

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077784.D
 Acq On : 08 Dec 2023 10:35
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

Quant Time: Dec 08 12:44:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 12:44:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	143787	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	243362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35574	20.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.380%#		
35) Dibromofluoromethane	7.805	113	36110	20.781	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.560%#		
50) Toluene-d8	10.275	98	143131	20.660	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.320%#		
62) 4-Bromofluorobenzene	12.575	95	41756	20.215	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	40.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	40913	22.417	ug/l	99
3) Chloromethane	2.152	50	49807	20.435	ug/l	100
4) Vinyl Chloride	2.293	62	73669	21.663	ug/l	98
5) Bromomethane	2.699	94	36808	19.535	ug/l	95
6) Chloroethane	2.840	64	48489	21.062	ug/l	99
7) Trichlorofluoromethane	3.181	101	65145	21.140	ug/l	96
8) Diethyl Ether	3.593	74	17530	20.342	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.975	101	37106	20.927	ug/l	97
10) Methyl Iodide	4.169	142	21200	18.234	ug/l	91
11) Tert butyl alcohol	5.058	59	9552	108.246	ug/l #	73
12) 1,1-Dichloroethene	3.952	96	37015	21.105	ug/l	92
13) Acrolein	3.799	56	19445	104.408	ug/l	94
14) Allyl chloride	4.569	41	49467	20.653	ug/l #	91
15) Acrylonitrile	5.264	53	41367	110.161	ug/l	98
16) Acetone	4.028	43	60468	147.772	ug/l	92
17) Carbon Disulfide	4.281	76	121073	20.489	ug/l	96
18) Methyl Acetate	4.569	43	29090	21.369	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	79437	21.247	ug/l	98
20) Methylene Chloride	4.805	84	45402	19.709	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	40515	20.528	ug/l	86
22) Diisopropyl ether	6.222	45	103187	20.573	ug/l #	91
23) Vinyl Acetate	6.158	43	260697	109.326	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	69582	20.513	ug/l	96
25) 2-Butanone	7.087	43	65876	129.012	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	58834	20.649	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	43917	20.580	ug/l	87
28) Bromochloromethane	7.428	49	28574	20.813	ug/l #	74
29) Tetrahydrofuran	7.452	42	30080	109.041	ug/l	86
30) Chloroform	7.605	83	71449	20.803	ug/l	98
31) Cyclohexane	7.881	56	62456	20.574	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	60650	20.281	ug/l	97
36) 1,1-Dichloropropene	8.016	75	55806	20.323	ug/l	96
37) Ethyl Acetate	7.175	43	21651	21.217	ug/l #	90
38) Carbon Tetrachloride	7.999	117	55843	20.272	ug/l	99
39) Methylcyclohexane	9.275	83	66384	20.330	ug/l	95
40) Benzene	8.252	78	158196	20.198	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	13597	24.275	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	42915	21.097	ug/l	94
43) Isopropyl Acetate	8.363	43	39345	20.510	ug/l #	90
44) Trichloroethene	9.028	130	42522	20.790	ug/l	94
45) 1,2-Dichloropropane	9.304	63	41312	21.512	ug/l	97
46) Dibromomethane	9.393	93	20312	20.136	ug/l	100
47) Bromodichloromethane	9.587	83	52454	20.482	ug/l #	98
48) Methyl methacrylate	9.381	41	22462	20.512	ug/l #	77
49) 1,4-Dioxane	9.387	88	3862	381.987	ug/l #	67
51) 4-Methyl-2-Pentanone	10.157	43	106118	108.055	ug/l	89
52) Toluene	10.334	92	99526	20.468	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	50949	20.735	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	61758	20.774	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	28893	20.806	ug/l	94
56) Ethyl methacrylate	10.599	69	25838	21.150	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	49556	20.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	73535	106.088	ug/l	95
59) 2-Hexanone	10.922	43	100640	126.733	ug/l	85
60) Dibromochloromethane	11.075	129	35652	21.246	ug/l	100
61) 1,2-Dibromoethane	11.181	107	28252	21.513	ug/l	97
64) Tetrachloroethene	10.810	164	33977	20.286	ug/l	93
65) Chlorobenzene	11.610	112	112156	19.536	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	37673	19.817	ug/l	95
67) Ethyl Benzene	11.687	91	187643	19.844	ug/l	96
68) m/p-Xylenes	11.793	106	145365	40.061	ug/l	92
69) o-Xylene	12.122	106	66250	19.793	ug/l	92
70) Styrene	12.140	104	99283	20.010	ug/l	94
71) Bromoform	12.304	173	20297	20.492	ug/l #	100
73) Isopropylbenzene	12.422	105	179224	19.963	ug/l	95
74) N-amyl acetate	12.234	43	36792	20.778	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	33693	21.363	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	19210m	18.920	ug/l	
77) Bromobenzene	12.704	156	41237	19.514	ug/l	92
78) n-propylbenzene	12.763	91	213784	19.676	ug/l	97
79) 2-Chlorotoluene	12.851	91	115522	19.780	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	149499	19.946	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	9686	19.306	ug/l	92
82) 4-Chlorotoluene	12.951	91	120037	19.734	ug/l	96
83) tert-Butylbenzene	13.169	119	124349	19.708	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	148303	19.877	ug/l	97
85) sec-Butylbenzene	13.345	105	183483	19.703	ug/l	98
86) p-Isopropyltoluene	13.463	119	163244	19.595	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	86586	20.020	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	89990	19.802	ug/l	98
89) n-Butylbenzene	13.787	91	154324	19.695	ug/l	98
90) Hexachloroethane	14.057	117	30821	20.008	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	72752	19.827	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.457	75	5160	20.895	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	47012	18.865	ug/l	96
94) Hexachlorobutadiene	15.204	225	25898	19.350	ug/l	97
95) Naphthalene	15.334	128	80623	19.504	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	38604	18.970	ug/l	98

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QLast Update : Fri Dec 08 12:44:26 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

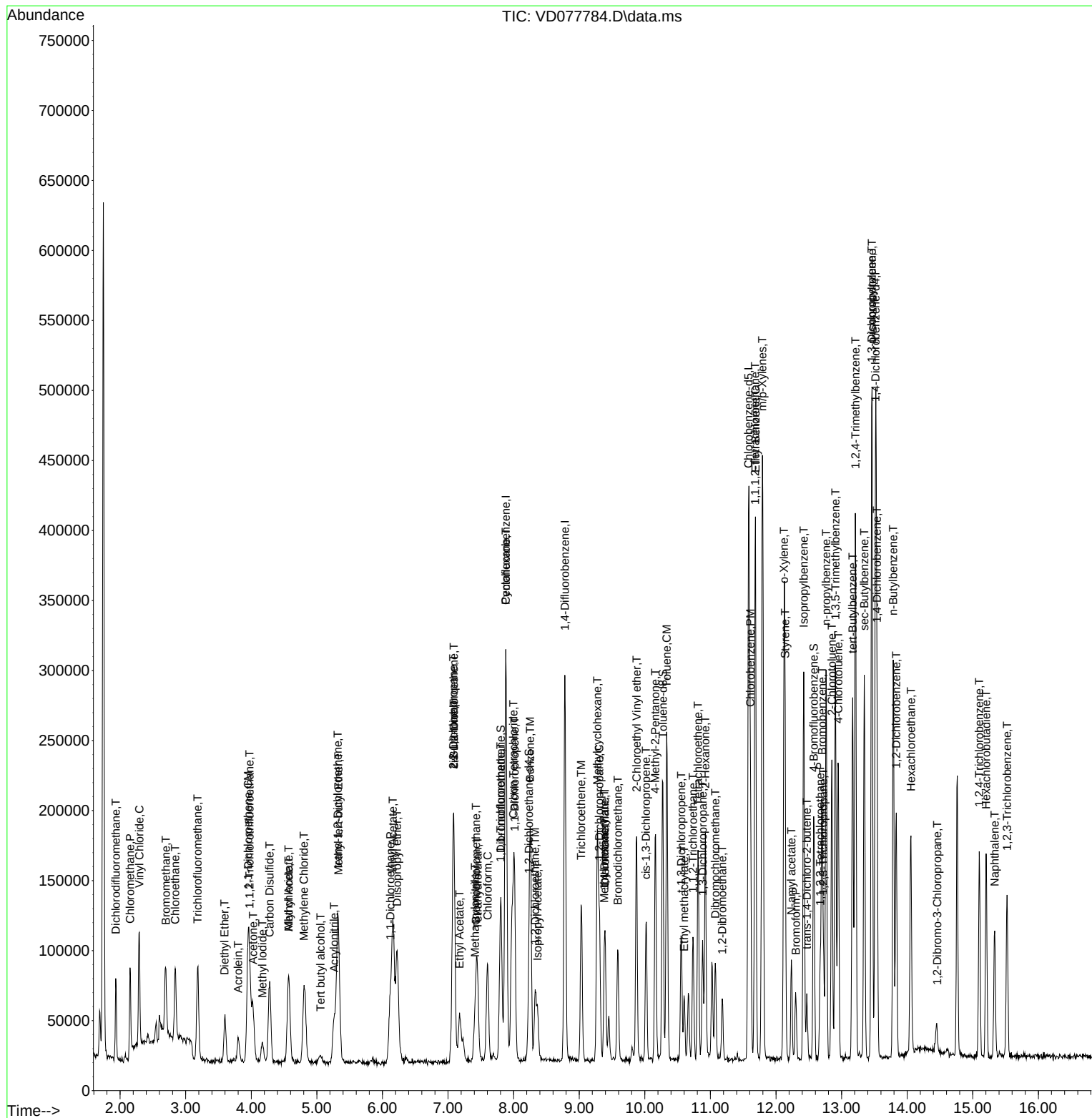
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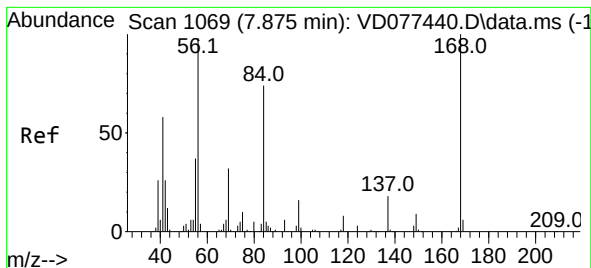
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077784.D

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Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion:168 Resp: 14378

Ion Ratio Lower Upper

168 100

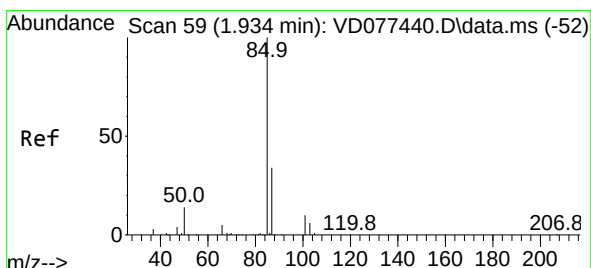
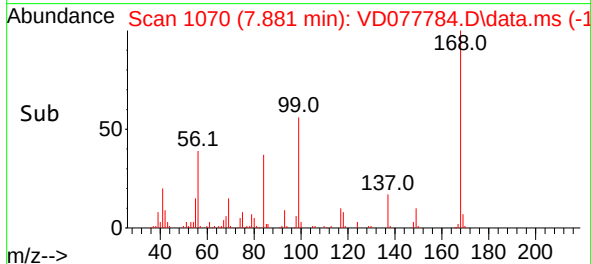
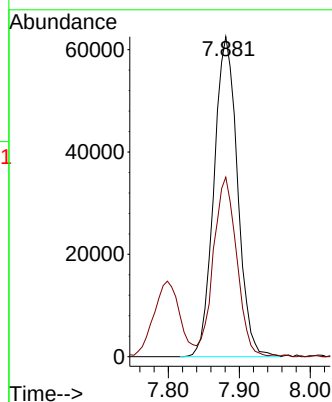
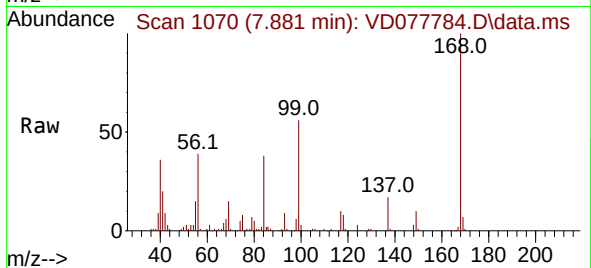
99 55.8 36.7 55.1

Manual Integrations

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Supervised By :Mahesh Dadoda 12/11/2023



#2

Dichlorodifluoromethane

Concen: 22.417 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077784.D

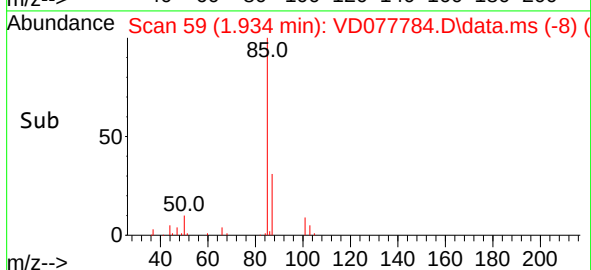
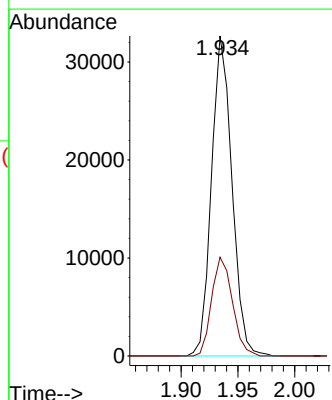
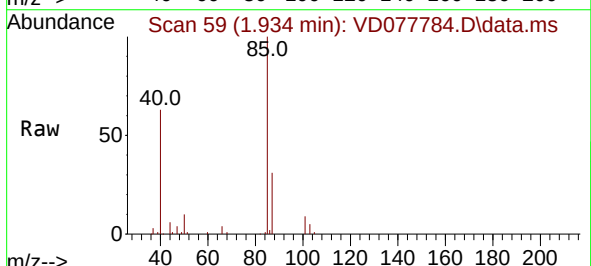
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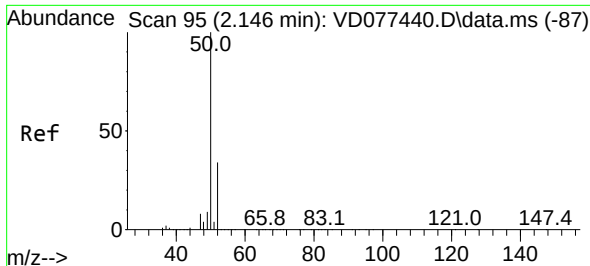
Tgt Ion: 85 Resp: 40913

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.0





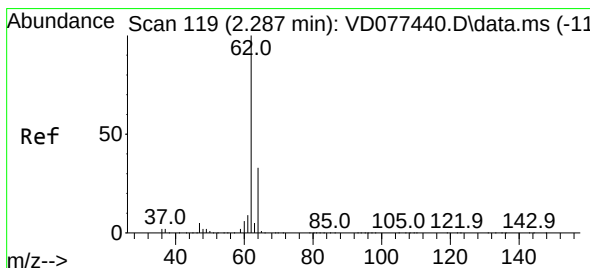
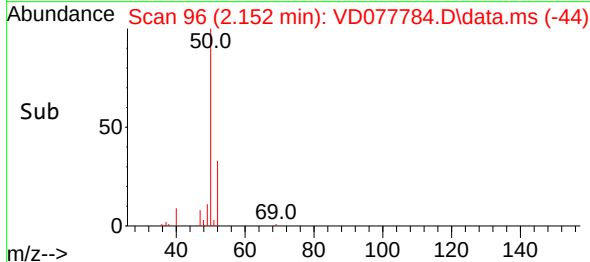
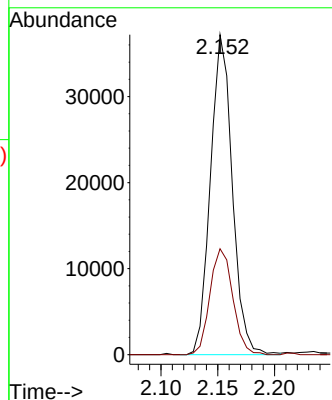
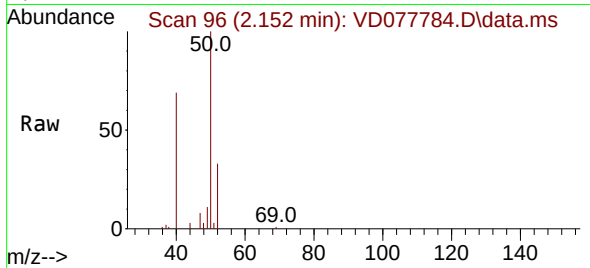
#3
Chloromethane
Concen: 20.435 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 50 Resp: 4980
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

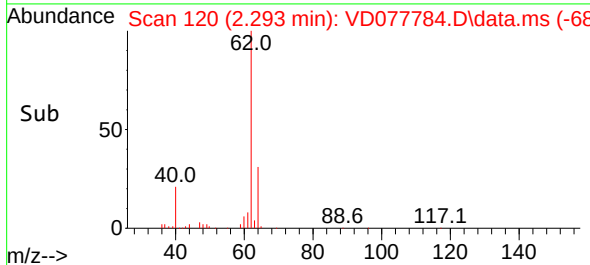
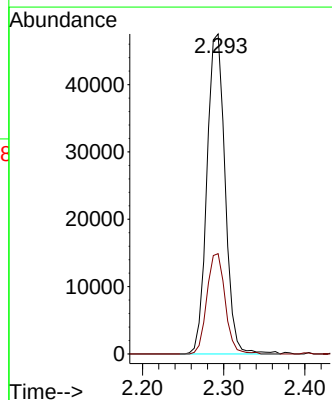
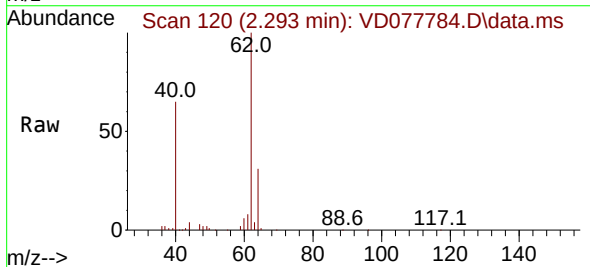
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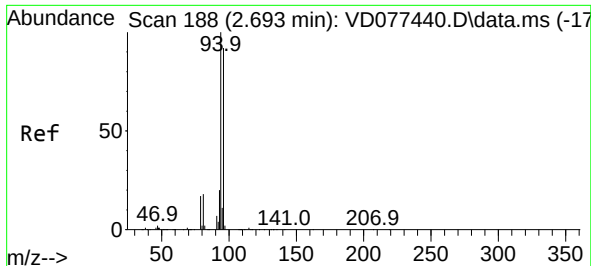
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#4
Vinyl Chloride
Concen: 21.663 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

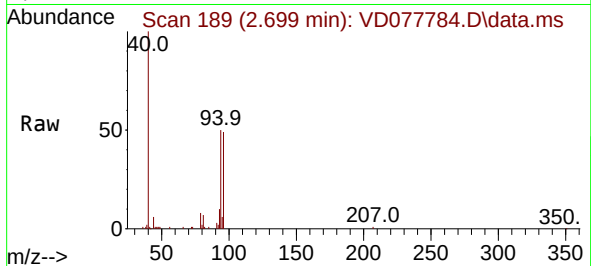
Tgt Ion: 62 Resp: 73669
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 19.535 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

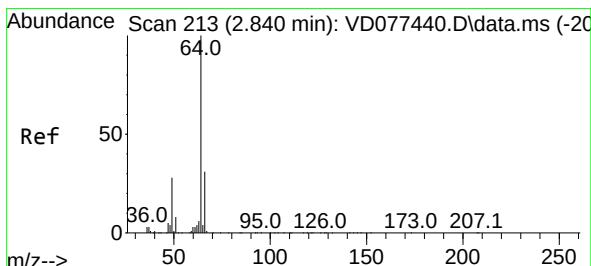
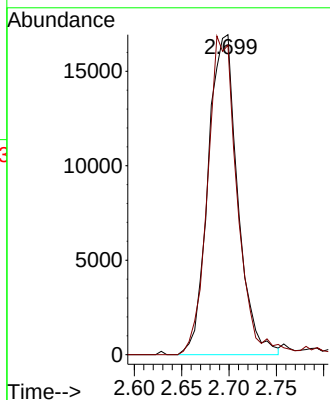
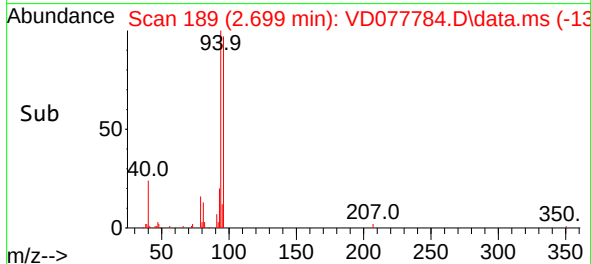
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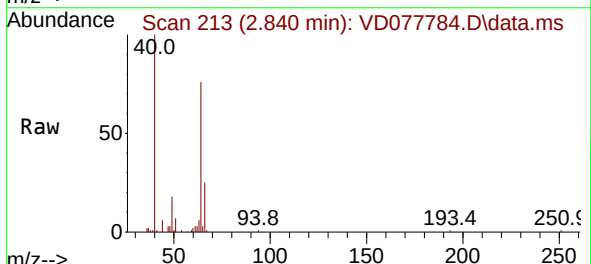
Tgt Ion: 94 Resp: 36808
Ion Ratio Lower Upper
94 100
96 99.5 75.8 113.8

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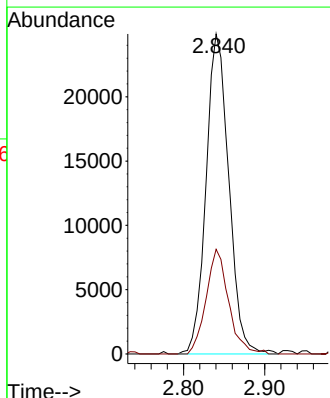
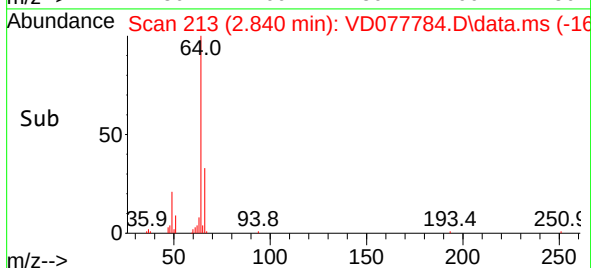
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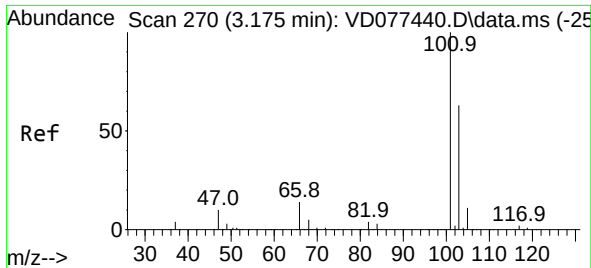


#6
Chloroethane
Concen: 21.062 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35



Tgt Ion: 64 Resp: 48489
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3





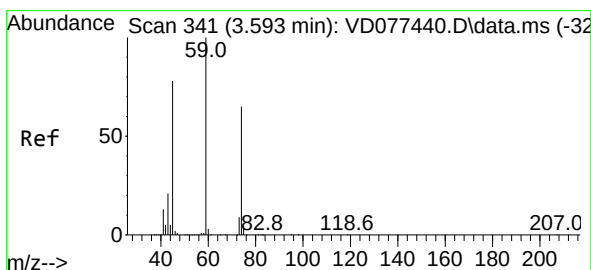
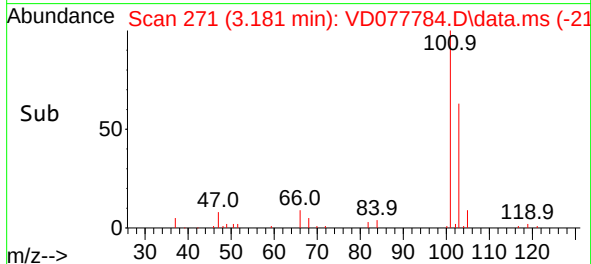
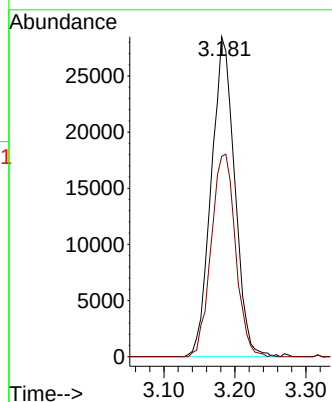
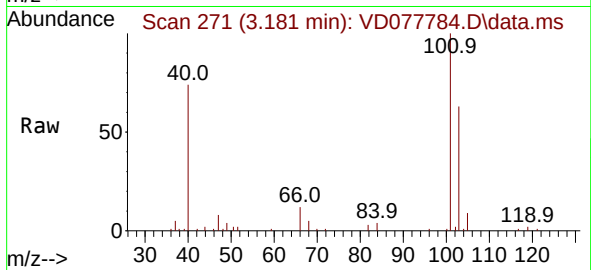
#7
Trichlorofluoromethane
Concen: 21.140 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
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Tgt Ion:101 Resp: 6514
Ion Ratio Lower Upper
101 100
103 62.5 52.3 78.5

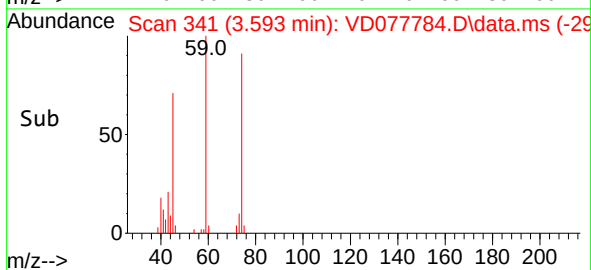
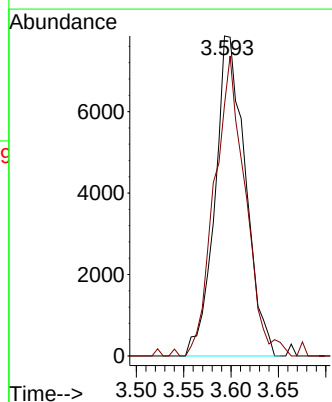
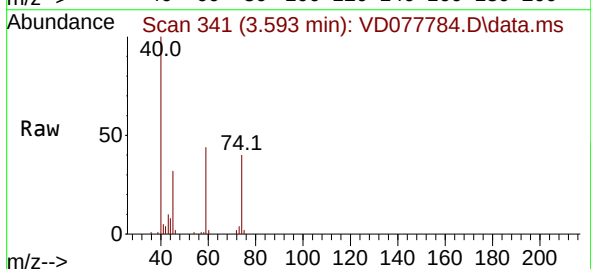
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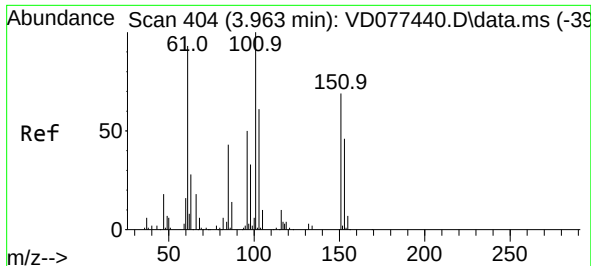
Reviewed By :Semsettin Yesilyurt 12/11/2023
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#8
Diethyl Ether
Concen: 20.342 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion: 74 Resp: 17530
Ion Ratio Lower Upper
74 100
45 95.1 37.5 112.7





