

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077926.D
 Acq On : 16 Dec 2023 03:38
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 05:14:06 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	7.881	168	107572	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	198216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72888	57.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.000%			
35) Dibromofluoromethane	7.804	113	77161	55.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.140%			
50) Toluene-d8	10.269	98	308085	55.402	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.575	95	95621	57.514	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	59430	44.227	ug/l	96
3) Chloromethane	2.152	50	108182	59.063	ug/l	99
4) Vinyl Chloride	2.287	62	146964	59.104	ug/l	99
5) Bromomethane	2.699	94	103183	73.953	ug/l	99
6) Chloroethane	2.840	64	108244	63.852	ug/l	99
7) Trichlorofluoromethane	3.181	101	116662	50.942	ug/l	94
8) Diethyl Ether	3.599	74	39916	62.072	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	68574	52.342	ug/l	96
10) Methyl Iodide	4.169	142	84411	70.343	ug/l	# 90
11) Tert butyl alcohol	5.052	59	16654	273.908	ug/l	# 92
12) 1,1-Dichloroethene	3.946	96	72549	56.107	ug/l	84
13) Acrolein	3.799	56	27073	201.907	ug/l	96
14) Allyl chloride	4.575	41	102851	57.834	ug/l	92
15) Acrylonitrile	5.257	53	86523	314.252	ug/l	99
16) Acetone	4.028	43	67081	244.126	ug/l	# 83
17) Carbon Disulfide	4.275	76	231787	52.985	ug/l	99
18) Methyl Acetate	4.569	43	70130	70.250	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	173901	63.389	ug/l	98
20) Methylene Chloride	4.810	84	100909	69.068	ug/l	# 86
21) trans-1,2-Dichloroethene	5.316	96	88519	60.439	ug/l	86
22) Diisopropyl ether	6.222	45	232261	62.497	ug/l	93
23) Vinyl Acetate	6.157	43	524586	289.053	ug/l	95
24) 1,1-Dichloroethane	6.116	63	157538	62.597	ug/l	96
25) 2-Butanone	7.081	43	95965	277.039	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	117336	55.529	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	104644	66.401	ug/l	93
28) Bromochloromethane	7.428	49	53659	52.764	ug/l	# 77
29) Tetrahydrofuran	7.451	42	59974	297.121	ug/l	89
30) Chloroform	7.604	83	161121	63.968	ug/l	95
31) Cyclohexane	7.881	56	111243	49.340	ug/l	83
32) 1,1,1-Trichloroethane	7.798	97	132137	59.509	ug/l	99
36) 1,1-Dichloropropene	8.016	75	120015	54.039	ug/l	95
37) Ethyl Acetate	7.169	43	42098	48.614	ug/l	# 92
38) Carbon Tetrachloride	7.993	117	115502	52.167	ug/l	94
39) Methylcyclohexane	9.275	83	130252	49.472	ug/l	96
40) Benzene	8.251	78	369080	58.553	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	27141	61.665	ug/l	88
42) 1,2-Dichloroethane	8.328	62	96356	58.973	ug/l	94
43) Isopropyl Acetate	8.363	43	86522	56.206	ug/l #	91
44) Trichloroethene	9.028	130	92431	56.270	ug/l	99
45) 1,2-Dichloropropane	9.304	63	89212	58.220	ug/l	93
46) Dibromomethane	9.398	93	48928	60.348	ug/l	92
47) Bromodichloromethane	9.587	83	123993	60.336	ug/l	99
48) Methyl methacrylate	9.381	41	49944	57.075	ug/l #	80
49) 1,4-Dioxane	9.387	88	7780	966.376	ug/l #	78
51) 4-Methyl-2-Pentanone	10.163	43	222712	283.480	ug/l	90
52) Toluene	10.334	92	235392	60.203	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	117796	59.691	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	139657	58.533	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	66233	59.723	ug/l	91
56) Ethyl methacrylate	10.598	69	59345	60.704	ug/l	91
57) 1,3-Dichloropropane	10.881	76	113895	59.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	136671	245.143	ug/l	94
59) 2-Hexanone	10.922	43	155043	237.870	ug/l	90
60) Dibromochloromethane	11.075	129	82728	61.958	ug/l	96
61) 1,2-Dibromoethane	11.181	107	62704	60.065	ug/l	99
64) Tetrachloroethene	10.810	164	77964	56.560	ug/l	96
65) Chlorobenzene	11.610	112	247068	56.112	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	91281	58.530	ug/l	97
67) Ethyl Benzene	11.686	91	454718	58.237	ug/l	96
68) m/p-Xylenes	11.792	106	355390	118.994	ug/l	94
69) o-Xylene	12.122	106	164574	59.790	ug/l	93
70) Styrene	12.134	104	251544	61.459	ug/l	94
71) Bromoform	12.298	173	48490	59.506	ug/l #	98
73) Isopropylbenzene	12.422	105	429017	55.526	ug/l	96
74) N-amyl acetate	12.234	43	76937	50.657	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	77061	57.201	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	53848m	60.819	ug/l	
77) Bromobenzene	12.704	156	102528	56.416	ug/l	92
78) n-propylbenzene	12.763	91	529199	56.209	ug/l	95
79) 2-Chlorotoluene	12.851	91	284919	56.470	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	364491	56.562	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	23487	53.747	ug/l	96
82) 4-Chlorotoluene	12.945	91	305290	57.878	ug/l	96
83) tert-Butylbenzene	13.169	119	315705	58.031	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	375529	58.264	ug/l	97
85) sec-Butylbenzene	13.345	105	447592	55.660	ug/l	96
86) p-Isopropyltoluene	13.463	119	415008	57.641	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	215576	58.006	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	209727	56.754	ug/l	99
89) n-Butylbenzene	13.786	91	373009	55.059	ug/l	99
90) Hexachloroethane	14.051	117	78117	58.996	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	181436	57.403	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11070	56.860	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	113590	52.613	ug/l	98
94) Hexachlorobutadiene	15.204	225	57426	49.326	ug/l	98
95) Naphthalene	15.333	128	207236	57.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	96840	54.408	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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

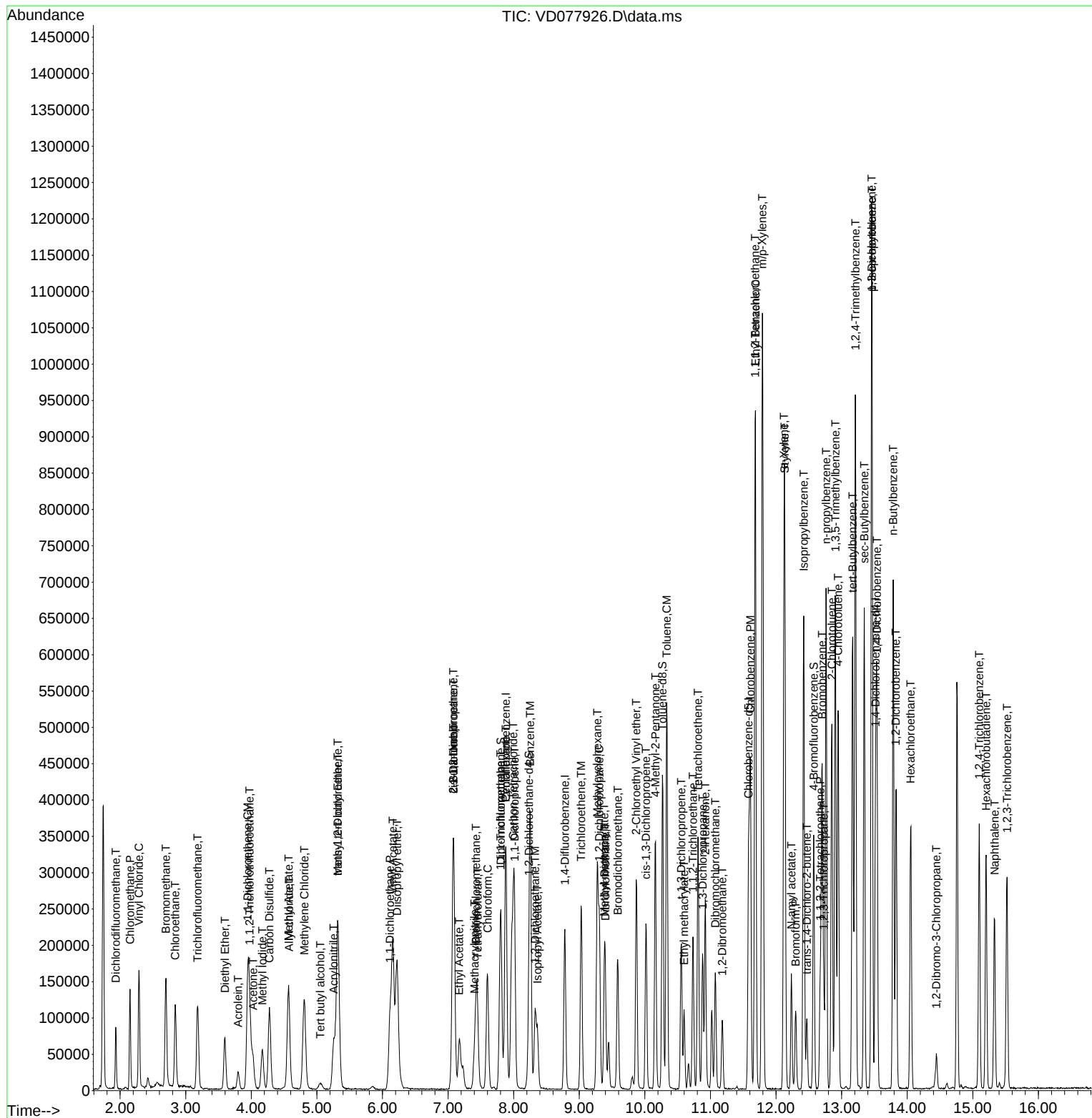
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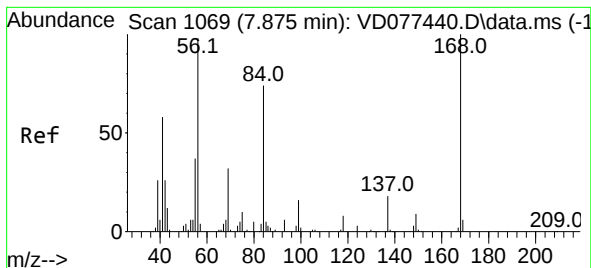
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 107572

Ion Ratio Lower Upper

168 100

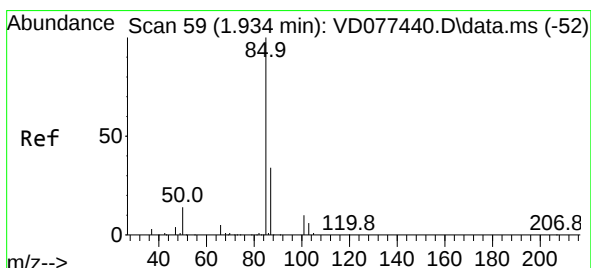
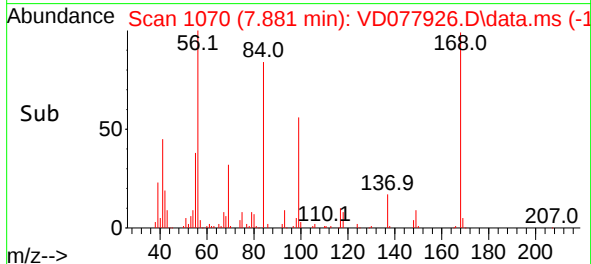
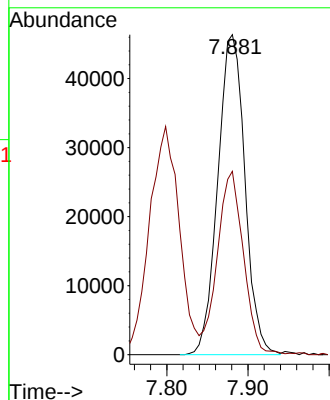
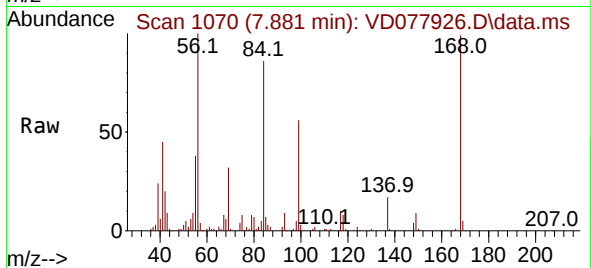
99 56.7 36.7 55.1

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/18/2023



#2

Dichlorodifluoromethane

Concen: 44.227 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077926.D

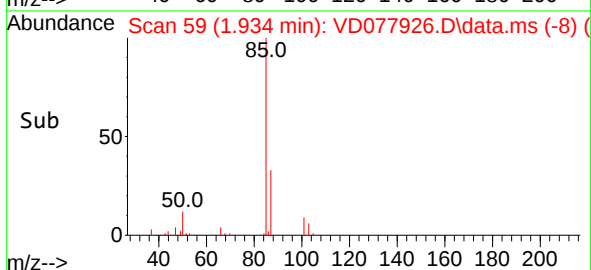
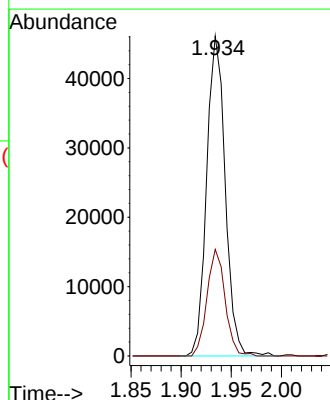
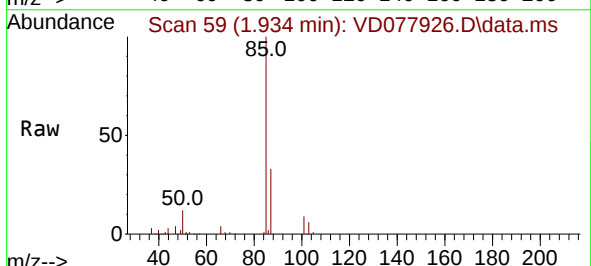
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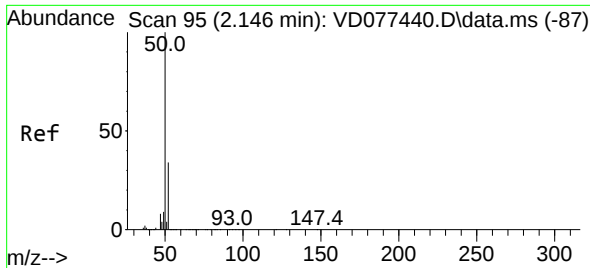
Tgt Ion: 85 Resp: 59430

Ion Ratio Lower Upper

85 100

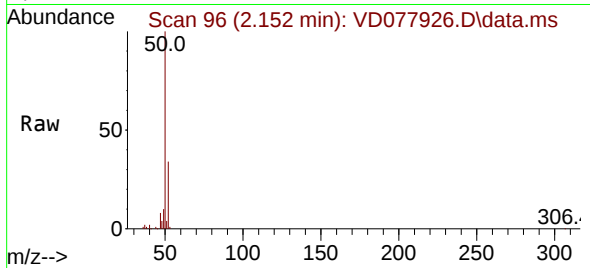
87 33.3 15.7 47.0





#3
Chloromethane
Concen: 59.063 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

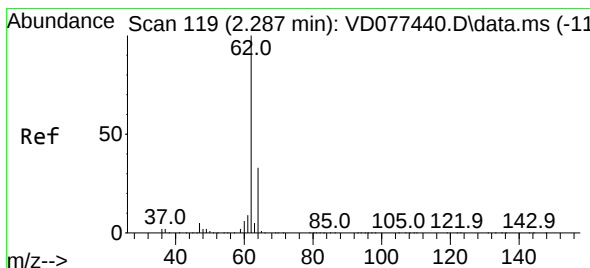
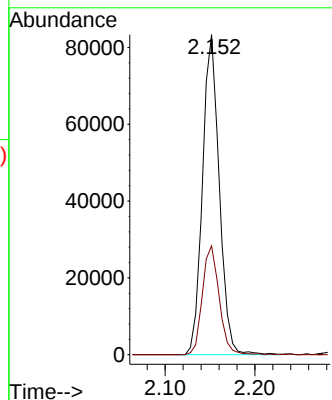
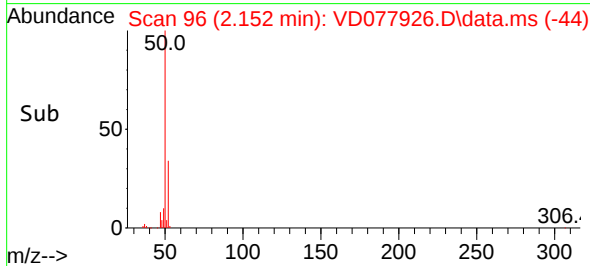
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 10818
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0

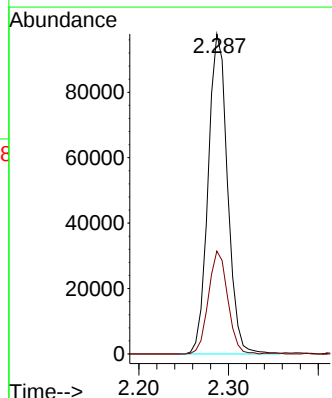
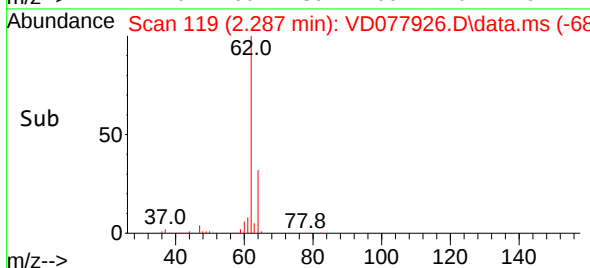
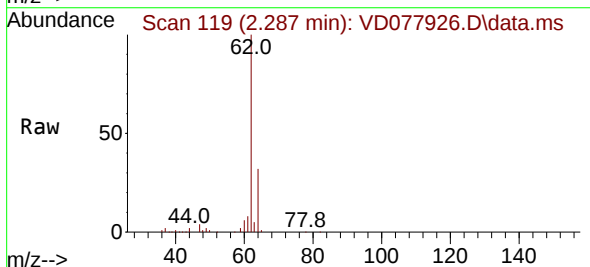
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#4
Vinyl Chloride
Concen: 59.104 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

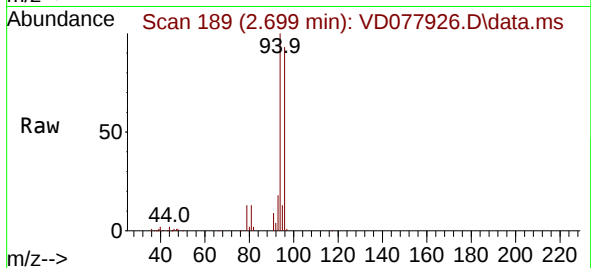
Tgt Ion: 62 Resp: 146964
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5
Bromomethane
Concen: 73.953 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

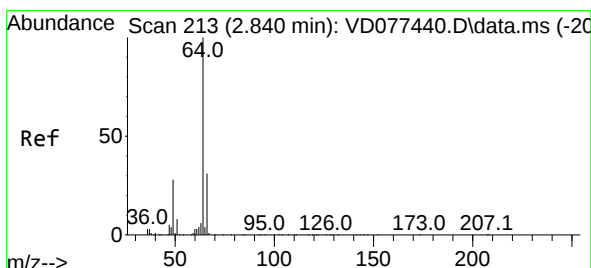
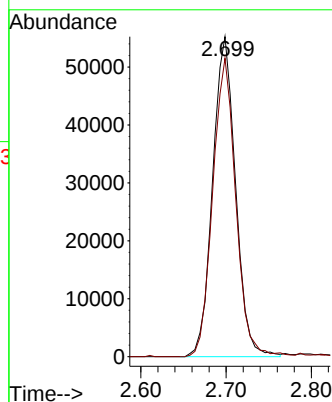
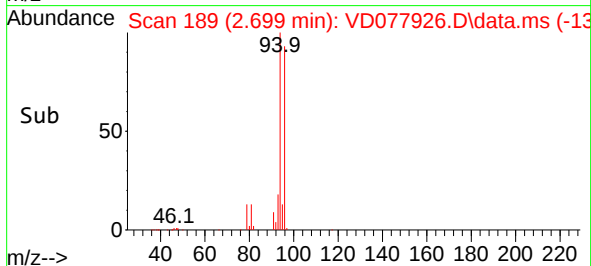
Instrument :
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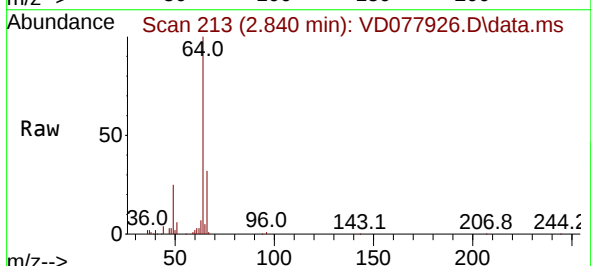
Tgt Ion: 94 Resp: 10318
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8

Manual Integrations
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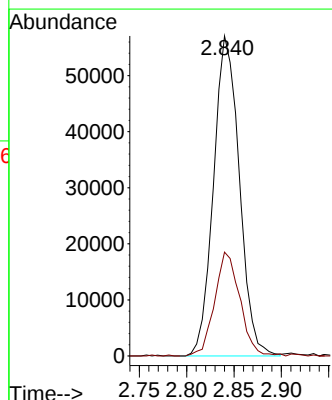
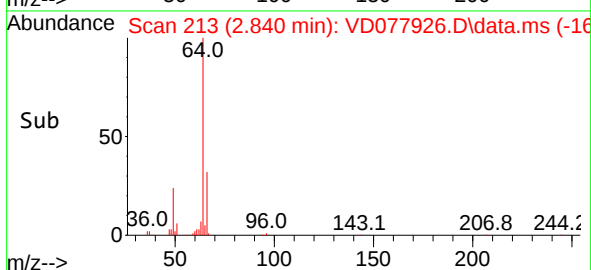
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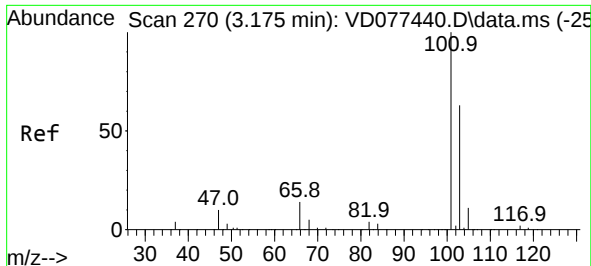


#6
Chloroethane
Concen: 63.852 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



Tgt Ion: 64 Resp: 108244
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3





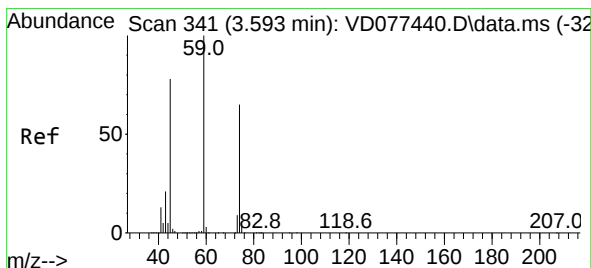
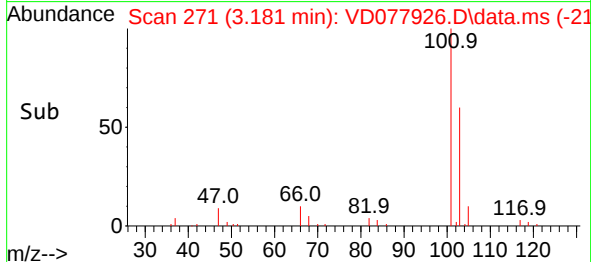
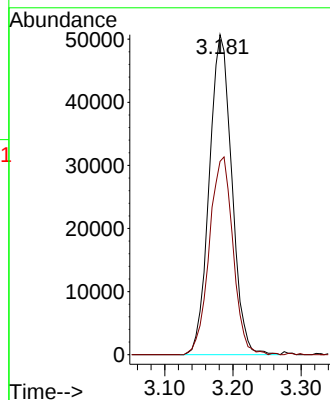
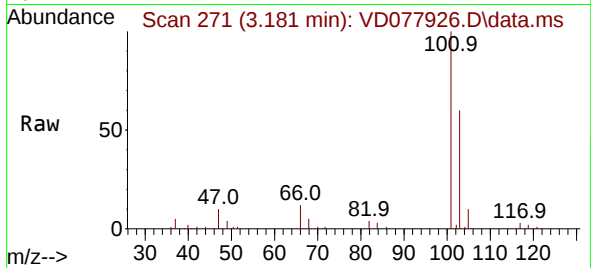
#7
Trichlorofluoromethane
Concen: 50.942 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 116662
Ion Ratio Lower Upper
101 100
103 60.4 52.3 78.5

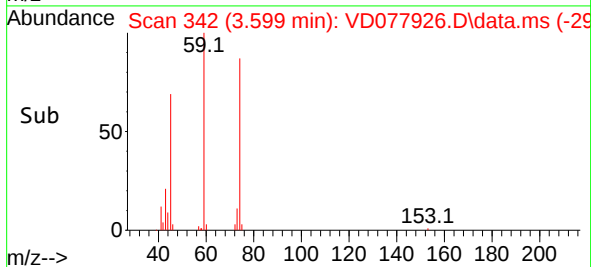
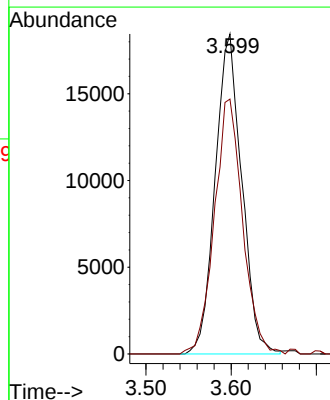
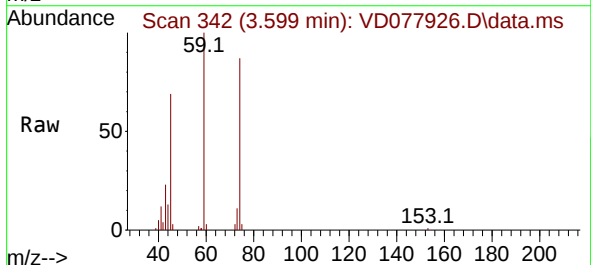
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#8
Diethyl Ether
Concen: 62.072 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 74 Resp: 39916
Ion Ratio Lower Upper
74 100
45 84.8 37.5 112.7





