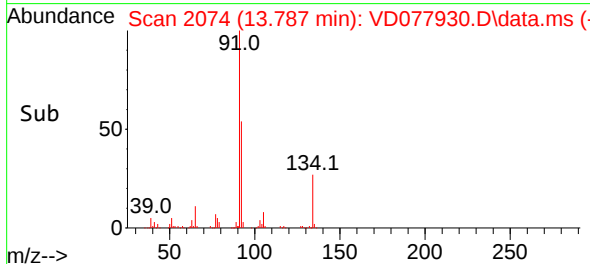
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBS01



Tgt Ion: 91 Resp: 13124
Ion Ratio Lower Upper
91 100
92 54.4 26.5 79.5
134 26.2 13.8 41.3

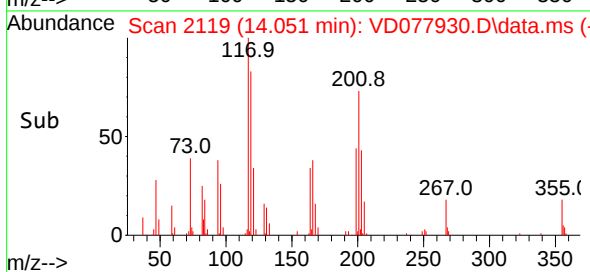
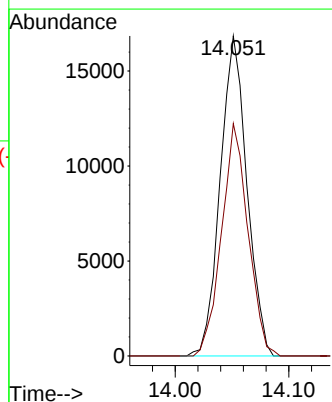
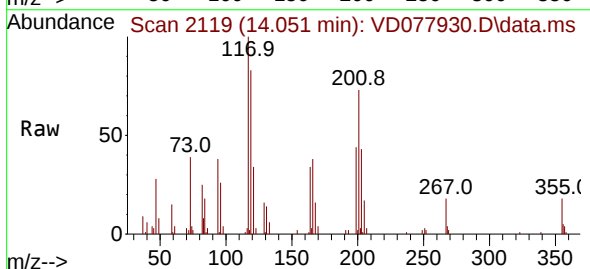
Manual Integrations
APPROVED

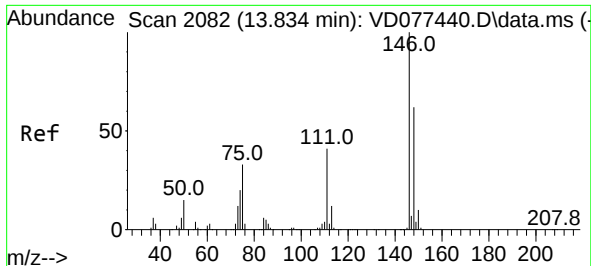
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90
Hexachloroethane
Concen: 21.444 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion:117 Resp: 27533
Ion Ratio Lower Upper
117 100
201 72.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.060 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

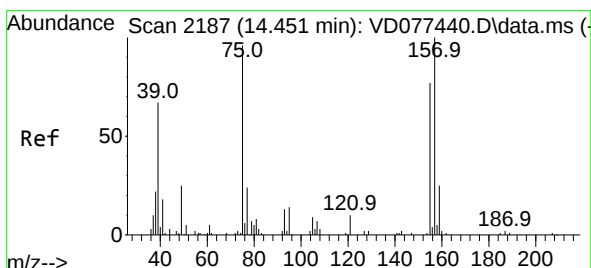
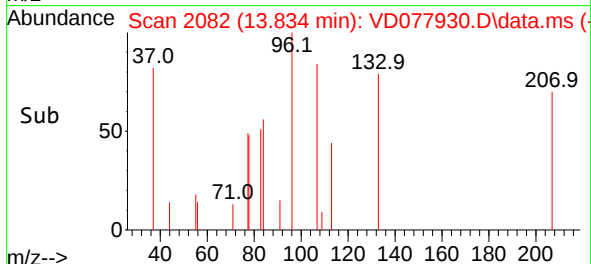
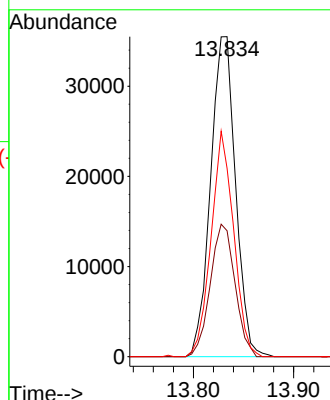
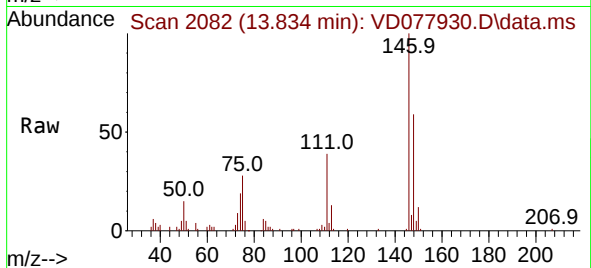
VD1216SBS01