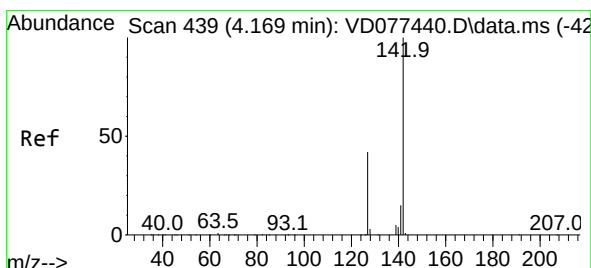
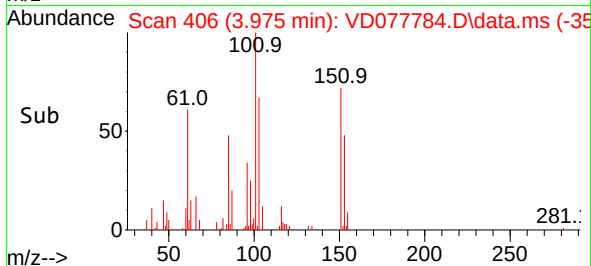
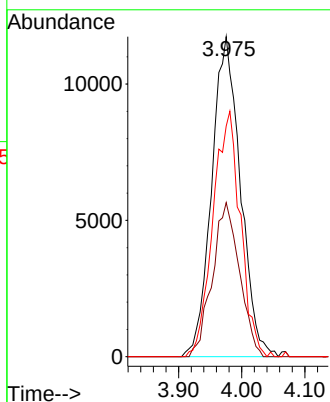
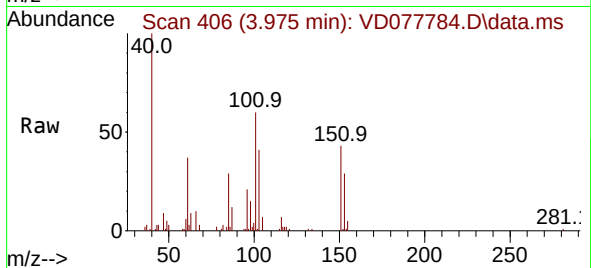
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.927 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 37100
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 73.2 59.8 89.6

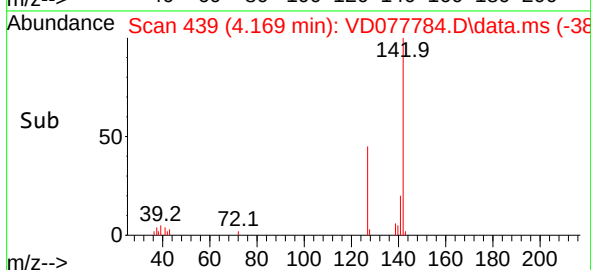
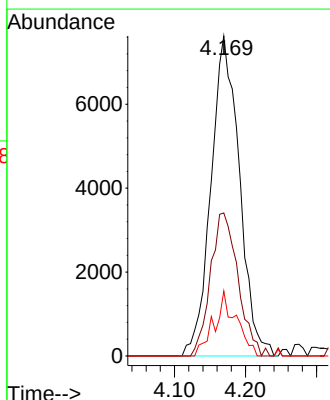
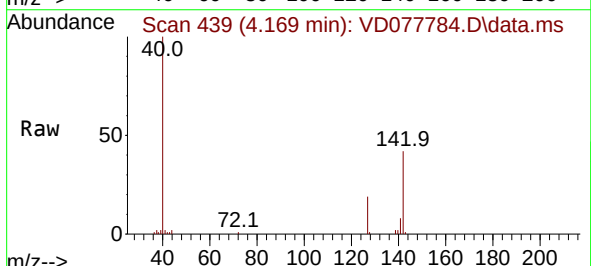
Manual Integrations
APPROVED

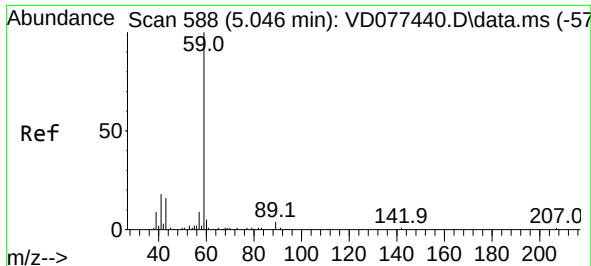
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#10
Methyl Iodide
Concen: 18.234 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

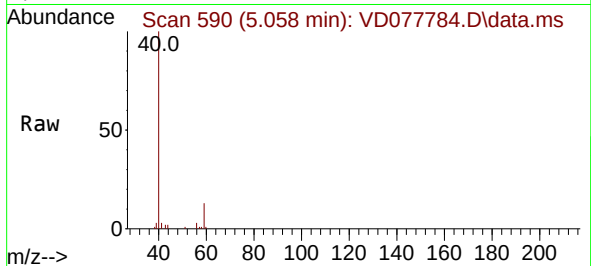
Tgt Ion:142 Resp: 21200
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 15.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 108.246 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

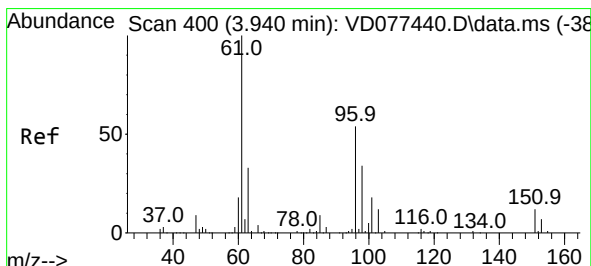
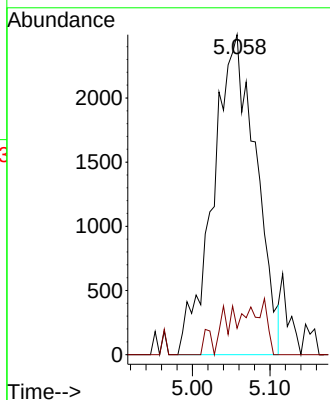
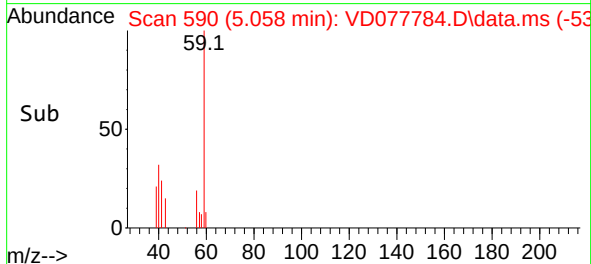
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



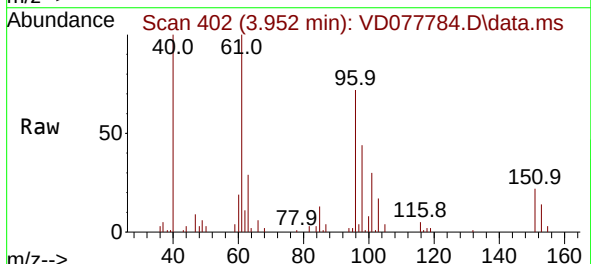
Tgt Ion: 59 Resp: 955
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations
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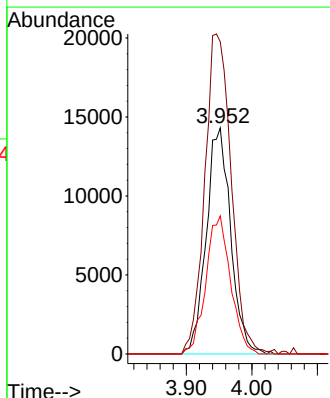
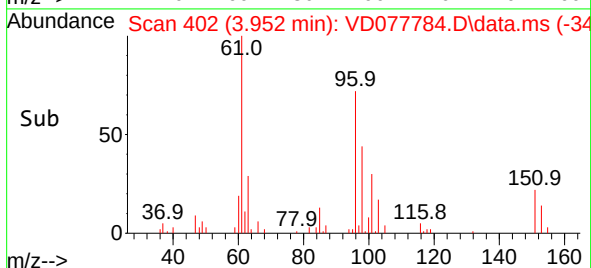
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

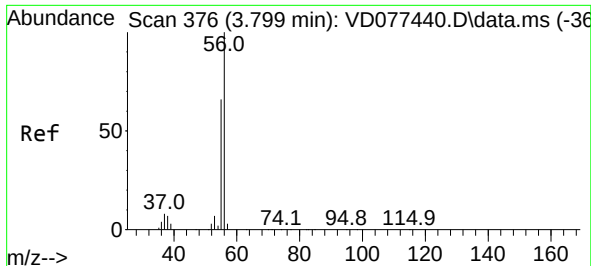


#12
1,1-Dichloroethene
Concen: 21.105 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35



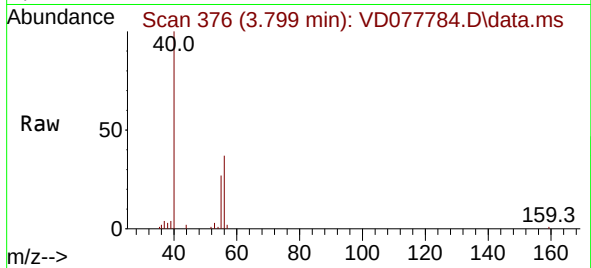
Tgt Ion: 96 Resp: 37015
Ion Ratio Lower Upper
96 100
61 138.1 100.6 150.8
98 61.1 50.2 75.2





#13
Acrolein
Concen: 104.408 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

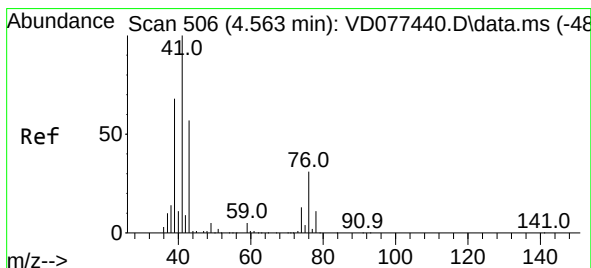
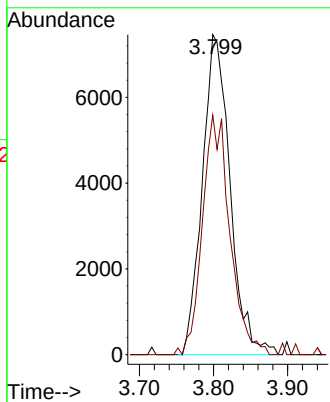
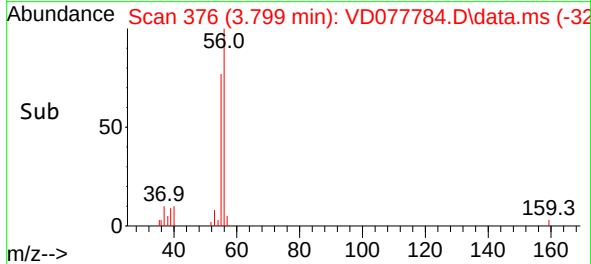
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



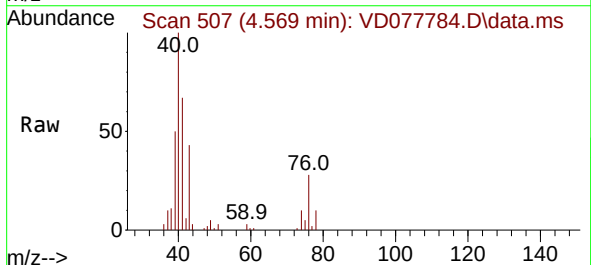
Tgt Ion: 56 Resp: 1944
Ion Ratio Lower Upper
56 100
55 73.8 55.1 82.7

Manual Integrations
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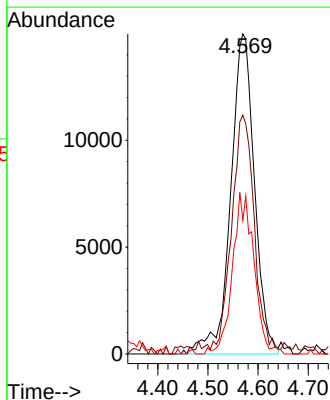
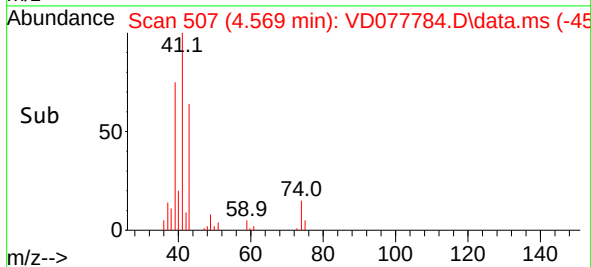
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

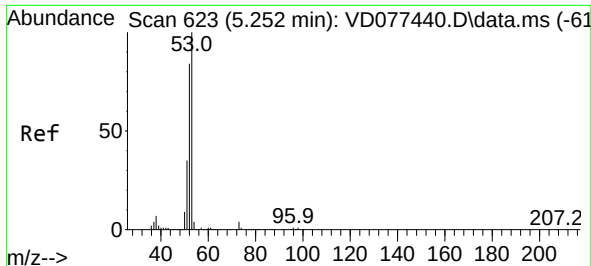


#14
Allyl chloride
Concen: 20.653 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35



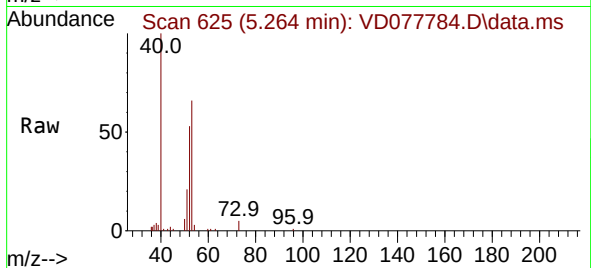
Tgt Ion: 41 Resp: 49467
Ion Ratio Lower Upper
41 100
39 69.3 53.8 80.6
76 44.7 45.8 68.8





#15
Acrylonitrile
Concen: 110.161 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

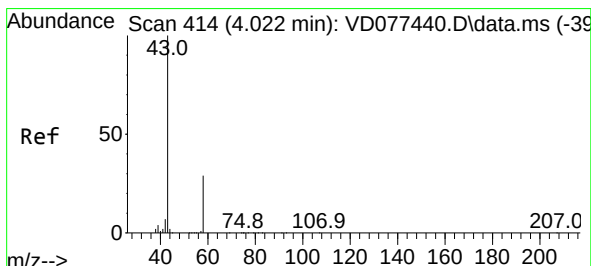
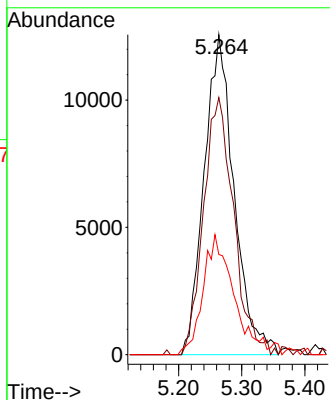
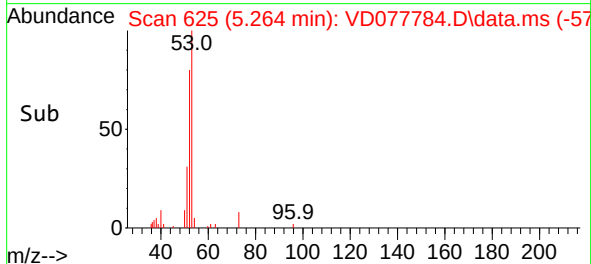
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



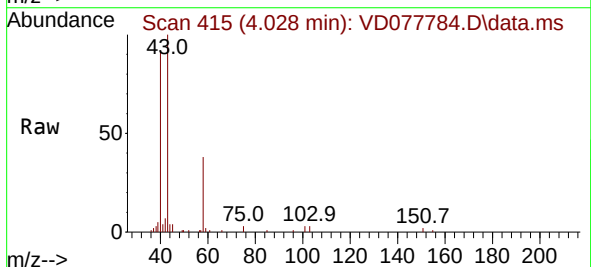
Tgt Ion: 53 Resp: 4136
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.4
51 38.3 28.3 42.5

Manual Integrations
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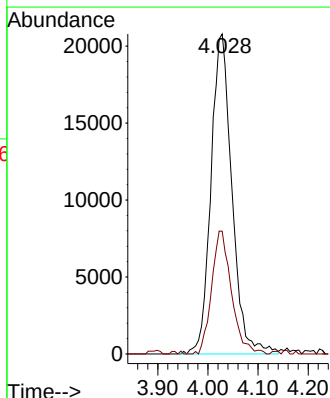
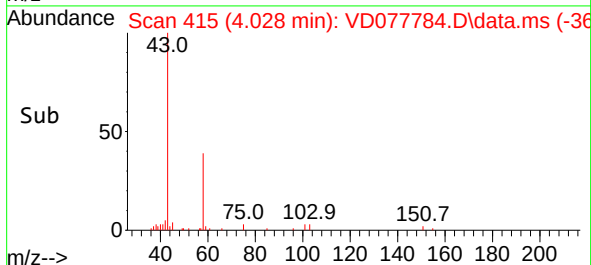
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

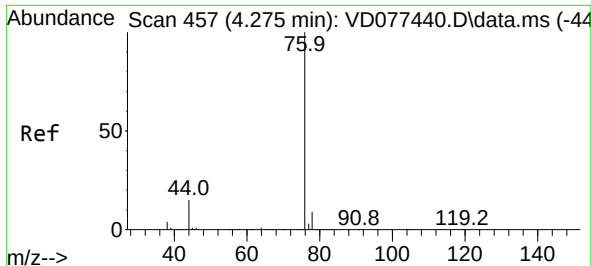


#16
Acetone
Concen: 147.772 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35



Tgt Ion: 43 Resp: 60468
Ion Ratio Lower Upper
43 100
58 38.3 34.7 52.1





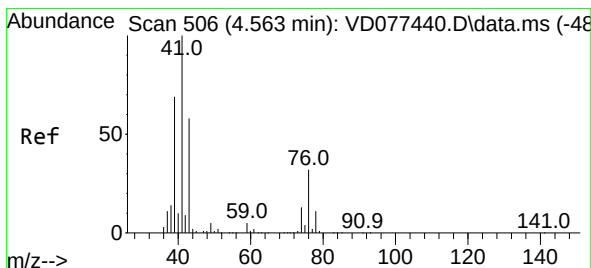
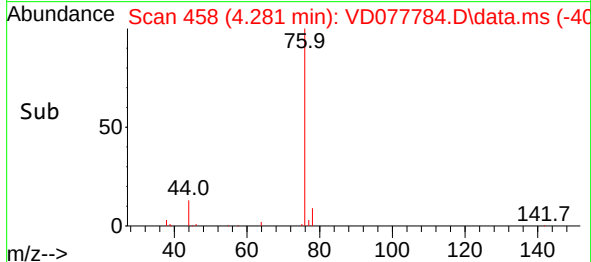
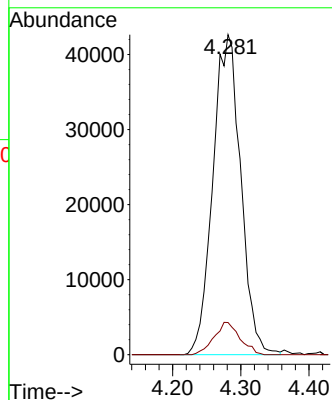
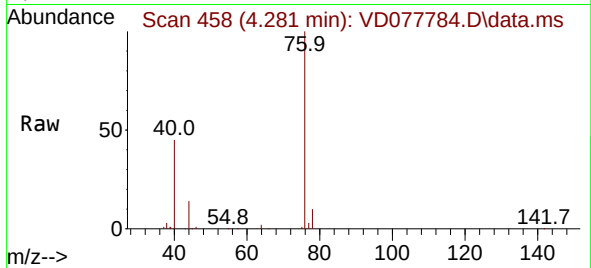
#17
Carbon Disulfide
Concen: 20.489 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 12107
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2

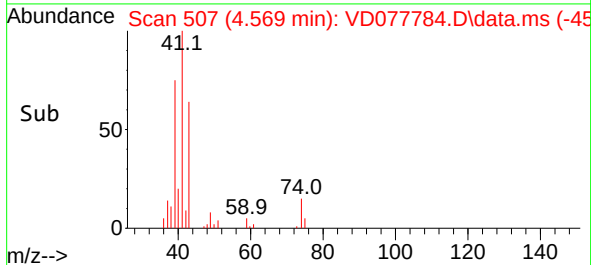
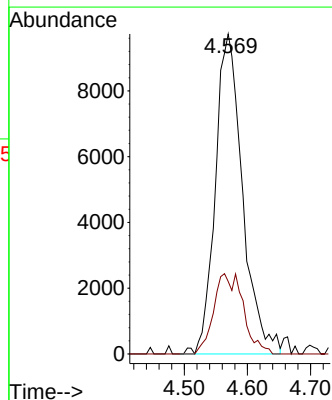
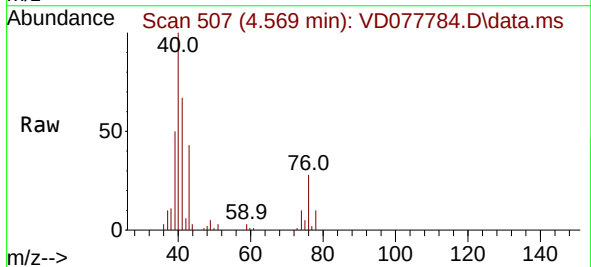
Manual Integrations
APPROVED

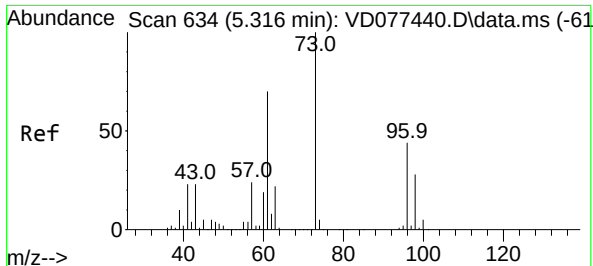
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#18
Methyl Acetate
Concen: 21.369 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion: 43 Resp: 29090
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





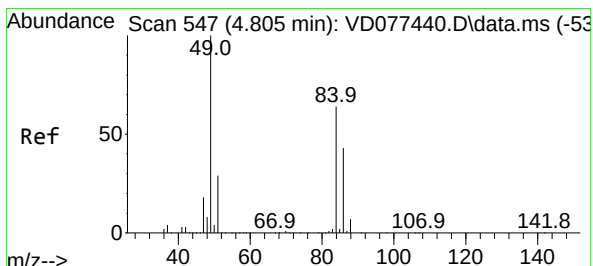
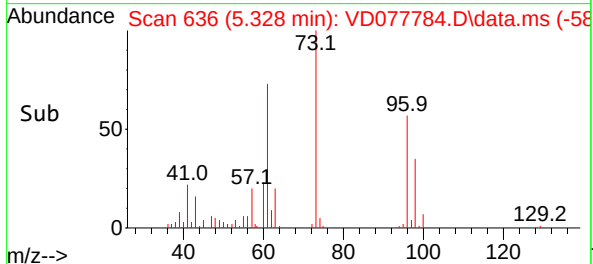
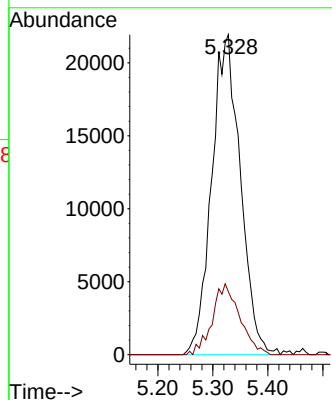
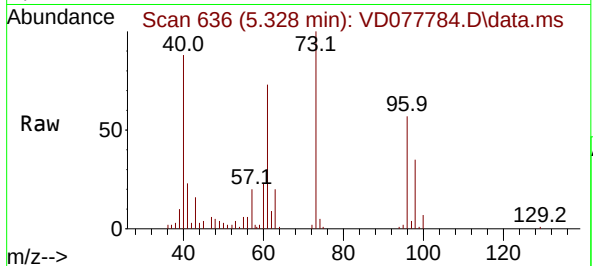
#19
Methyl tert-butyl Ether
Concen: 21.247 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 7943
Ion Ratio Lower Upper
73 100
57 19.7 16.6 25.0

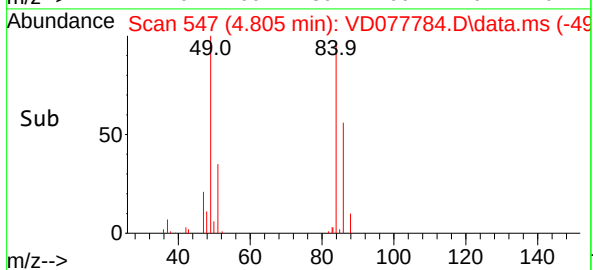
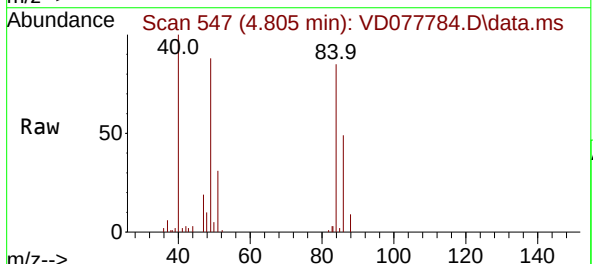
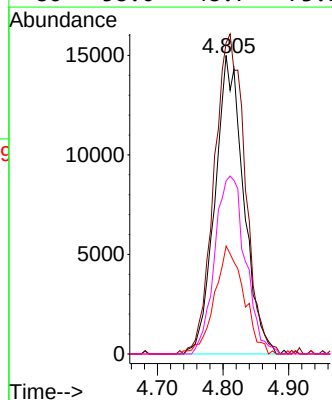
Manual Integrations
APPROVED