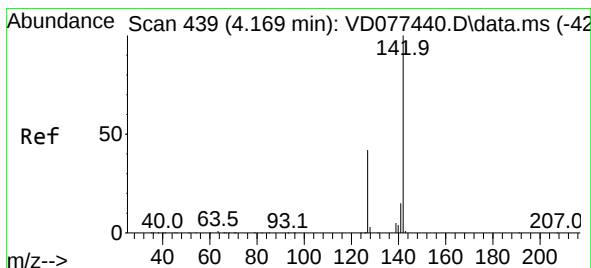
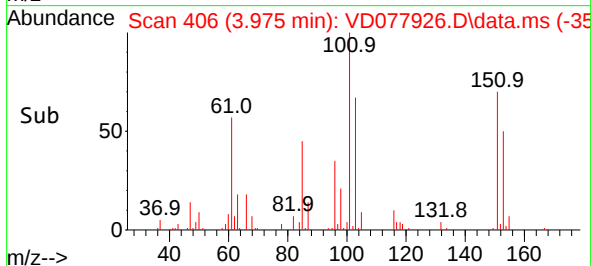
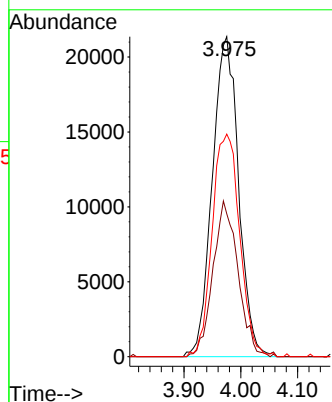
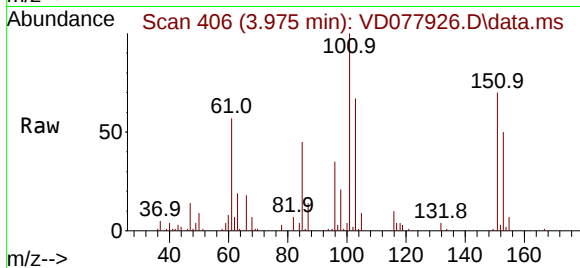
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.342 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 68574
Ion Ratio Lower Upper
101 100
85 46.5 33.8 50.6
151 73.1 59.8 89.6

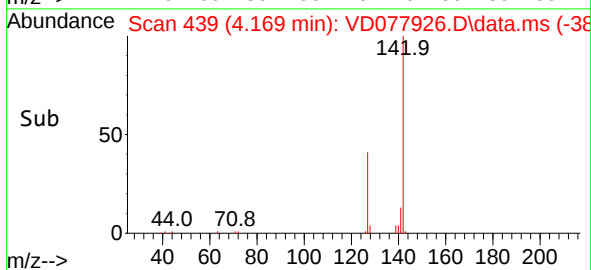
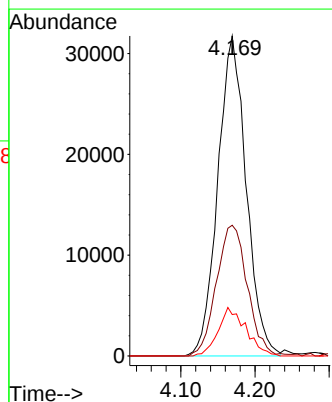
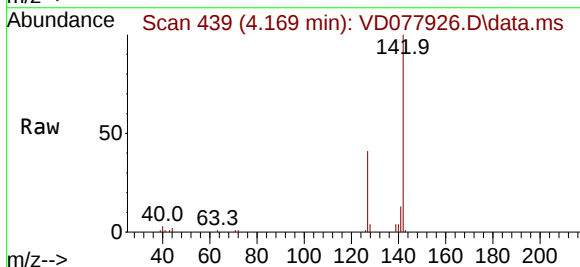
Manual Integrations
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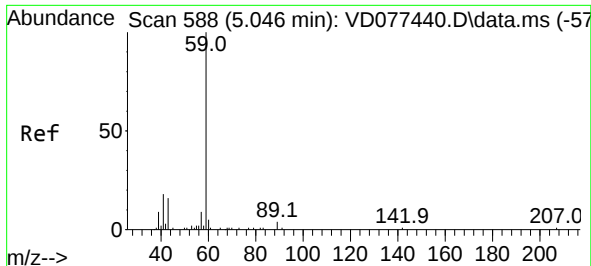
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 70.343 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

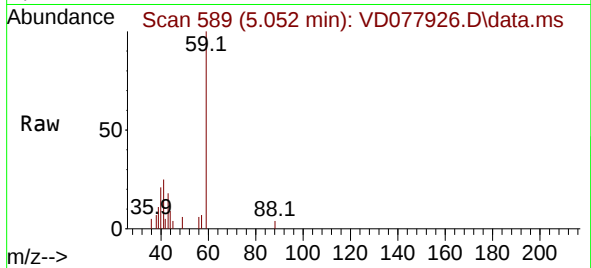
Tgt Ion:142 Resp: 84411
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 14.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 273.908 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

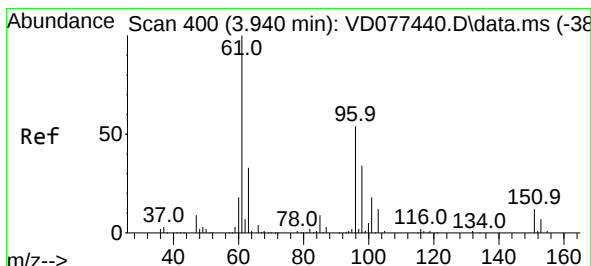
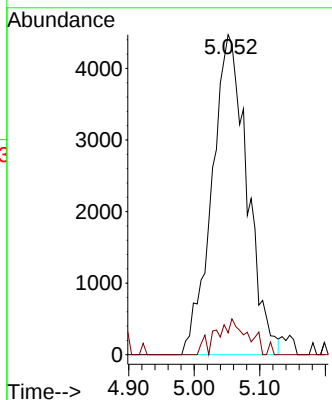
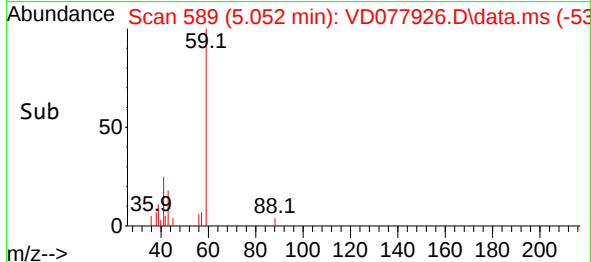
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



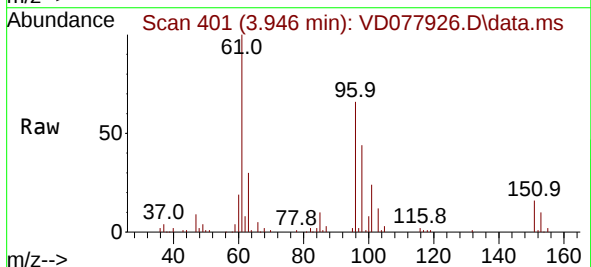
Tgt Ion: 59 Resp: 16654
Ion Ratio Lower Upper
59 100
57 7.0 7.8 11.8

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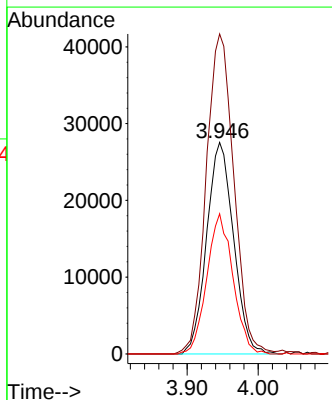
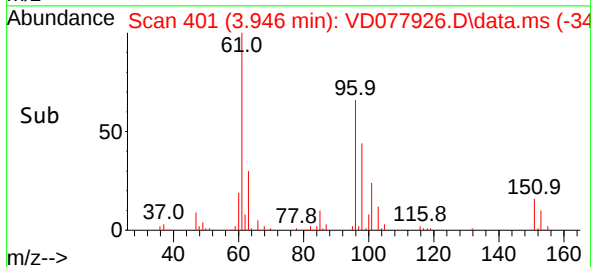
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

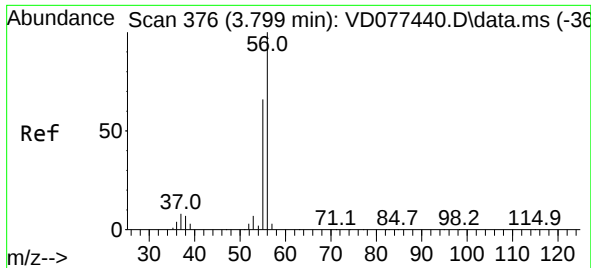


#12
1,1-Dichloroethene
Concen: 56.107 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



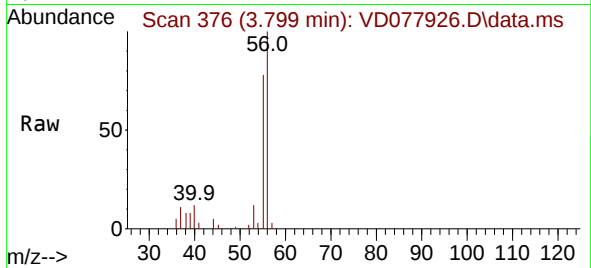
Tgt Ion: 96 Resp: 72549
Ion Ratio Lower Upper
96 100
61 150.6 100.6 150.8
98 66.3 50.2 75.2





#13
Acrolein
Concen: 201.907 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

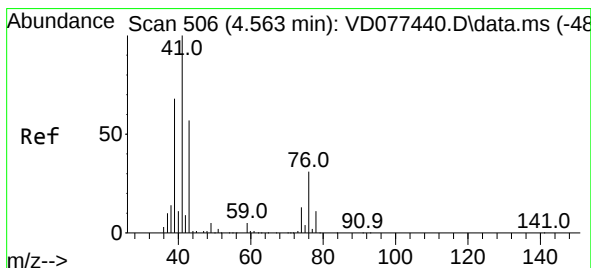
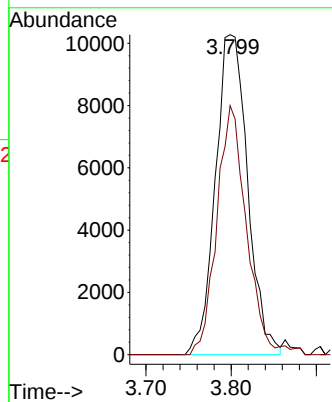
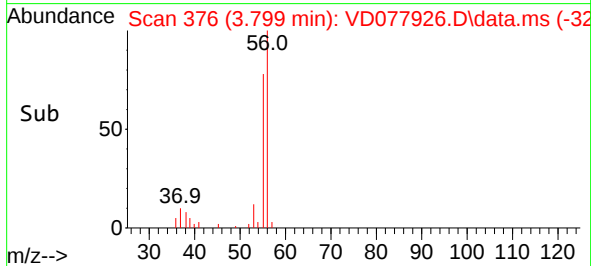
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2707
Ion Ratio Lower Upper
56 100
55 71.8 55.1 82.7

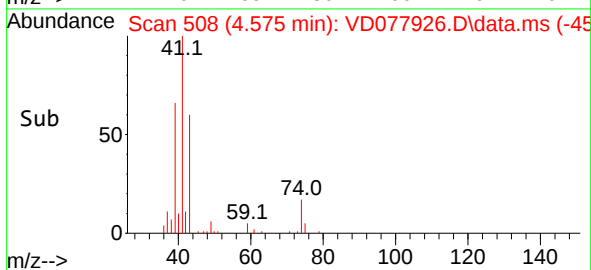
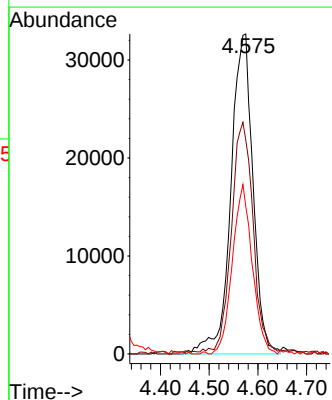
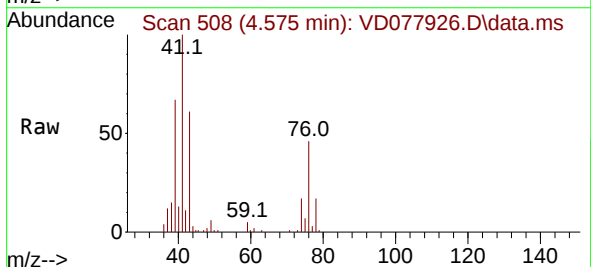
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 57.834 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

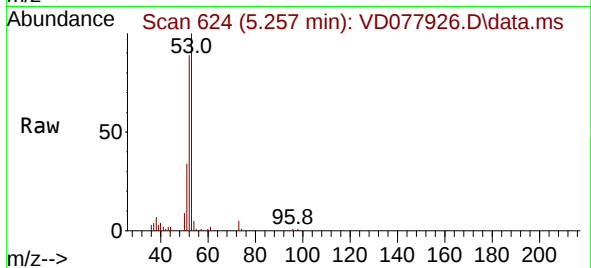
Tgt Ion: 41 Resp: 102851
Ion Ratio Lower Upper
41 100
39 69.6 53.8 80.6
76 47.5 45.8 68.8





#15
Acrylonitrile
Concen: 314.252 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

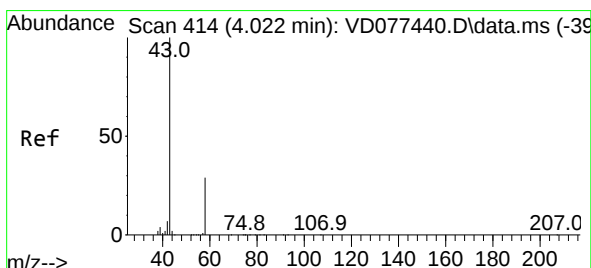
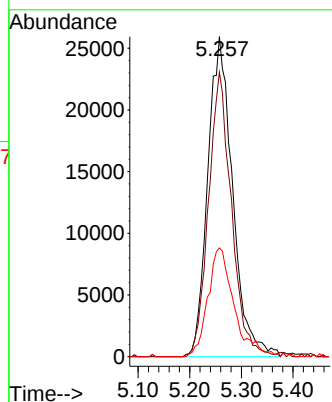
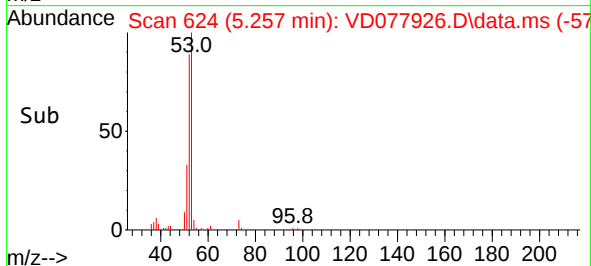
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 8652
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 35.8 28.3 42.5

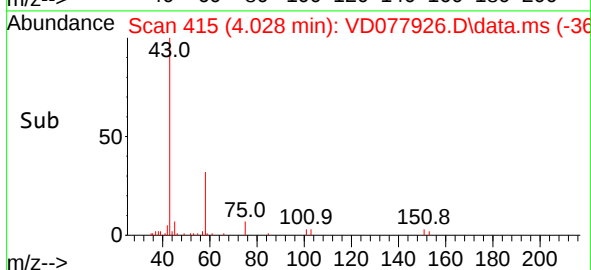
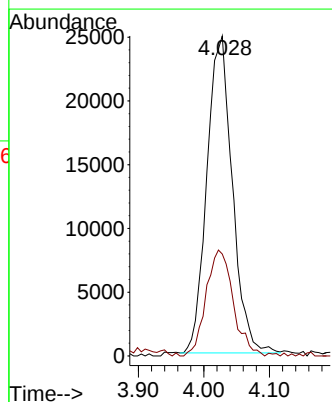
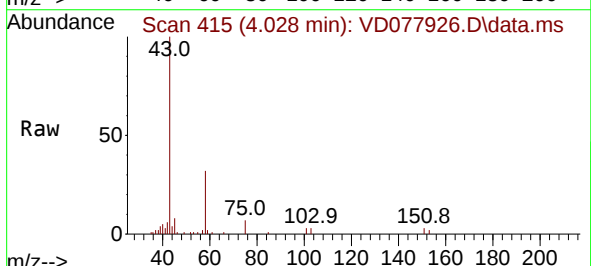
Manual Integrations
APPROVED

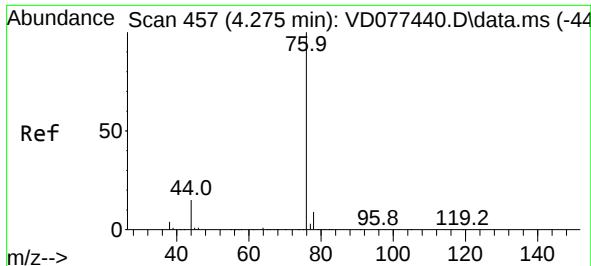
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 244.126 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

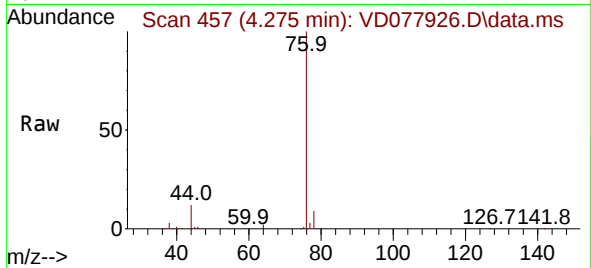
Tgt Ion: 43 Resp: 67081
Ion Ratio Lower Upper
43 100
58 32.2 34.7 52.1#





#17
Carbon Disulfide
Concen: 52.985 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

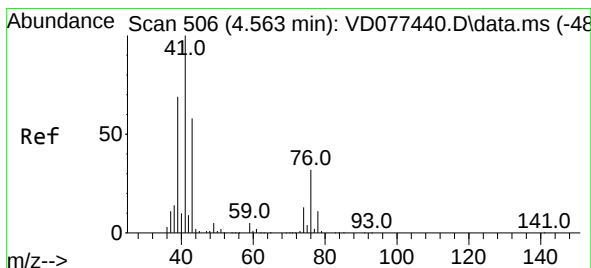
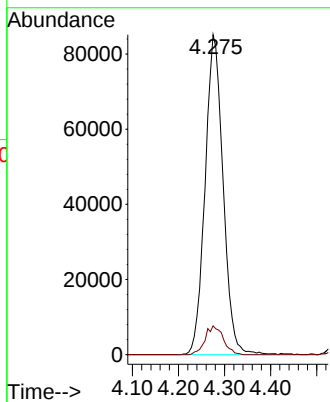
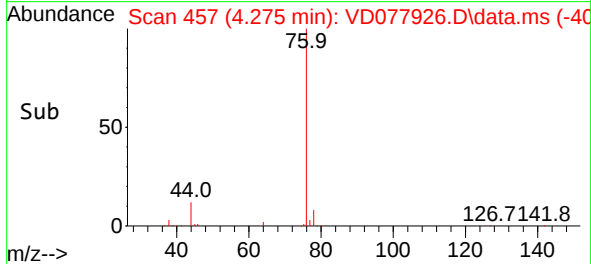
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 23178
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

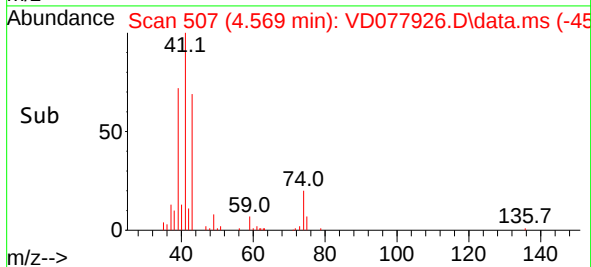
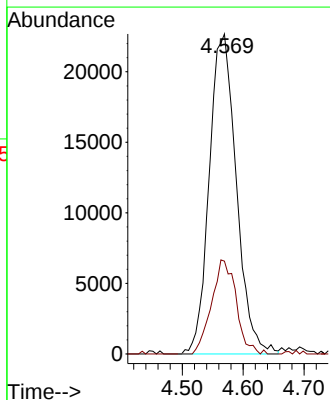
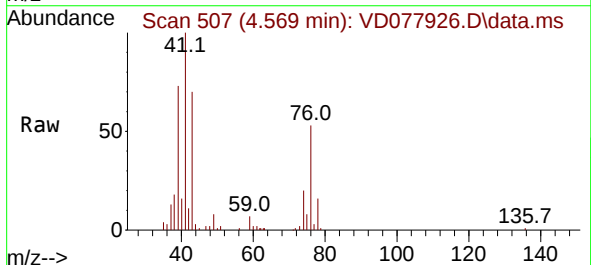
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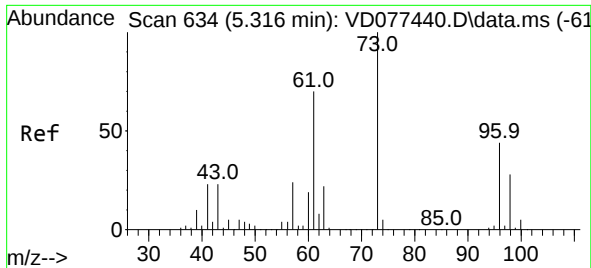
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#18
Methyl Acetate
Concen: 70.250 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

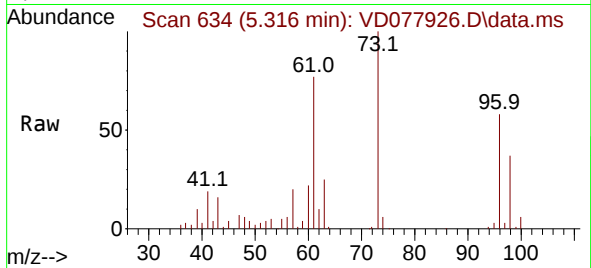
Tgt Ion: 43 Resp: 70130
Ion Ratio Lower Upper
43 100
74 26.7 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 63.389 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

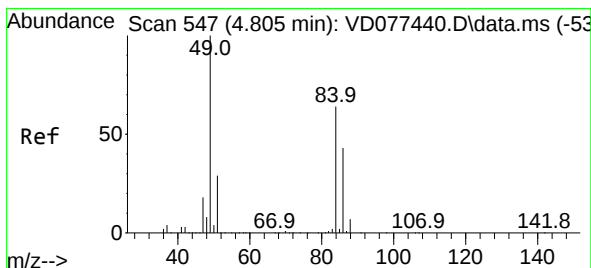
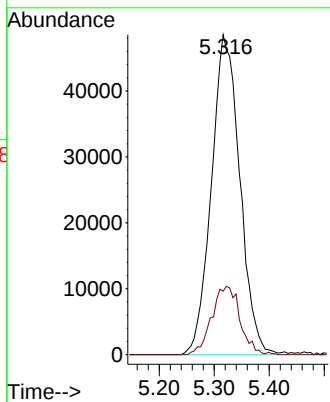
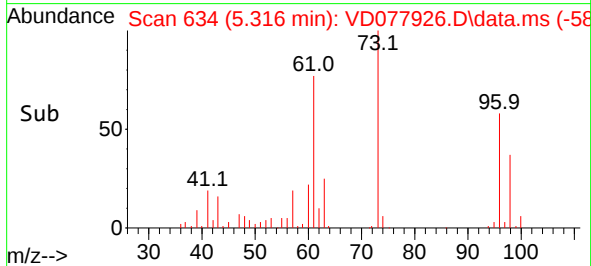
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 17390
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0

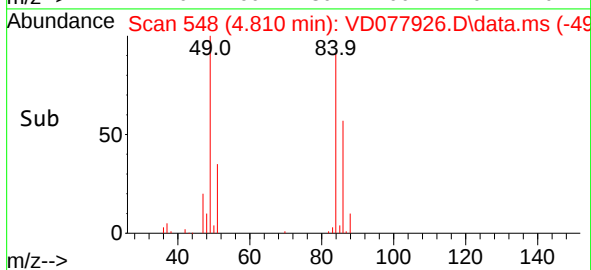
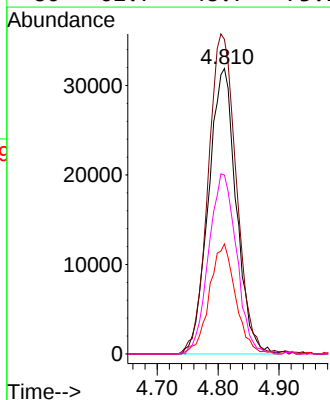
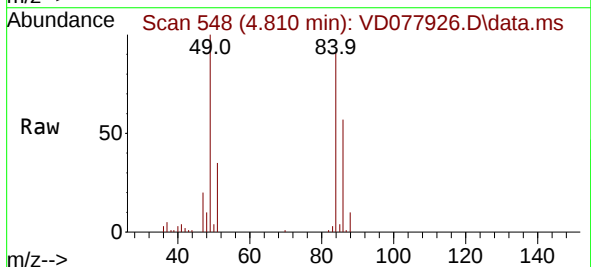
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 69.068 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

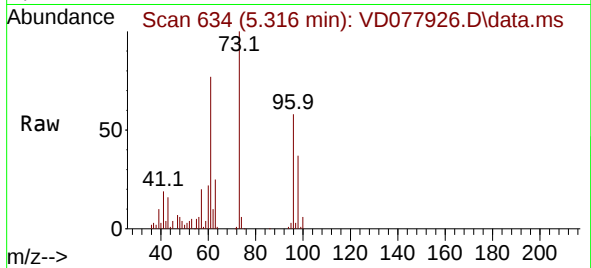
Tgt Ion: 84 Resp: 100909
Ion Ratio Lower Upper
84 100
49 110.2 71.4 107.2#
51 38.6 24.5 36.7#
86 62.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 60.439 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

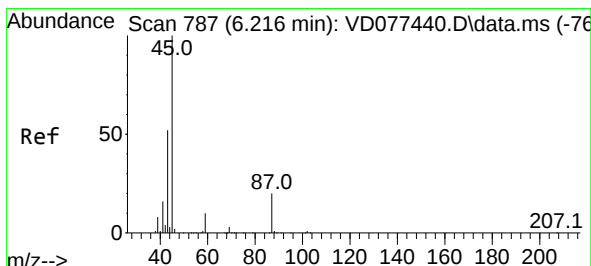
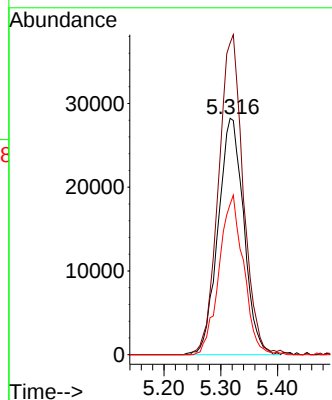
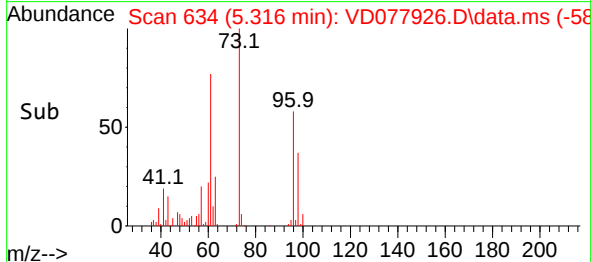
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 88519
Ion Ratio Lower Upper
96 100
61 131.9 89.3 133.9
98 63.7 48.6 73.0