Tgt Ion:	146	Resp:	6148
Ion Ratio	Lower	Upper	
146	100		
111	41.0	18.3	54.8
148	63.6	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.943 ug/l

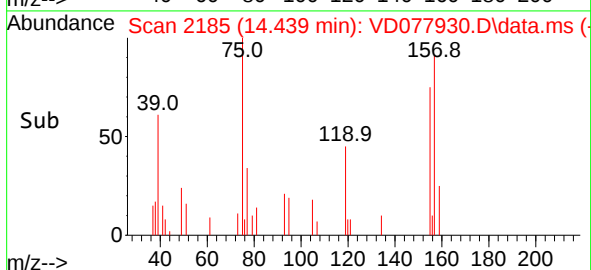
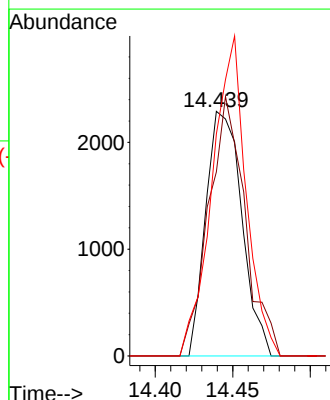
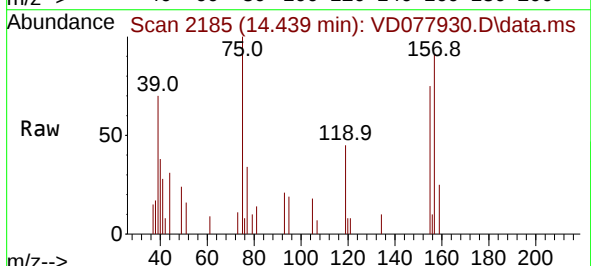
RT: 14.439 min Scan# 2185

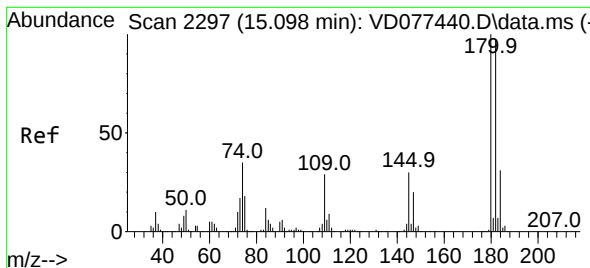
Delta R.T. -0.012 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Tgt Ion:	75	Resp:	3700
Ion Ratio	Lower	Upper	
75	100		
155	107.3	47.9	143.8
157	123.2	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.915 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

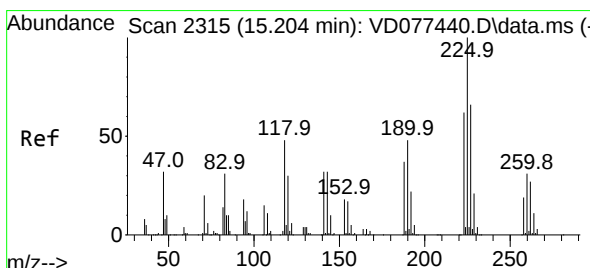
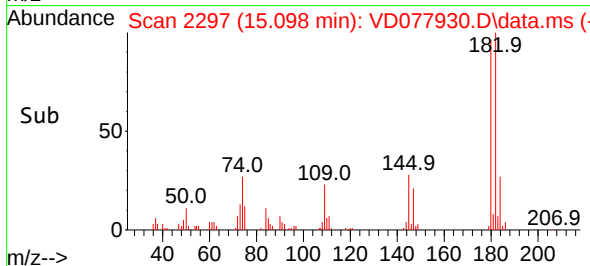
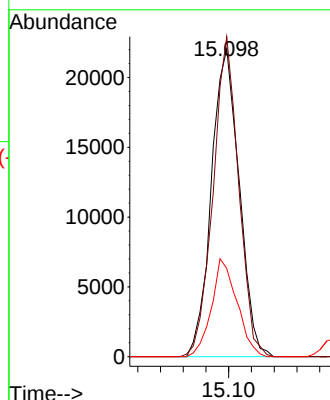
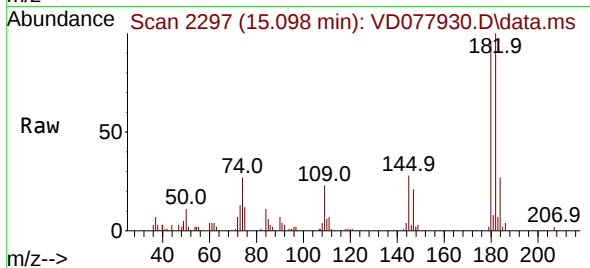
Tgt Ion:180 Resp: 3750

Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.5	145.6
145	29.2	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 18.248 ug/l

RT: 15.204 min Scan# 2315

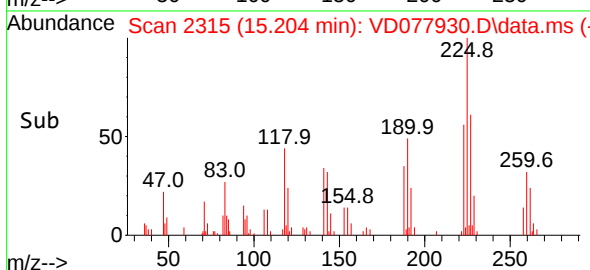
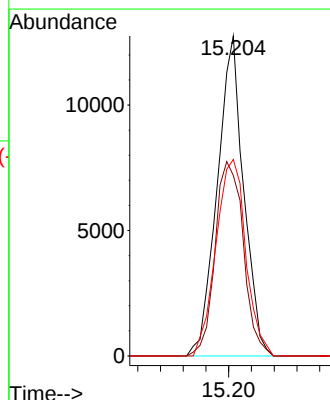
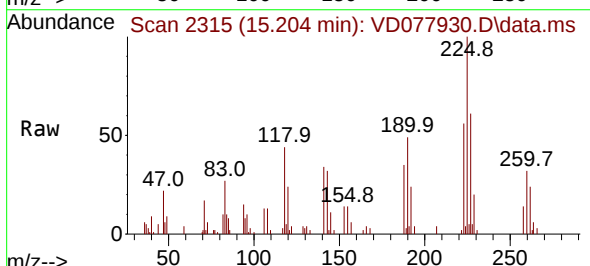
Delta R.T. 0.000 min

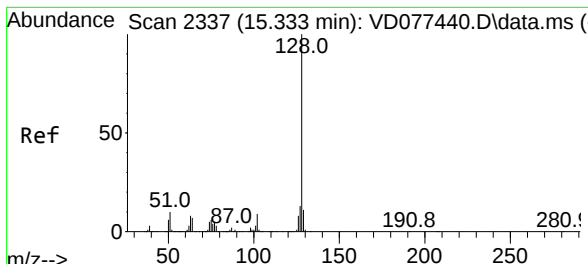
Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Tgt Ion:225 Resp: 20600

Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.6	94.8
227	69.4	31.7	95.1





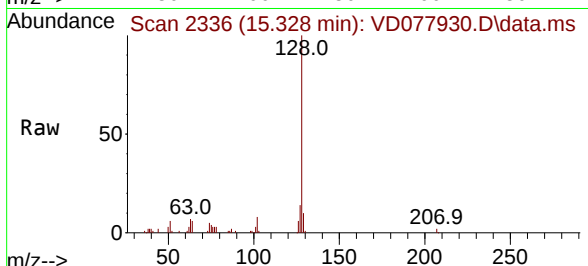
#95
Naphthalene
Concen: 19.417 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD1216SBS01

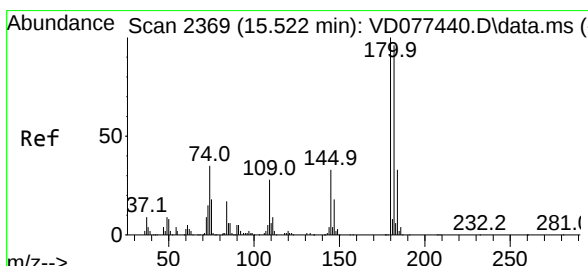
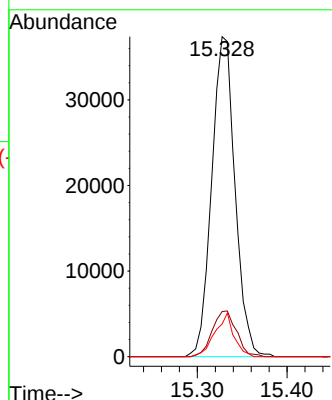
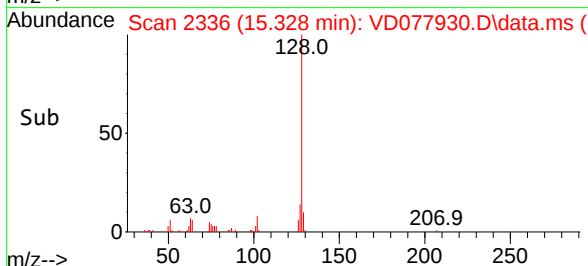


Tgt Ion:	128	Resp:	6754
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.5	15.7
129	10.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.110 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion:	180	Resp:	32983
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.3	141.9
145	31.1	15.1	45.3