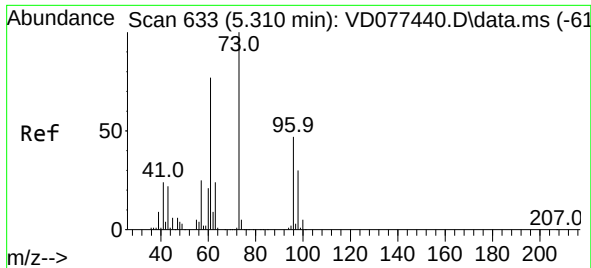
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#20
Methylene Chloride
Concen: 19.709 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion: 84 Resp: 45402
Ion Ratio Lower Upper
84 100
49 104.2 71.4 107.2
51 36.1 24.5 36.7
86 58.0 48.7 73.1





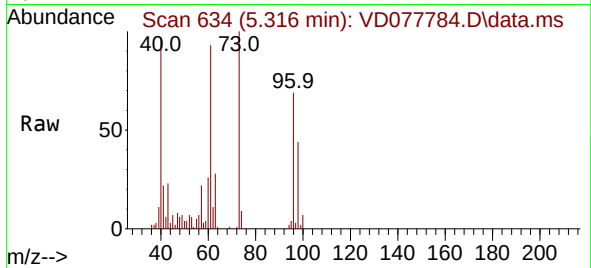
#21
trans-1,2-Dichloroethene
Concen: 20.528 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

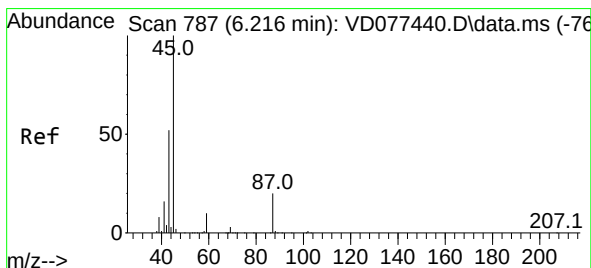
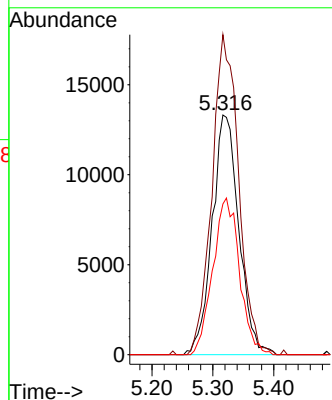
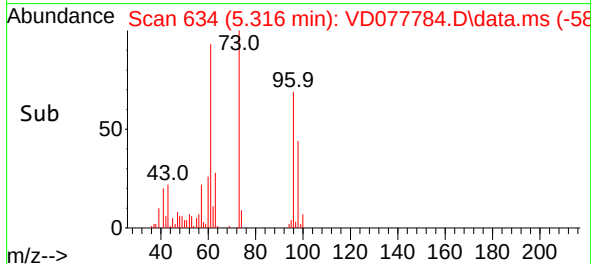


Tgt Ion: 96 Resp: 4051
Ion Ratio Lower Upper
96 100
61 133.5 89.3 133.9
98 62.8 48.6 73.0

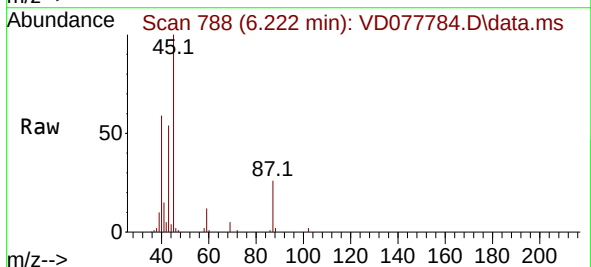
Manual Integrations

APPROVED

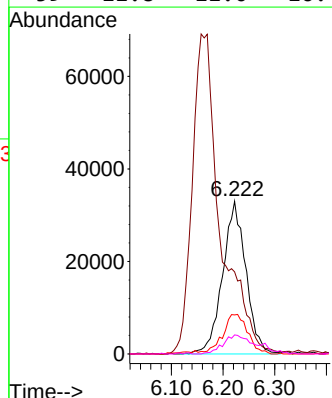
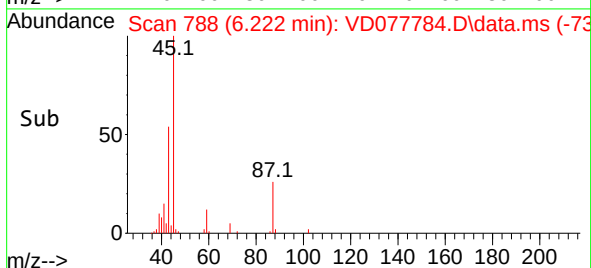
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

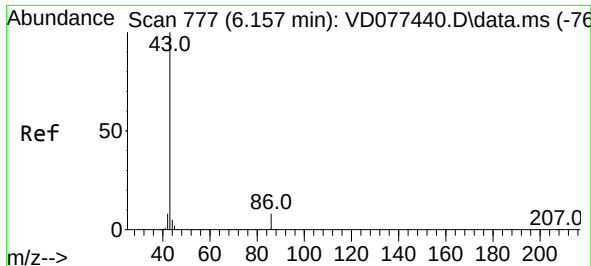


#22
Diisopropyl ether
Concen: 20.573 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35



Tgt Ion: 45 Resp: 103187
Ion Ratio Lower Upper
45 100
43 52.2 40.0 60.0
87 25.0 28.2 42.4#
59 11.8 11.0 16.4





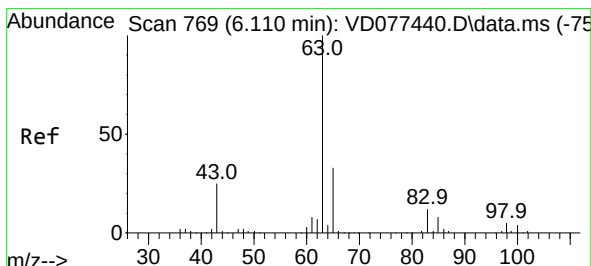
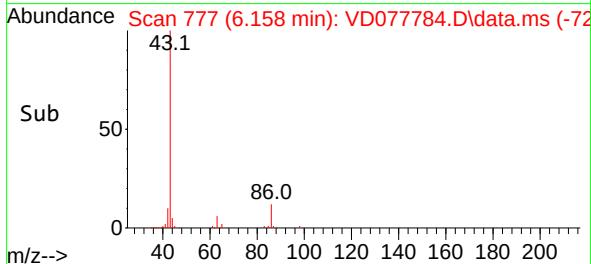
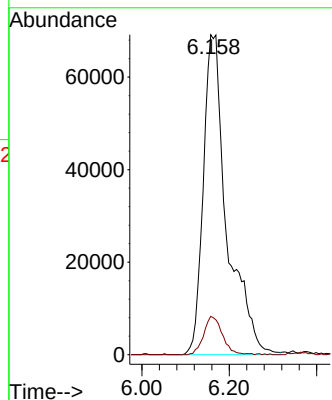
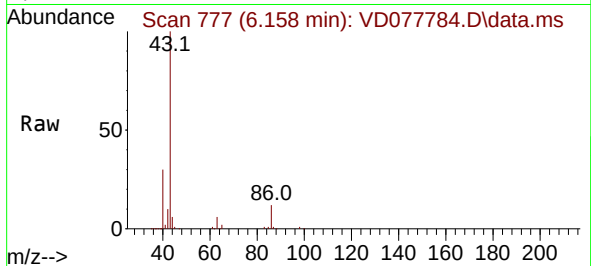
#23
 Vinyl Acetate
 Concen: 109.326 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077784.D
 Acq: 08 Dec 2023 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 26069
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.5 18.7

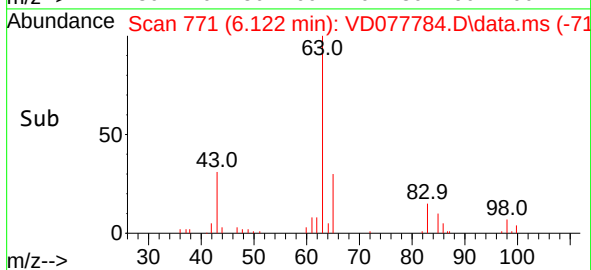
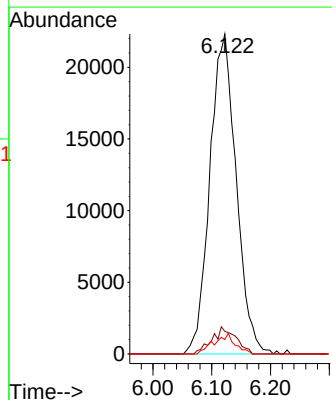
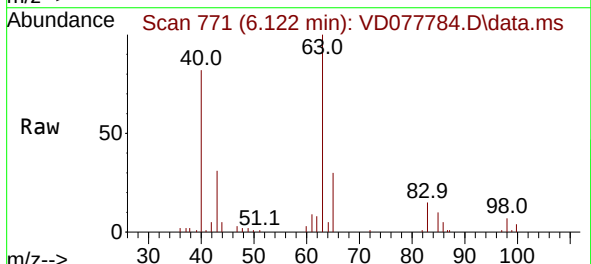
Manual Integrations
 APPROVED

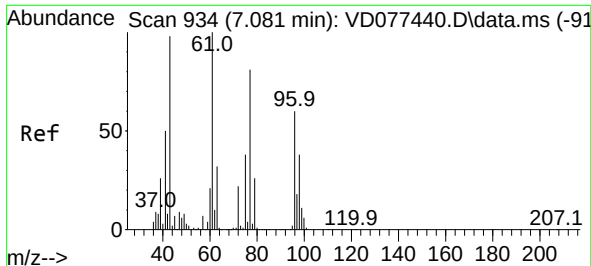
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#24
 1,1-Dichloroethane
 Concen: 20.513 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077784.D
 Acq: 08 Dec 2023 10:35

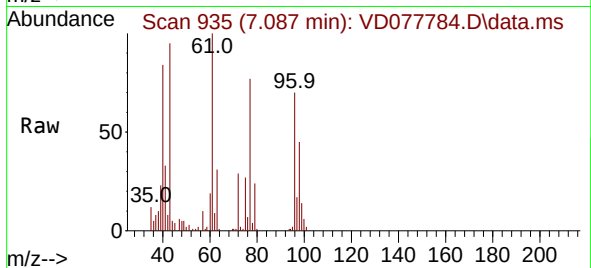
Tgt Ion: 63 Resp: 69582
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 4.5 2.5 7.5





#25
2-Butanone
Concen: 129.012 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

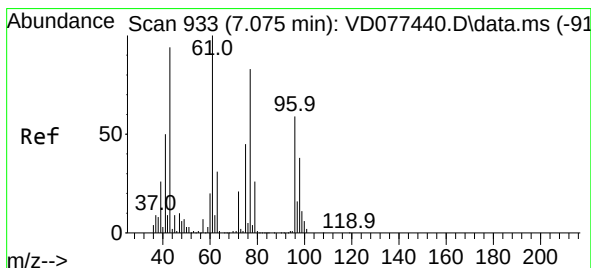
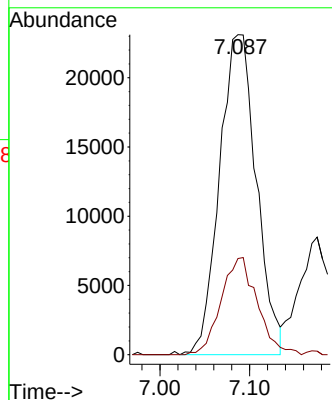
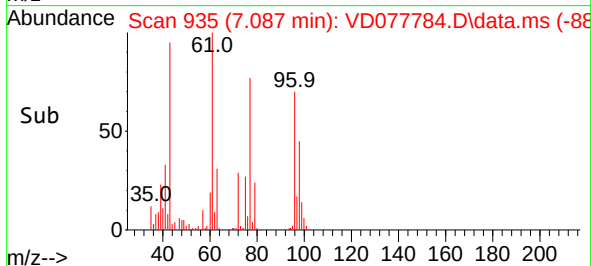
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



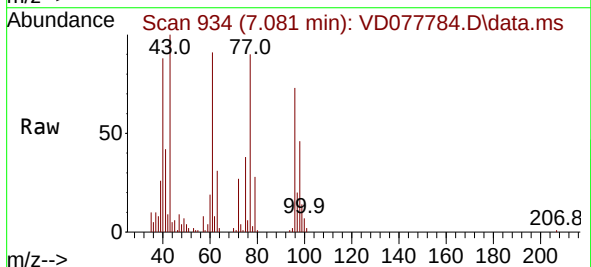
Tgt Ion: 43 Resp: 65870
Ion Ratio Lower Upper
43 100
72 30.0 30.7 46.1

Manual Integrations
APPROVED

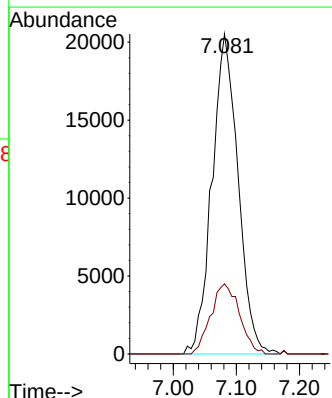
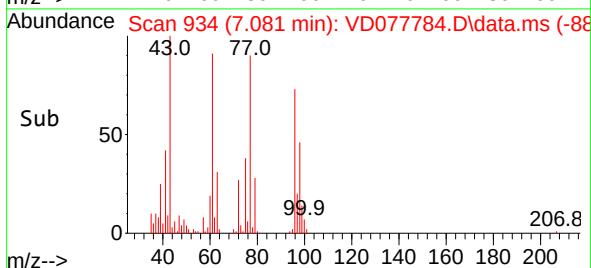
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

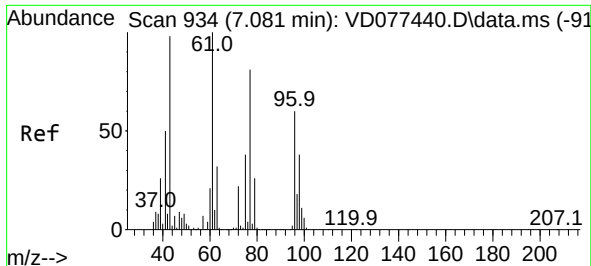


#26
2,2-Dichloropropane
Concen: 20.649 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35



Tgt Ion: 77 Resp: 58834
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.580 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

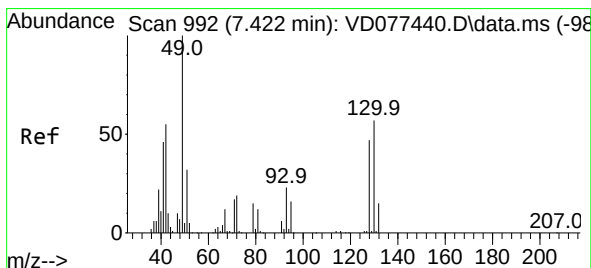
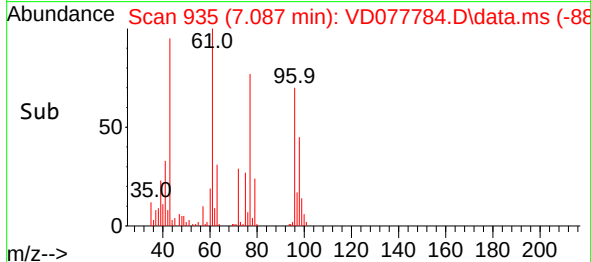
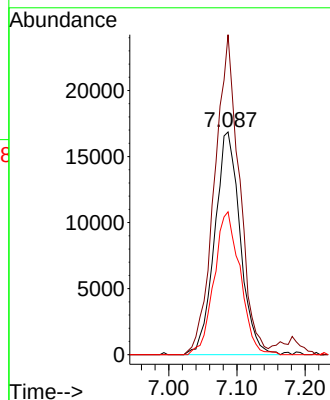
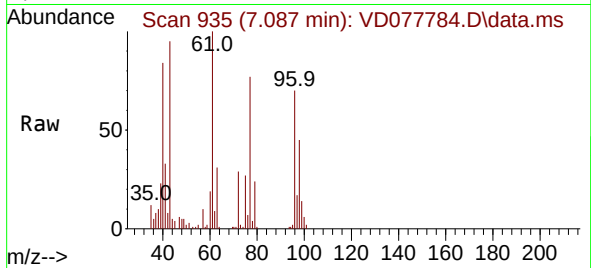
VSTDICC020

Tgt Ion:	96	Resp:	4391
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	239.2
98	65.8	0.0	128.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#28

Bromochloromethane

Concen: 20.813 ug/l

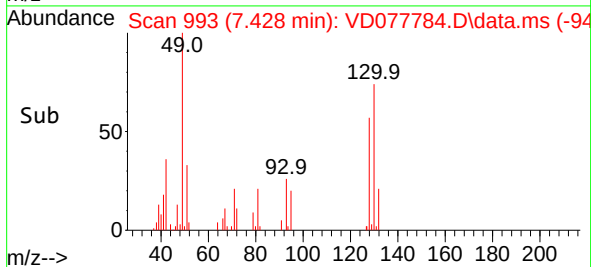
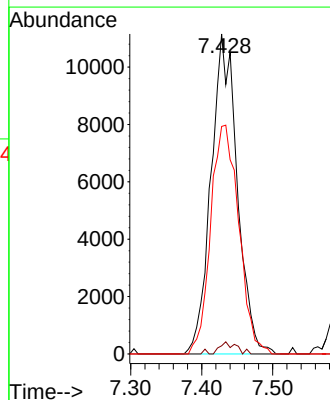
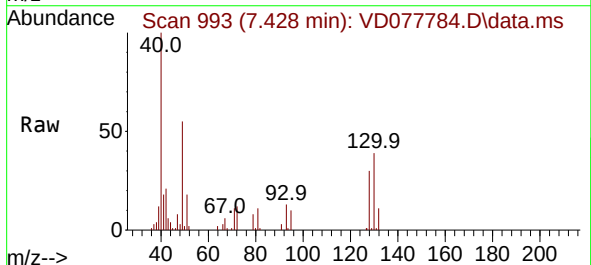
RT: 7.428 min Scan# 993

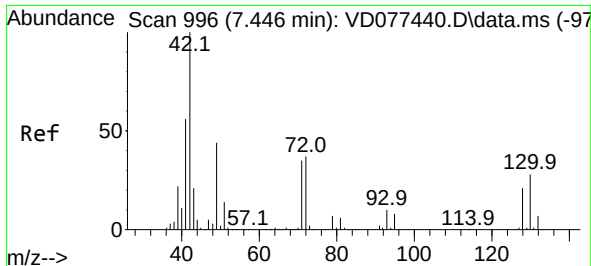
Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Tgt Ion:	49	Resp:	28574
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	6.0
130	76.7	83.2	124.8





#29

Tetrahydrofuran

Concen: 109.041 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

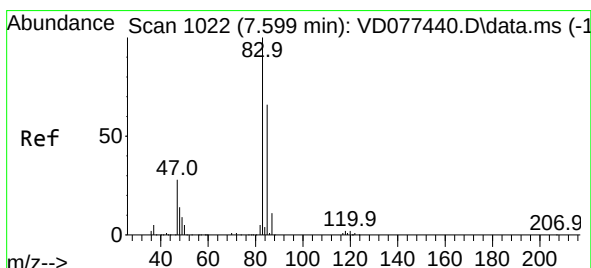
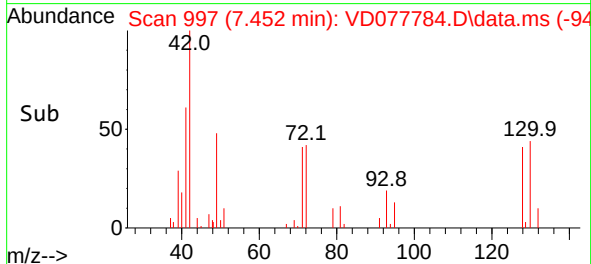
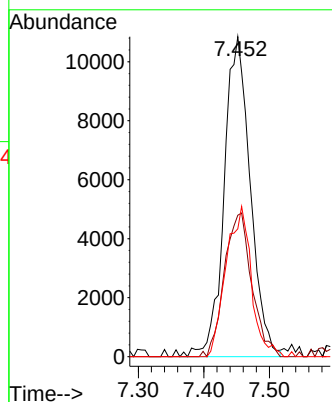
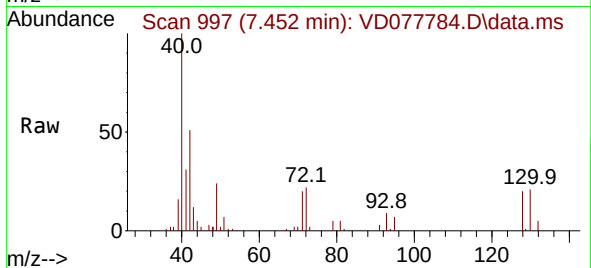
VSTDICC020

Tgt Ion:	42	Resp:	30080
Ion	Ratio	Lower	Upper
42	100		
72	47.1	46.5	69.7
71	45.3	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#30

Chloroform

Concen: 20.803 ug/l

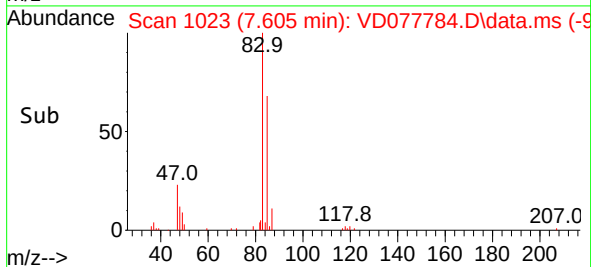
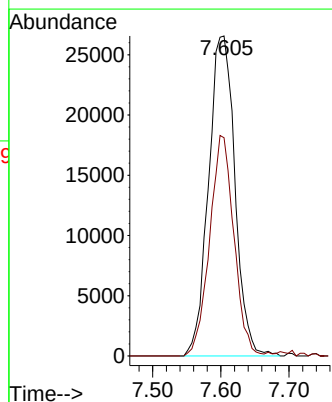
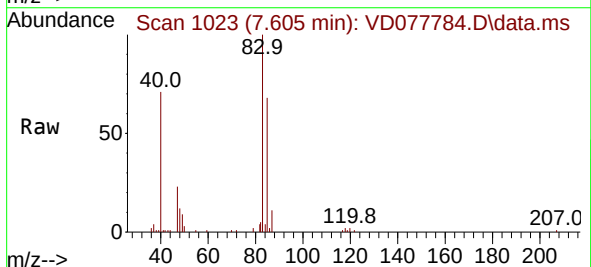
RT: 7.605 min Scan# 1023

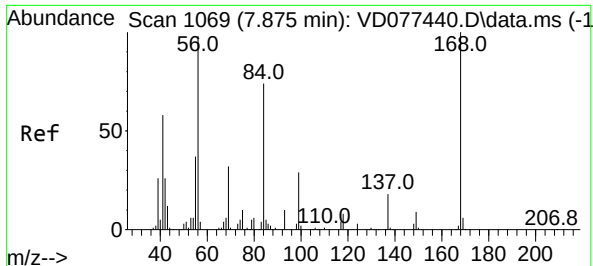
Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

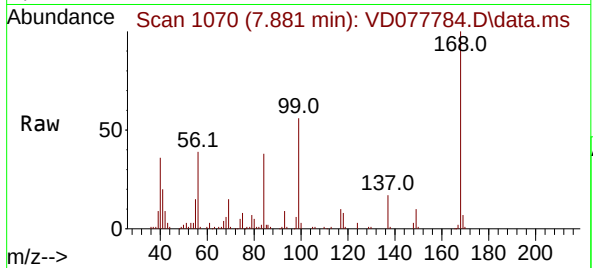
Tgt Ion:	83	Resp:	71449
Ion	Ratio	Lower	Upper
83	100		
85	68.2	53.4	80.2





#31
Cyclohexane
Concen: 20.574 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

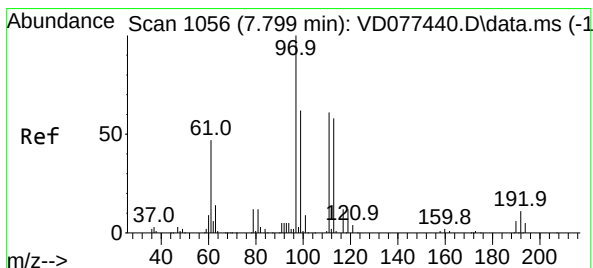
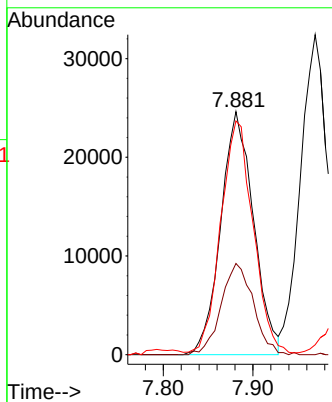
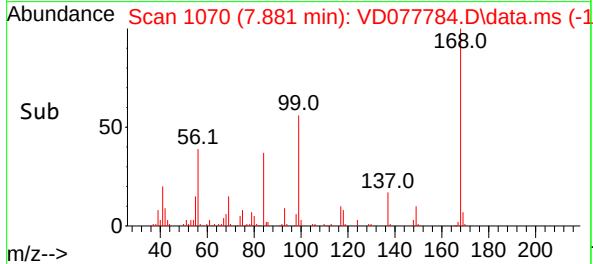
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



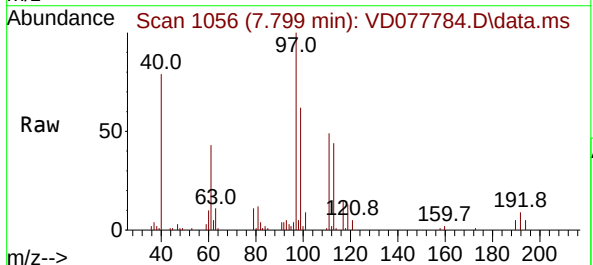
Tgt Ion: 56 Resp: 62450
Ion Ratio Lower Upper
56 100
69 37.5 28.6 43.0
84 94.6 84.8 127.2