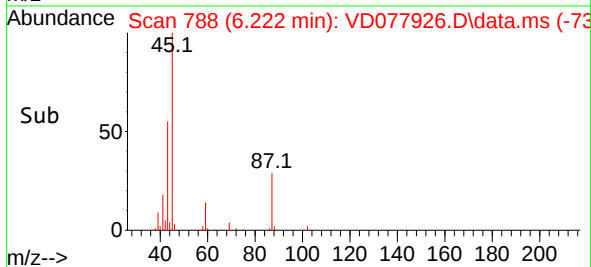
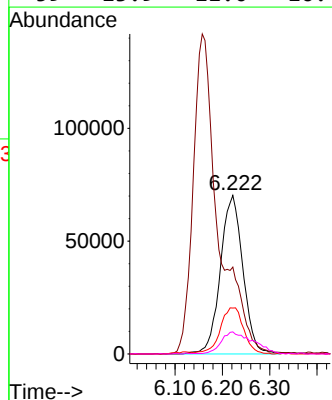
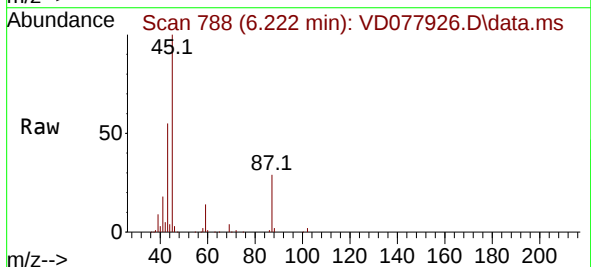
Manual Integrations
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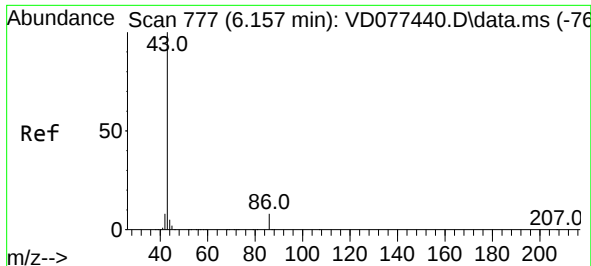
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 62.497 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

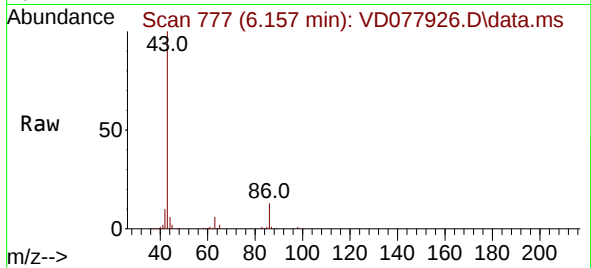
Tgt Ion: 45 Resp: 232261
Ion Ratio Lower Upper
45 100
43 53.8 40.0 60.0
87 29.0 28.2 42.4
59 13.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 289.053 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

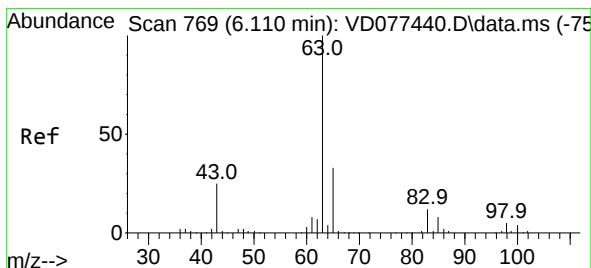
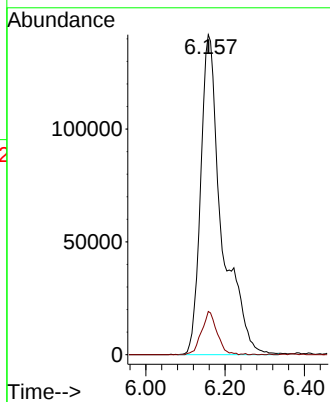
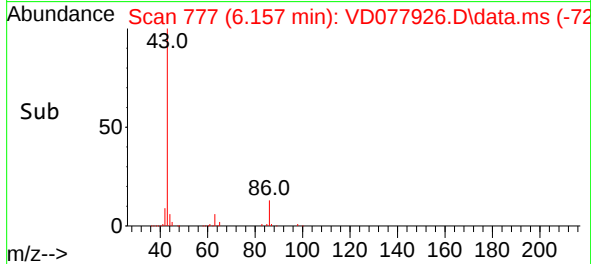
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



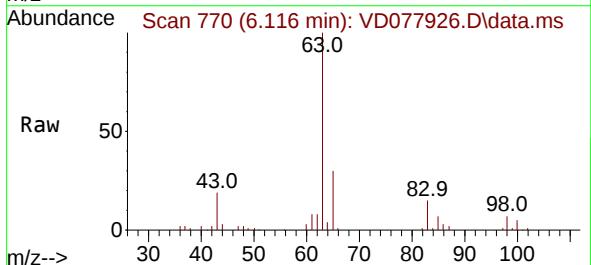
Tgt Ion: 43 Resp: 524580
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7

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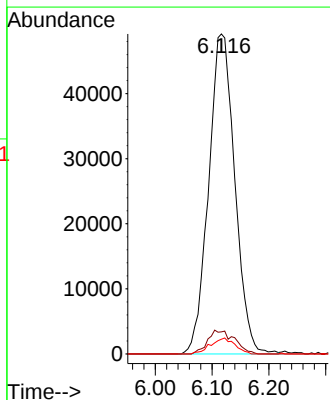
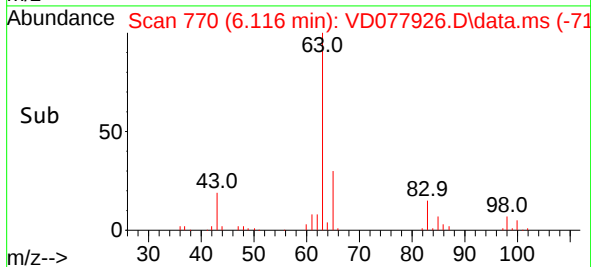
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24
 1,1-Dichloroethane
 Concen: 62.597 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38



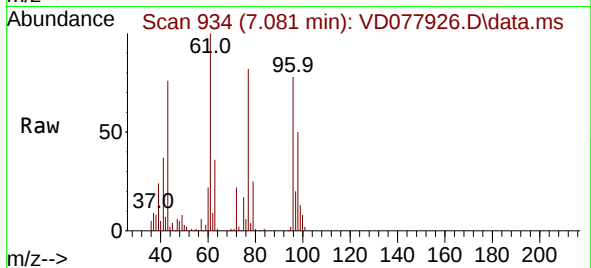
Tgt Ion: 63 Resp: 157538
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 4.6 2.5 7.5





#25
2-Butanone
Concen: 277.039 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

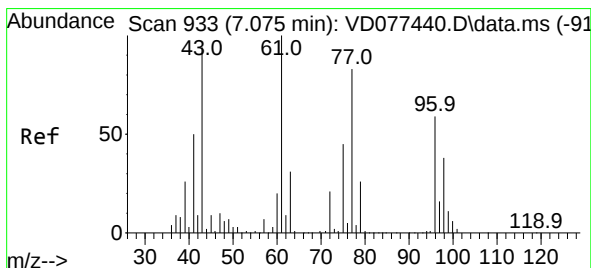
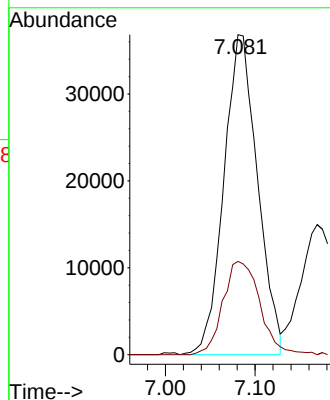
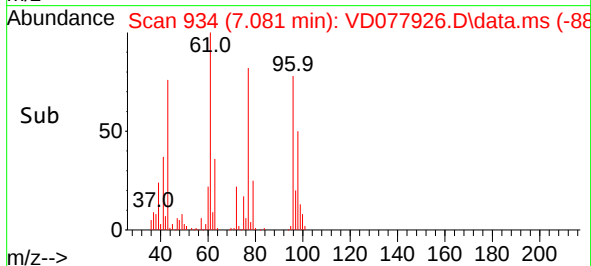
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



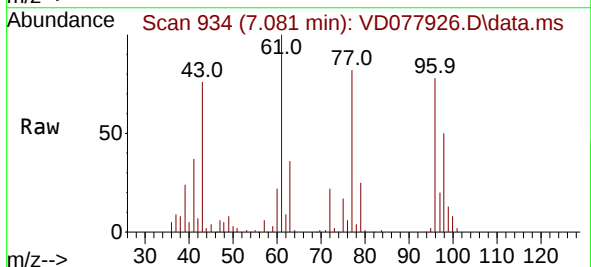
Tgt Ion: 43 Resp: 9596
Ion Ratio Lower Upper
43 100
72 29.2 30.7 46.1

Manual Integrations
APPROVED

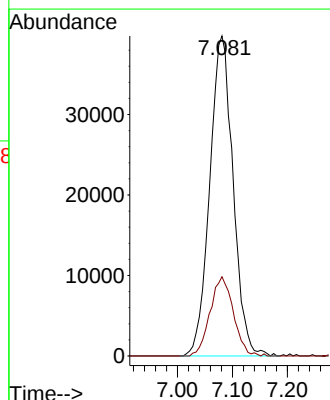
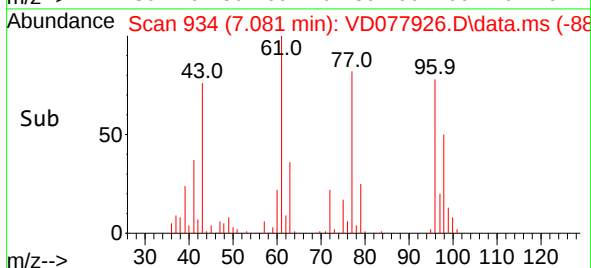
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#26
2,2-Dichloropropane
Concen: 55.529 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



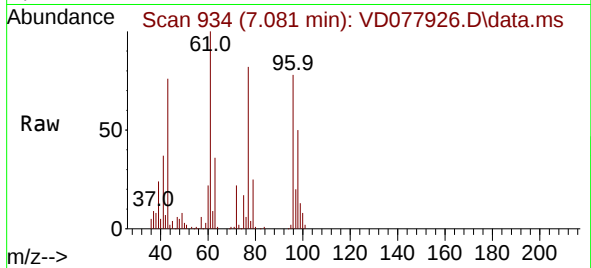
Tgt Ion: 77 Resp: 117336
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 66.401 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

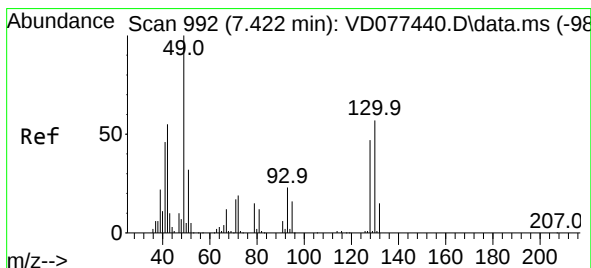
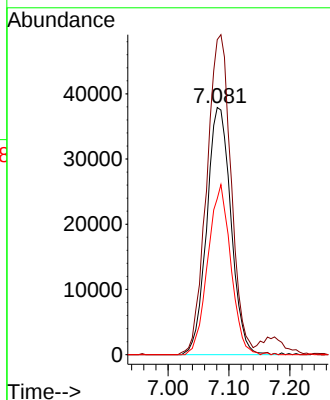
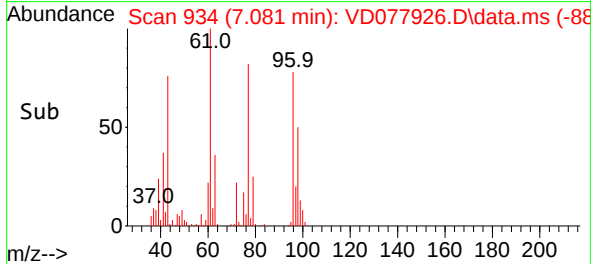
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 104644
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 239.2
 98 65.0 0.0 128.6

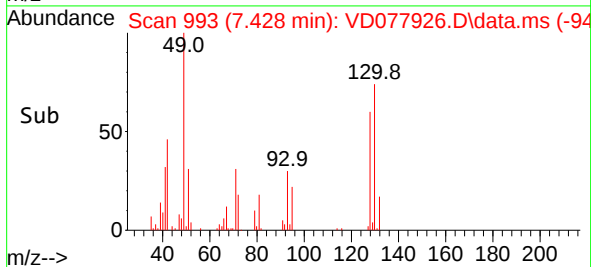
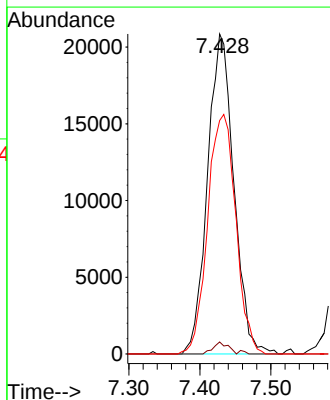
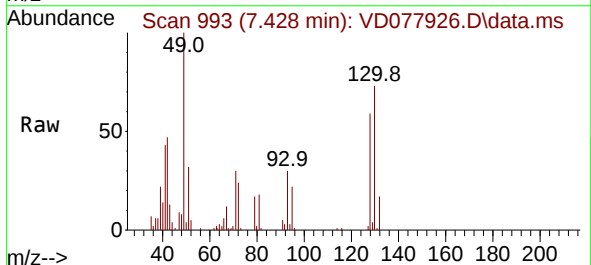
Manual Integrations
 APPROVED

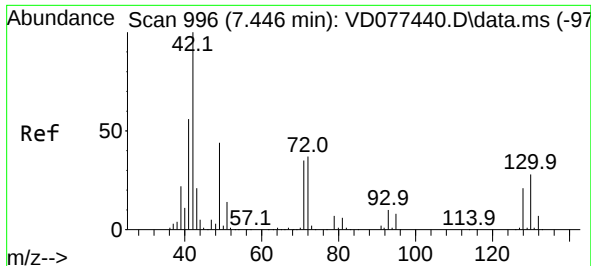
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#28
 Bromochloromethane
 Concen: 52.764 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

Tgt Ion: 49 Resp: 53659
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.0
 130 79.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 297.121 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.005 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

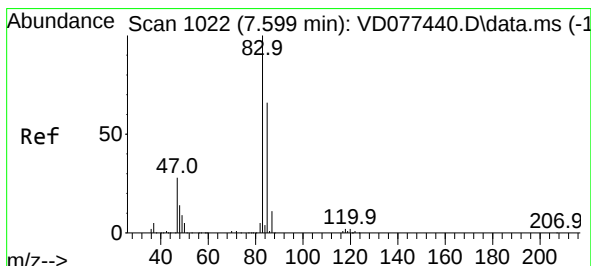
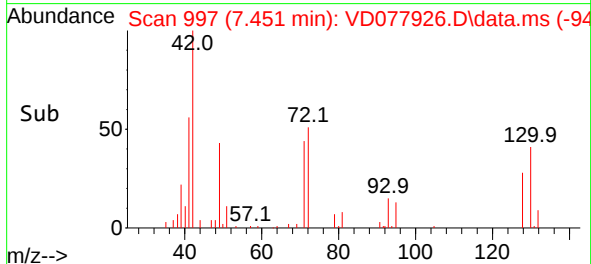
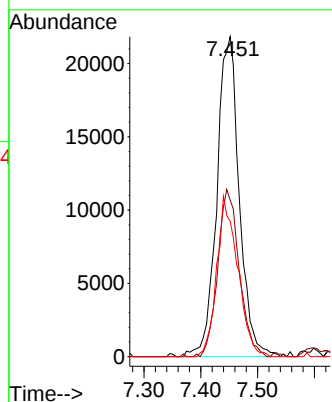
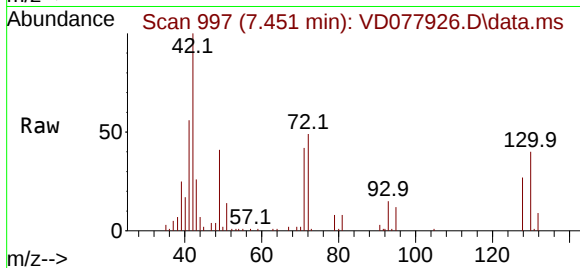
VSTDCCC050EC

Tgt Ion:	42	Resp:	59974
Ion Ratio	Lower	Upper	
42	100		
72	50.1	46.5	69.7
71	46.9	44.5	66.7

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 63.968 ug/l

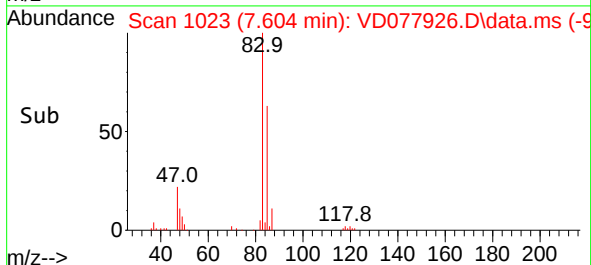
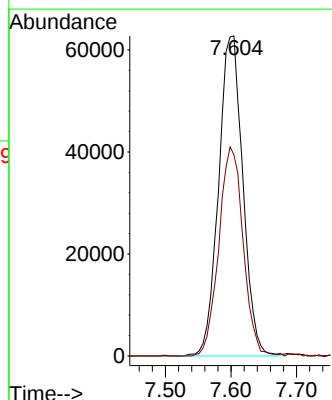
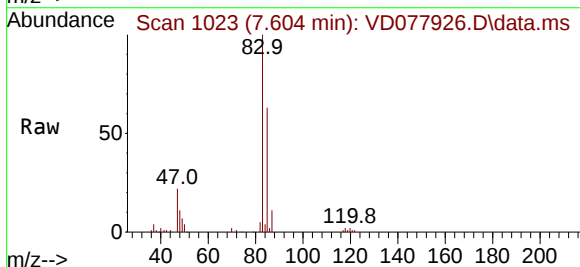
RT: 7.604 min Scan# 1023

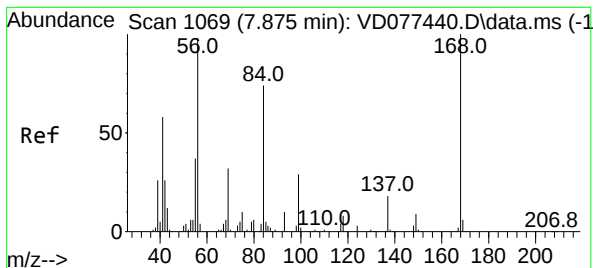
Delta R.T. 0.005 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Tgt Ion:	83	Resp:	161121
Ion Ratio	Lower	Upper	
83	100		
85	62.8	53.4	80.2





#31

Cyclohexane

Concen: 49.340 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

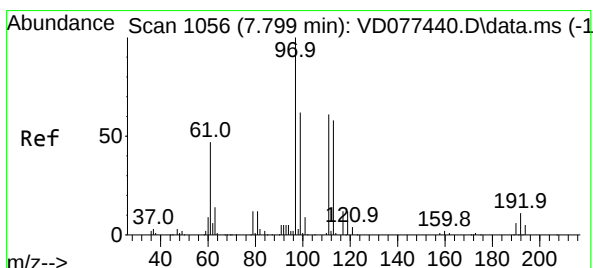
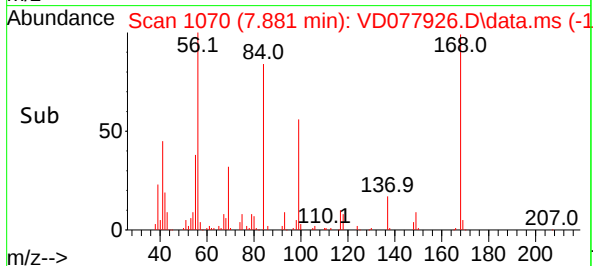
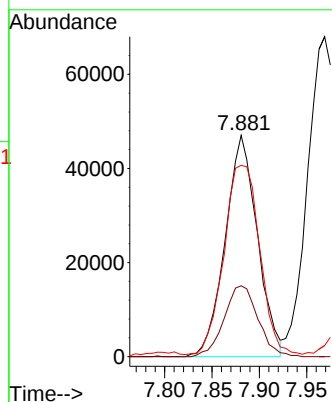
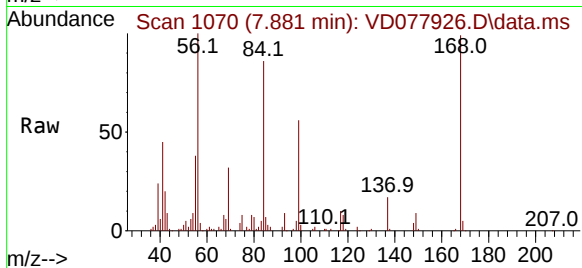
Tgt Ion: 56 Resp: 11124

Ion	Ratio	Lower	Upper
56	100		
69	32.1	28.6	43.0
84	85.3	84.8	127.2

Manual Integrations

APPROVED

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



#32

1,1,1-Trichloroethane

Concen: 59.509 ug/l

RT: 7.798 min Scan# 1056

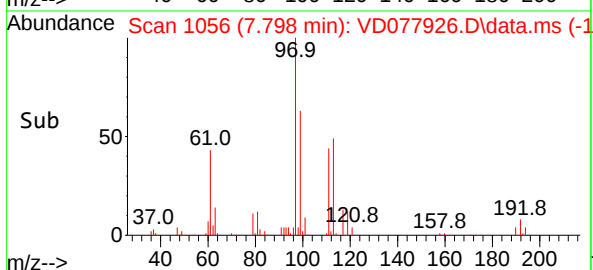
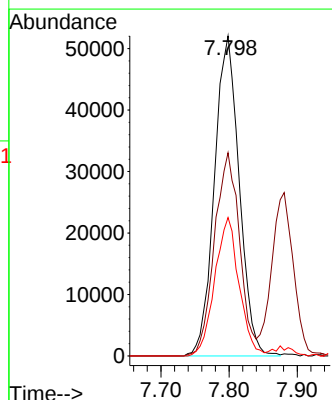
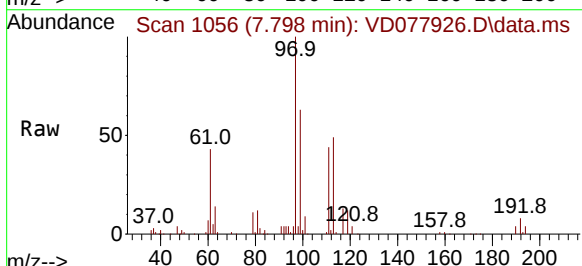
Delta R.T. -0.001 min

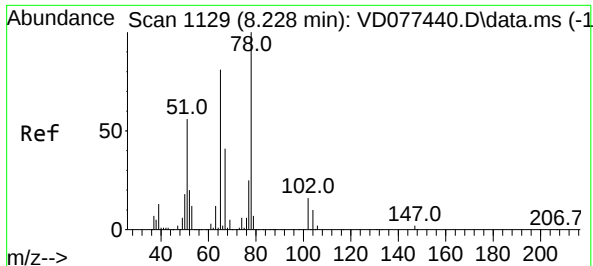
Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Tgt Ion: 97 Resp: 132137

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	42.2	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 57.502 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7288

Ion Ratio Lower Upper

65 100

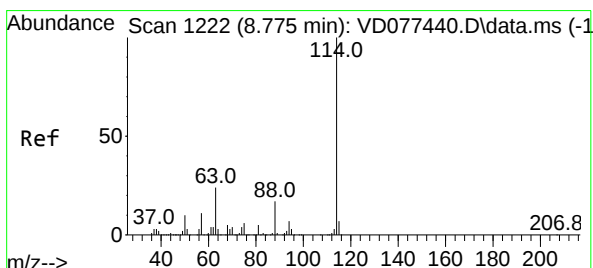
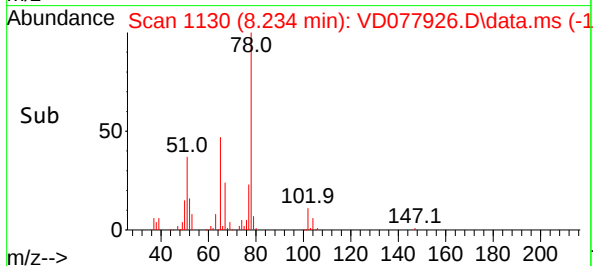
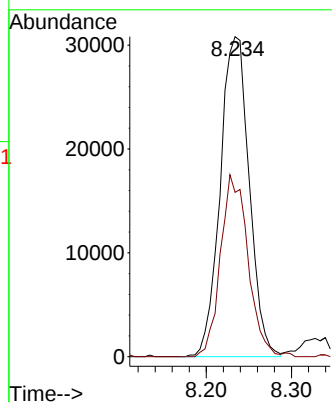
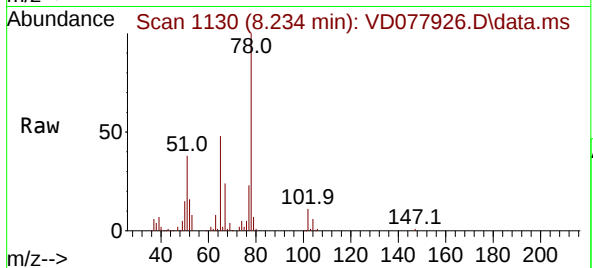
67 53.6 0.0 115.0

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: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

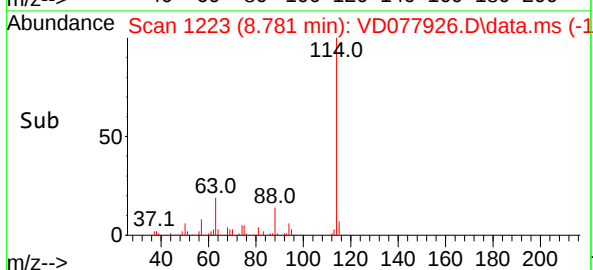
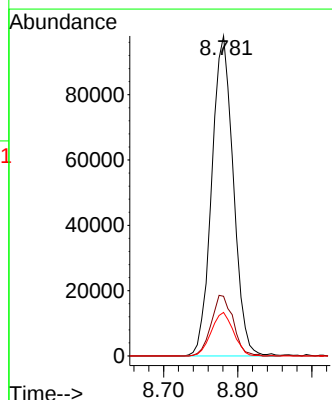
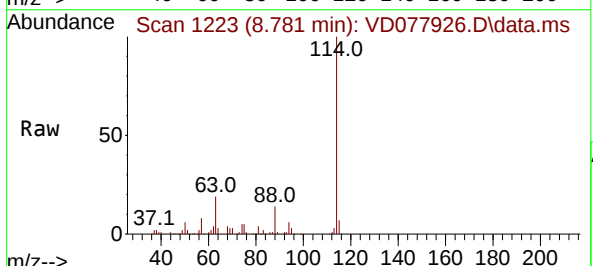
Tgt Ion:114 Resp: 198216