Manual Integrations
APPROVED

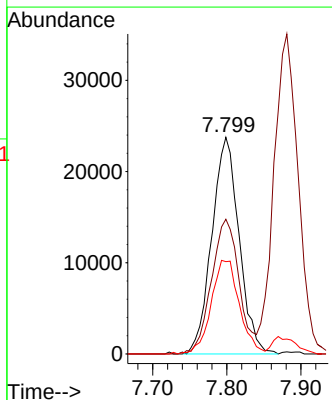
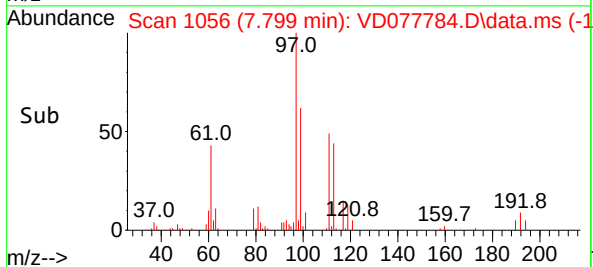
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

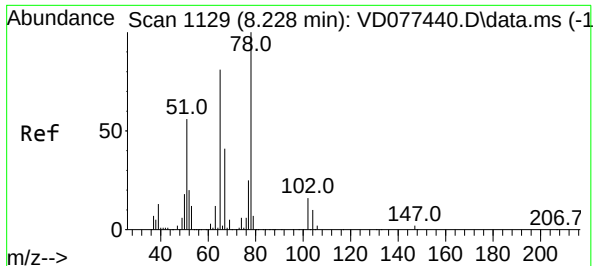


#32
1,1,1-Trichloroethane
Concen: 20.281 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35



Tgt Ion: 97 Resp: 60650
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 20.686 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 35574

Ion Ratio Lower Upper

65 100

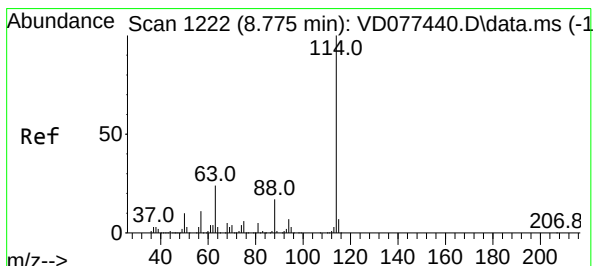
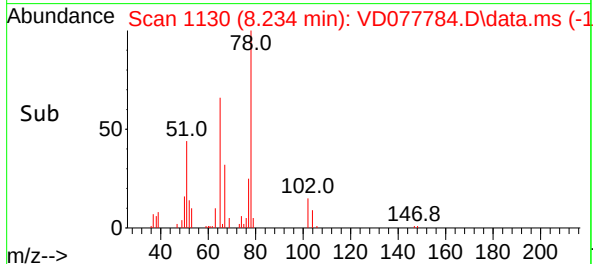
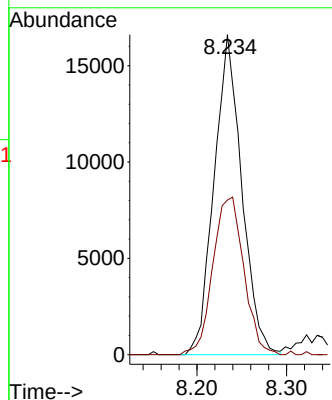
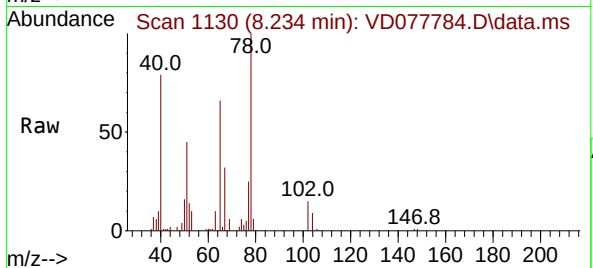
67 55.0 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

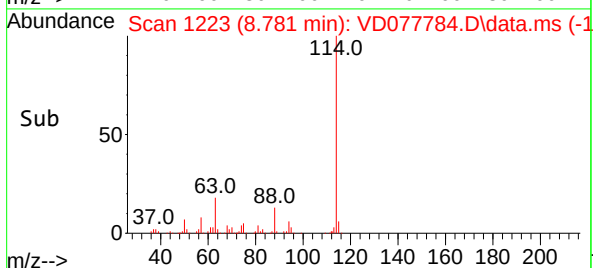
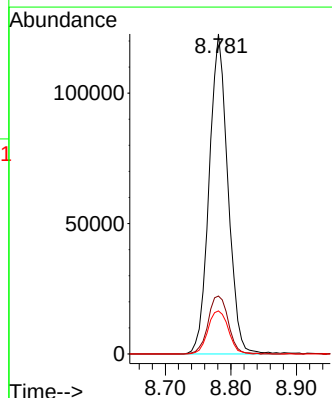
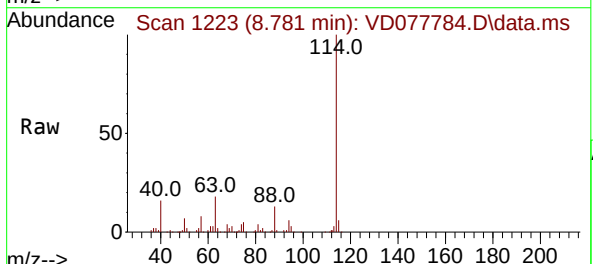
Tgt Ion:114 Resp: 243362

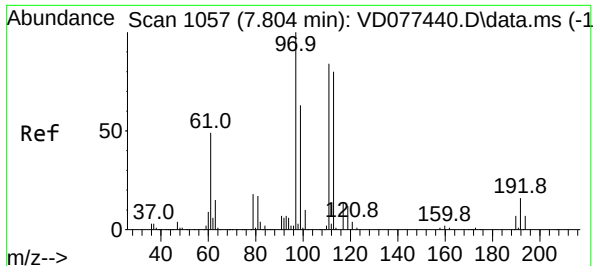
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 20.781 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

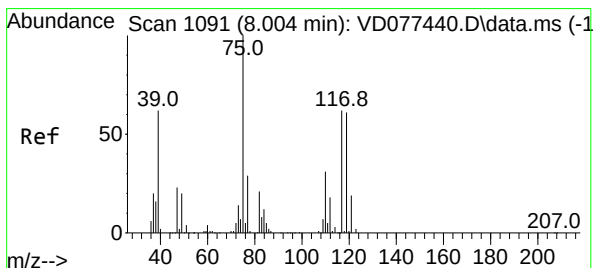
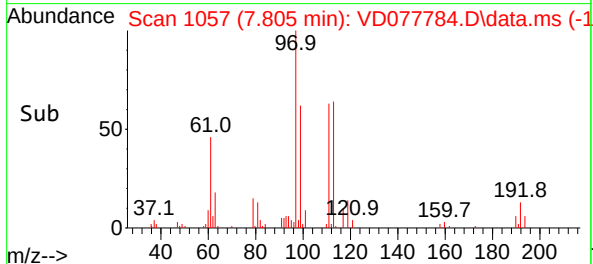
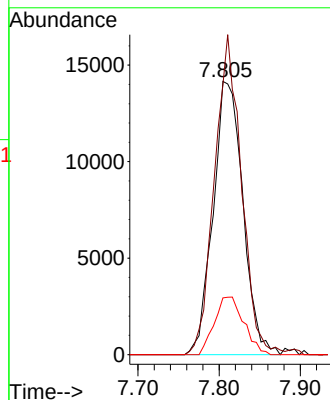
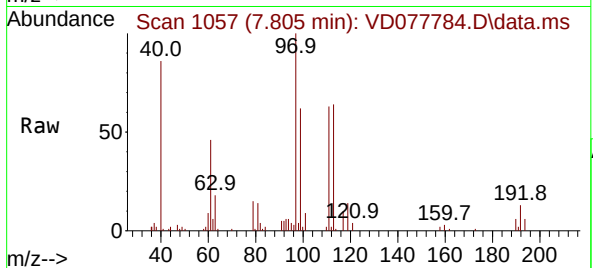
VSTDICC020

Tgt Ion:	113	Resp:	36110
Ion Ratio	Lower	Upper	
113	100		
111	106.1	84.7	127.1
192	20.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#36

1,1-Dichloropropene

Concen: 20.323 ug/l

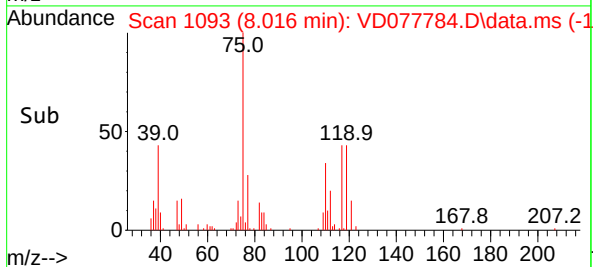
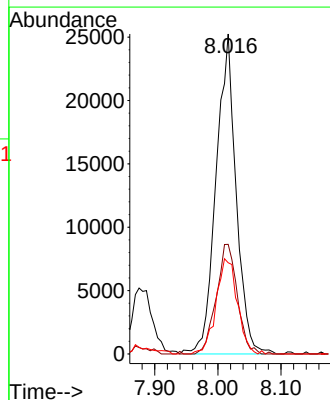
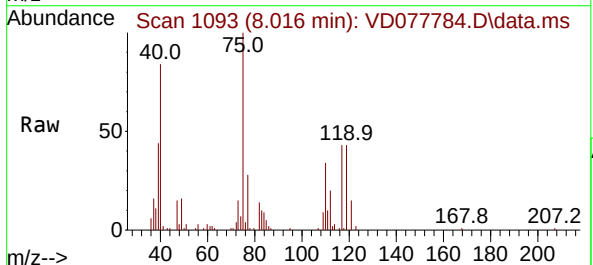
RT: 8.016 min Scan# 1093

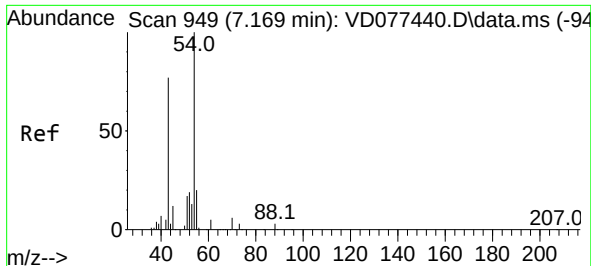
Delta R.T. 0.012 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Tgt Ion:	75	Resp:	55806
Ion Ratio	Lower	Upper	
75	100		
110	35.8	19.9	59.6
77	31.5	24.7	37.1





#37

Ethyl Acetate

Concen: 21.217 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

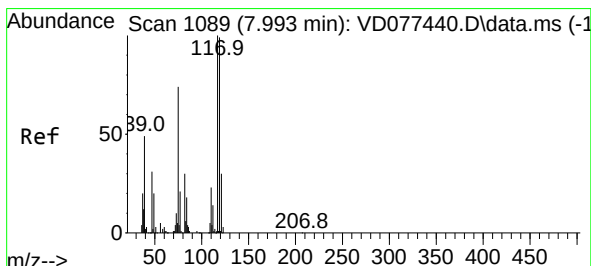
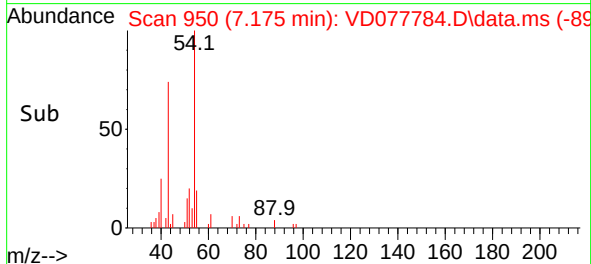
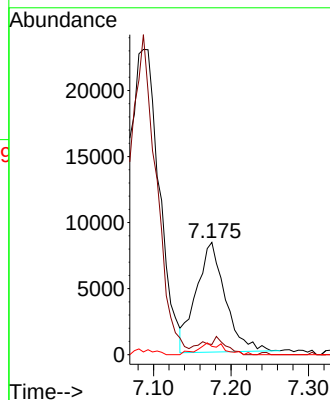
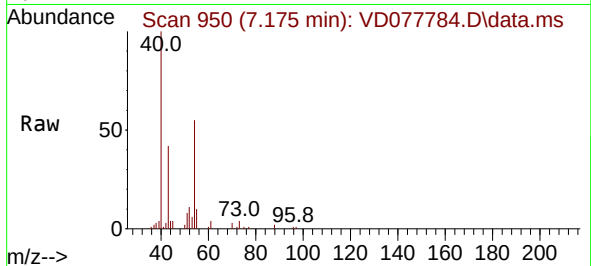
VSTDICC020

Tgt Ion: 43	Resp: 2165
Ion Ratio	Lower Upper
43 100	
61 13.1	14.9 22.3
70 9.4	10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#38

Carbon Tetrachloride

Concen: 20.272 ug/l

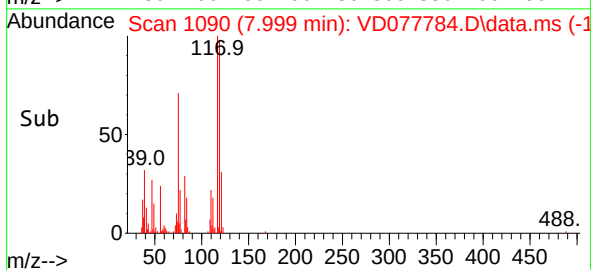
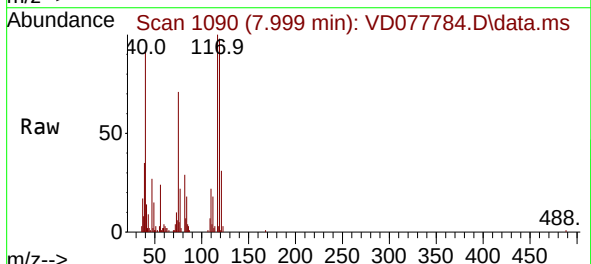
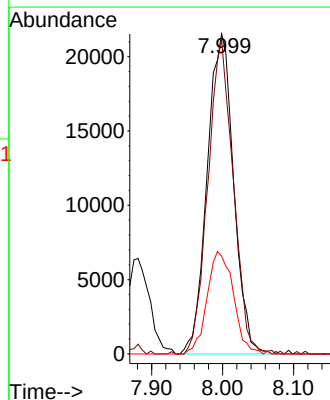
RT: 7.999 min Scan# 1090

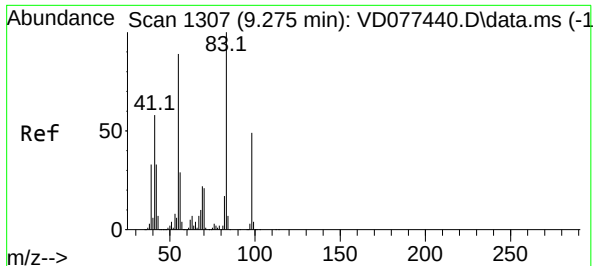
Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Tgt Ion: 117	Resp: 55843
Ion Ratio	Lower Upper
117 100	
119 98.1	78.0 117.0
121 30.5	24.2 36.2





#39

Methylcyclohexane

Concen: 20.330 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

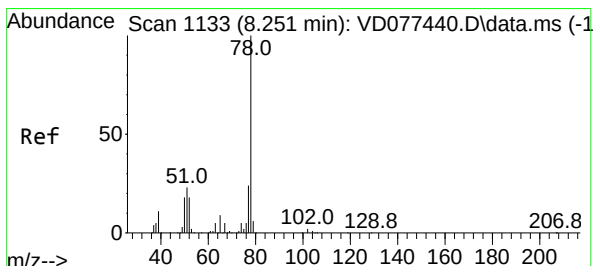
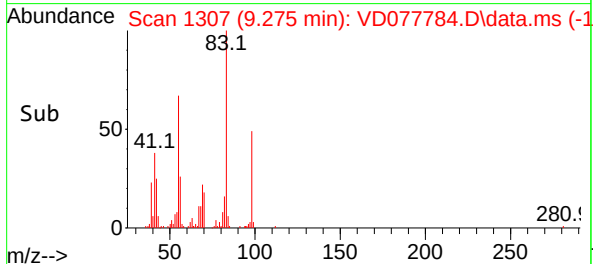
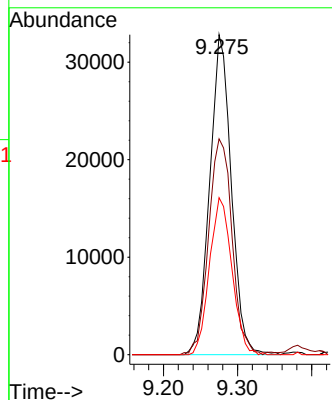
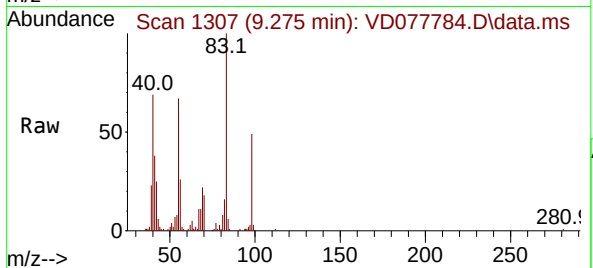
Tgt Ion: 83 Resp: 66384

Ion	Ratio	Lower	Upper
83	100		
55	67.4	49.4	74.0
98	49.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#40

Benzene

Concen: 20.198 ug/l

RT: 8.252 min Scan# 1133

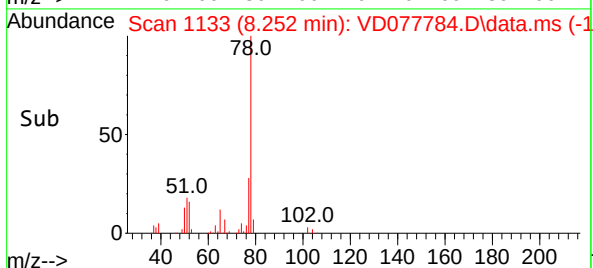
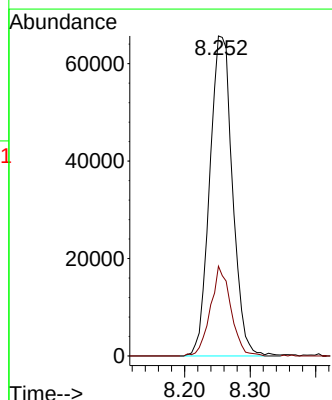
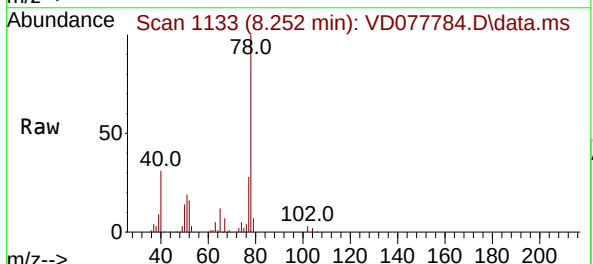
Delta R.T. 0.001 min

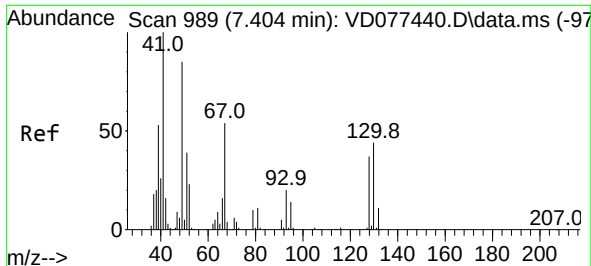
Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Tgt Ion: 78 Resp: 158196

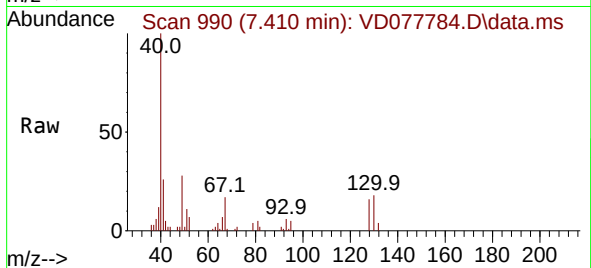
Ion	Ratio	Lower	Upper
78	100		
77	28.0	19.4	29.0





#41
Methacrylonitrile
Concen: 24.275 ug/l
RT: 7.410 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

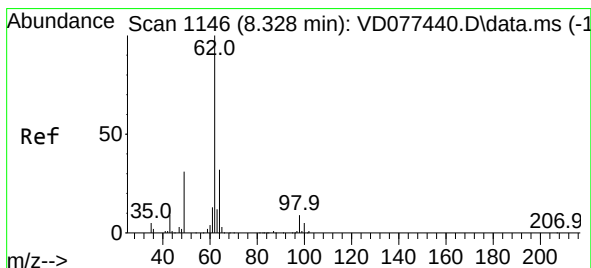
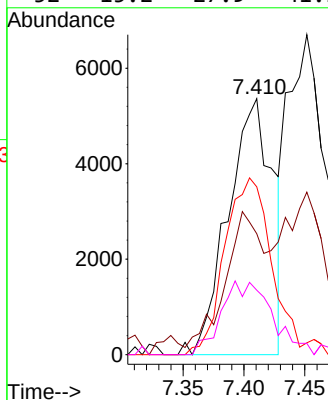
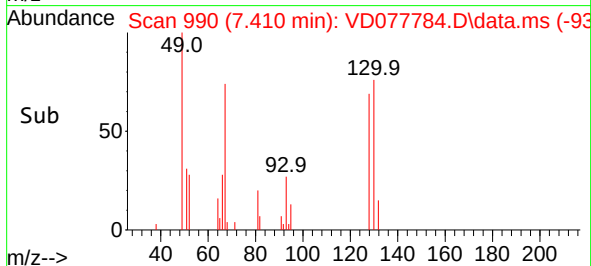
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1359
Ion Ratio Lower Upper
41 100
39 42.2 34.0 51.0
67 74.3 77.0 115.4
52 15.2 27.9 41.9#

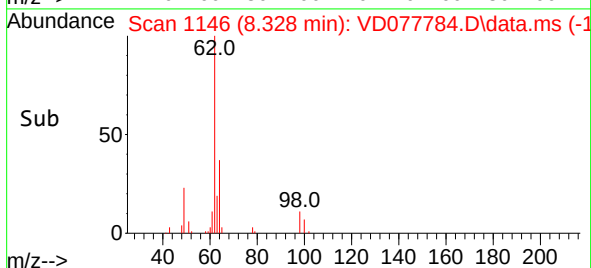
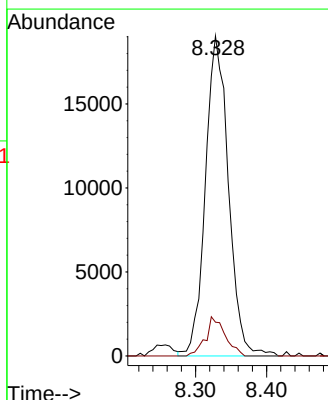
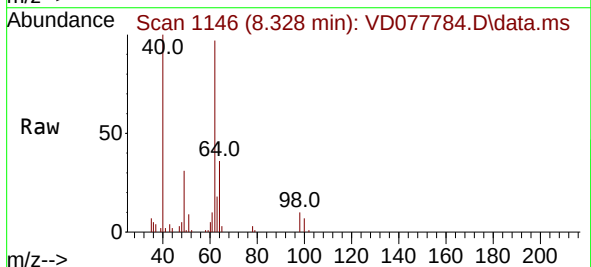
Manual Integrations
APPROVED

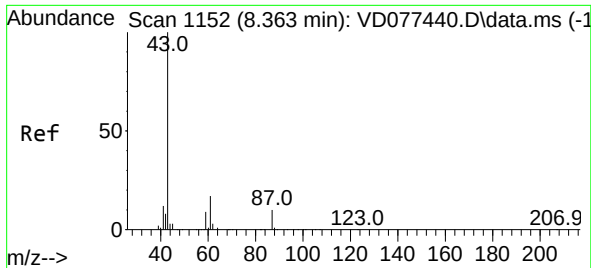
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#42
1,2-Dichloroethane
Concen: 21.097 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

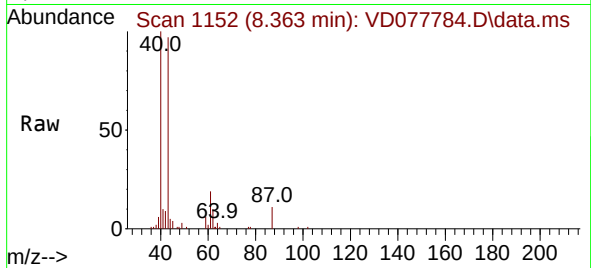
Tgt Ion: 62 Resp: 42915
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 20.510 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

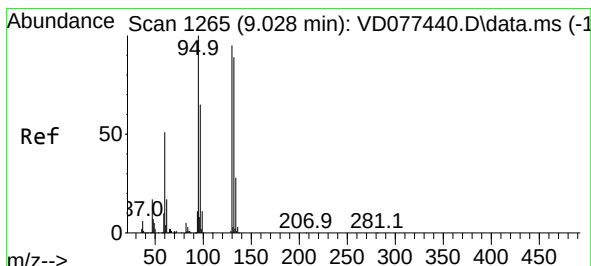
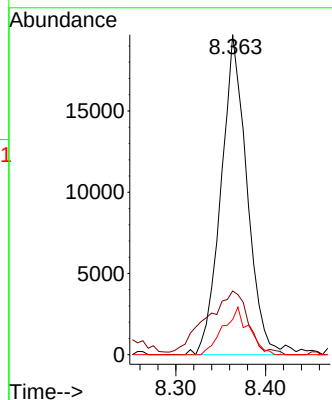
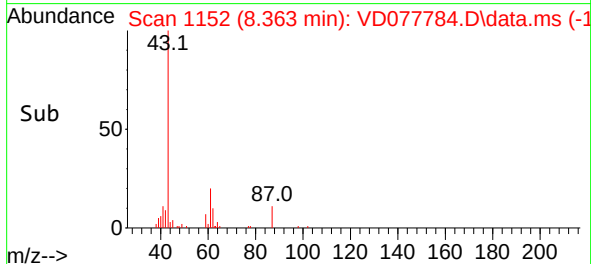
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 3934
Ion Ratio Lower Upper
43 100
61 32.3 31.4 47.0
87 14.8 14.9 22.3

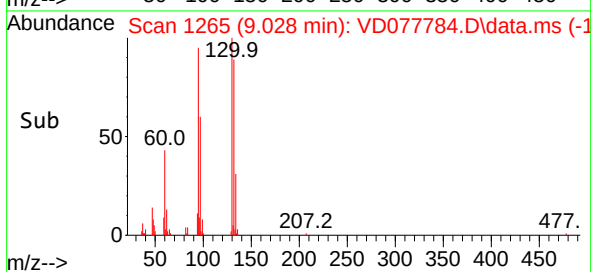
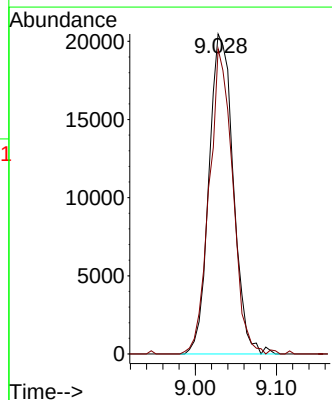
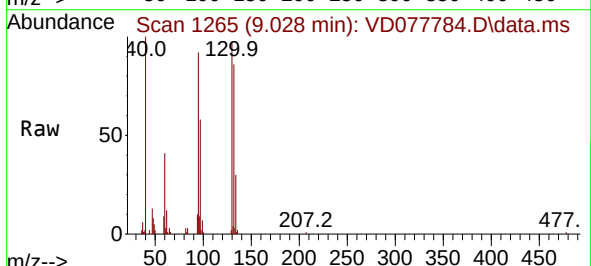
Manual Integrations
APPROVED

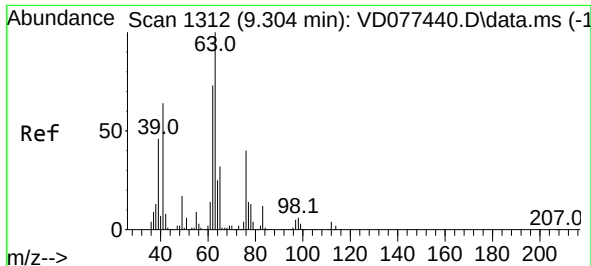
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#44
Trichloroethene
Concen: 20.790 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion:130 Resp: 42522
Ion Ratio Lower Upper
130 100
95 95.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.512 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 4131

Ion Ratio Lower Upper

63 100

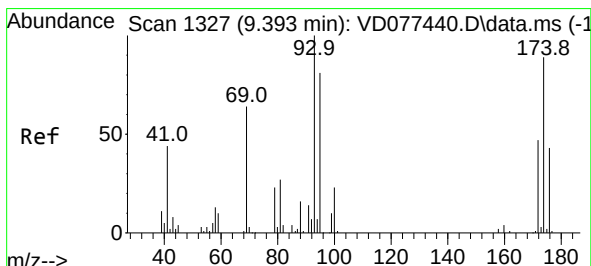
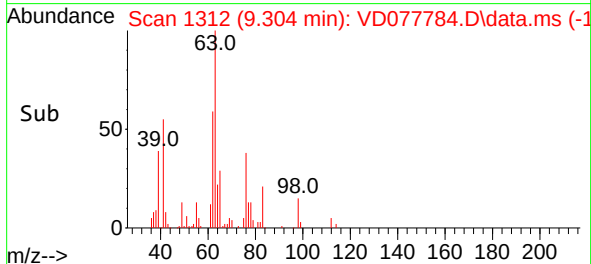
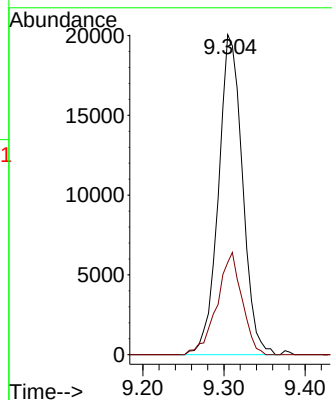
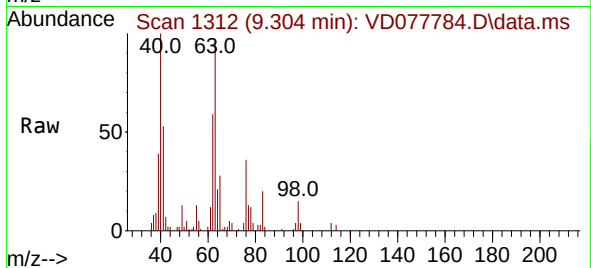
65 28.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#46

Dibromomethane

Concen: 20.136 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

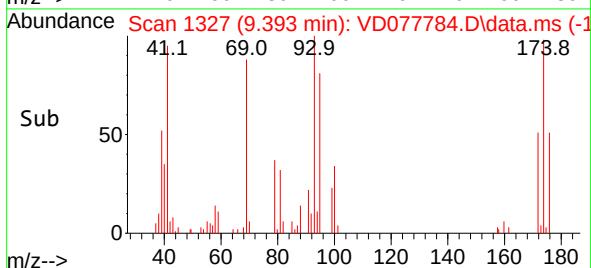
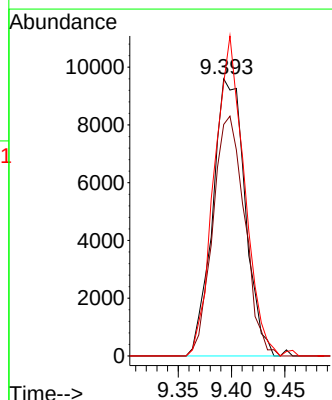
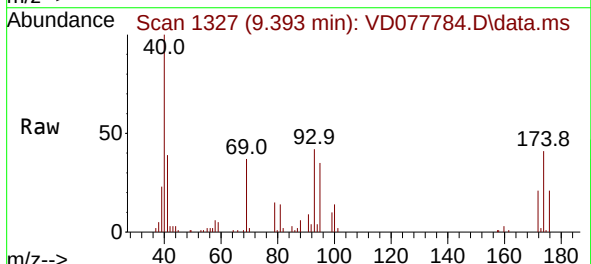
Tgt Ion: 93 Resp: 20312

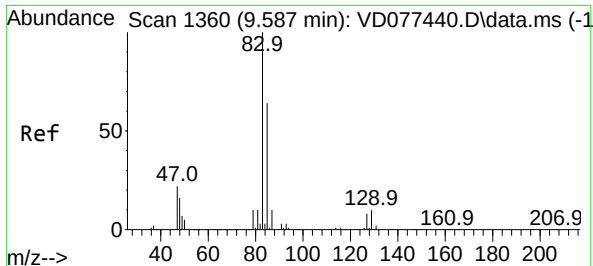
Ion Ratio Lower Upper

93 100

95 85.0 67.7 101.5

174 106.8 85.4 128.2





#47

Bromodichloromethane

Concen: 20.482 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

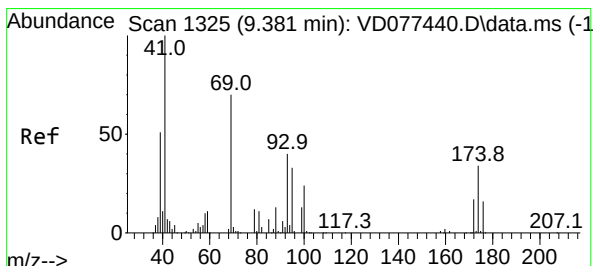
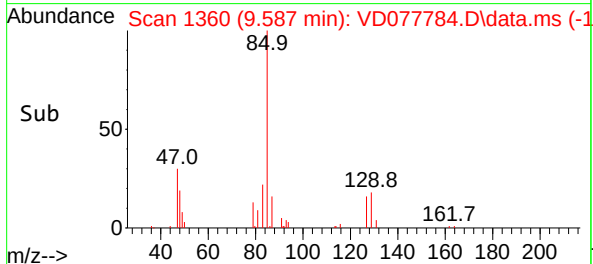
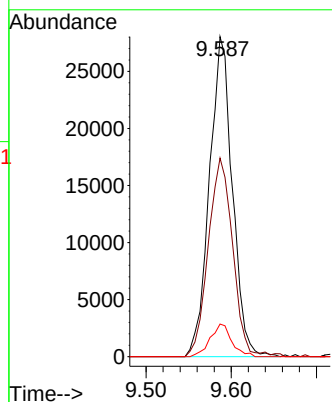
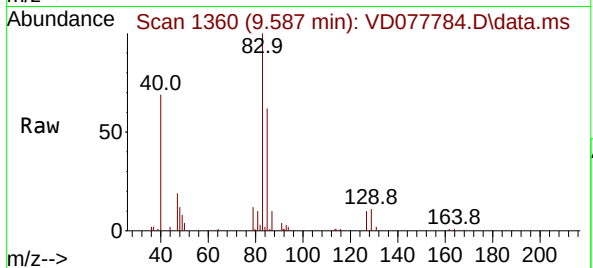
VSTDICC020

Tgt Ion:	83	Resp:	5245
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.2	75.4
127	10.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#48

Methyl methacrylate

Concen: 20.512 ug/l

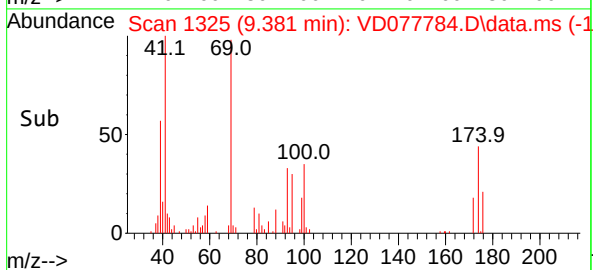
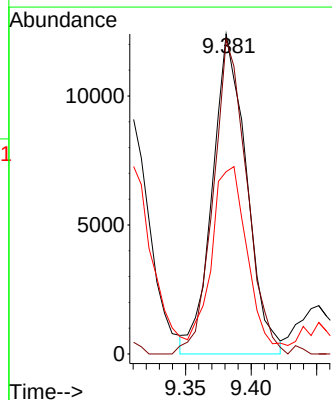
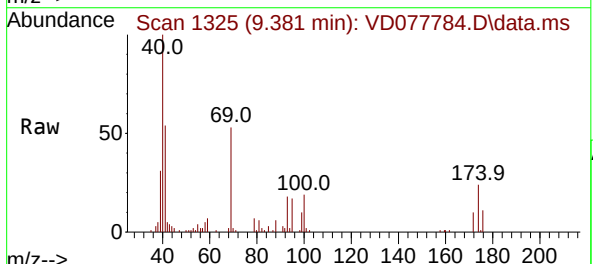
RT: 9.381 min Scan# 1325

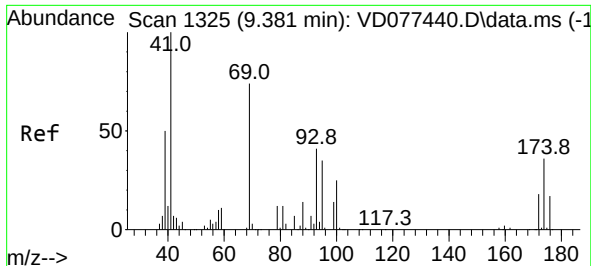
Delta R.T. -0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Tgt Ion:	41	Resp:	22462
Ion	Ratio	Lower	Upper
41	100		
69	96.1	102.2	153.2
39	59.6	41.4	62.2





#49

1,4-Dioxane

Concen: 381.987 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 3862

Ion Ratio Lower Upper

88 100

43 49.2 19.0 28.6

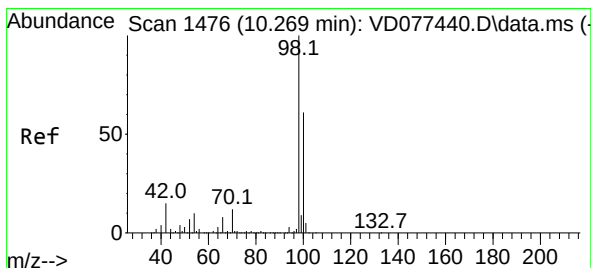
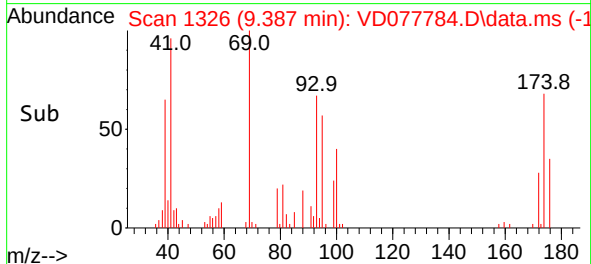
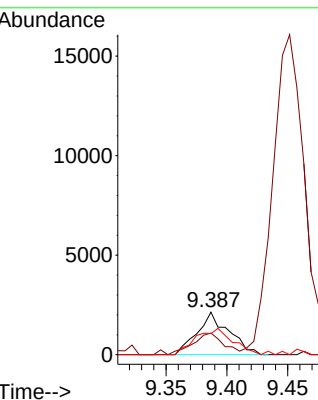
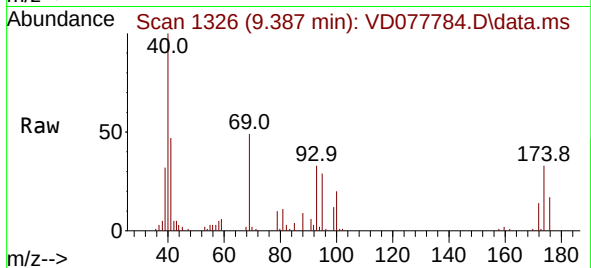
58 72.1 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#50

Toluene-d8

Concen: 20.660 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD077784.D

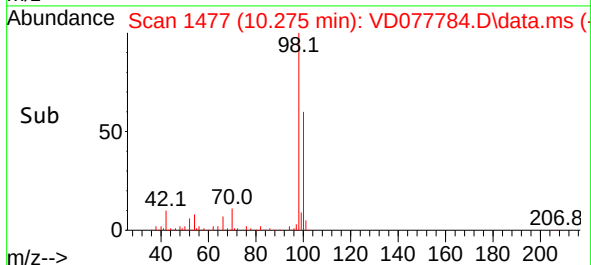
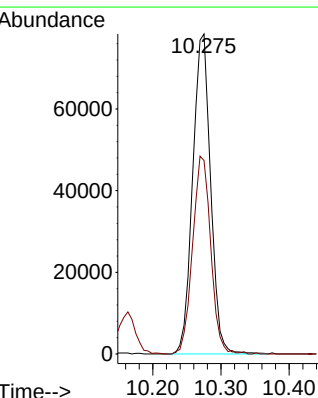
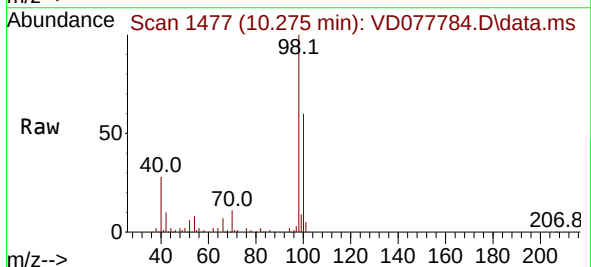
Acq: 08 Dec 2023 10:35

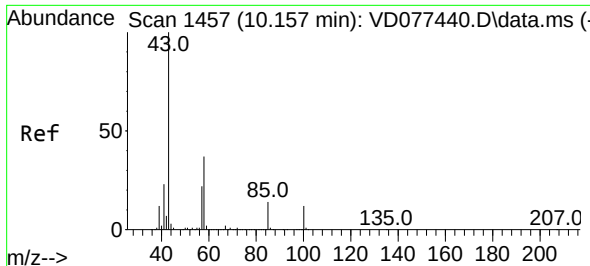
Tgt Ion: 98 Resp: 143131

Ion Ratio Lower Upper

98 100

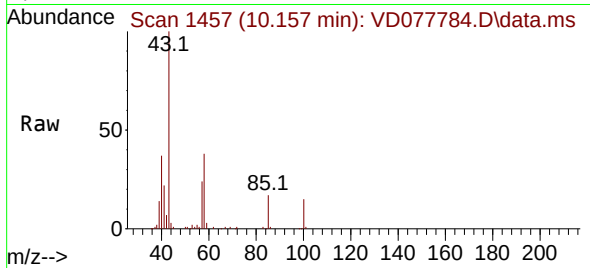
100 62.8 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 108.055 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

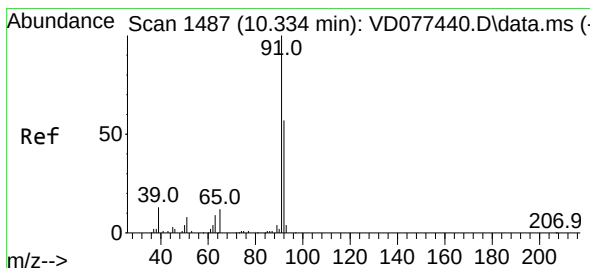
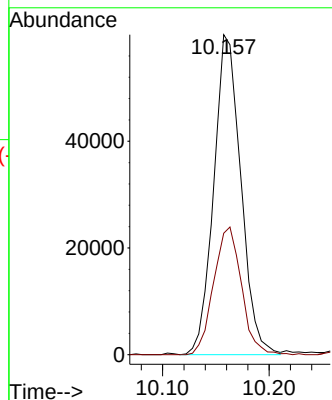
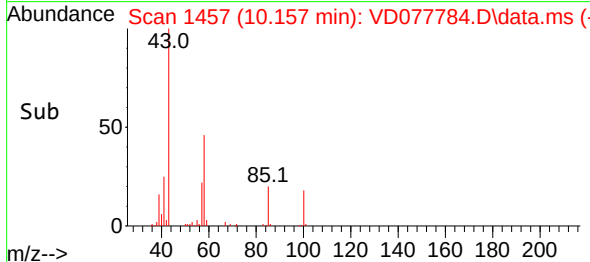
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 106118
Ion Ratio Lower Upper
43 100
58 40.8 38.9 58.3

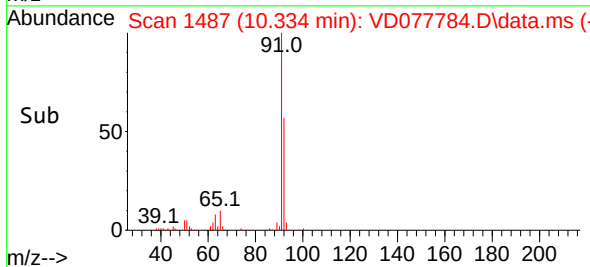
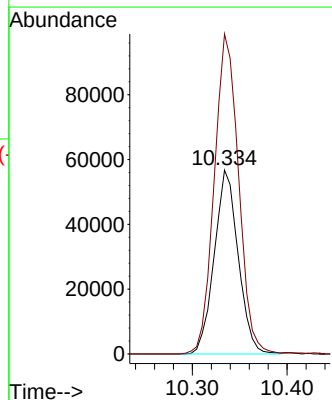
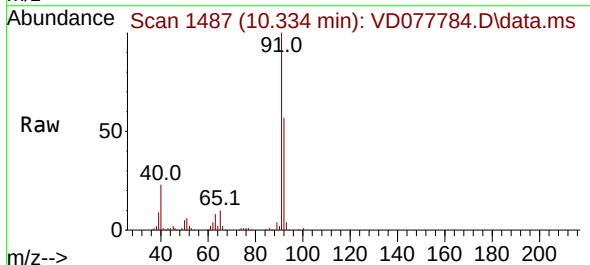
Manual Integrations
APPROVED

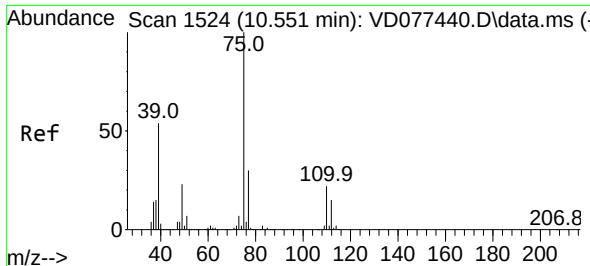
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#52
Toluene
Concen: 20.468 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

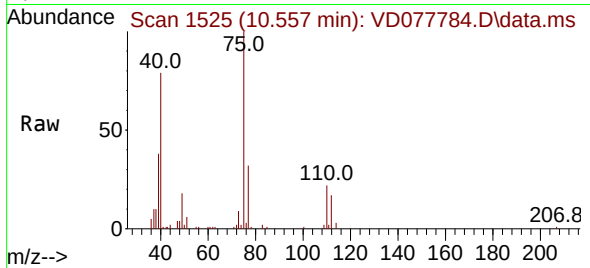
Tgt Ion: 92 Resp: 99526
Ion Ratio Lower Upper
92 100
91 176.9 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 20.735 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

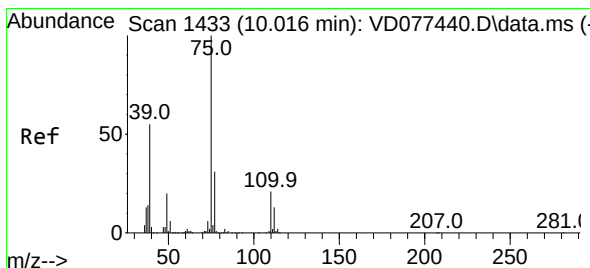
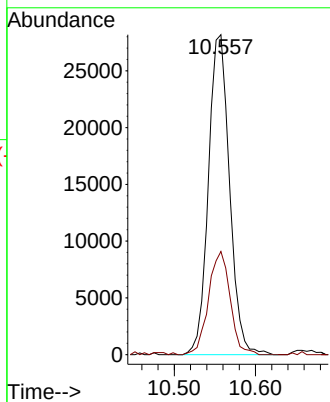
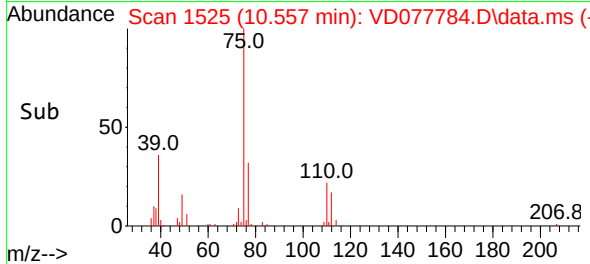
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 50949
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

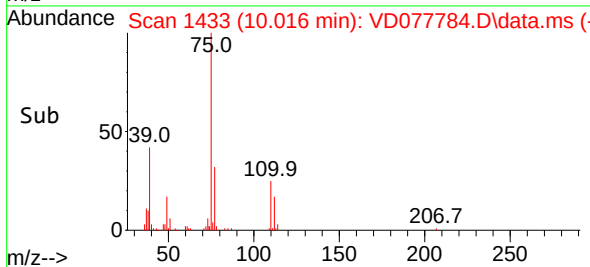
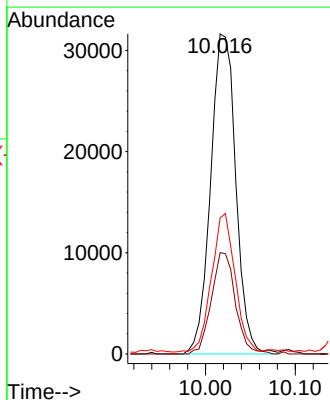
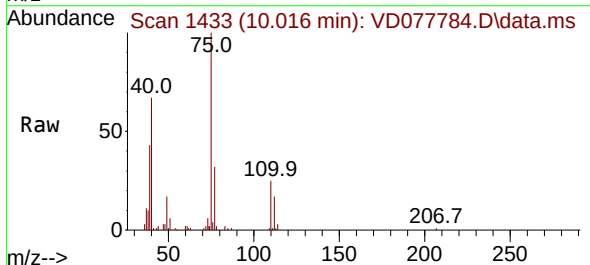
Manual Integrations
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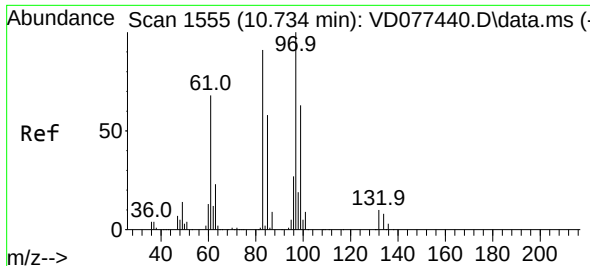
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#54
cis-1,3-Dichloropropene
Concen: 20.774 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

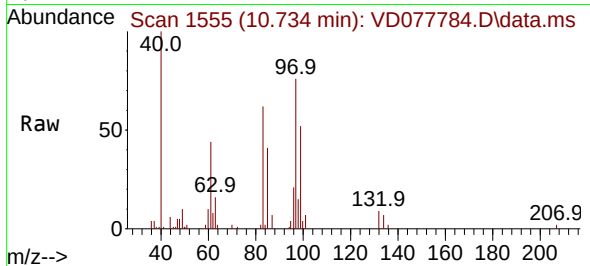
Tgt Ion: 75 Resp: 61758
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 41.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.806 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

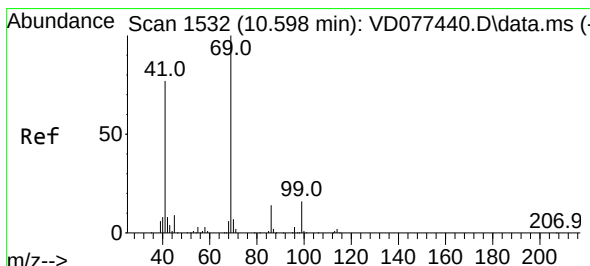
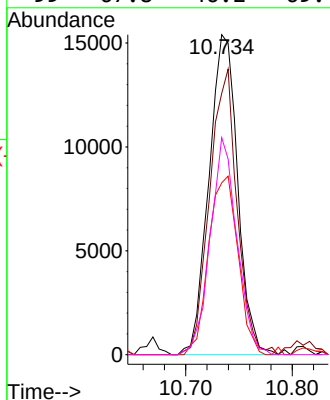
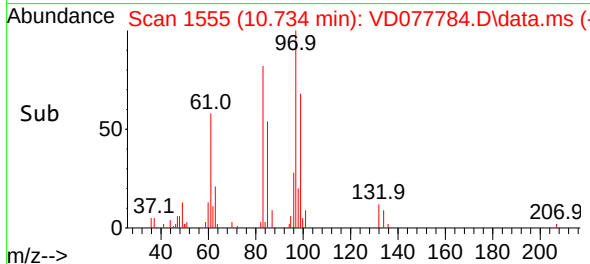
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.8	98.6
85	53.7	45.7	68.5
99	67.8	46.2	69.4

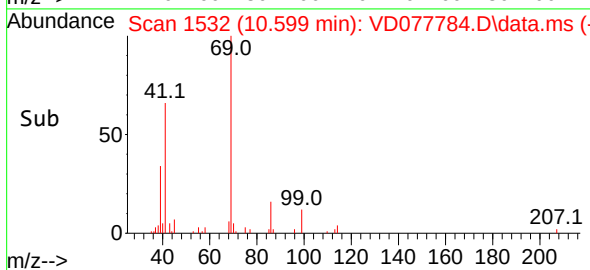
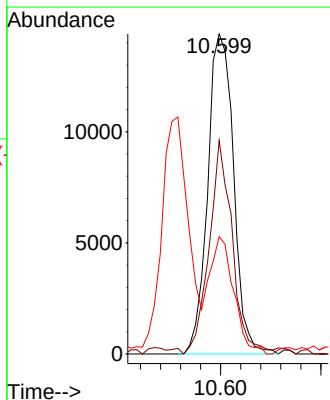
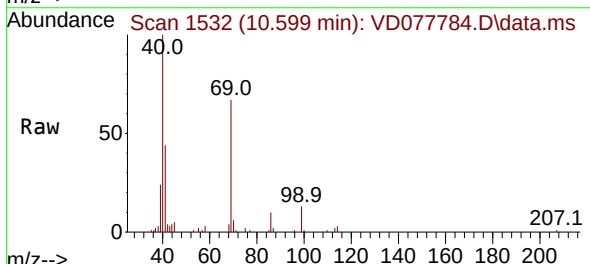
Manual Integrations
APPROVED