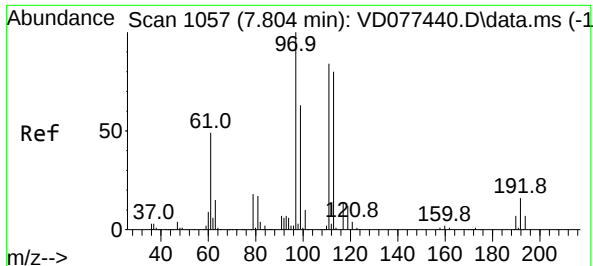
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

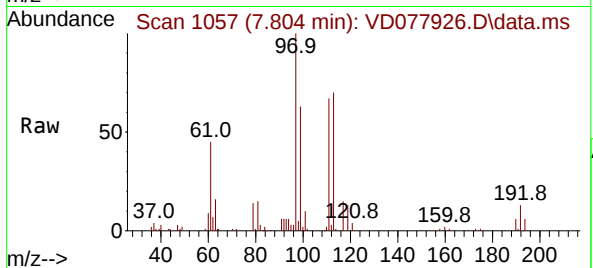
88 13.6 0.0 26.2





#35
Dibromofluoromethane
Concen: 55.574 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

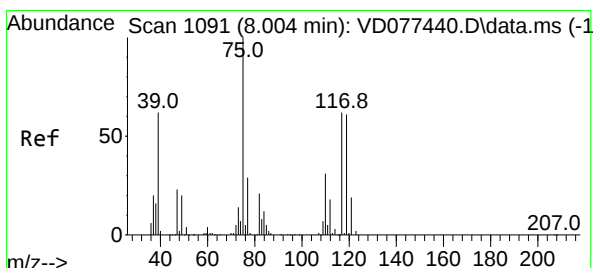
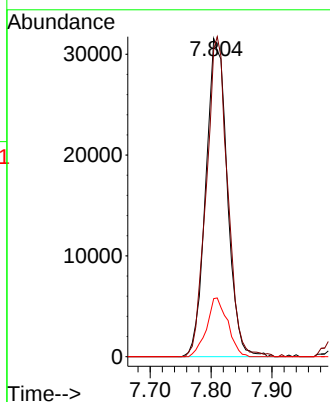
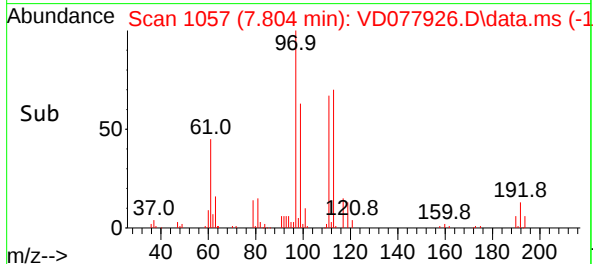
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



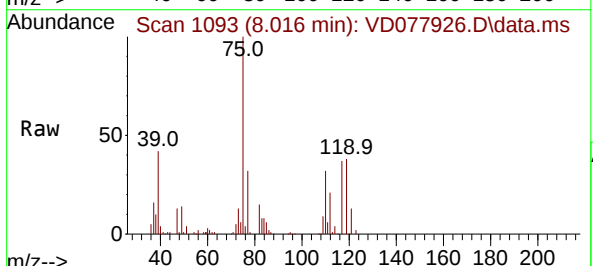
Tgt Ion:113 Resp: 7716
Ion Ratio Lower Upper
113 100
111 99.7 84.7 127.1
192 18.1 16.8 25.2

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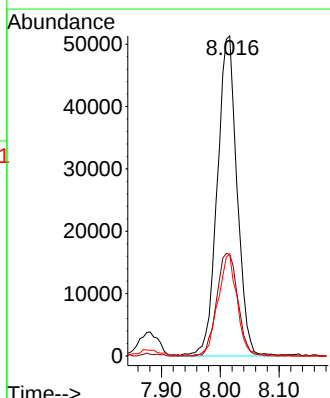
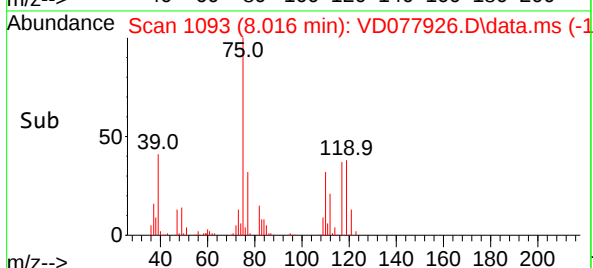
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#36
1,1-Dichloropropene
Concen: 54.039 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



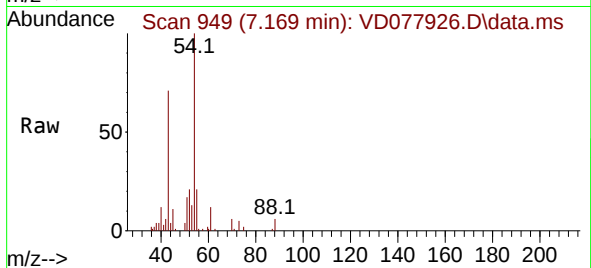
Tgt Ion: 75 Resp: 120015
Ion Ratio Lower Upper
75 100
110 34.1 19.9 59.6
77 30.7 24.7 37.1





#37
Ethyl Acetate
Concen: 48.614 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

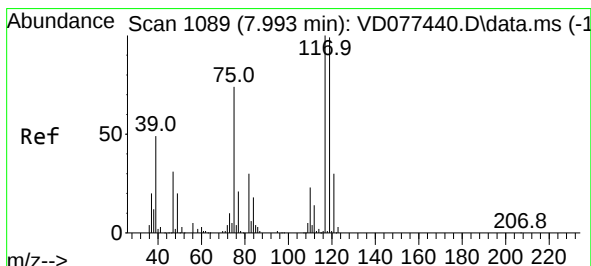
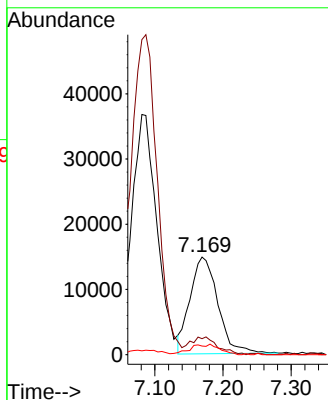
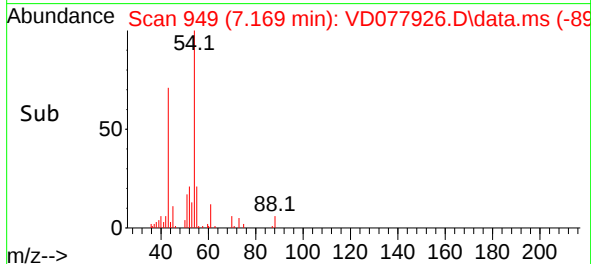
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 42098
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
70 5.4 10.0 15.0

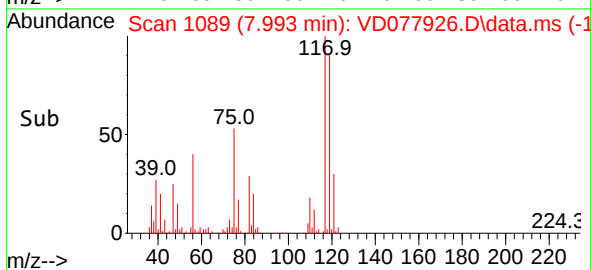
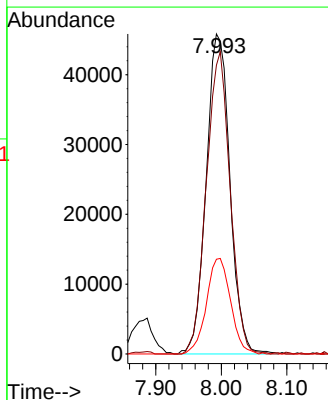
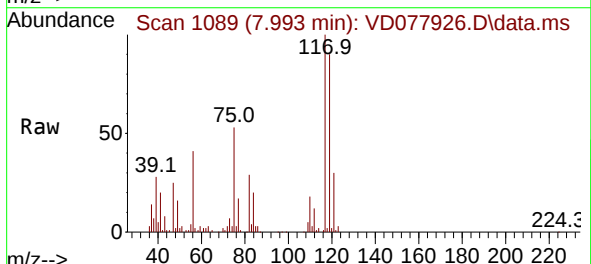
Manual Integrations
APPROVED

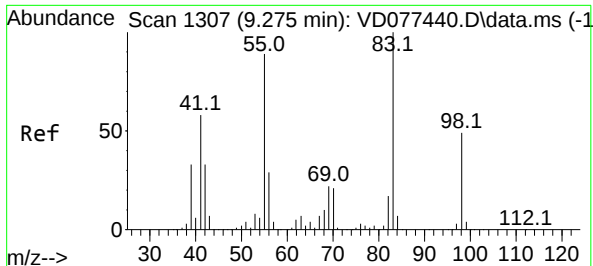
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38
Carbon Tetrachloride
Concen: 52.167 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

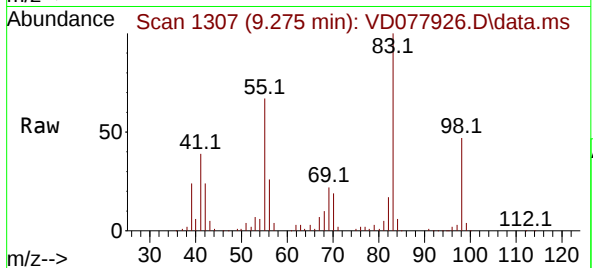
Tgt Ion:117 Resp: 115502
Ion Ratio Lower Upper
117 100
119 90.2 78.0 117.0
121 29.6 24.2 36.2





#39
Methylcyclohexane
Concen: 49.472 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

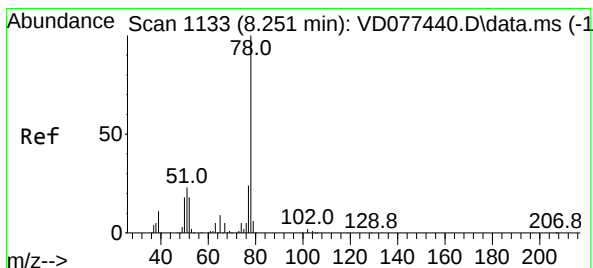
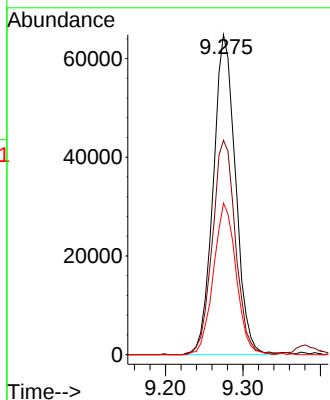
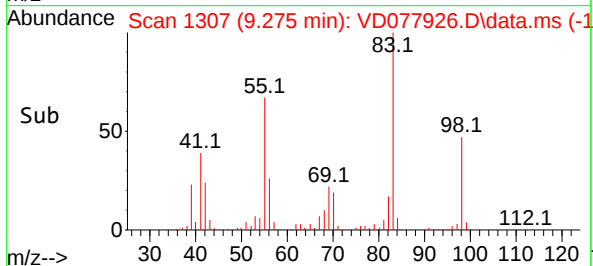
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



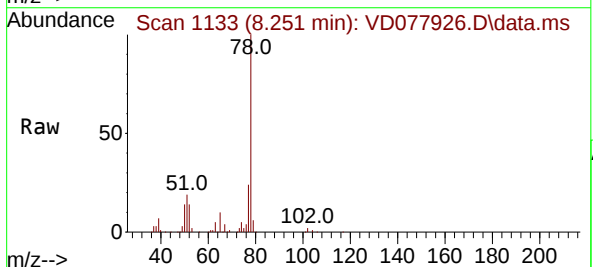
Tgt Ion: 83 Resp: 130252
Ion Ratio Lower Upper
83 100
55 67.0 49.4 74.0
98 47.3 38.4 57.6

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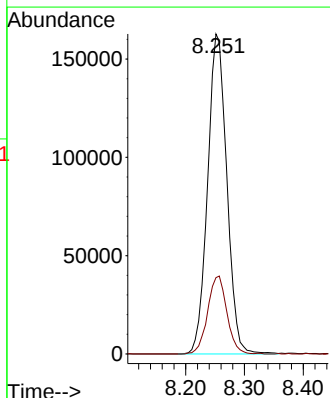
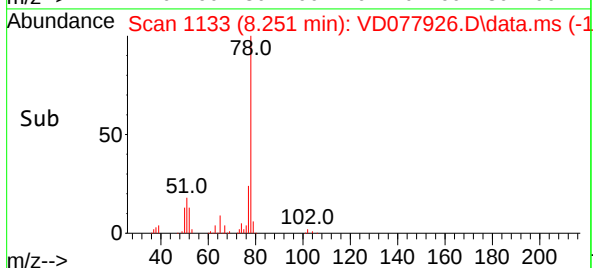
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40
Benzene
Concen: 58.553 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



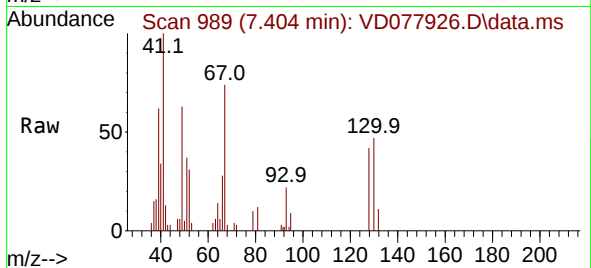
Tgt Ion: 78 Resp: 369080
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





#41
Methacrylonitrile
Concen: 61.665 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

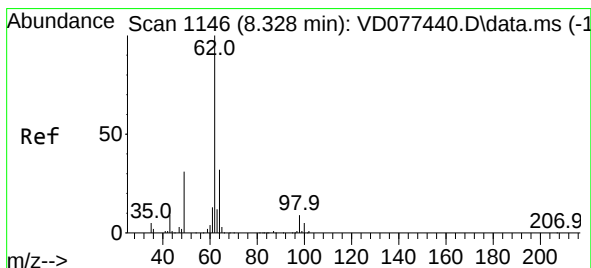
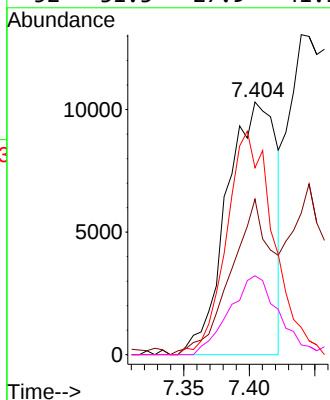
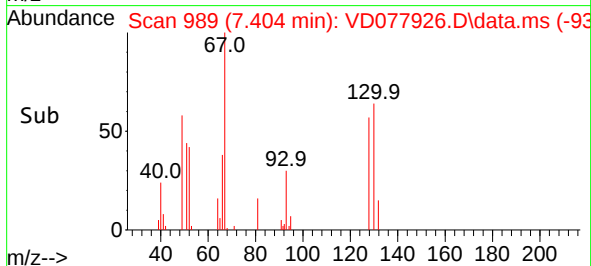
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 2714
Ion Ratio Lower Upper
41 100
39 51.0 34.0 51.0
67 83.6 77.0 115.4
52 31.3 27.9 41.9

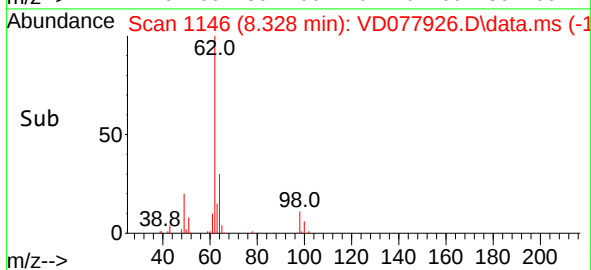
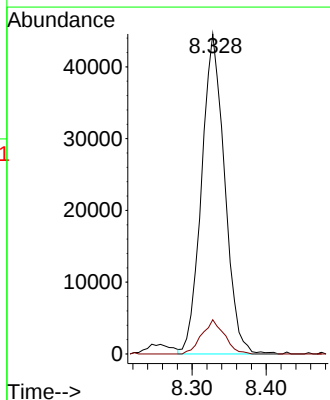
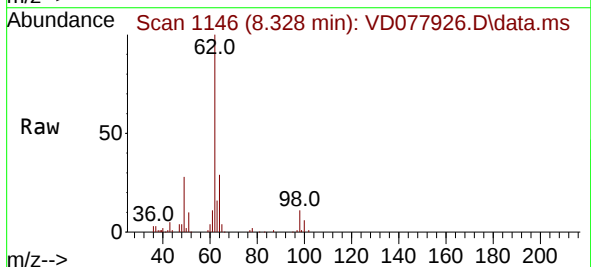
Manual Integrations
APPROVED

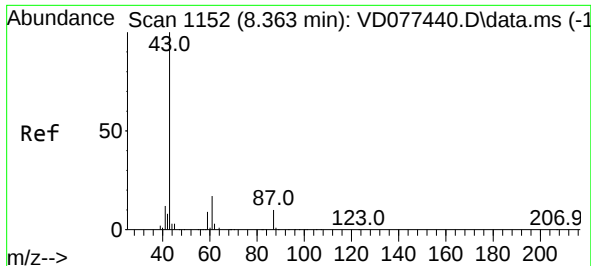
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 58.973 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

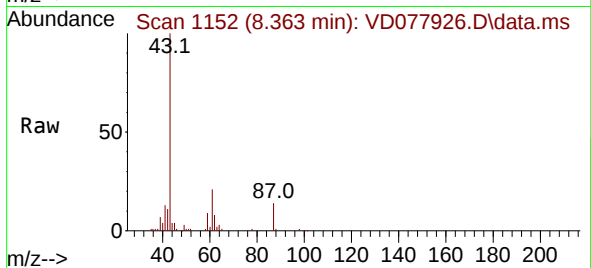
Tgt Ion: 62 Resp: 96356
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 56.206 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

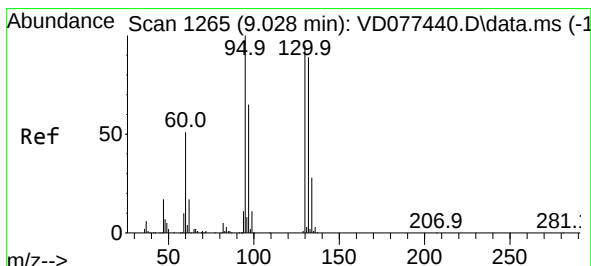
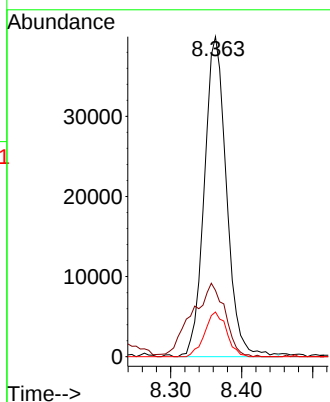
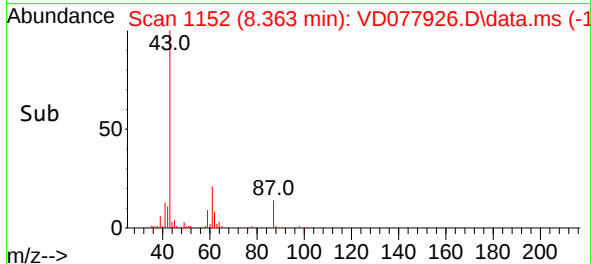
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



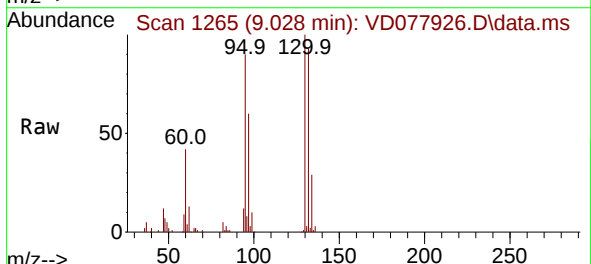
Tgt Ion: 43 Resp: 8652
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 13.8 14.9 22.3

Manual Integrations
APPROVED

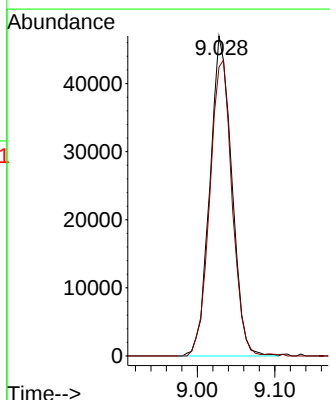
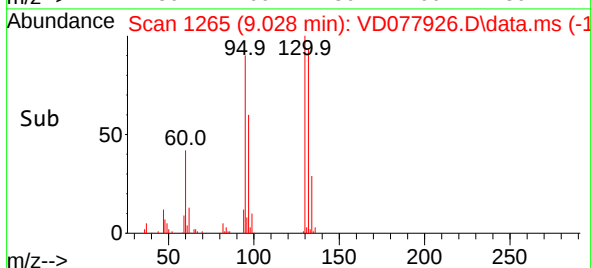
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

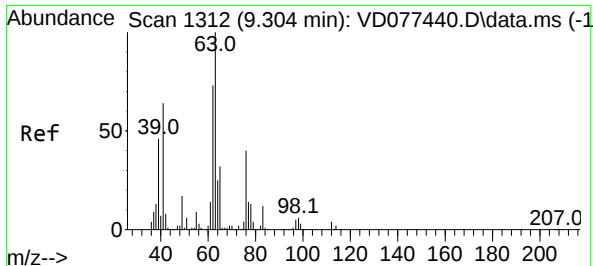


#44
Trichloroethene
Concen: 56.270 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



Tgt Ion:130 Resp: 92431
Ion Ratio Lower Upper
130 100
95 90.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 58.220 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8921

Ion Ratio Lower Upper

63 100

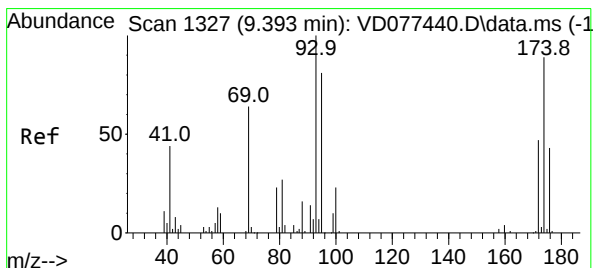
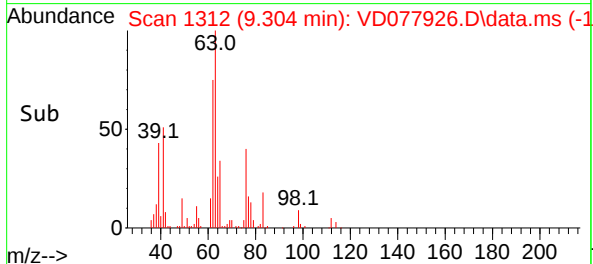
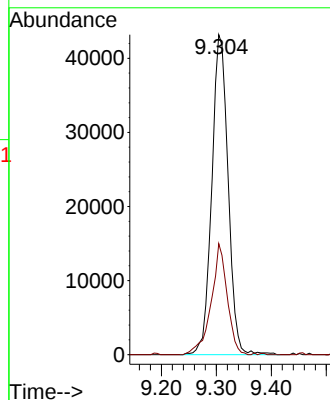
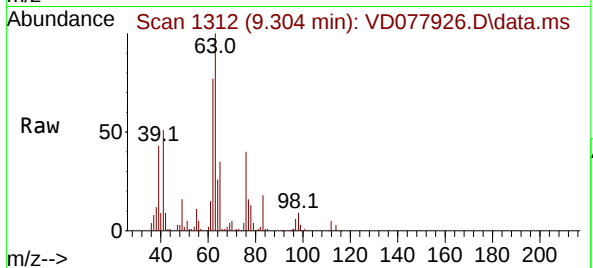
65 34.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 60.348 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

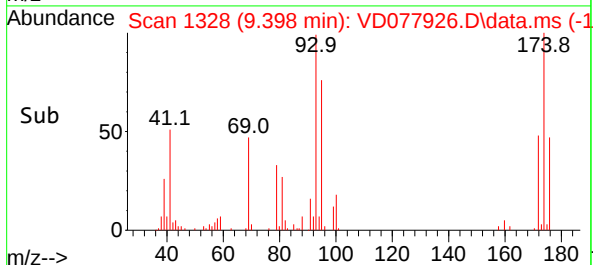
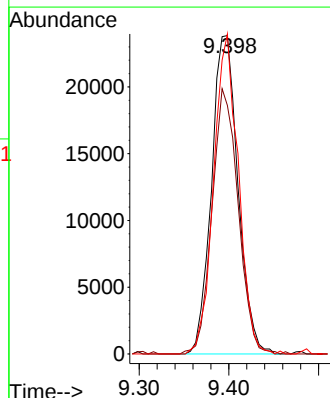
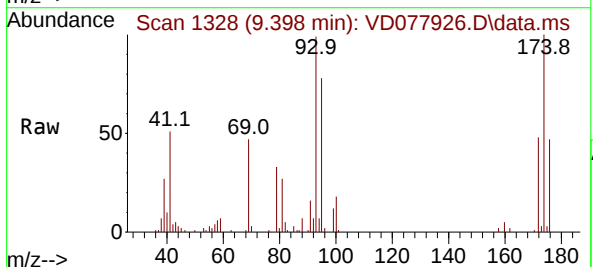
Tgt Ion: 93 Resp: 48928

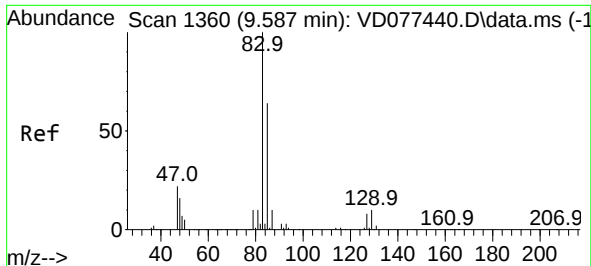
Ion Ratio Lower Upper

93 100

95 82.2 67.7 101.5

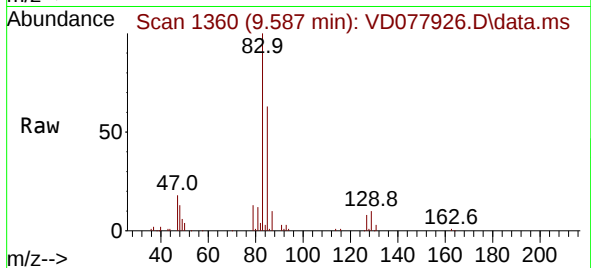
174 93.6 85.4 128.2





#47
Bromodichloromethane
Concen: 60.336 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