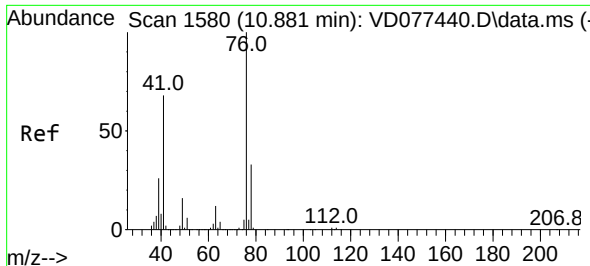
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#56
Ethyl methacrylate
Concen: 21.150 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.4	39.1	58.7#
39	34.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.781 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 49550

Ion Ratio Lower Upper

76 100

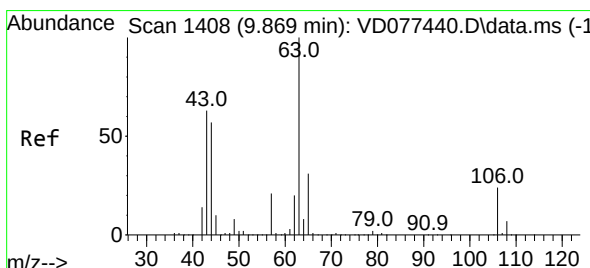
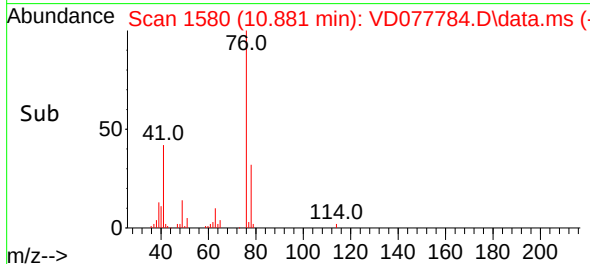
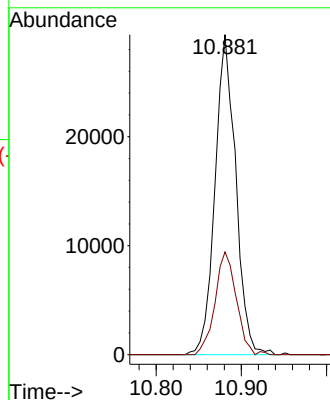
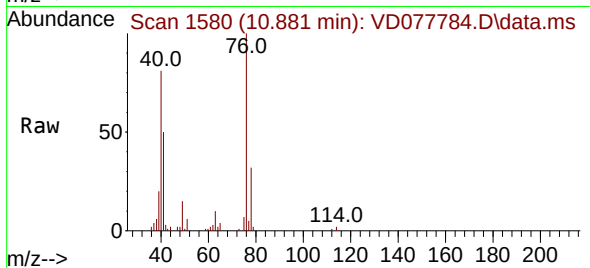
78 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.088 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077784.D

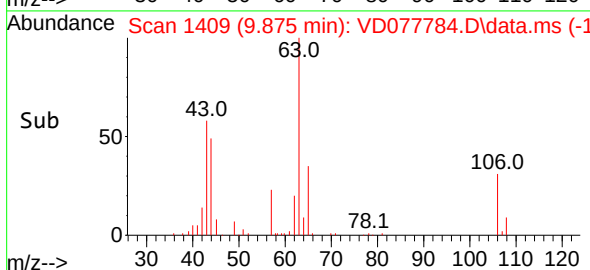
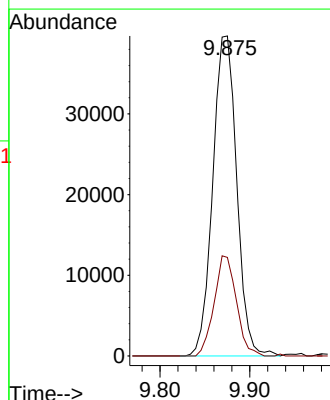
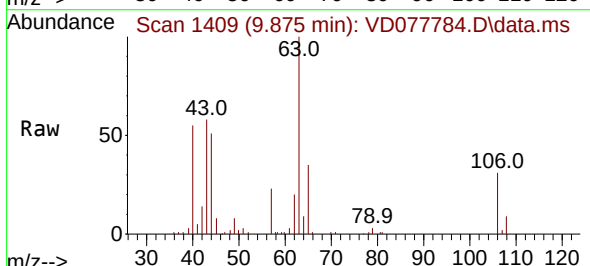
Acq: 08 Dec 2023 10:35

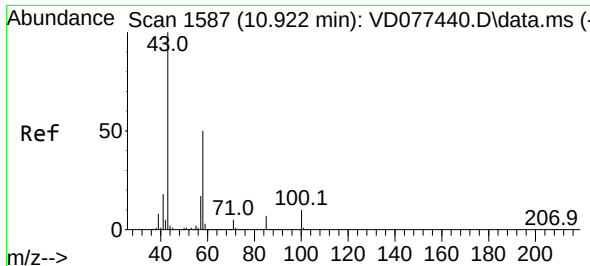
Tgt Ion: 63 Resp: 73535

Ion Ratio Lower Upper

63 100

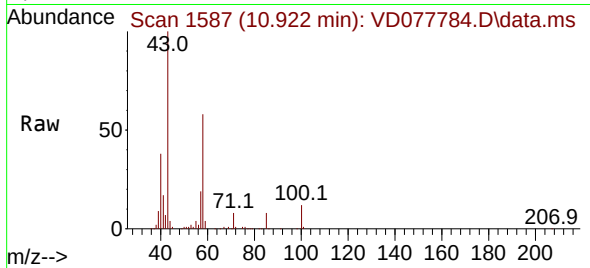
106 29.0 25.3 37.9





#59
2-Hexanone
Concen: 126.733 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

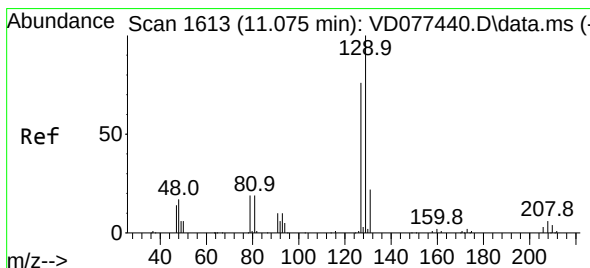
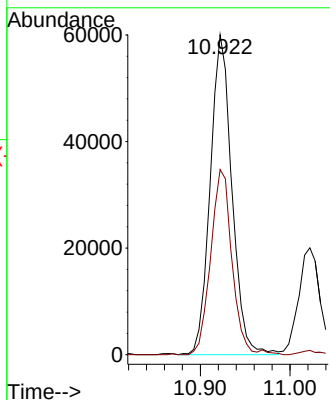
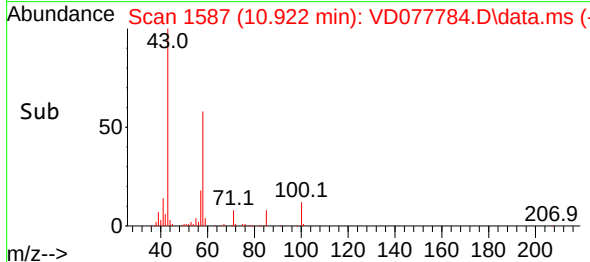
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 100640
Ion Ratio Lower Upper
43 100
58 56.2 34.1 102.2

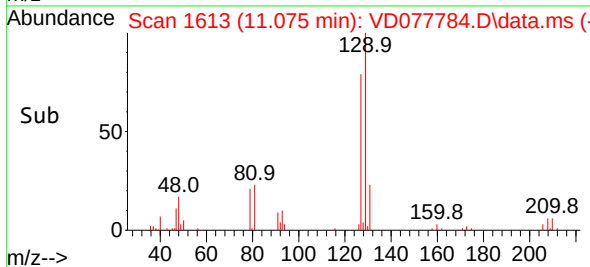
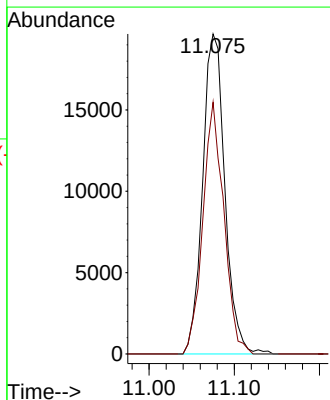
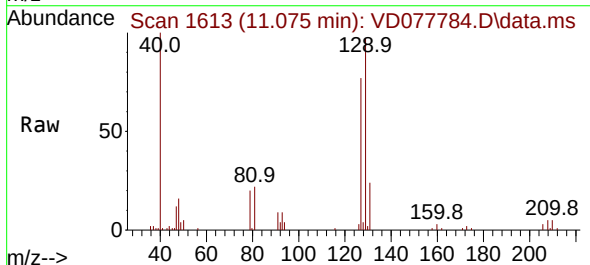
Manual Integrations
APPROVED

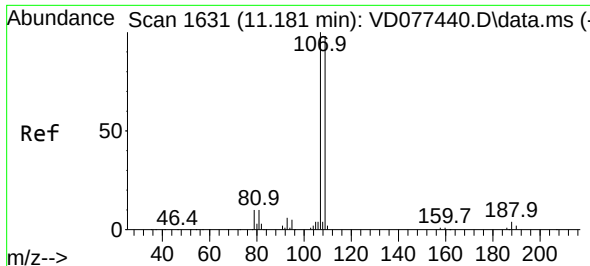
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#60
Dibromochloromethane
Concen: 21.246 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion:129 Resp: 35652
Ion Ratio Lower Upper
129 100
127 74.3 37.1 111.5





#61
1,2-Dibromoethane
Concen: 21.513 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

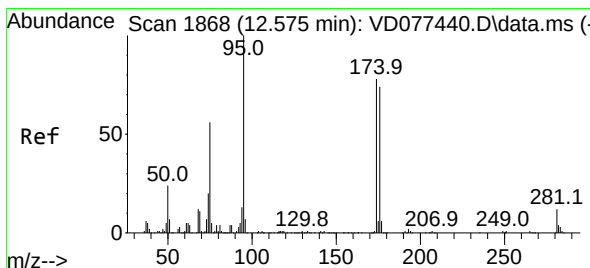
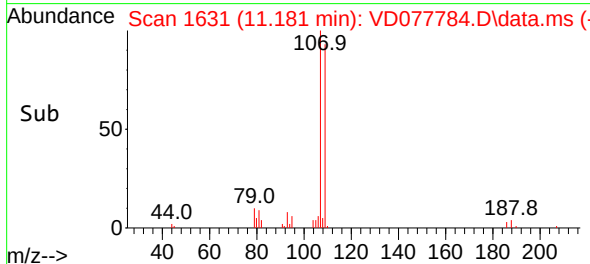
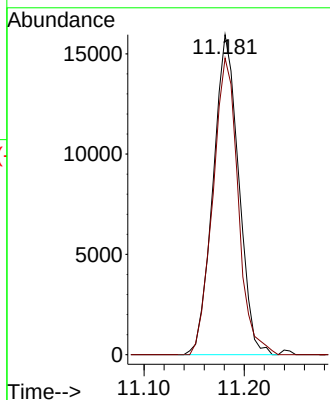
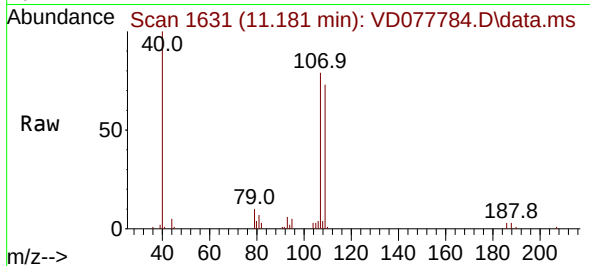
VSTDICC020

Tgt Ion:107 Resp: 2825
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4

Manual Integrations

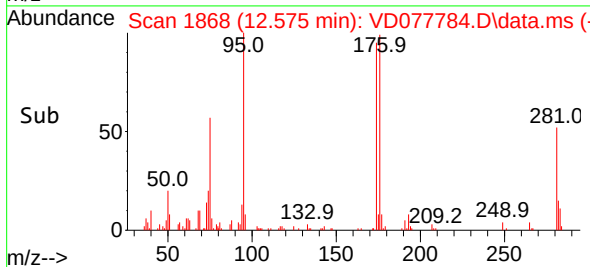
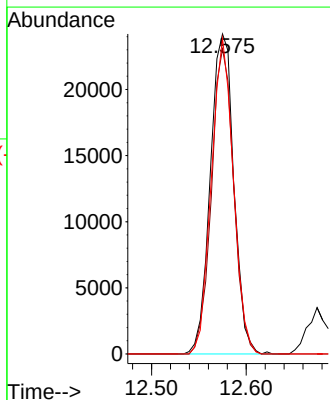
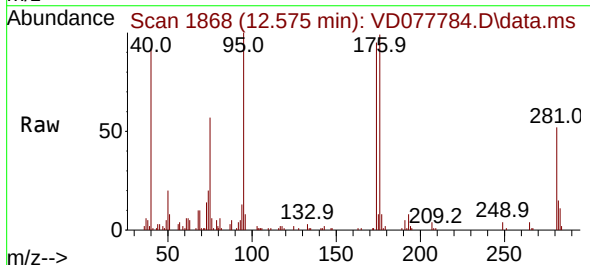
APPROVED

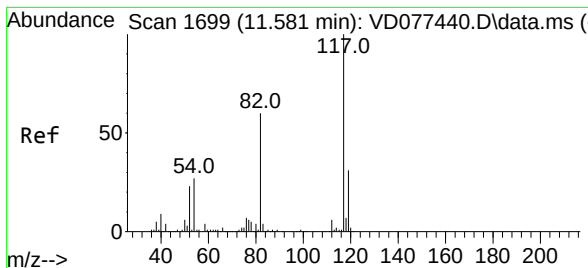
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#62
4-Bromofluorobenzene
Concen: 20.215 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion: 95 Resp: 41756
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 92.3 0.0 191.8





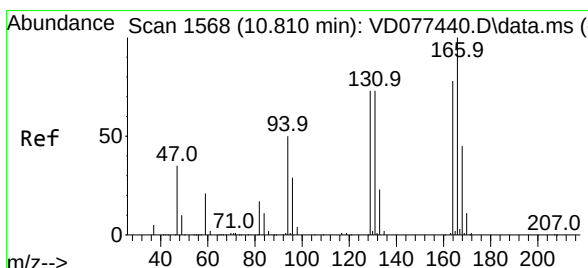
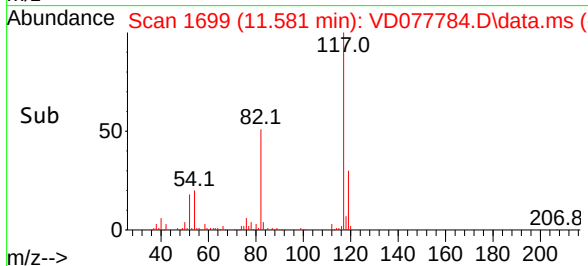
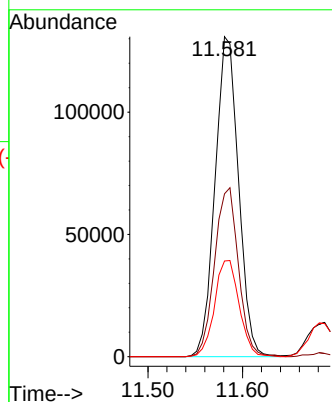
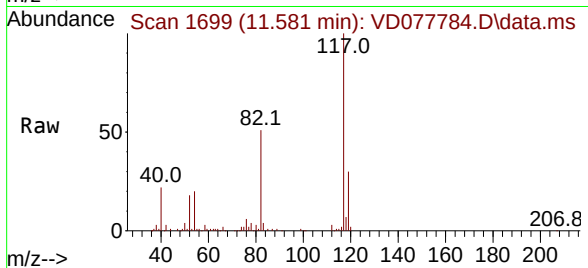
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 22565
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 29.9 25.0 37.4

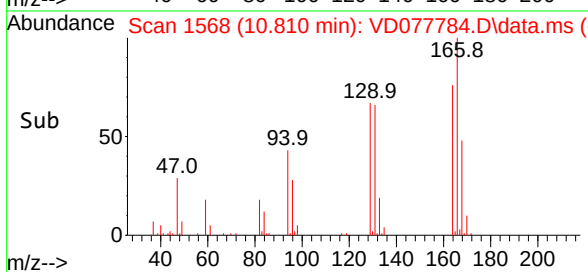
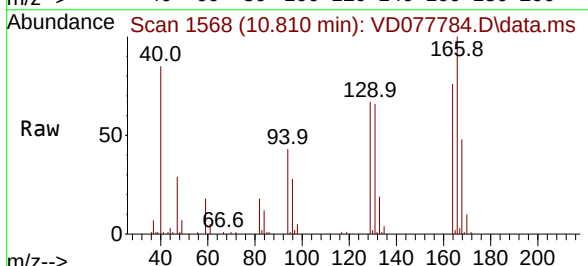
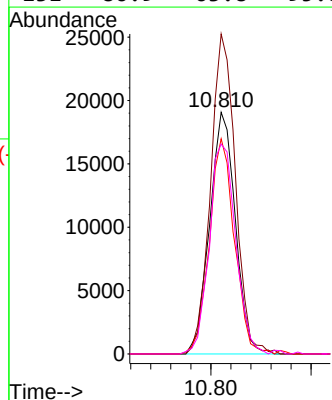
Manual Integrations
APPROVED

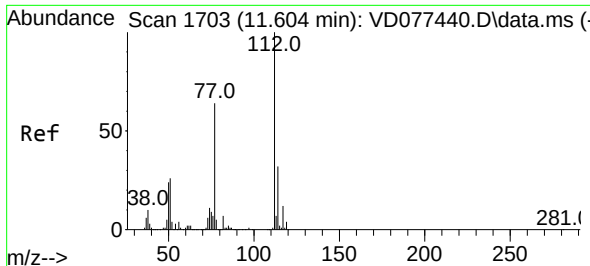
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#64
Tetrachloroethene
Concen: 20.286 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

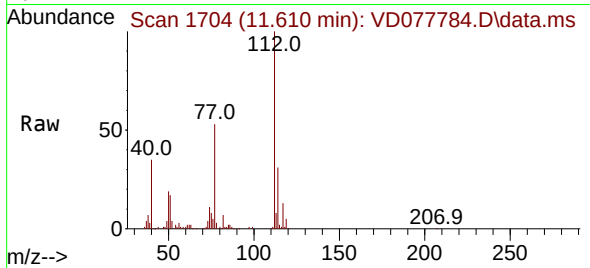
Tgt Ion:164 Resp: 33977
Ion Ratio Lower Upper
164 100
166 132.4 99.2 148.8
129 89.1 68.4 102.6
131 86.9 63.8 95.8





#65
Chlorobenzene
Concen: 19.536 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

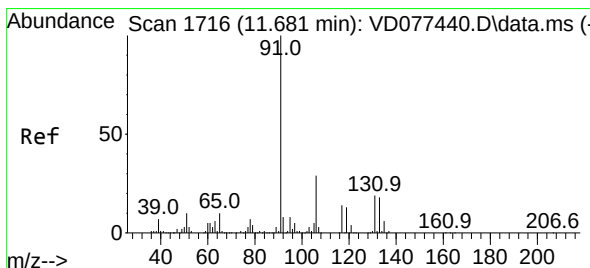
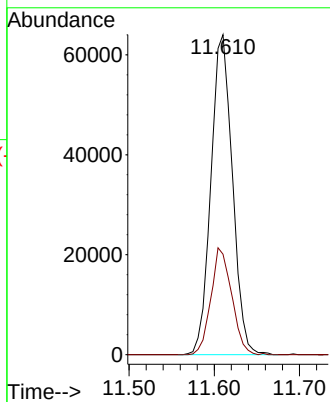
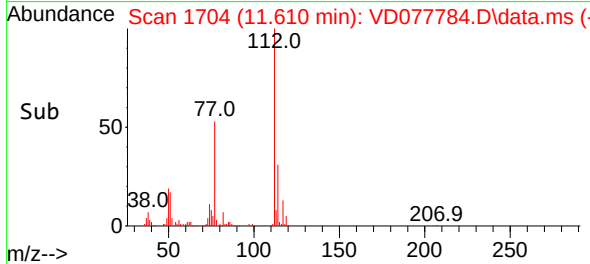
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 112150
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

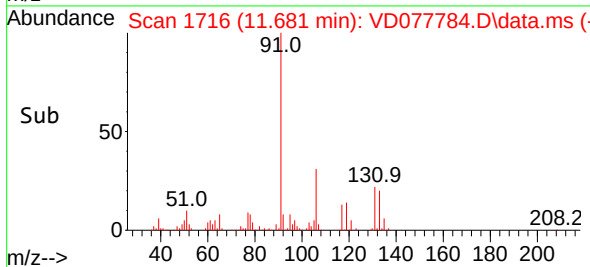
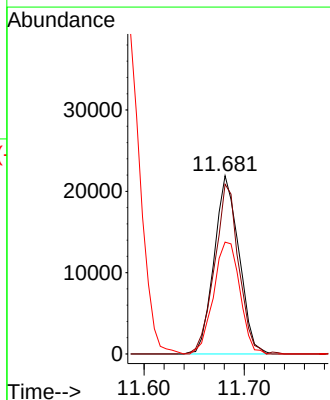
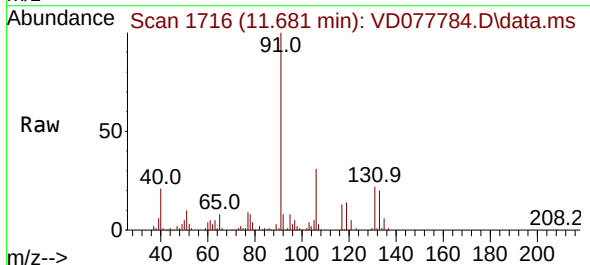
Manual Integrations
APPROVED

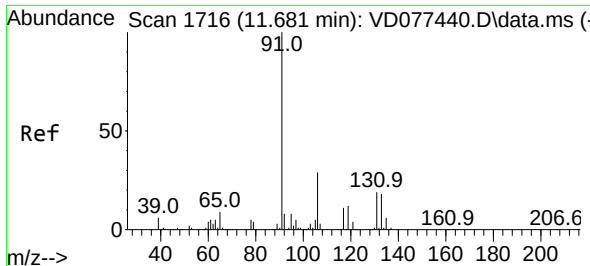
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.817 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion:131 Resp: 37673
Ion Ratio Lower Upper
131 100
133 92.6 48.5 145.5
119 66.5 35.6 106.9





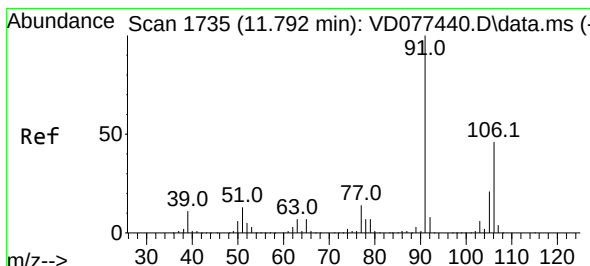
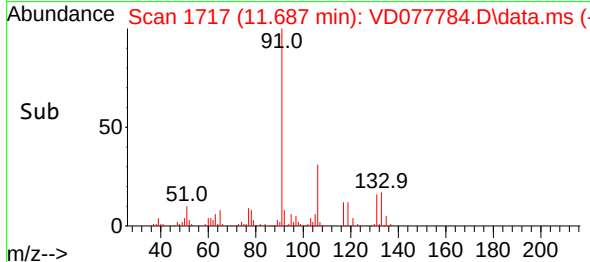
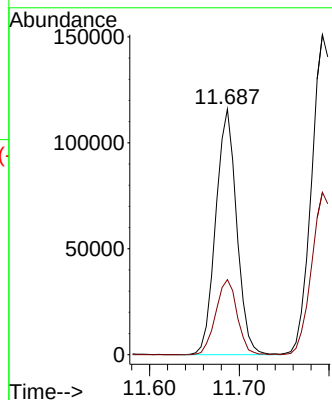
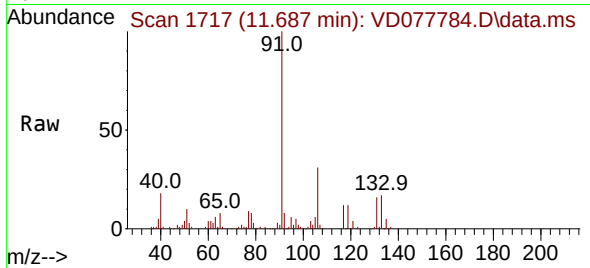
#67
Ethyl Benzene
Concen: 19.844 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 18764
Ion Ratio Lower Upper
91 100
106 30.6 26.5 39.7

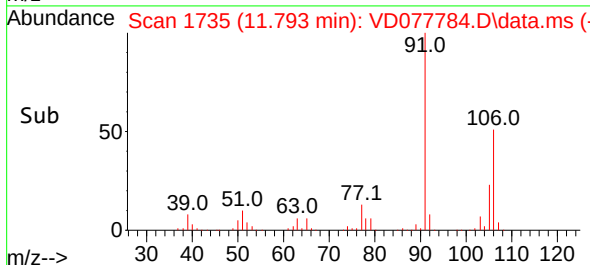
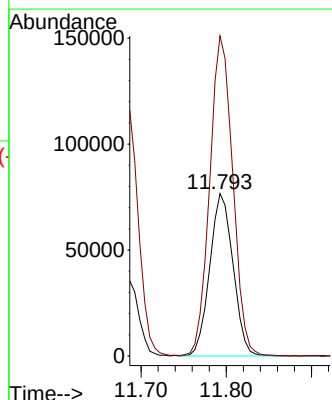
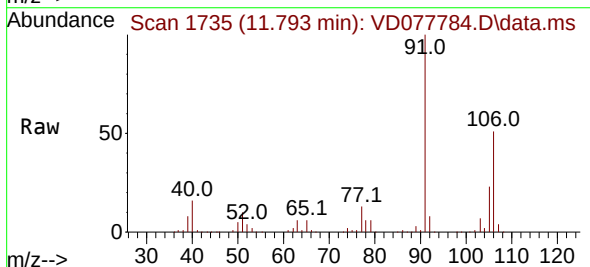
Manual Integrations
APPROVED

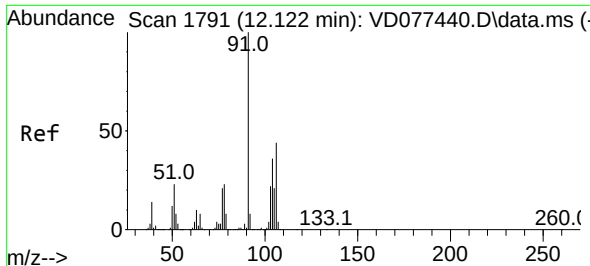
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#68
m/p-Xylenes
Concen: 40.061 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion:106 Resp: 145365
Ion Ratio Lower Upper
106 100
91 196.0 147.0 220.6





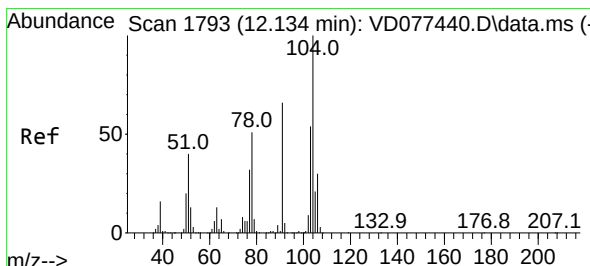
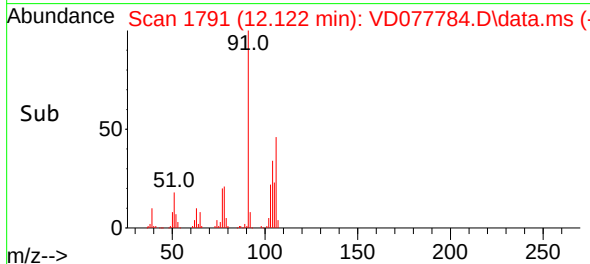
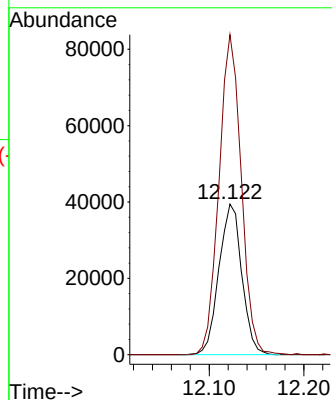
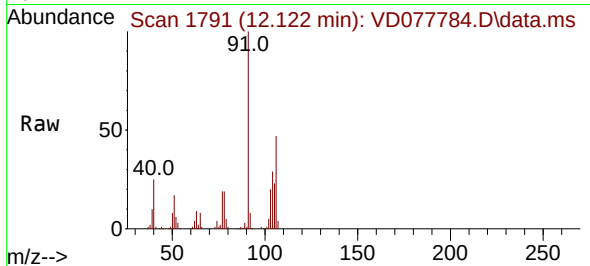
#69
o-Xylene
Concen: 19.793 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 66250
Ion Ratio Lower Upper
106 100
91 207.1 97.9 293.6

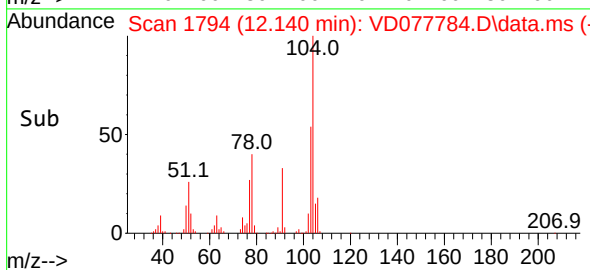
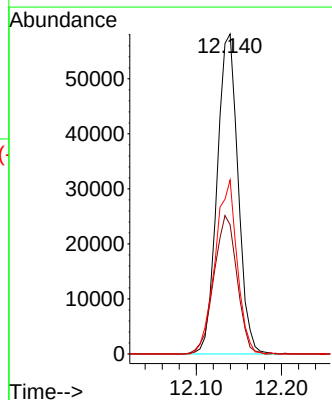
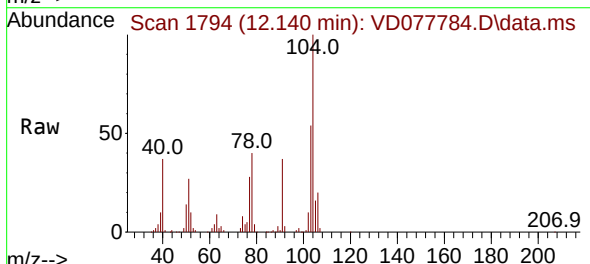
Manual Integrations
APPROVED

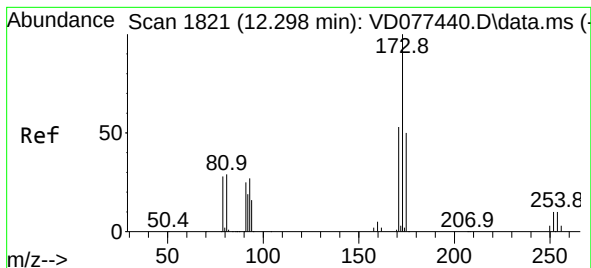
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#70
Styrene
Concen: 20.010 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion:104 Resp: 99283
Ion Ratio Lower Upper
104 100
78 47.8 33.2 49.8
103 57.0 43.6 65.4





#71

Bromoform

Concen: 20.492 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

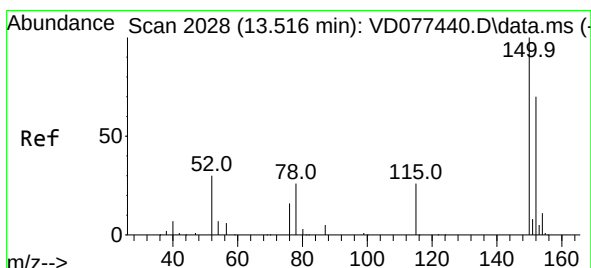
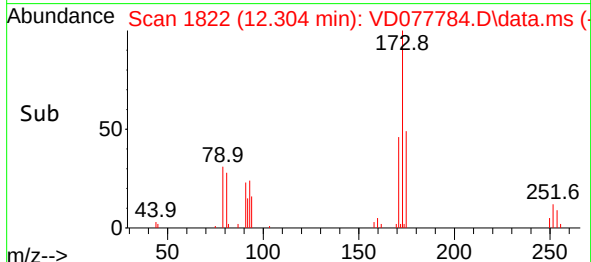
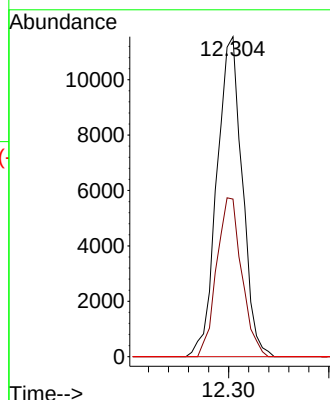
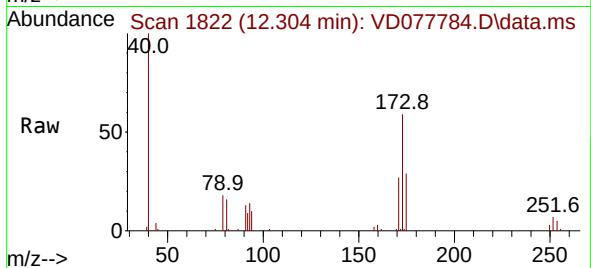
VSTDICC020

Tgt Ion:173 Resp: 20297
 Ion Ratio Lower Upper
 173 100
 175 49.1 24.6 73.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

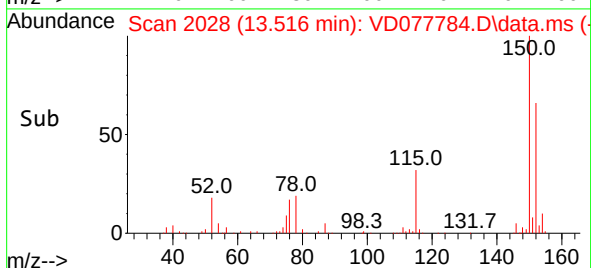
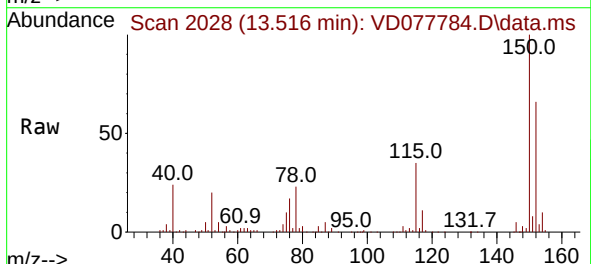
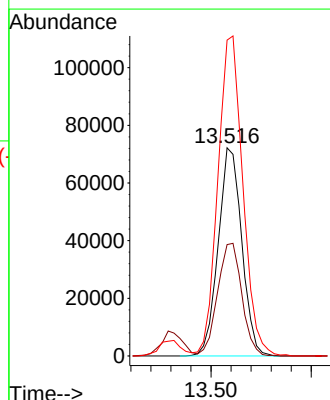
RT: 13.516 min Scan# 2028

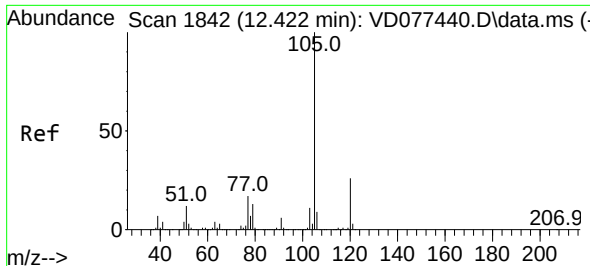
Delta R.T. 0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

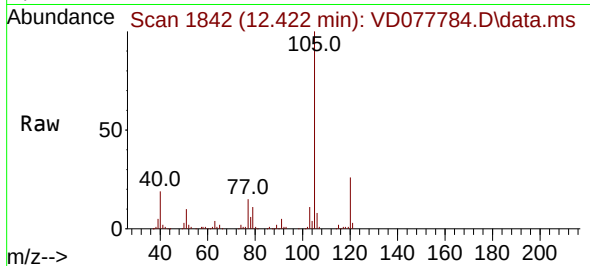
Tgt Ion:152 Resp: 117598
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.3
 150 163.1 0.0 353.6





#73
Isopropylbenzene
Concen: 19.963 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

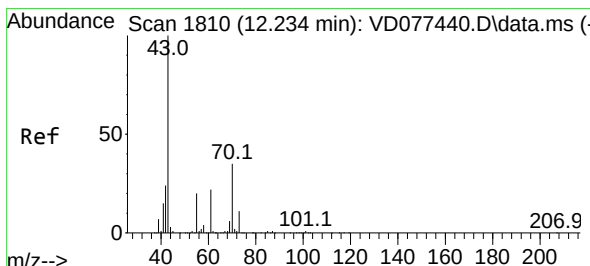
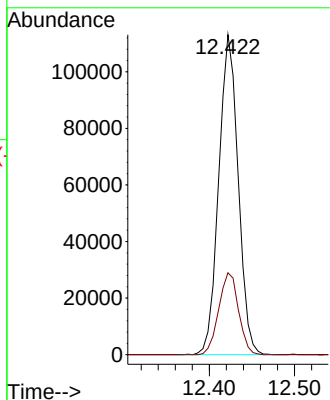
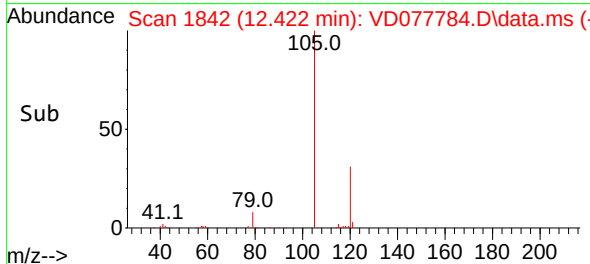
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 179224
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9

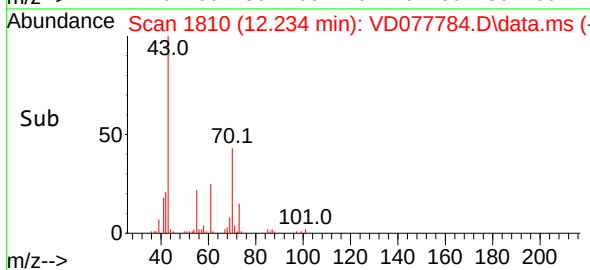
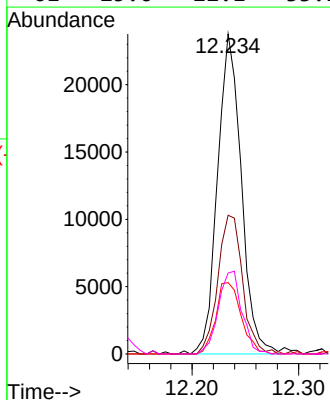
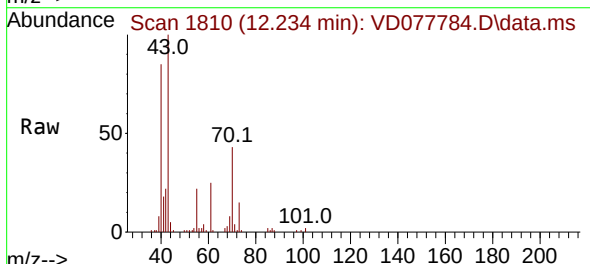
Manual Integrations
APPROVED

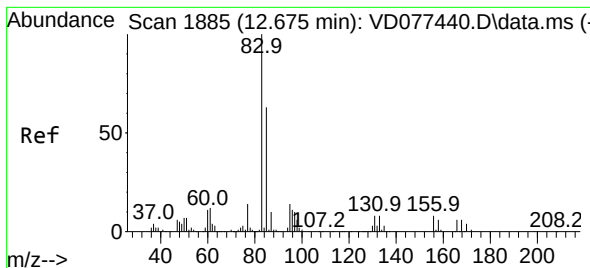
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#74
N-ethyl acetate
Concen: 20.778 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion: 43 Resp: 36792
Ion Ratio Lower Upper
43 100
70 45.0 45.0 67.4
55 24.0 23.8 35.6
61 25.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.363 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

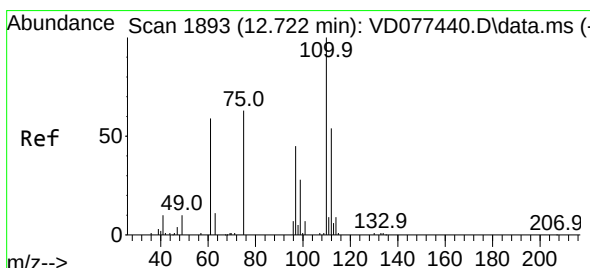
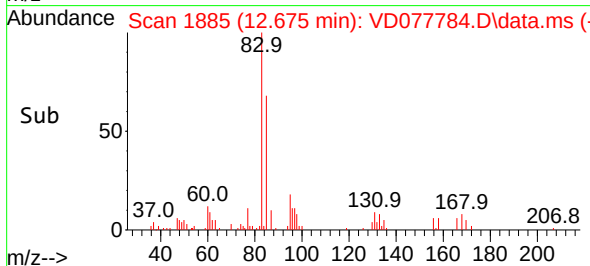
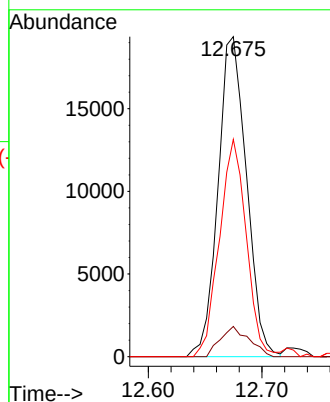
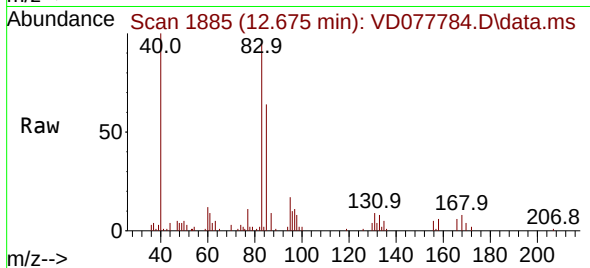
VSTDICC020

Tgt Ion:	83	Resp:	3369
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.1	15.3
85	63.9	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#76

1,2,3-Trichloropropane

Concen: 18.920 ug/l m

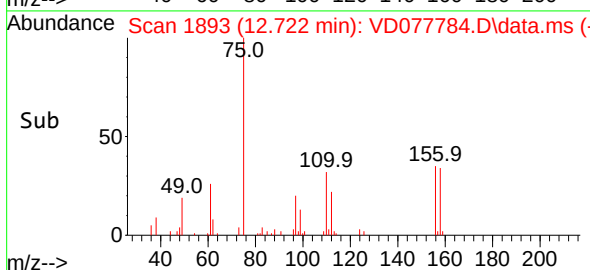
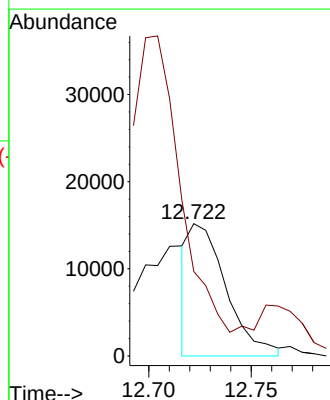
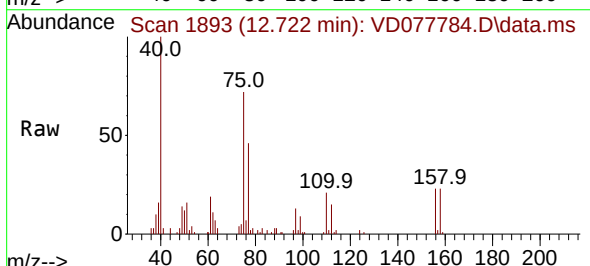
RT: 12.722 min Scan# 1893

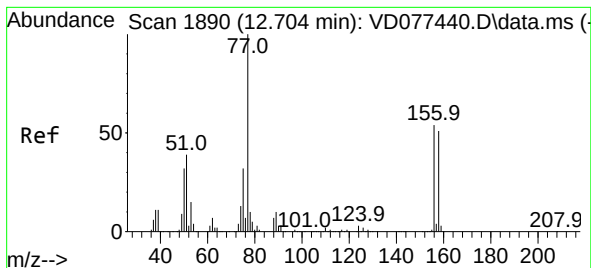
Delta R.T. -0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Tgt Ion:	75	Resp:	19210
Ion Ratio	Lower	Upper	
75	100		
77	362.8	0.0	0.0#





#77

Bromobenzene

Concen: 19.514 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

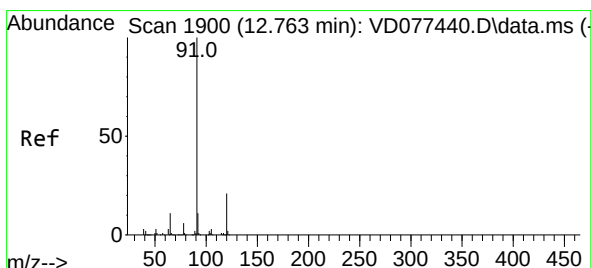
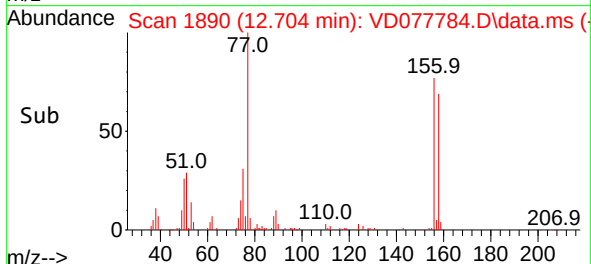
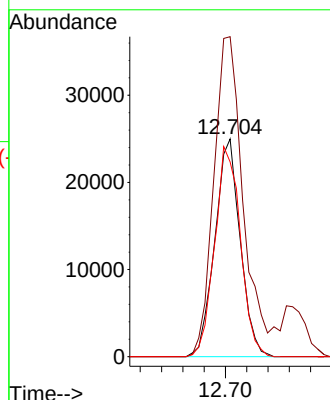
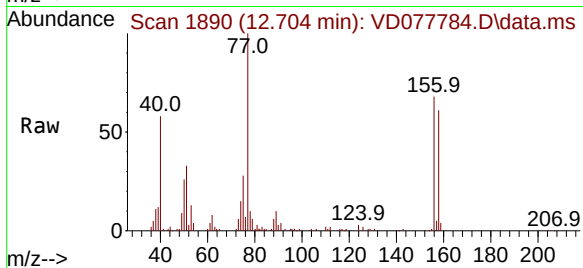
VSTDICC020

Tgt Ion:	156	Resp:	4123
Ion Ratio	Lower	Upper	
156	100		
77	169.0	76.8	230.4
158	98.0	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#78

n-propylbenzene

Concen: 19.676 ug/l

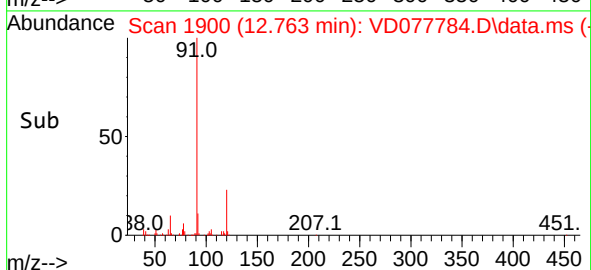
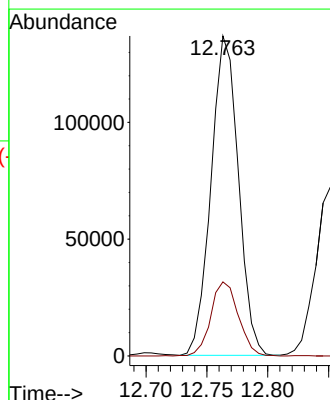
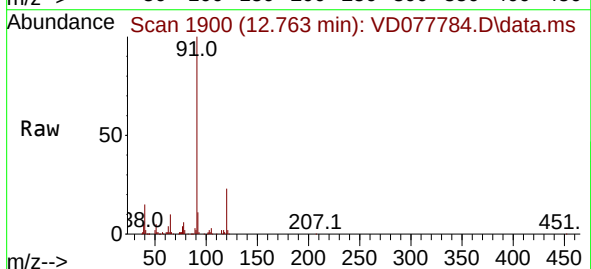
RT: 12.763 min Scan# 1900

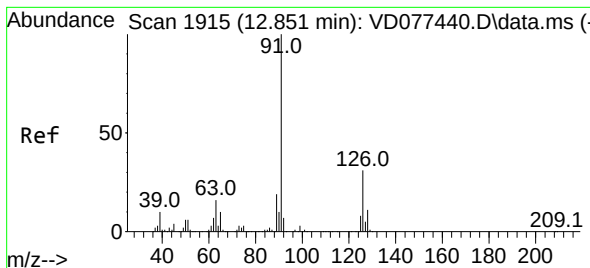
Delta R.T. 0.000 min

Lab File: VD077784.D

Acq: 08 Dec 2023 10:35

Tgt Ion:	91	Resp:	213784
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.4	37.2





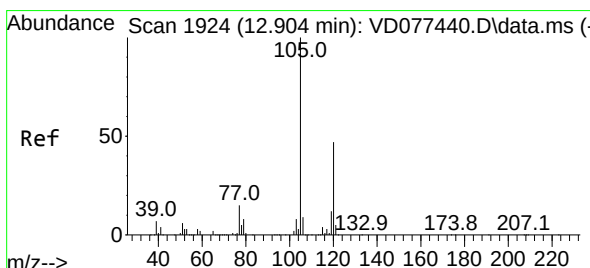
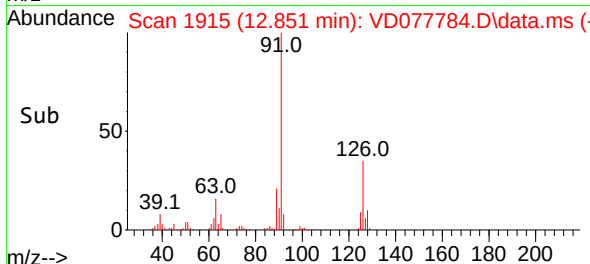
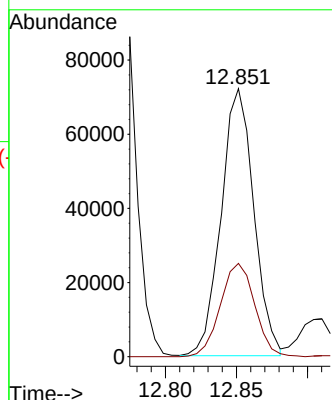
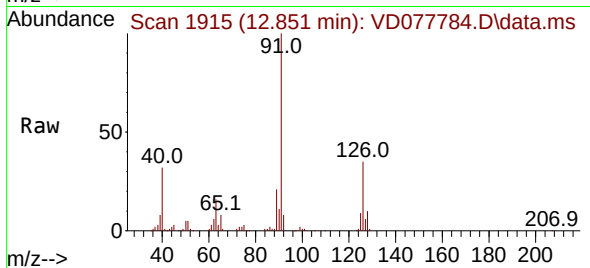
#79
2-Chlorotoluene
Concen: 19.780 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 11552
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1

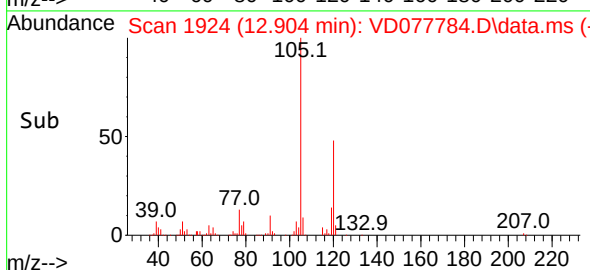
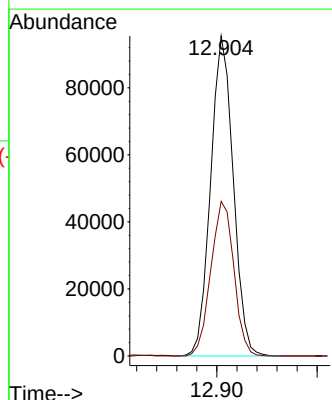
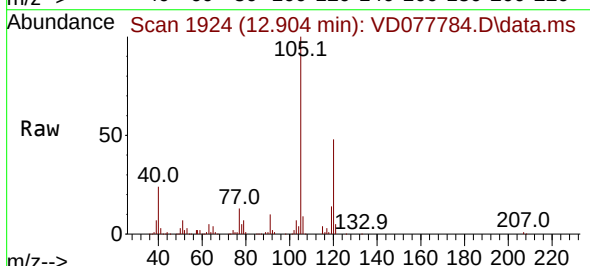
Manual Integrations
APPROVED