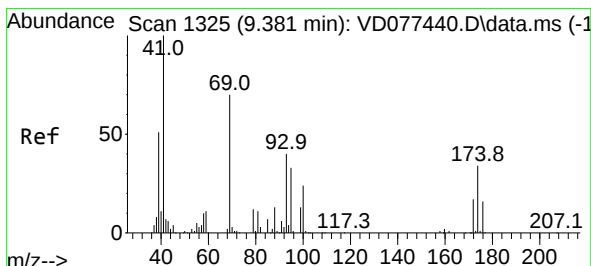
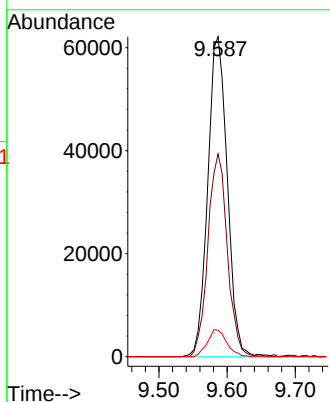
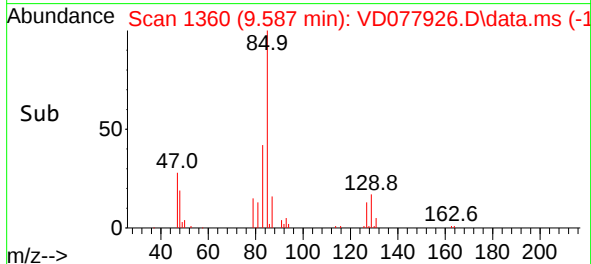
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



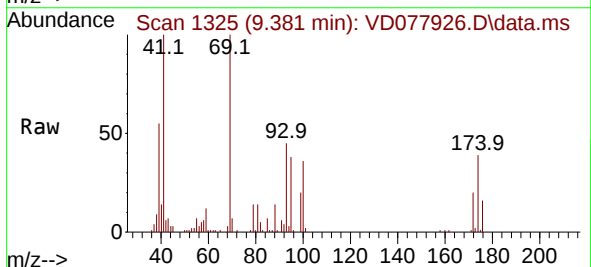
Tgt Ion: 83 Resp: 12399
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 8.2 6.3 9.5

Manual Integrations
APPROVED

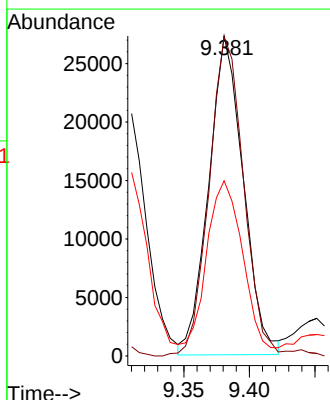
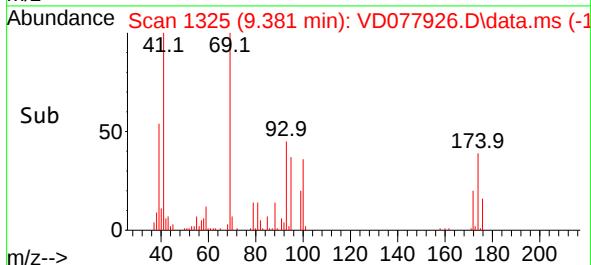
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

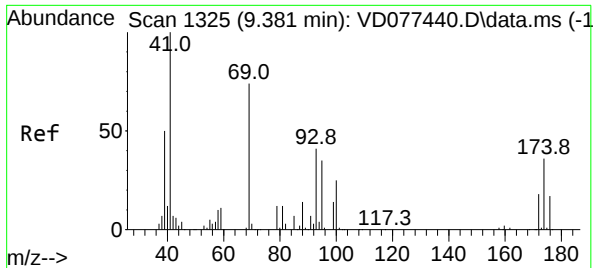


#48
Methyl methacrylate
Concen: 57.075 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



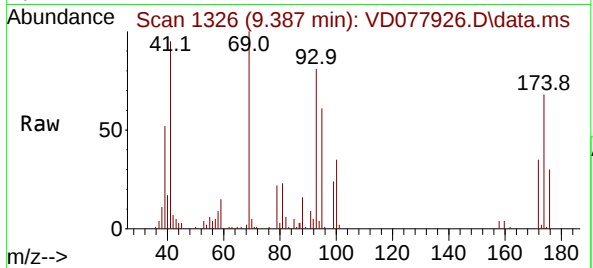
Tgt Ion: 41 Resp: 49944
Ion Ratio Lower Upper
41 100
69 100.0 102.2 153.2#
39 57.9 41.4 62.2





#49
1,4-Dioxane
Concen: 966.376 ug/l
RT: 9.387 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

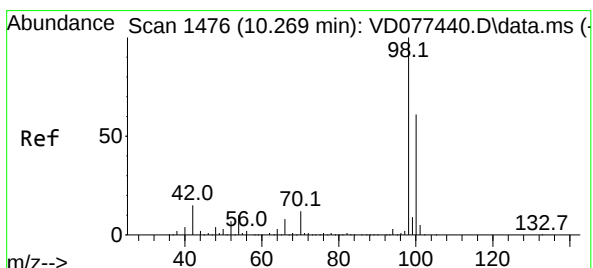
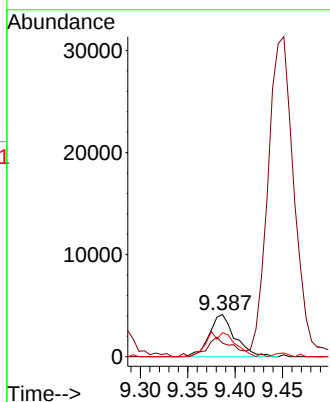
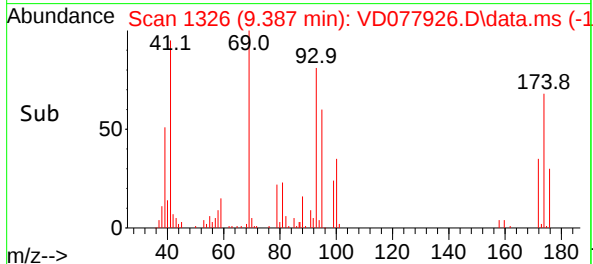
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 7780
Ion Ratio Lower Upper
88 100
43 44.8 19.0 28.6
58 63.3 43.5 65.3

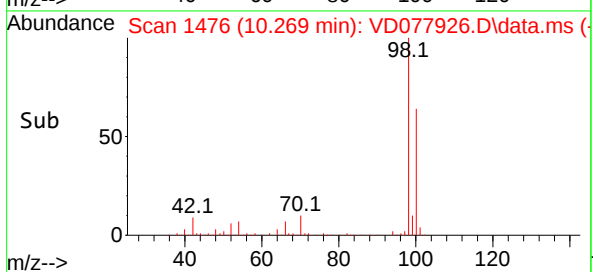
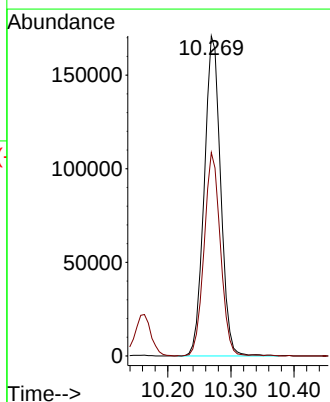
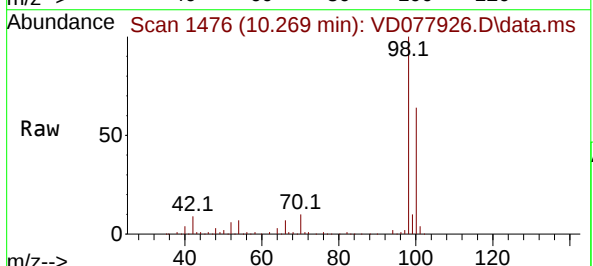
Manual Integrations
APPROVED

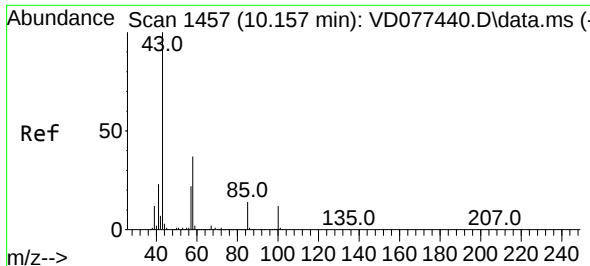
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#50
Toluene-d8
Concen: 55.402 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

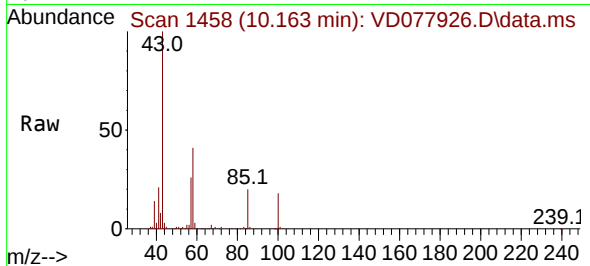
Tgt Ion: 98 Resp: 308085
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 283.480 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

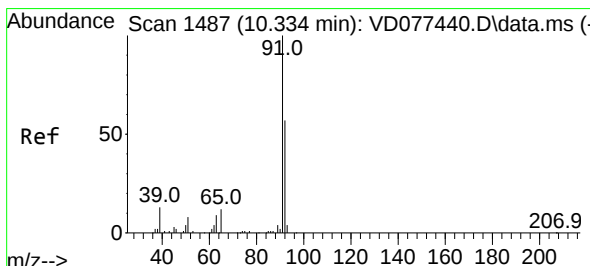
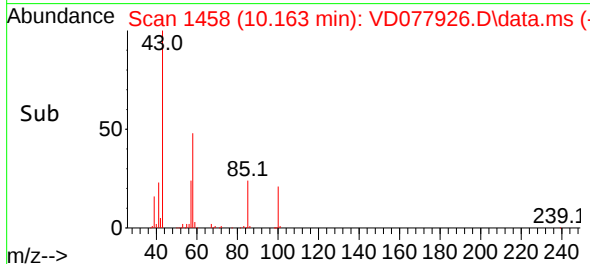
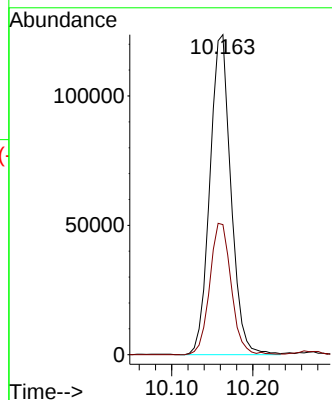
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 222712
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3

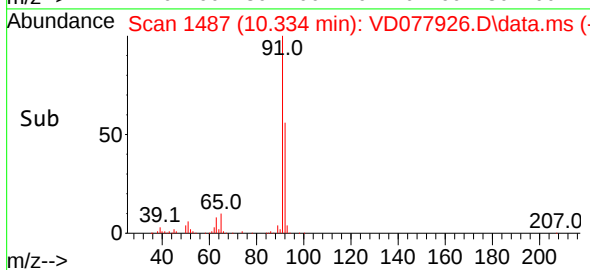
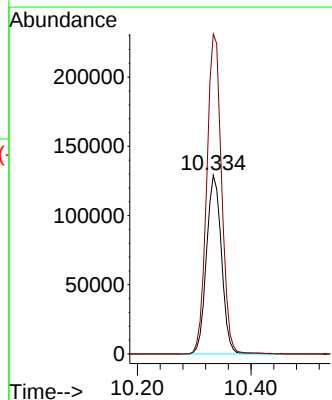
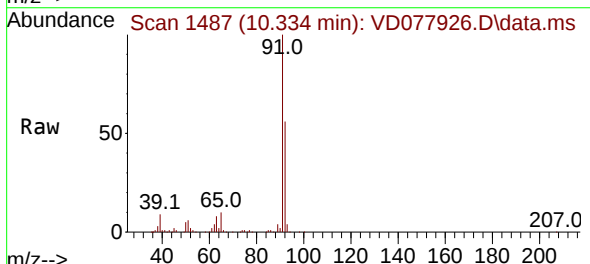
Manual Integrations
APPROVED

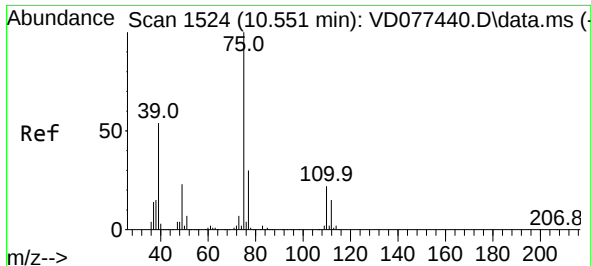
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 60.203 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

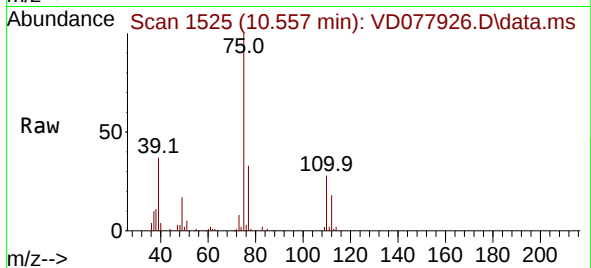
Tgt Ion: 92 Resp: 235392
Ion Ratio Lower Upper
92 100
91 177.4 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 59.691 ug/l
RT: 10.557 min Scan# 117790
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

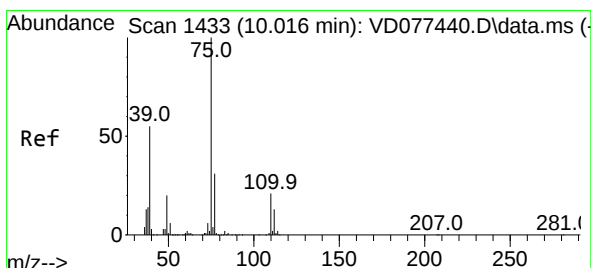
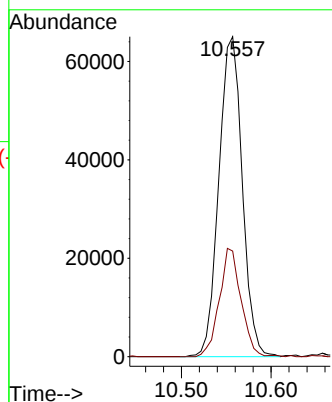
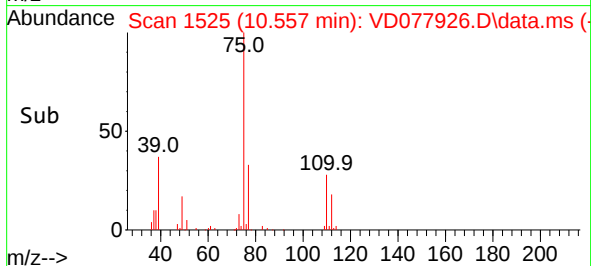
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



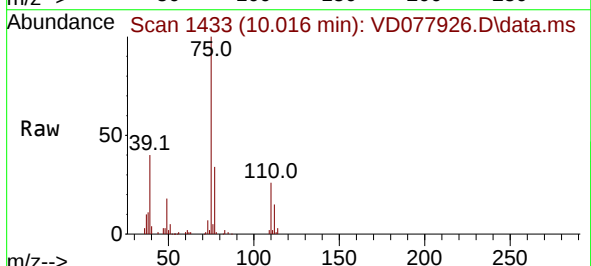
Tgt Ion: 75 Resp: 117790
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9

Manual Integrations
APPROVED

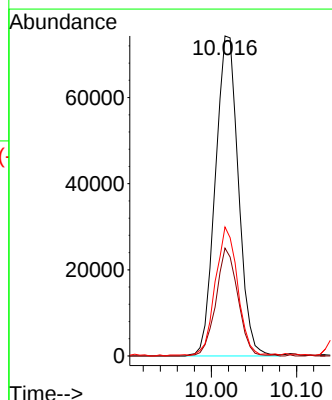
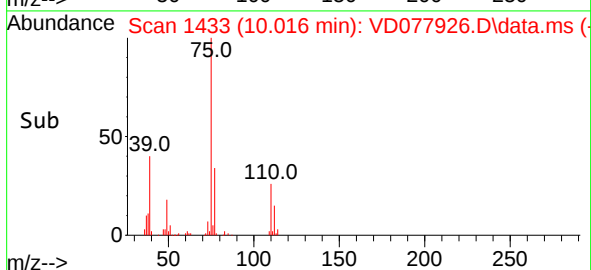
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

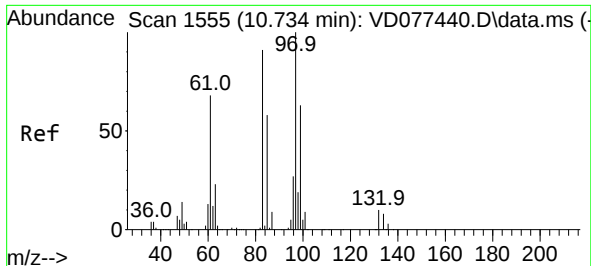


#54
cis-1,3-Dichloropropene
Concen: 58.533 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



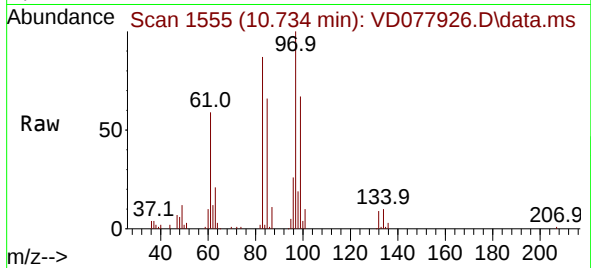
Tgt Ion: 75 Resp: 139657
Ion Ratio Lower Upper
75 100
77 33.7 25.5 38.3
39 40.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 59.723 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

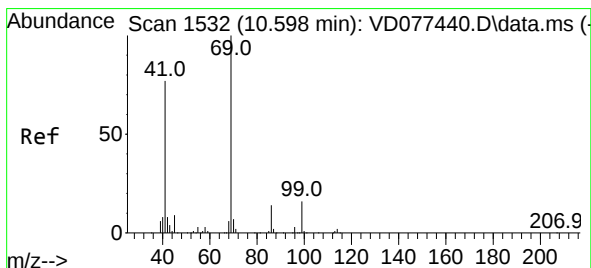
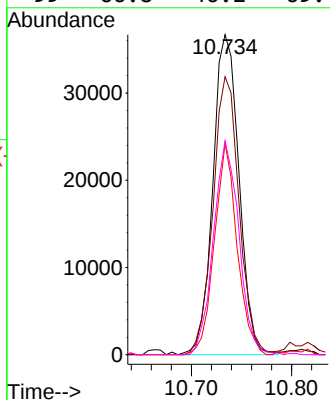
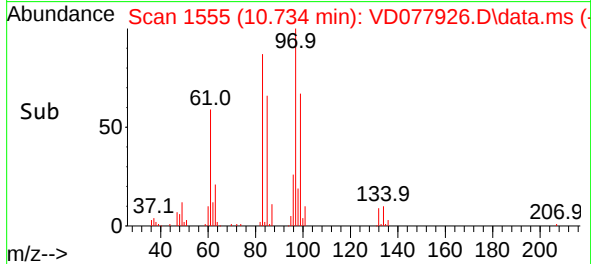
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	6623
Ion	Ratio	Lower	Upper
97	100		
83	86.9	65.8	98.6
85	66.0	45.7	68.5
99	66.8	46.2	69.4

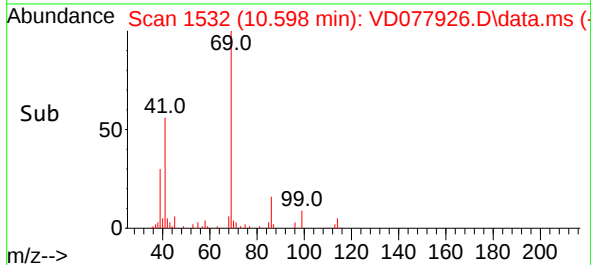
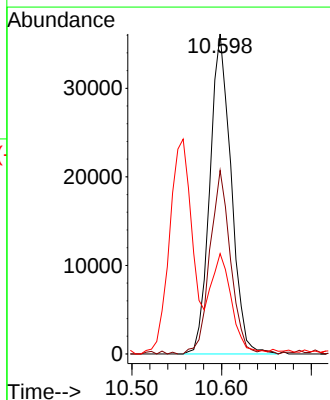
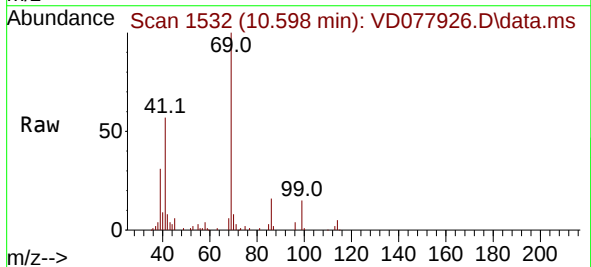
Manual Integrations
APPROVED

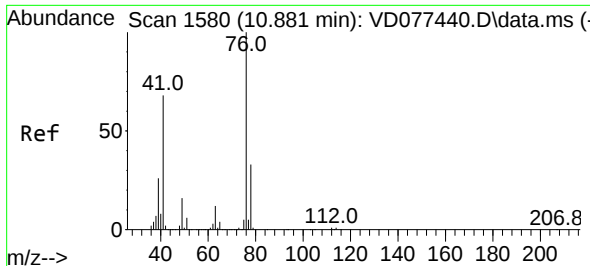
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#56
Ethyl methacrylate
Concen: 60.704 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

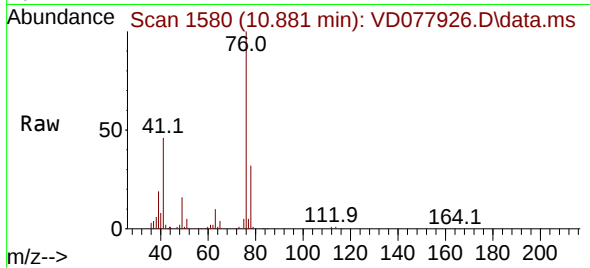
Tgt Ion:	69	Resp:	59345
Ion	Ratio	Lower	Upper
69	100		
41	55.6	39.1	58.7
39	29.4	20.0	30.0





#57
1,3-Dichloropropane
Concen: 59.580 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

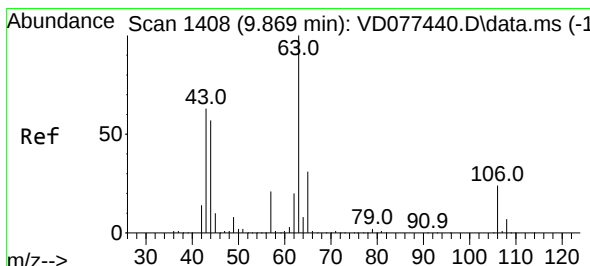
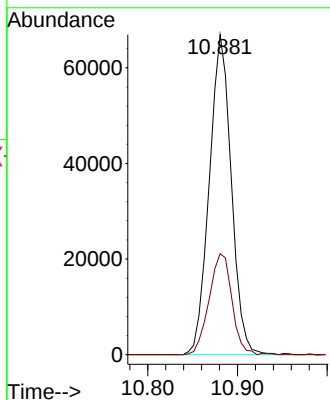
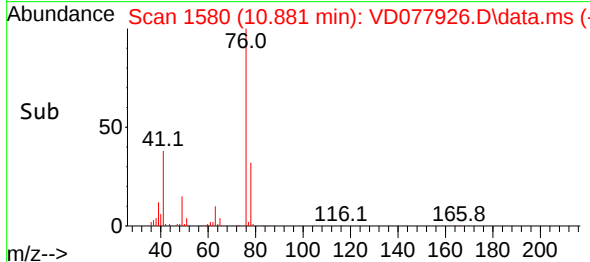
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 11389
Ion Ratio Lower Upper
76 100
78 32.8 26.4 39.6

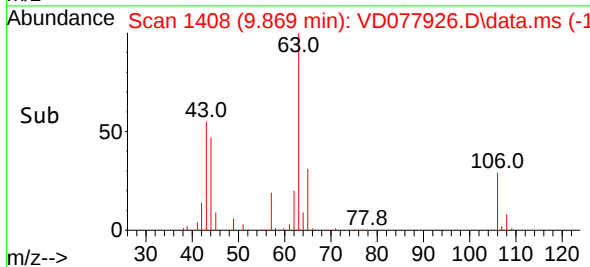
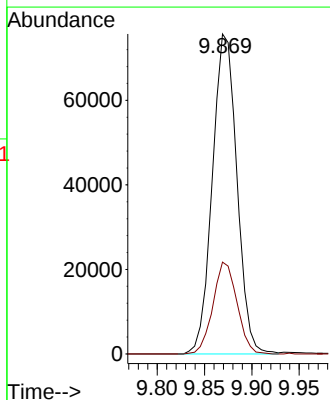
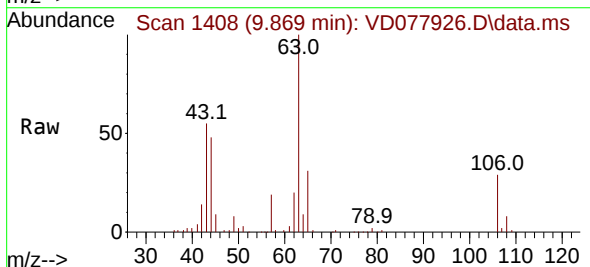
Manual Integrations
APPROVED

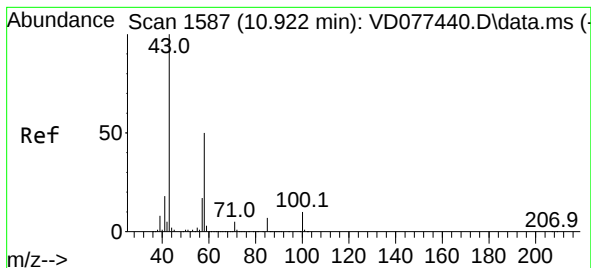
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 245.143 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

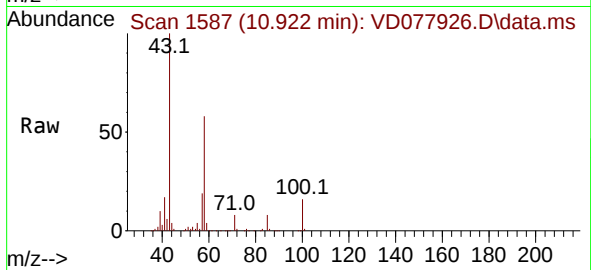
Tgt Ion: 63 Resp: 136671
Ion Ratio Lower Upper
63 100
106 28.1 25.3 37.9





#59
2-Hexanone
Concen: 237.870 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

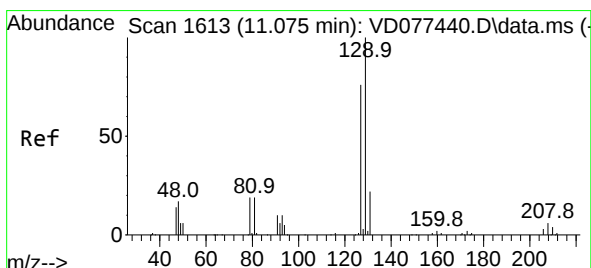
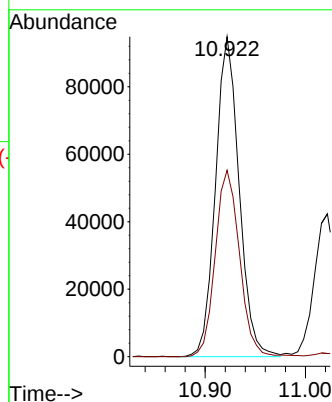
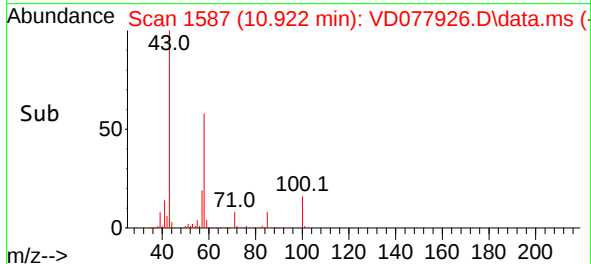
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15504
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2

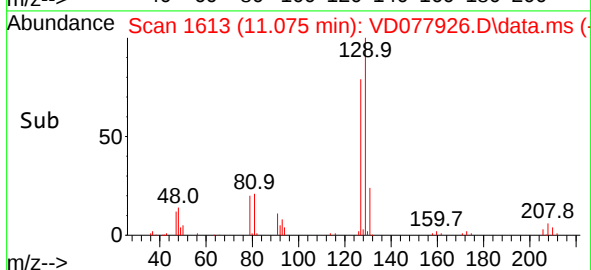
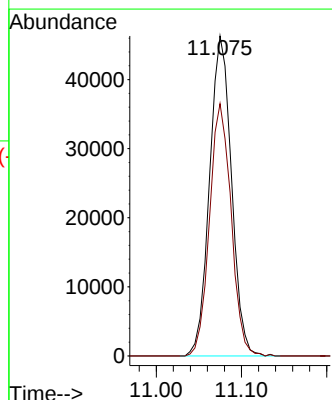
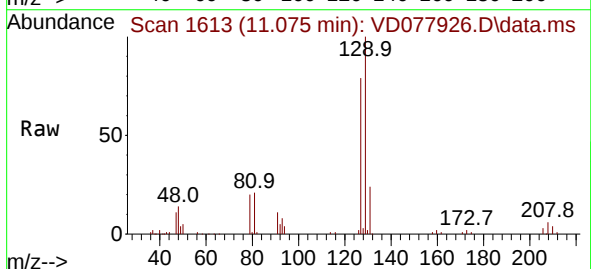
Manual Integrations
APPROVED

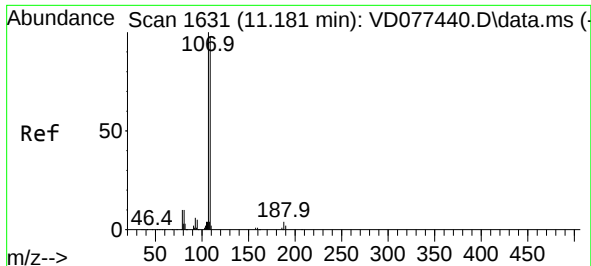
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 61.958 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

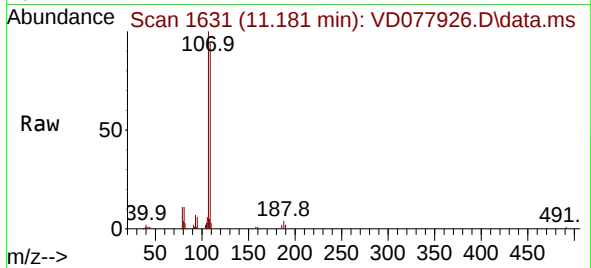
Tgt Ion:129 Resp: 82728
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 60.065 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

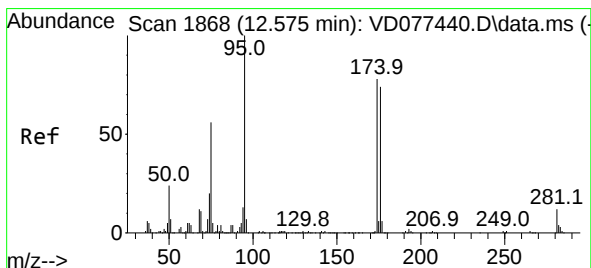
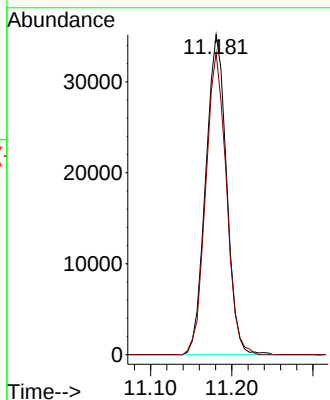
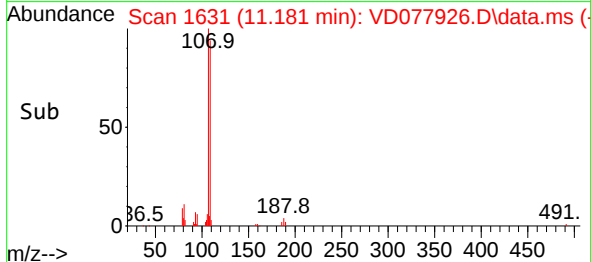
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



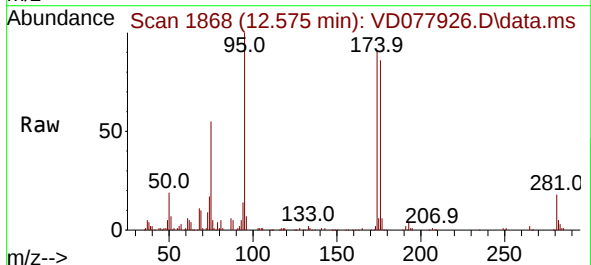
Tgt Ion:107 Resp: 62704
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

Manual Integrations
APPROVED

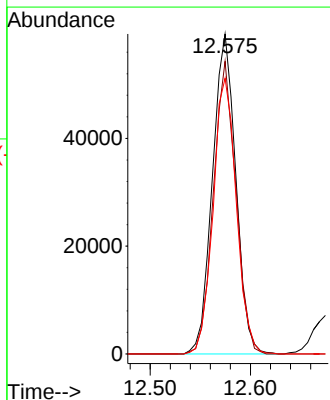
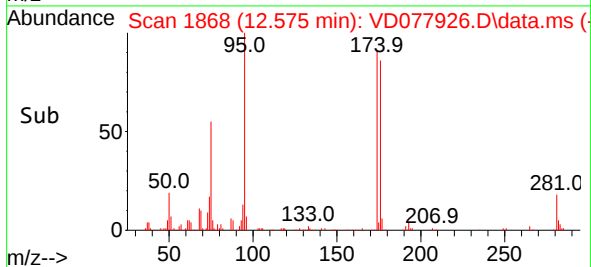
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

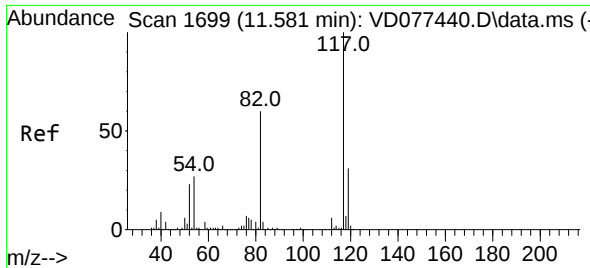


#62
4-Bromofluorobenzene
Concen: 57.514 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



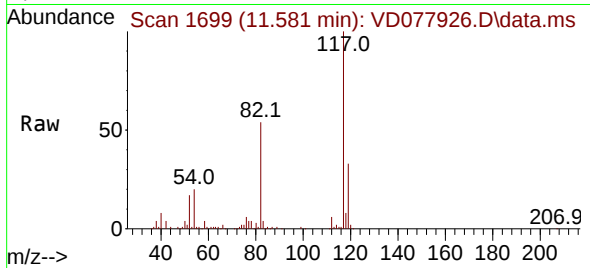
Tgt Ion: 95 Resp: 95621
Ion Ratio Lower Upper
95 100
174 88.4 0.0 201.8
176 86.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

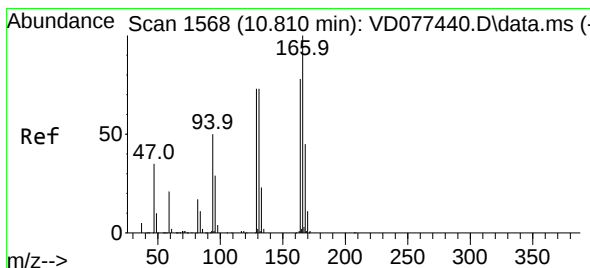
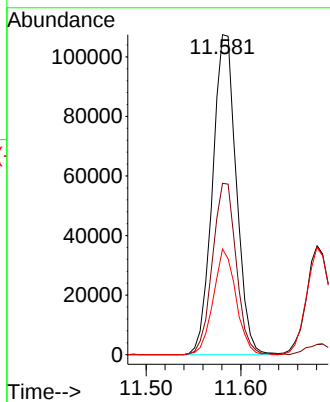
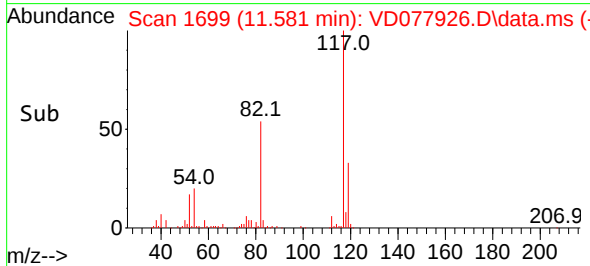
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



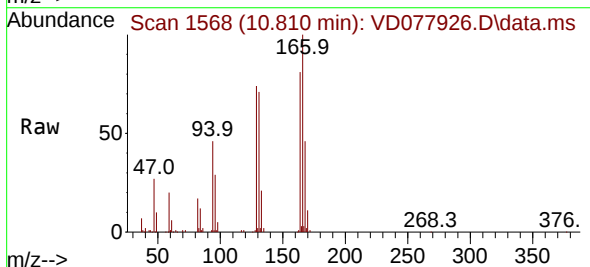
Tgt Ion:117 Resp: 187549
Ion Ratio Lower Upper
117 100
82 53.6 38.3 57.5
119 33.1 25.0 37.4

Manual Integrations
APPROVED

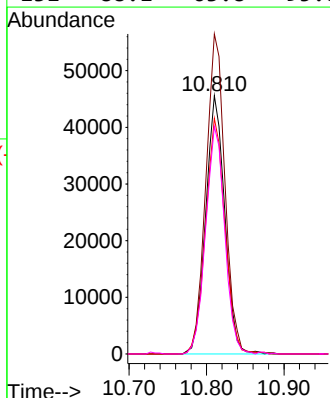
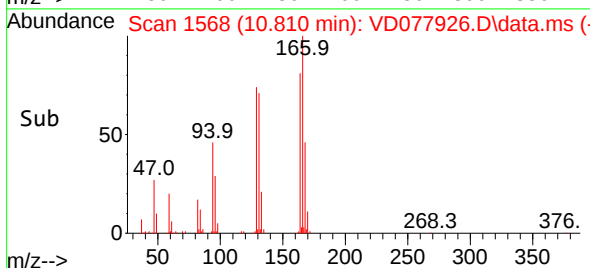
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

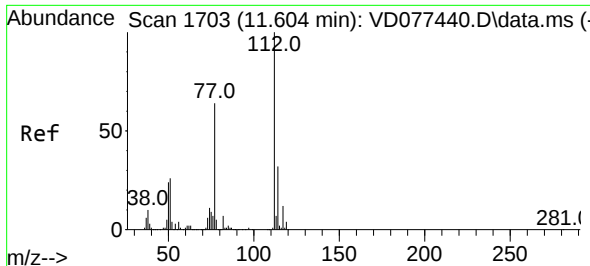


#64
Tetrachloroethene
Concen: 56.560 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



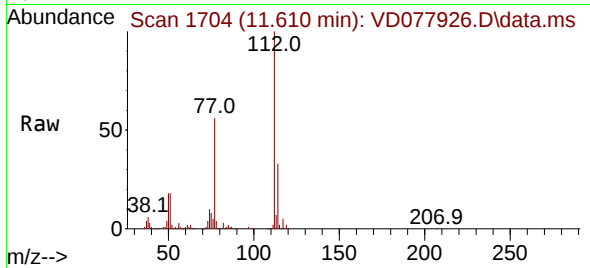
Tgt Ion:164 Resp: 77964
Ion Ratio Lower Upper
164 100
166 123.9 99.2 148.8
129 91.3 68.4 102.6
131 88.1 63.8 95.8





#65
Chlorobenzene
Concen: 56.112 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

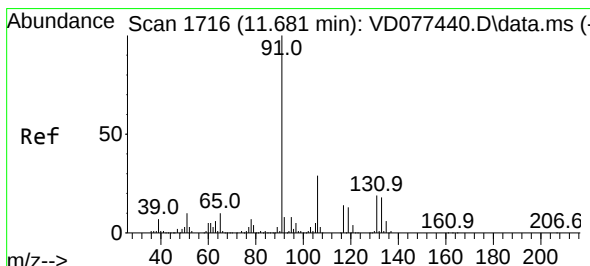
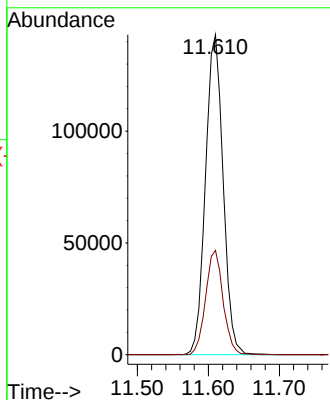
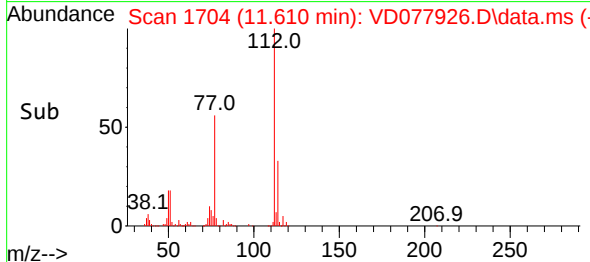
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



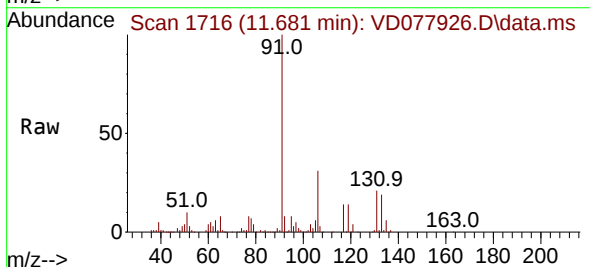
Tgt Ion:112 Resp: 247068
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7

Manual Integrations
APPROVED

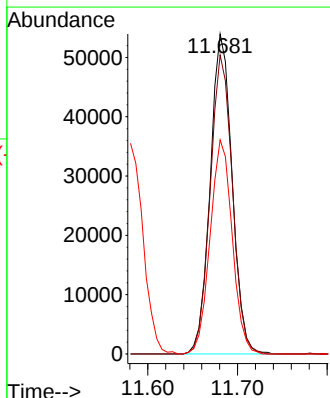
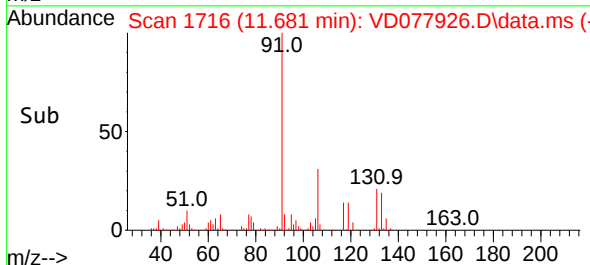
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

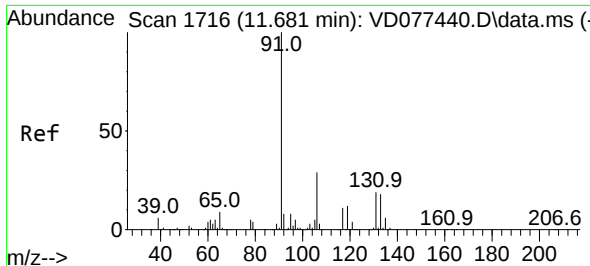


#66
1,1,1,2-Tetrachloroethane
Concen: 58.530 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



Tgt Ion:131 Resp: 91281
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 67.6 35.6 106.9





#67

Ethyl Benzene

Concen: 58.237 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.005 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 454718

Ion Ratio Lower Upper

91 100

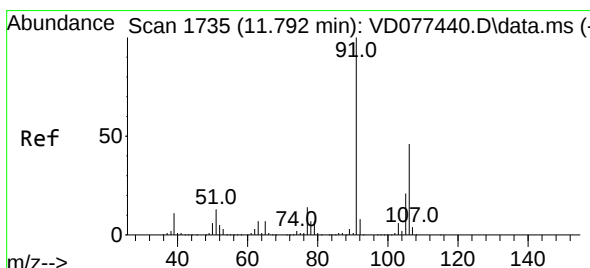
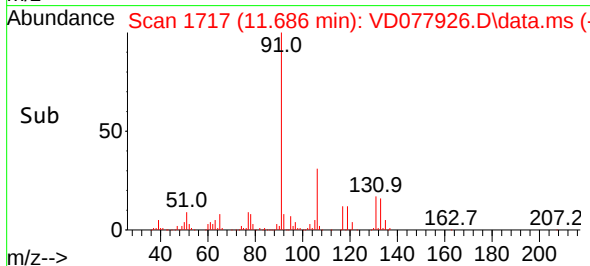
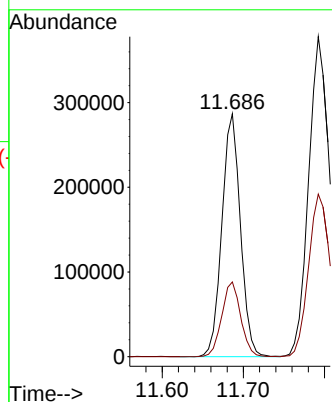
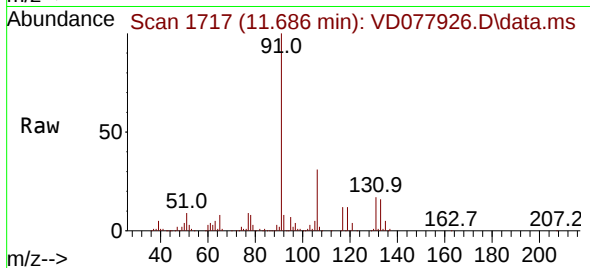
106 30.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#68

m/p-Xylenes

Concen: 118.994 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077926.D

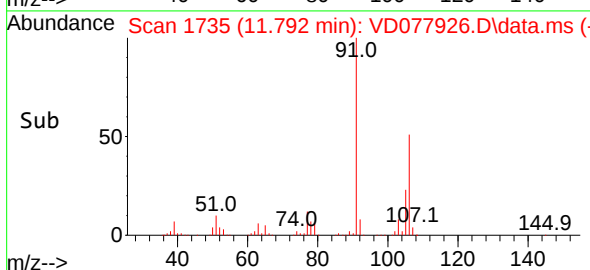
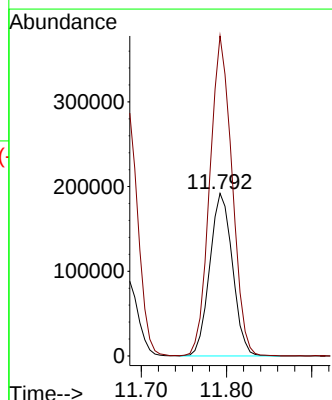
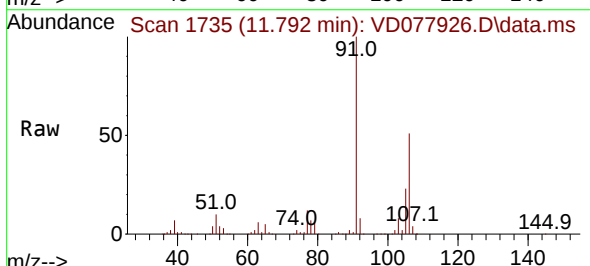
Acq: 16 Dec 2023 03:38

Tgt Ion:106 Resp: 355390

Ion Ratio Lower Upper

106 100

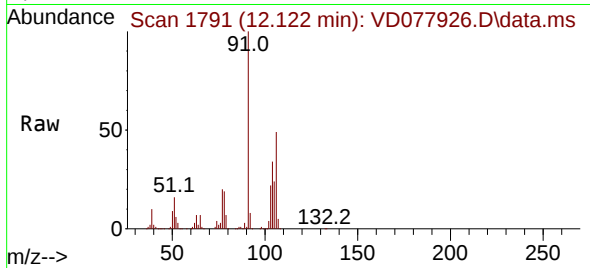
91 193.0 147.0 220.6





#69
o-Xylene
Concen: 59.790 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

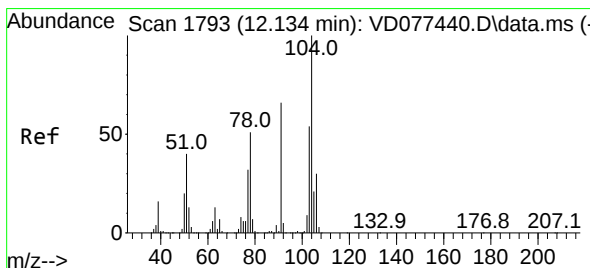
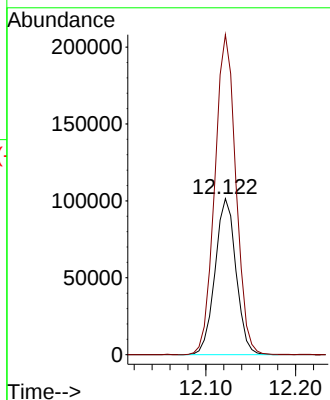
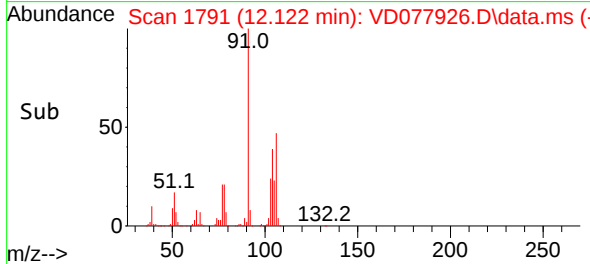
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 164574
Ion Ratio Lower Upper
106 100
91 206.6 97.9 293.6

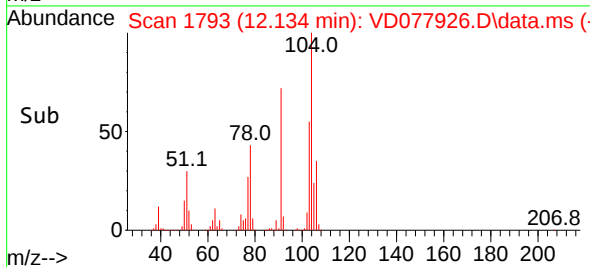
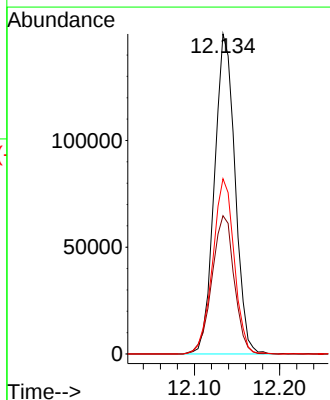
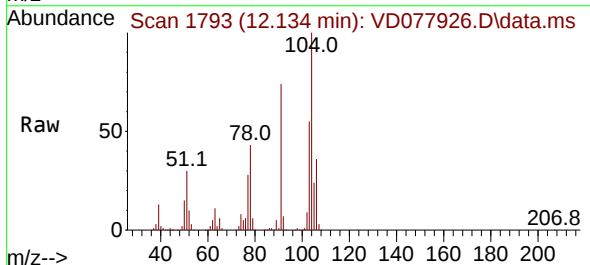
Manual Integrations
APPROVED

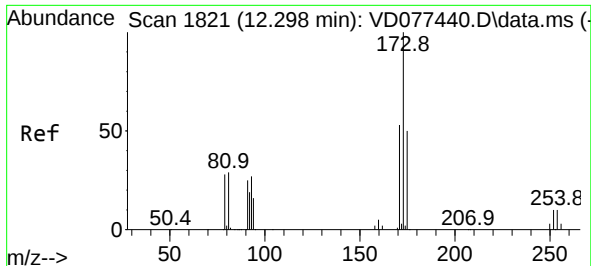
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Styrene
Concen: 61.459 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

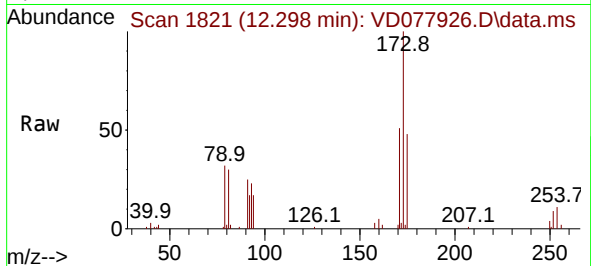
Tgt Ion:104 Resp: 251544
Ion Ratio Lower Upper
104 100
78 46.8 33.2 49.8
103 57.2 43.6 65.4





#71
Bromoform
Concen: 59.506 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

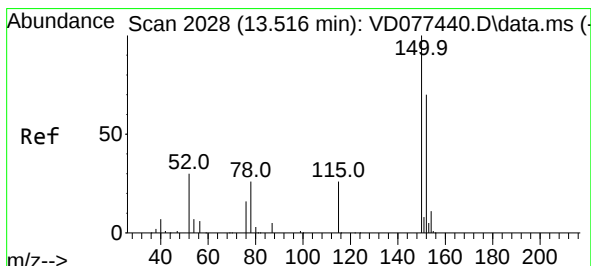
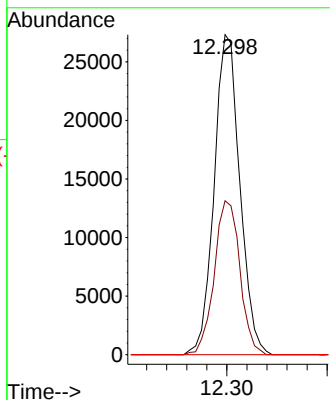
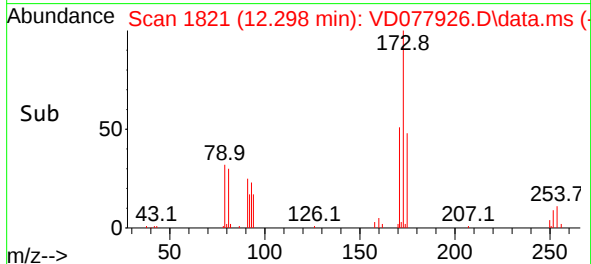
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 48490
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.0 0.0

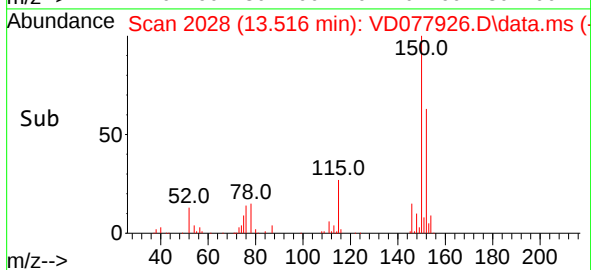
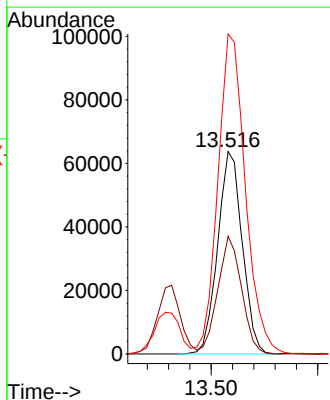
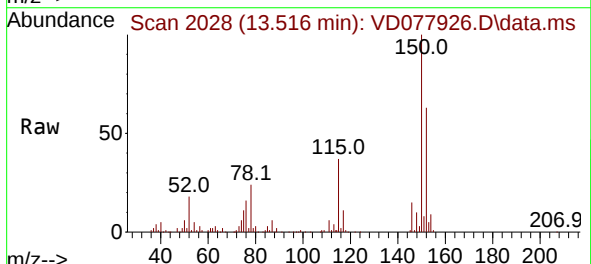
Manual Integrations
APPROVED

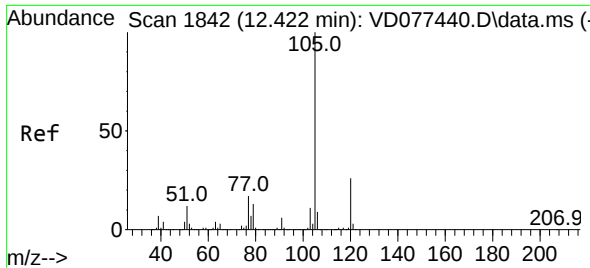
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

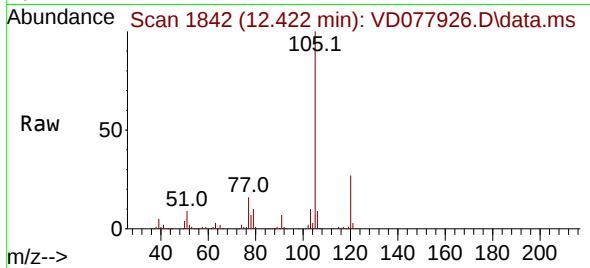
Tgt Ion:152 Resp: 101943
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 177.4 0.0 353.6





#73
Isopropylbenzene
Concen: 55.526 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

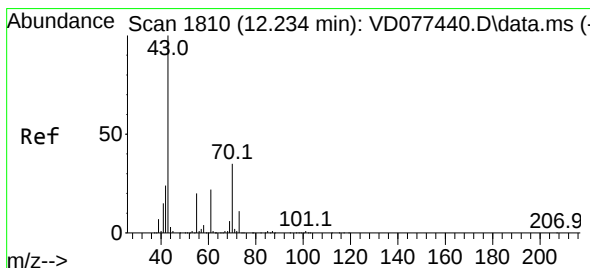
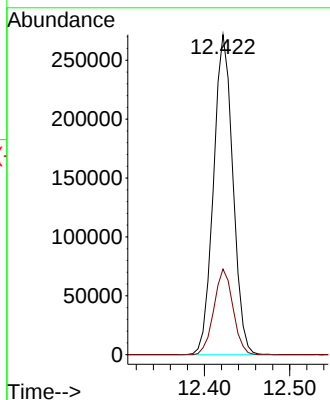
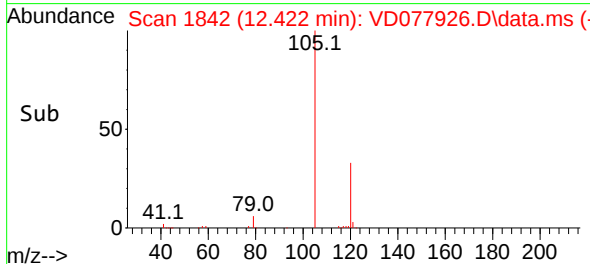
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 42901
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9

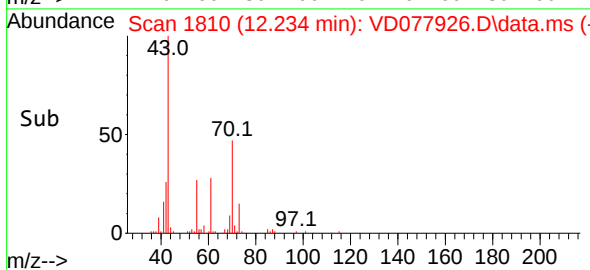
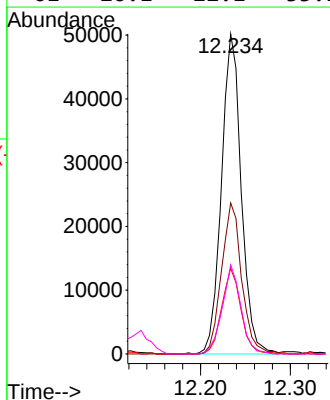
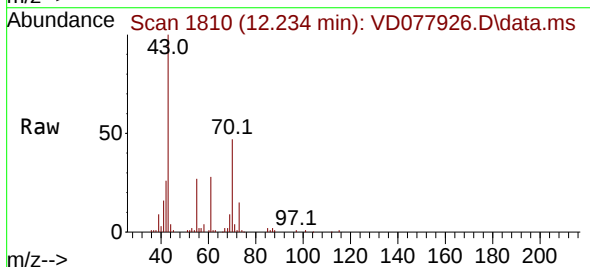
Manual Integrations
APPROVED

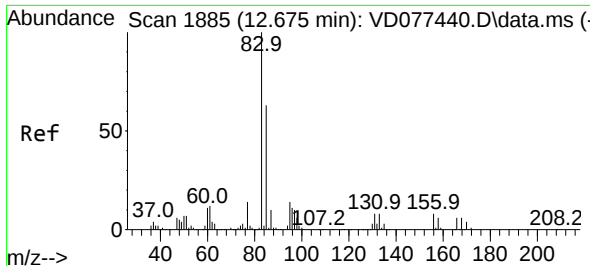
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#74
N-ethyl acetate
Concen: 50.657 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

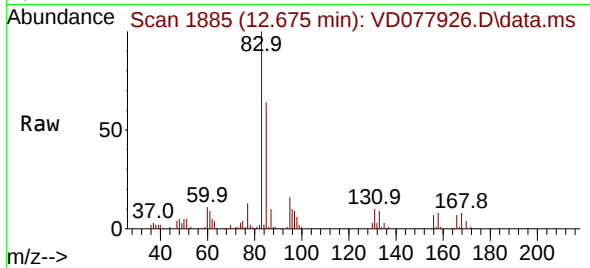
Tgt Ion: 43 Resp: 76937
Ion Ratio Lower Upper
43 100
70 48.1 45.0 67.4
55 25.9 23.8 35.6
61 26.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 57.201 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

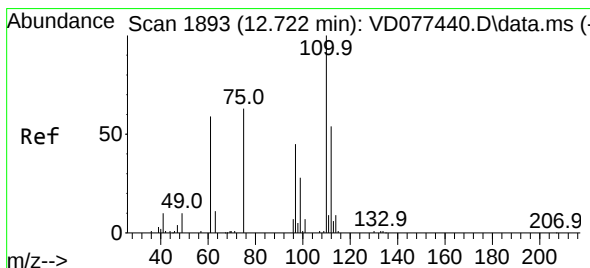
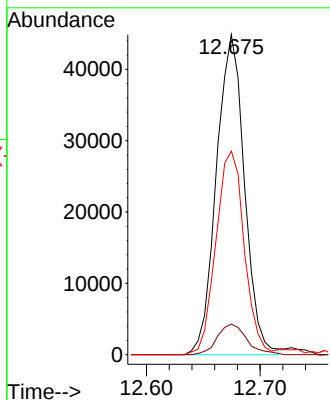
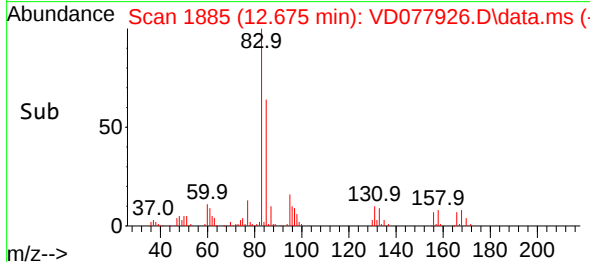
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



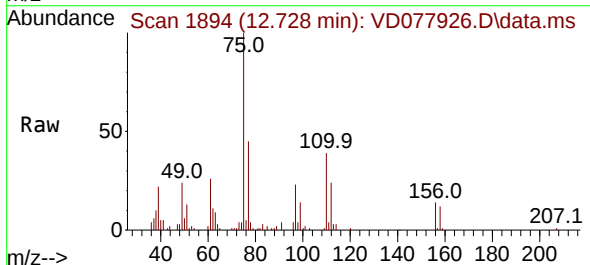
Tgt Ion: 83 Resp: 7706
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.6 32.6 97.8

Manual Integrations
APPROVED

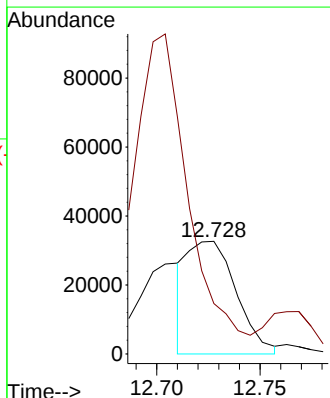
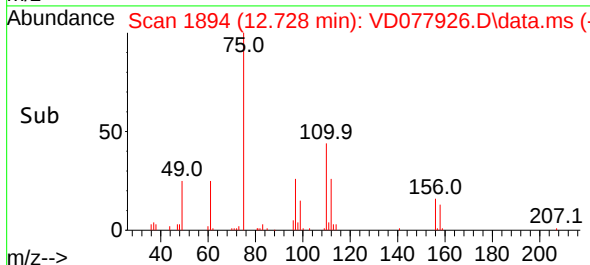
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

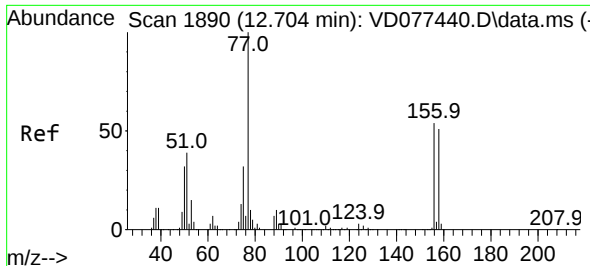


#76
1,2,3-Trichloropropane
Concen: 60.819 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



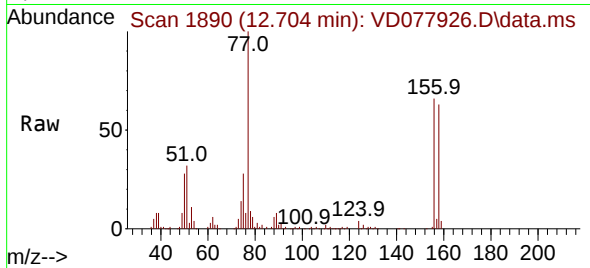
Tgt Ion: 75 Resp: 53848
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 56.416 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

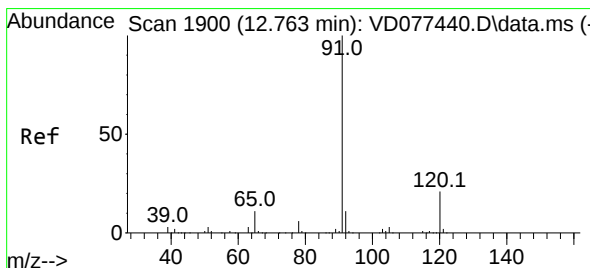
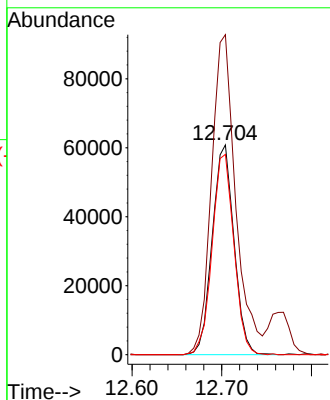
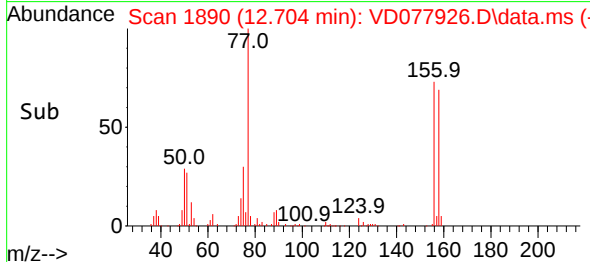
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 102528
Ion Ratio Lower Upper
156 100
77 169.2 76.8 230.4
158 95.4 48.6 145.9

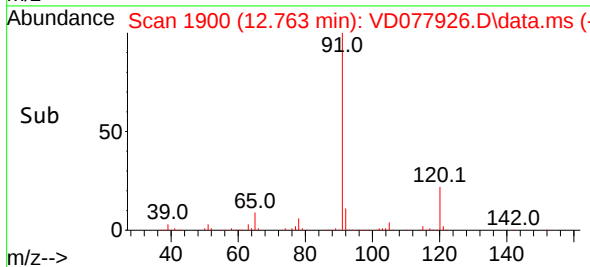
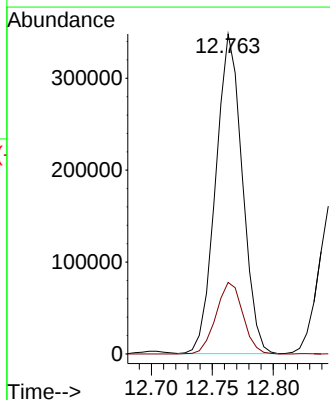
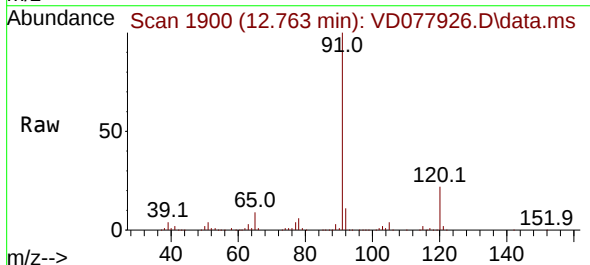
Manual Integrations
APPROVED

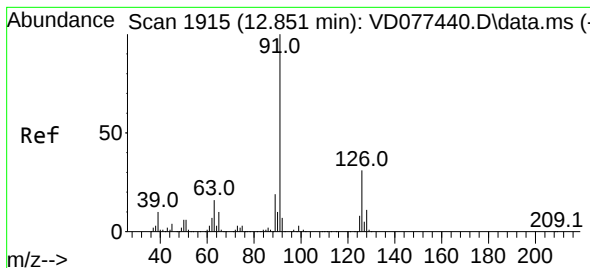
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78
n-propylbenzene
Concen: 56.209 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 91 Resp: 529199
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2





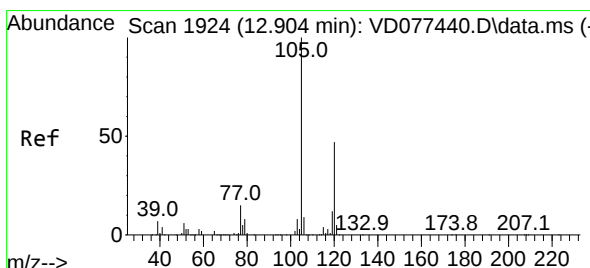
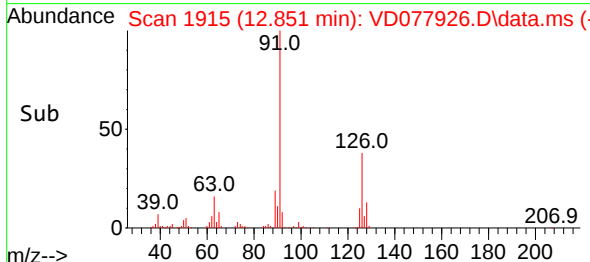
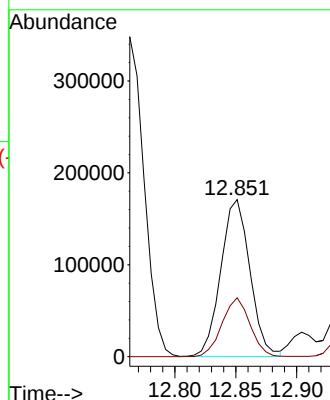
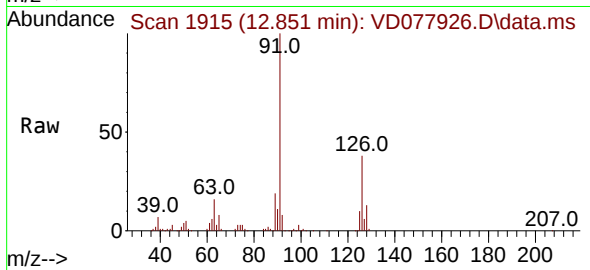
#79
2-Chlorotoluene
Concen: 56.470 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 284919
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1

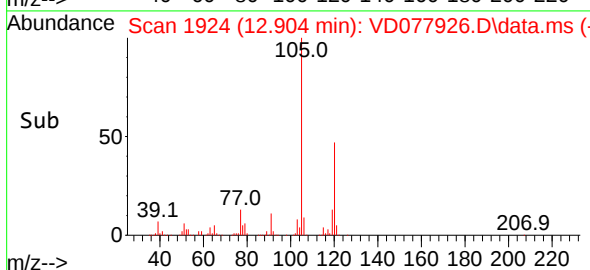
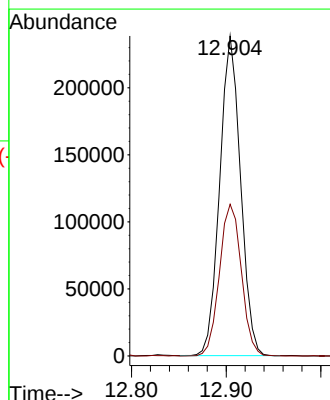
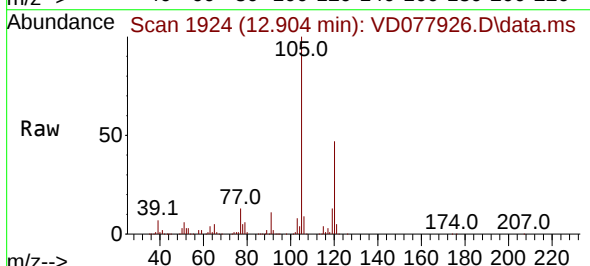
Manual Integrations
APPROVED

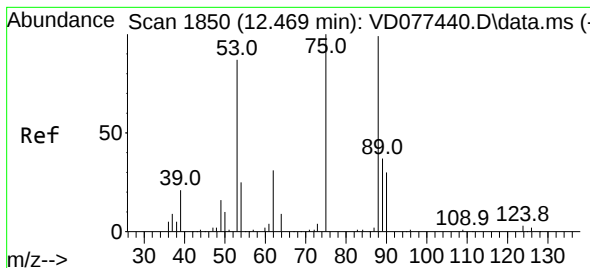
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.562 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

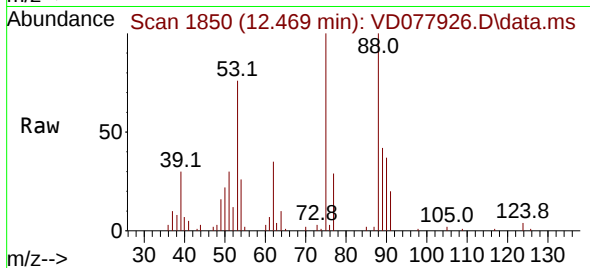
Tgt Ion:105 Resp: 364491
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.747 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

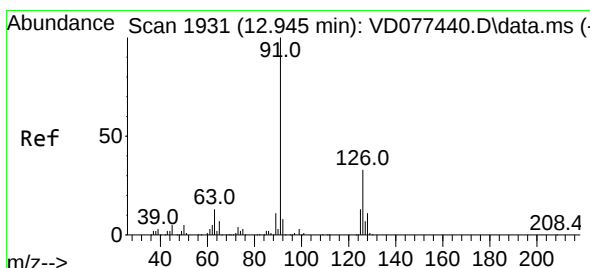
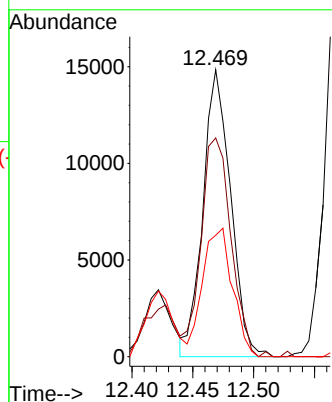
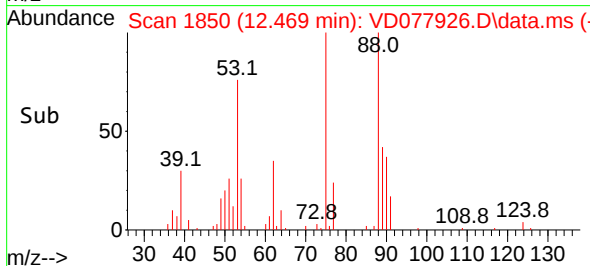
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



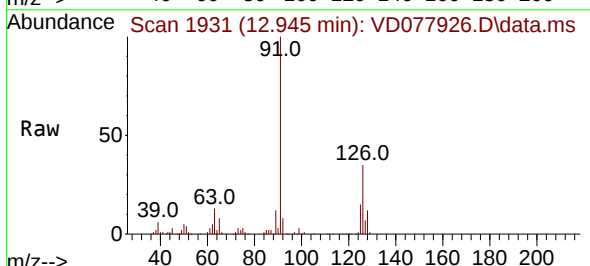
Tgt Ion: 75 Resp: 2348
Ion Ratio Lower Upper
75 100
53 82.9 63.0 94.4
89 48.4 37.9 56.9

Manual Integrations
APPROVED

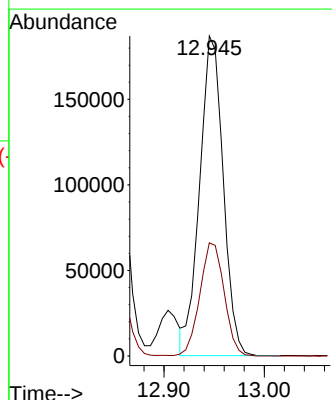
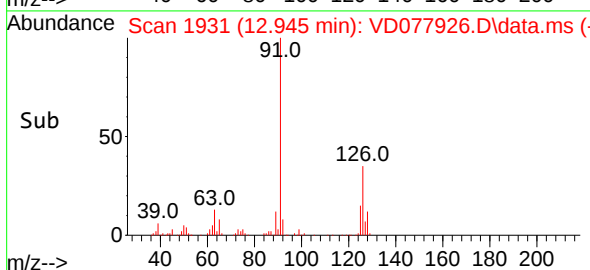
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

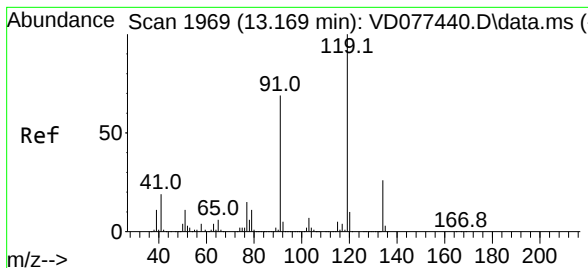


#82
4-Chlorotoluene
Concen: 57.878 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



Tgt Ion: 91 Resp: 305290
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4





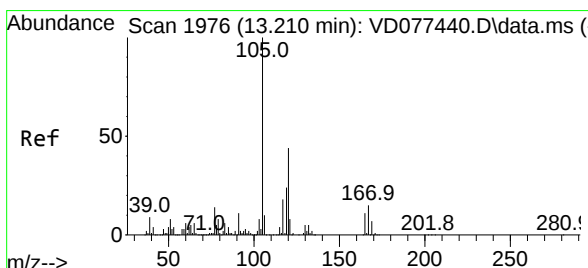
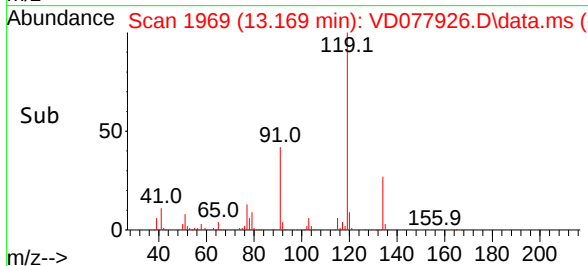
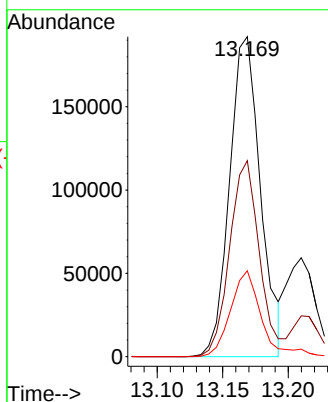
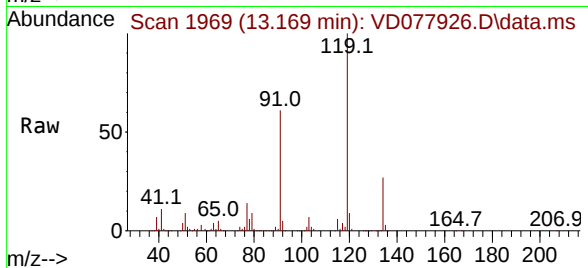
#83
tert-Butylbenzene
Concen: 58.031 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 315708
Ion Ratio Lower Upper
119 100
91 58.4 29.3 87.8
134 26.8 14.1 42.3

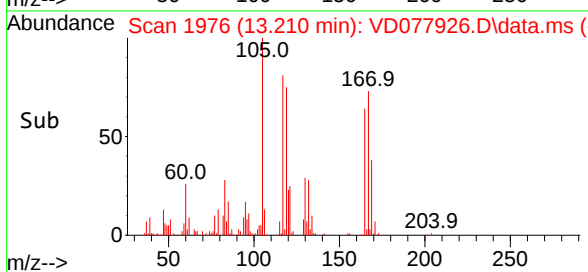
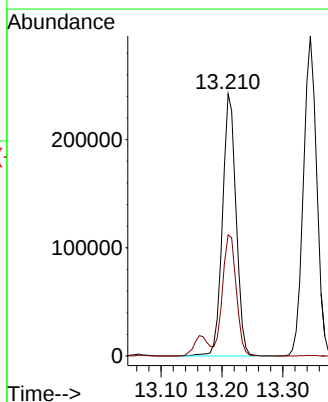
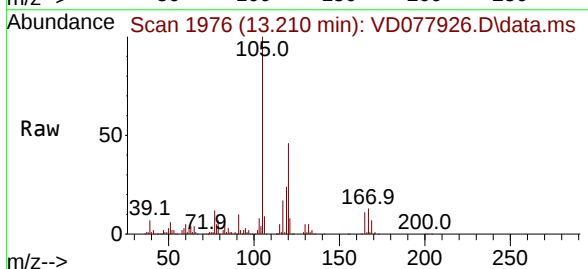
Manual Integrations
APPROVED

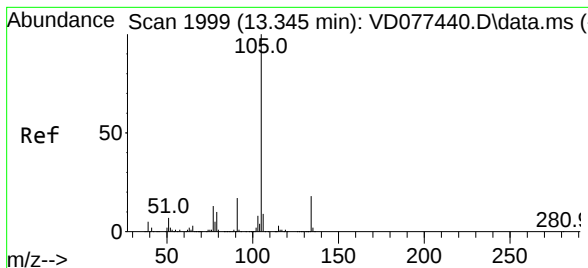
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 58.264 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

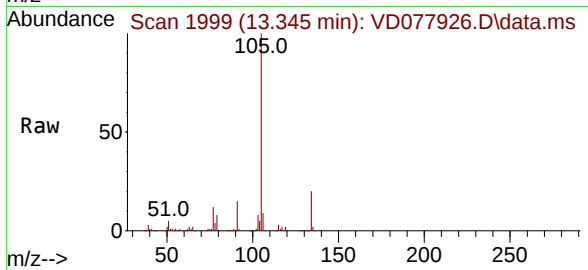
Tgt Ion:105 Resp: 375529
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 55.660 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

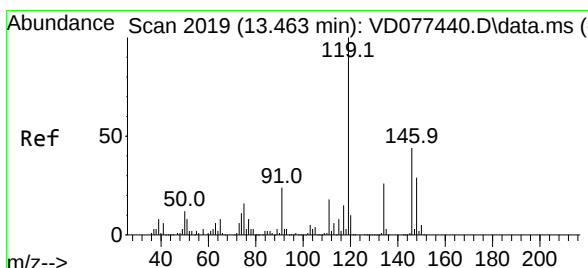
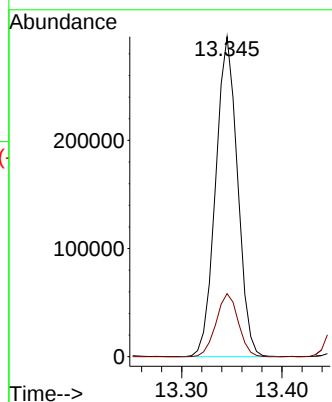
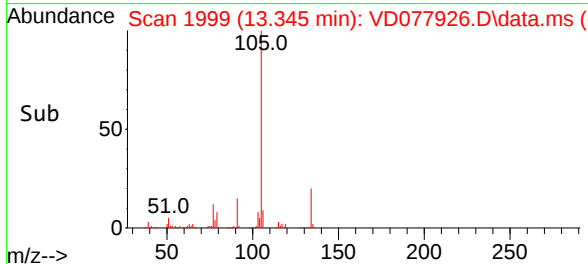
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



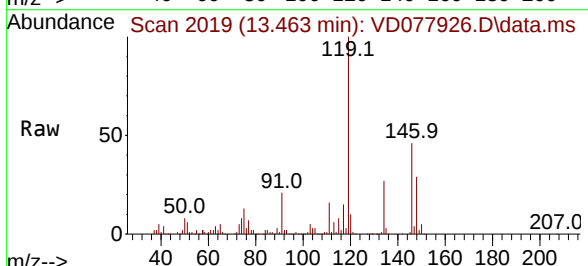
Tgt Ion:105 Resp: 447592
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9

Manual Integrations
 APPROVED

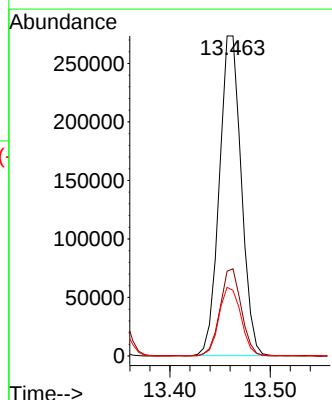
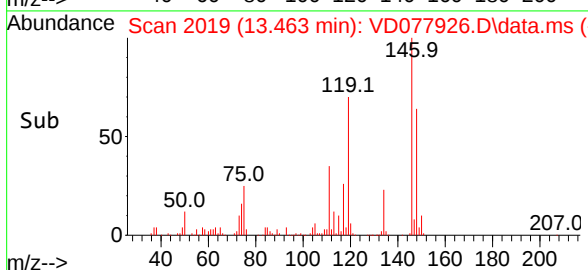
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

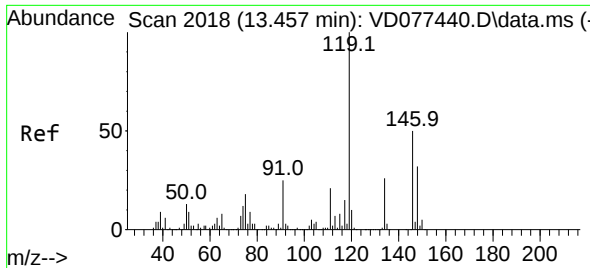


#86
 p-Isopropyltoluene
 Concen: 57.641 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38



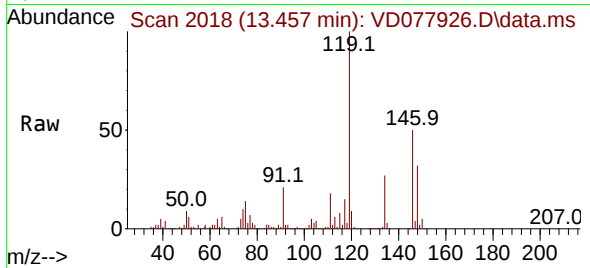
Tgt Ion:119 Resp: 415008
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.7 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 58.006 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

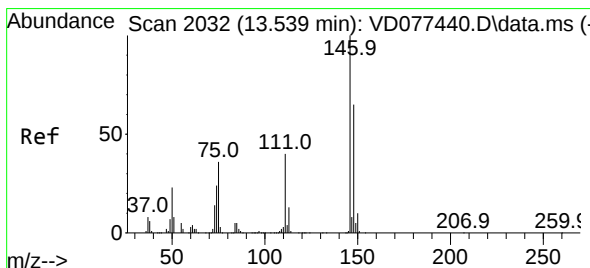
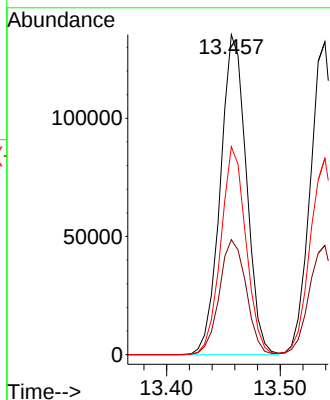
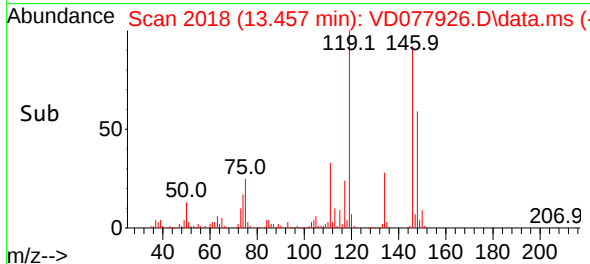
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



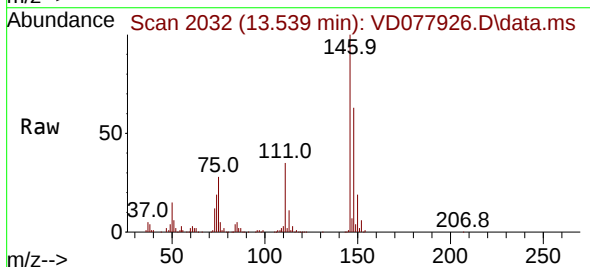
Tgt Ion:146 Resp: 215570
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.8
148 62.9 32.3 96.8

Manual Integrations
APPROVED

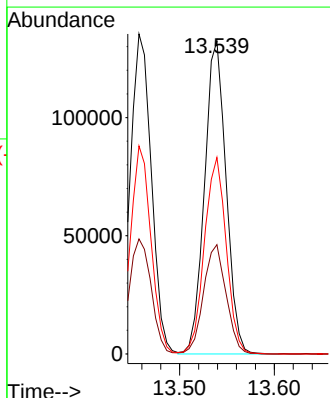
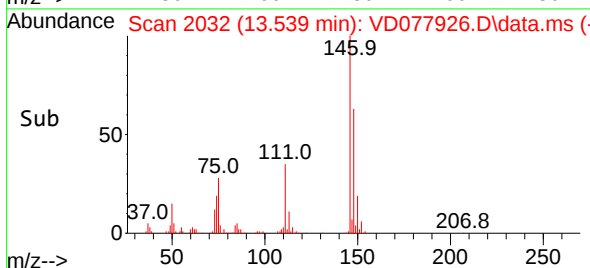
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#88
1,4-Dichlorobenzene
Concen: 56.754 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



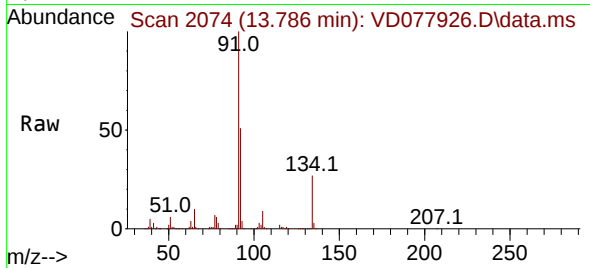
Tgt Ion:146 Resp: 209727
Ion Ratio Lower Upper
146 100
111 36.5 17.4 52.3
148 63.6 31.7 95.1





#89
n-Butylbenzene
Concen: 55.059 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

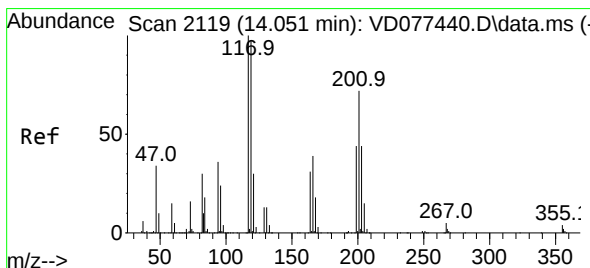
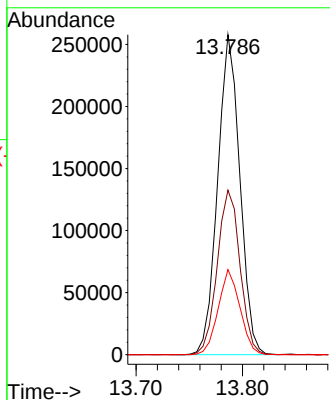
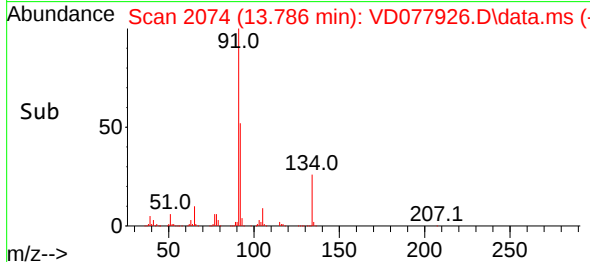
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 373009
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 26.0 13.8 41.3

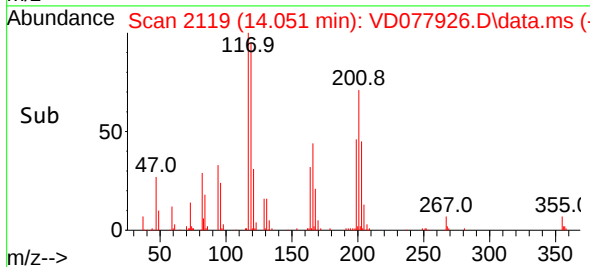
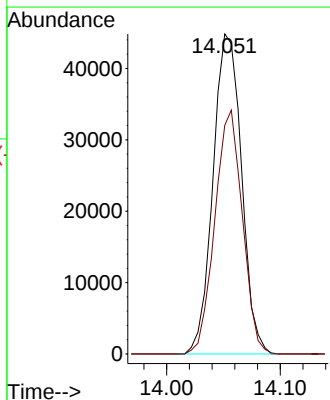
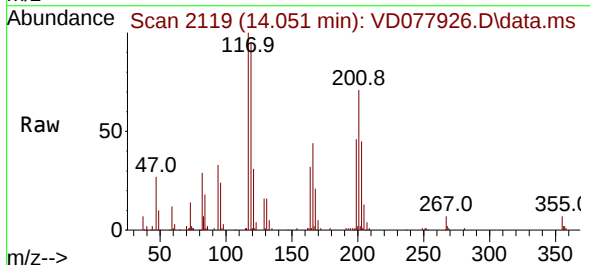
Manual Integrations
APPROVED

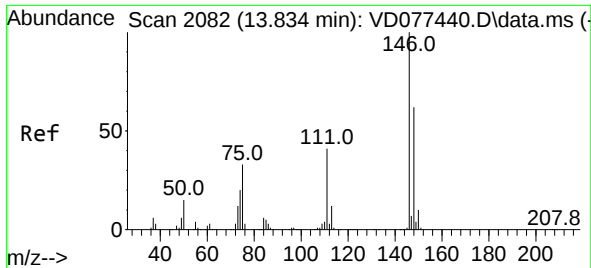
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90
Hexachloroethane
Concen: 58.996 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:117 Resp: 78117
Ion Ratio Lower Upper
117 100
201 73.6 38.5 115.5





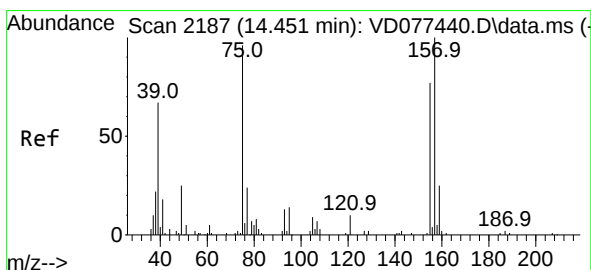
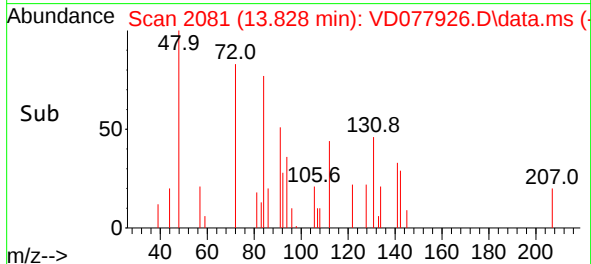
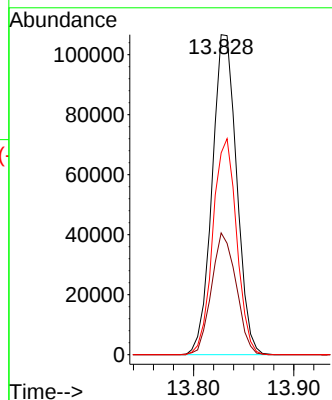
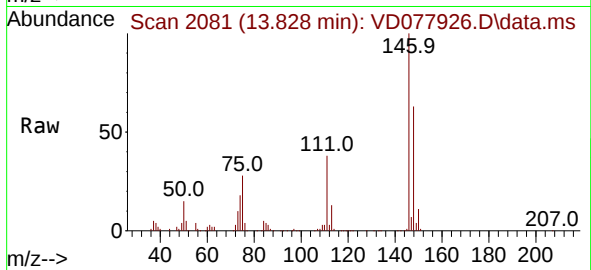
#91
1,2-Dichlorobenzene
Concen: 57.403 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 181430
Ion Ratio Lower Upper
146 100
111 38.2 18.3 54.8
148 65.5 31.6 94.7

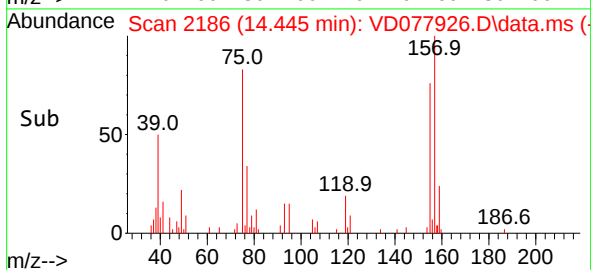
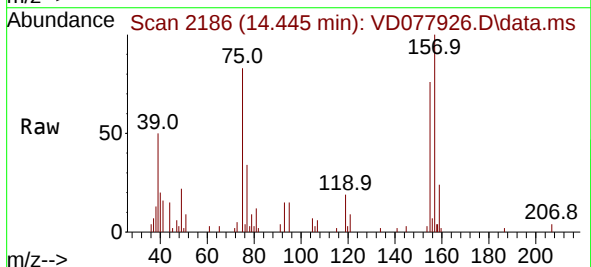
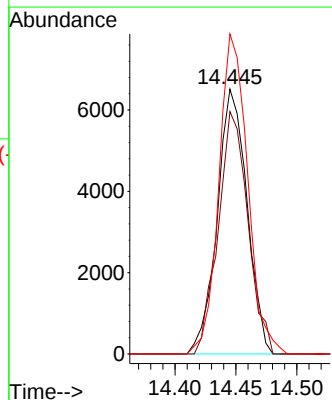
Manual Integrations
APPROVED

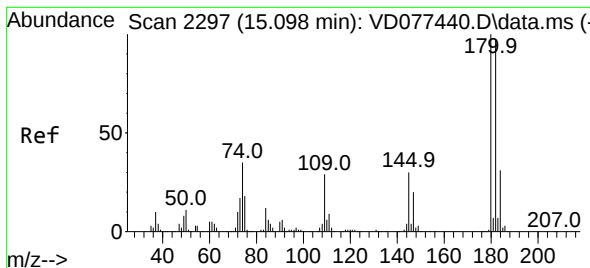
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.860 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

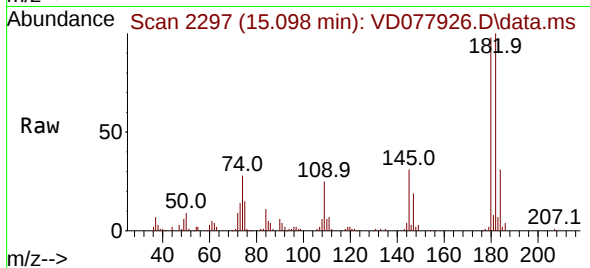
Tgt Ion: 75 Resp: 11070
Ion Ratio Lower Upper
75 100
155 91.2 47.9 143.8
157 116.8 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 52.613 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

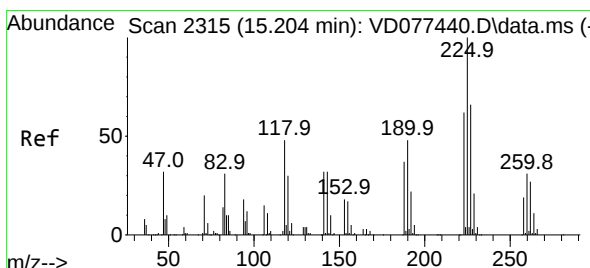
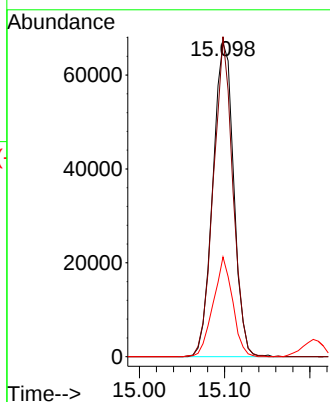
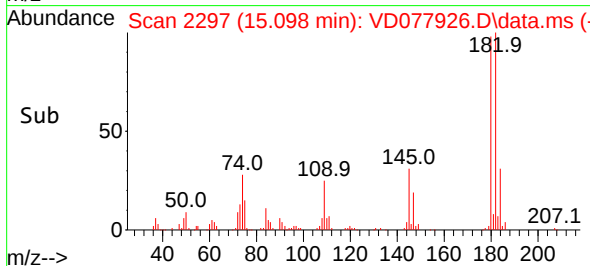
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 113590
Ion Ratio Lower Upper
180 100
182 94.9 48.5 145.6
145 29.6 14.2 42.6

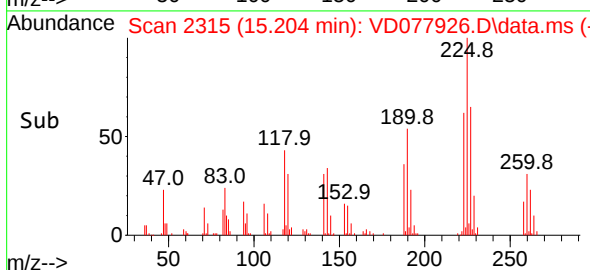
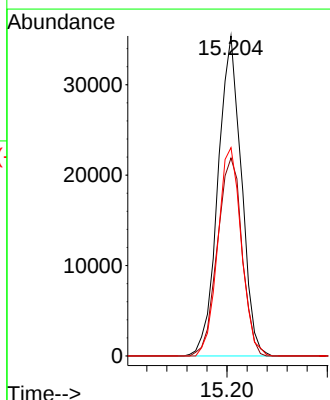
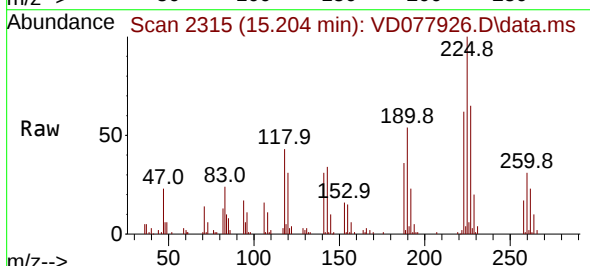
Manual Integrations
APPROVED

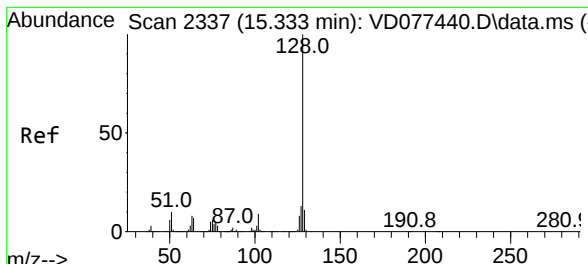
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#94
Hexachlorobutadiene
Concen: 49.326 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:225 Resp: 57426
Ion Ratio Lower Upper
225 100
223 65.0 31.6 94.8
227 65.1 31.7 95.1





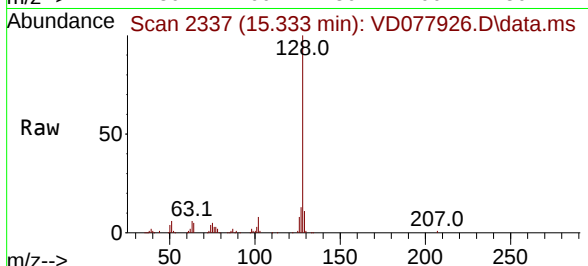
#95
Naphthalene
Concen: 57.772 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



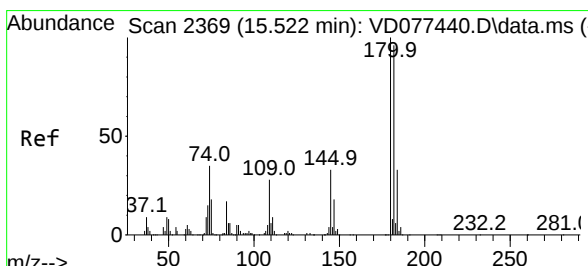
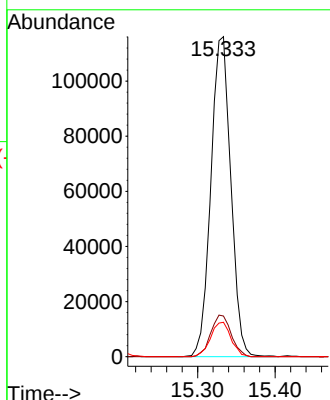
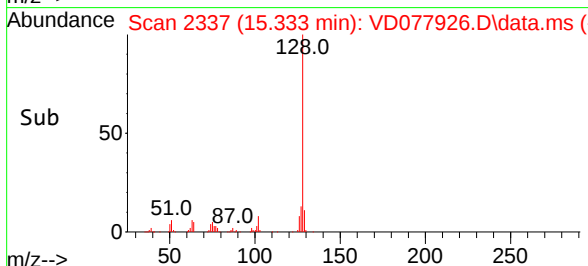
Tgt Ion:128 Resp: 207230

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.7	8.7	13.1

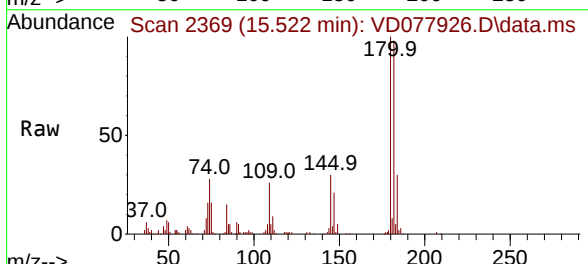
Manual Integrations

APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 54.408 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



Tgt Ion:180 Resp: 96840

Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.3	141.9
145	30.3	15.1	45.3