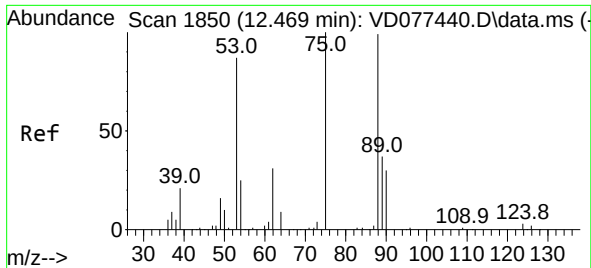
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.946 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion:105 Resp: 149499
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2





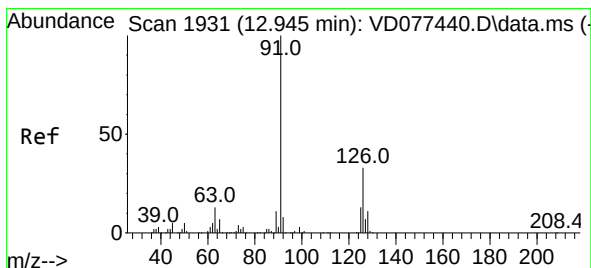
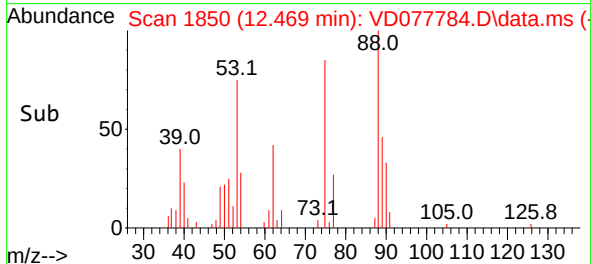
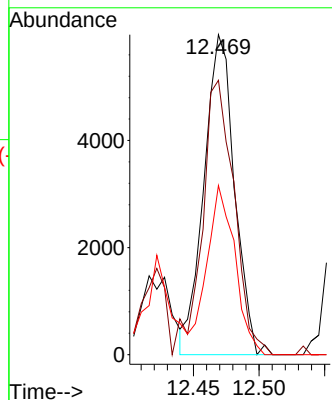
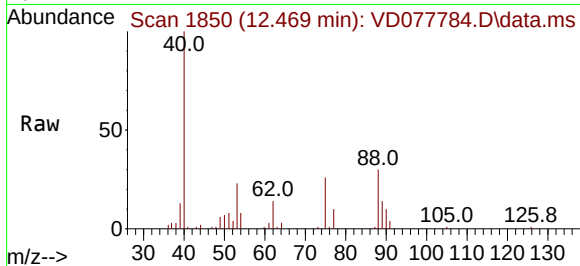
#81
trans-1,4-Dichloro-2-butene
Concen: 19.306 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 9680
Ion Ratio Lower Upper
75 100
53 89.1 63.0 94.4
89 48.6 37.9 56.9

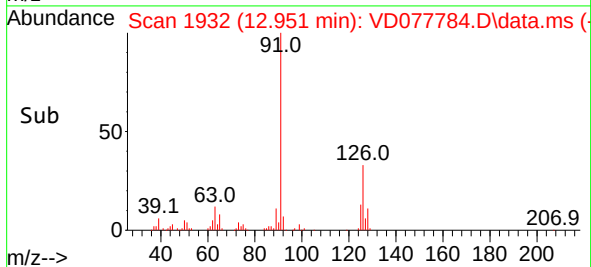
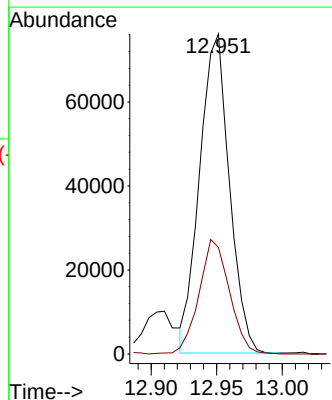
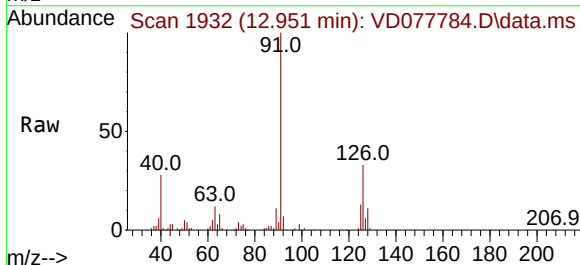
Manual Integrations
APPROVED

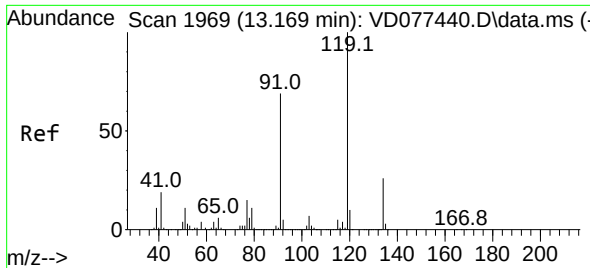
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#82
4-Chlorotoluene
Concen: 19.734 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion: 91 Resp: 120037
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.4





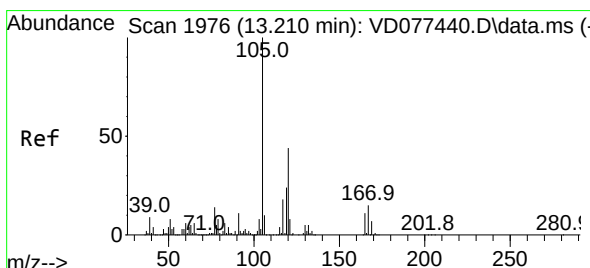
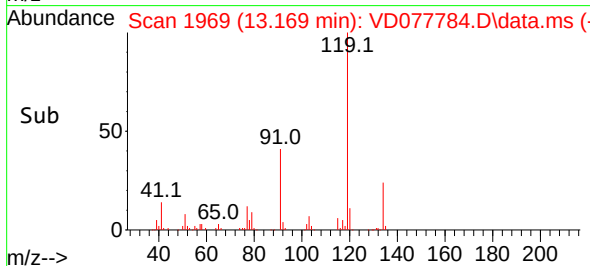
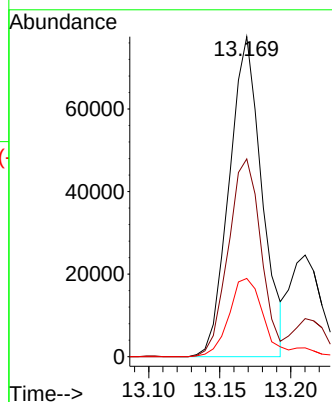
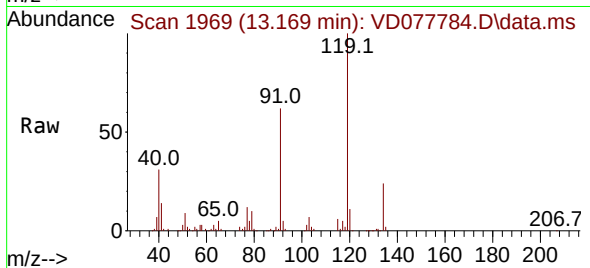
#83
tert-Butylbenzene
Concen: 19.708 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 124349
Ion Ratio Lower Upper
119 100
91 62.0 29.3 87.8
134 25.4 14.1 42.3

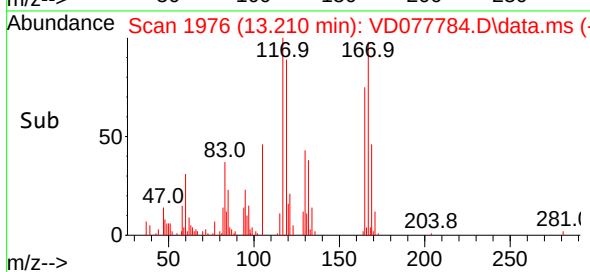
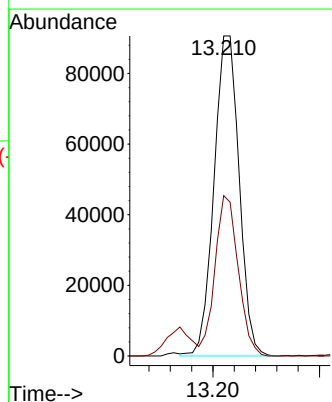
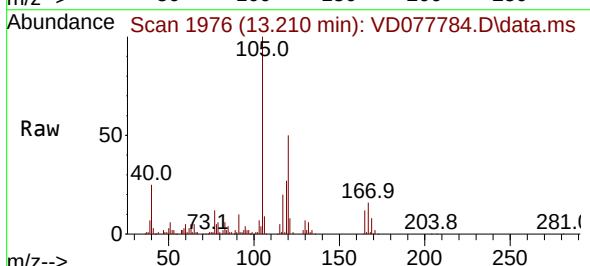
Manual Integrations
APPROVED

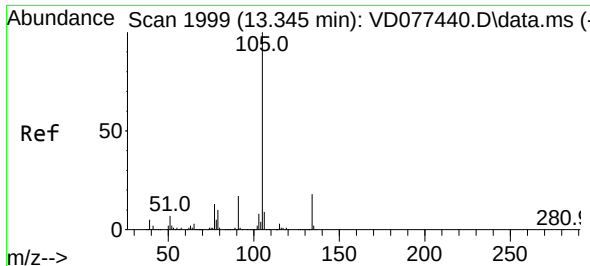
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.877 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

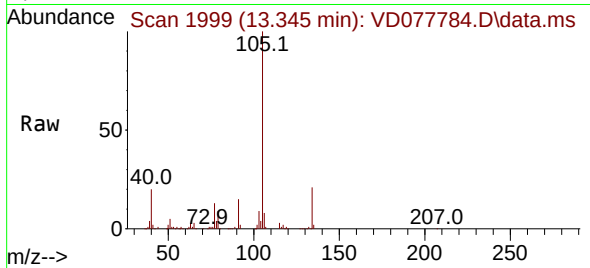
Tgt Ion:105 Resp: 148303
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 19.703 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077784.D
 Acq: 08 Dec 2023 10:35

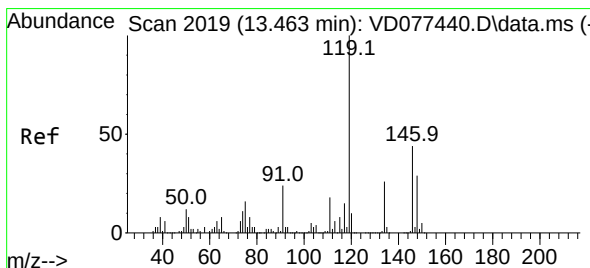
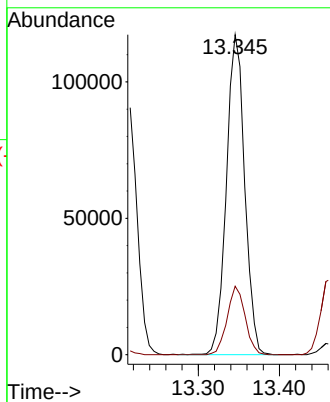
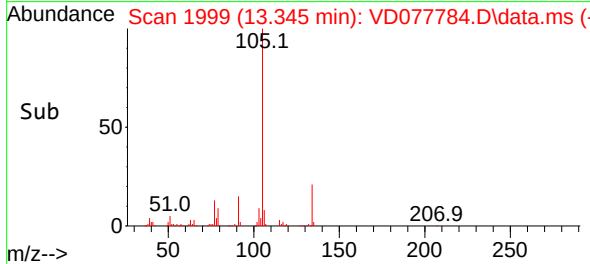
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020



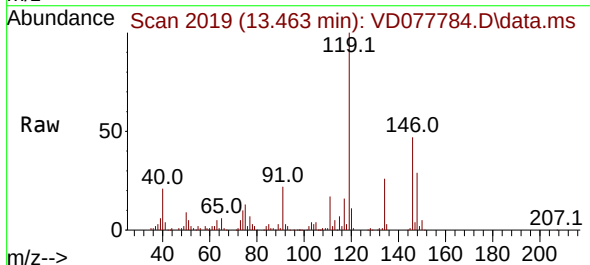
Tgt Ion:105 Resp: 18348
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.9 32.9

Manual Integrations
 APPROVED

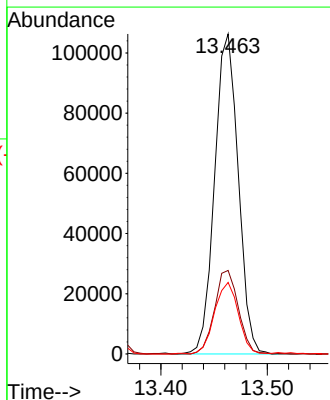
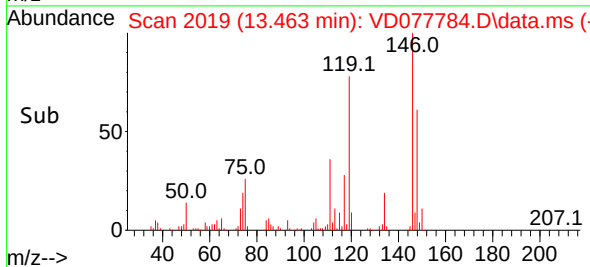
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

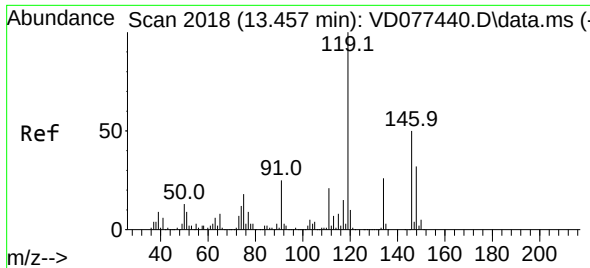


#86
 p-Isopropyltoluene
 Concen: 19.595 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077784.D
 Acq: 08 Dec 2023 10:35



Tgt Ion:119 Resp: 163244
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 22.7 10.5 31.5





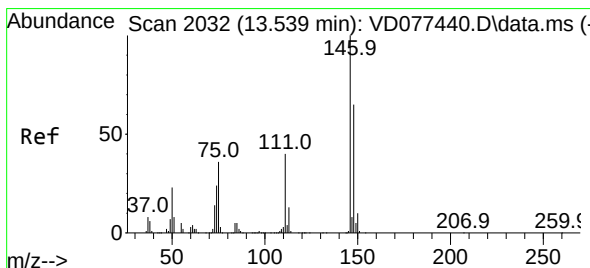
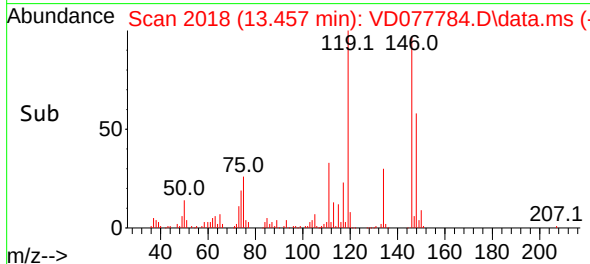
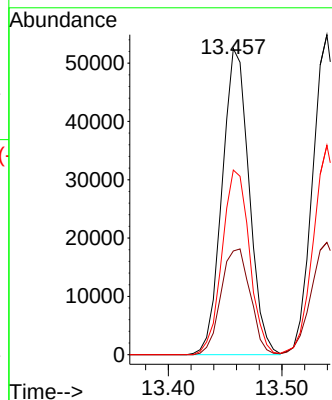
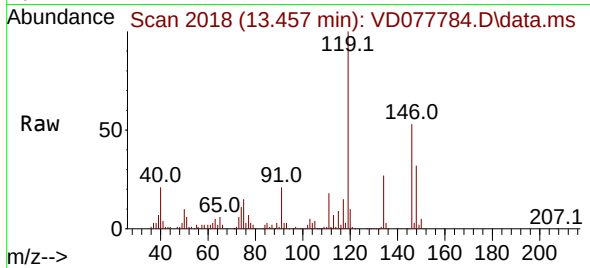
#87
1,3-Dichlorobenzene
Concen: 20.020 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 86580
Ion Ratio Lower Upper
146 100
111 37.5 17.9 53.8
148 61.4 32.3 96.8

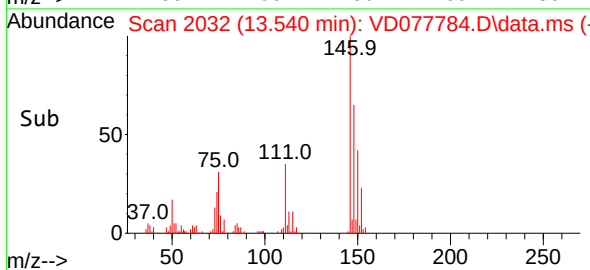
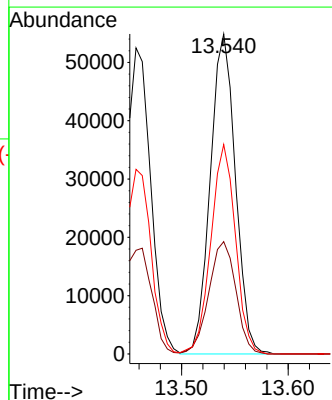
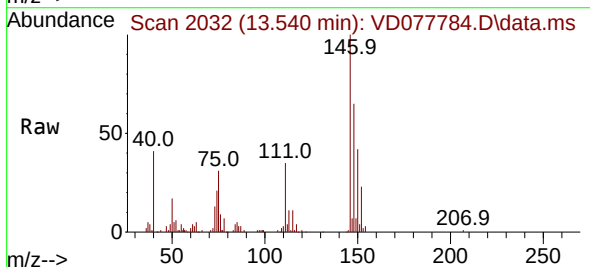
Manual Integrations
APPROVED

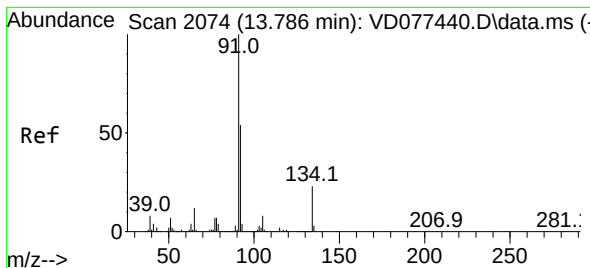
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#88
1,4-Dichlorobenzene
Concen: 19.802 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

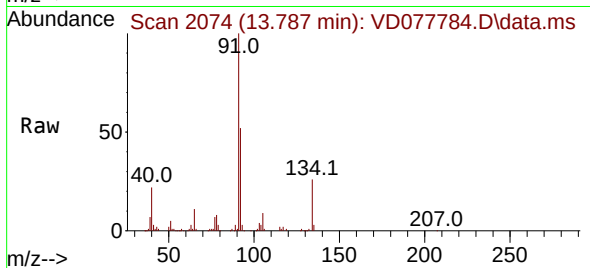
Tgt Ion:146 Resp: 89990
Ion Ratio Lower Upper
146 100
111 37.7 17.4 52.3
148 64.0 31.7 95.1





#89
n-Butylbenzene
Concen: 19.695 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

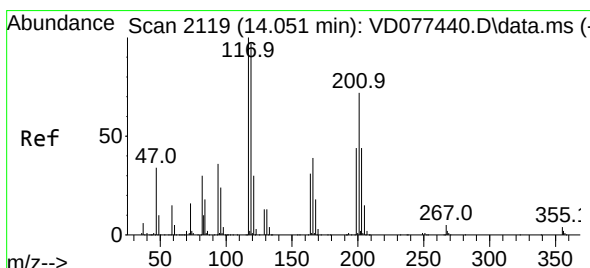
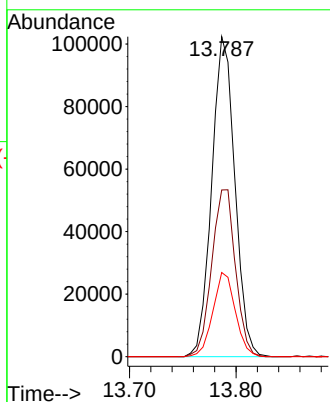
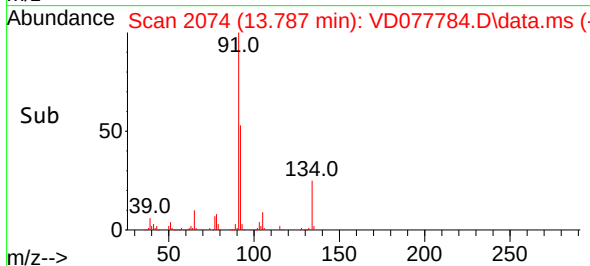
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 154324
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 25.6 13.8 41.3

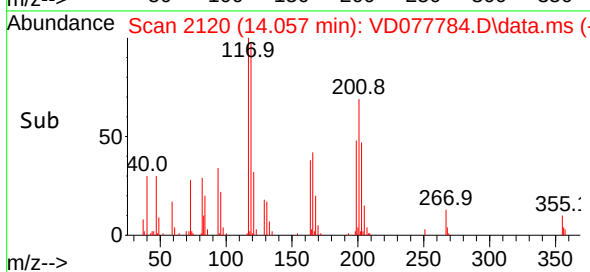
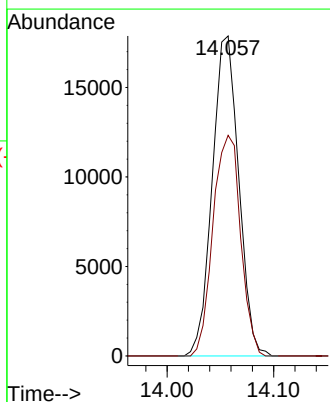
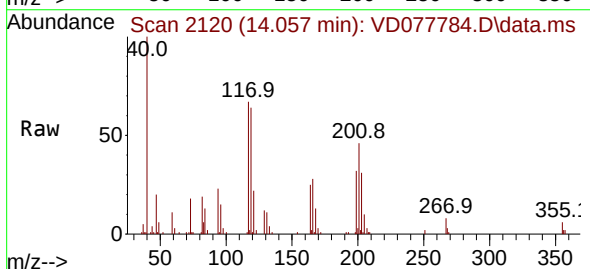
Manual Integrations
APPROVED

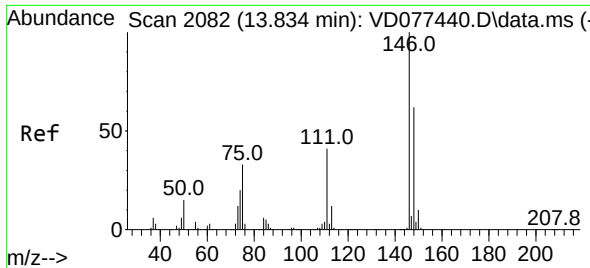
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#90
Hexachloroethane
Concen: 20.008 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion:117 Resp: 30821
Ion Ratio Lower Upper
117 100
201 71.9 38.5 115.5





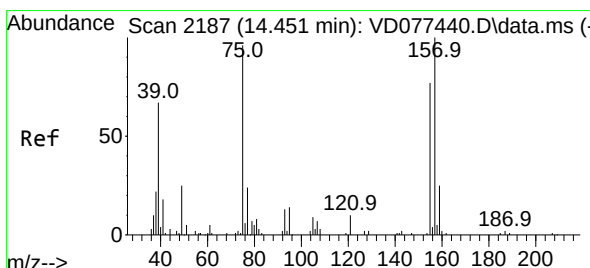
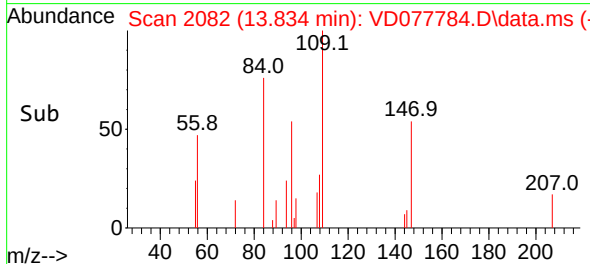
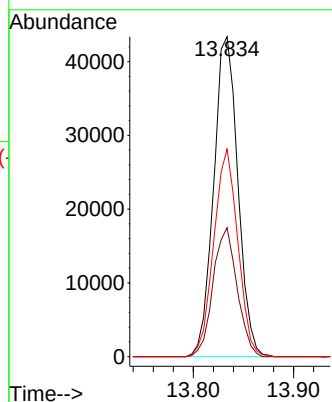
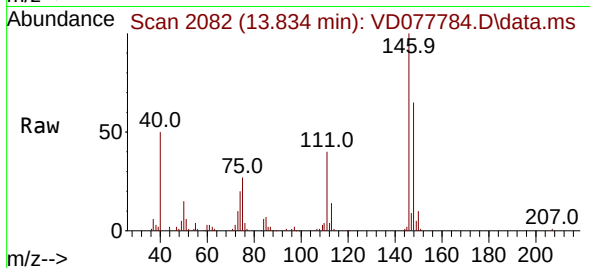
#91
1,2-Dichlorobenzene
Concen: 19.827 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 72752
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 64.5 31.6 94.7

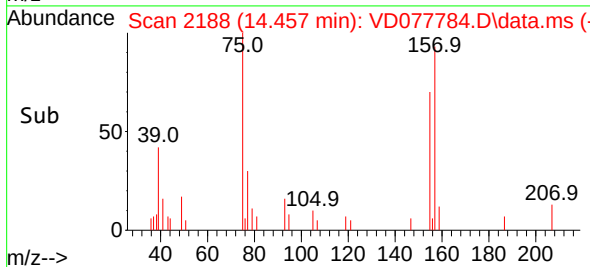
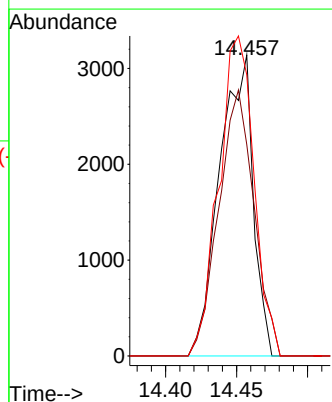
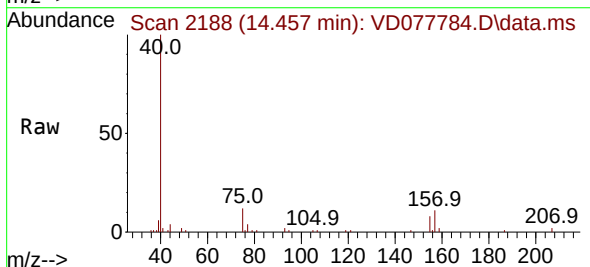
Manual Integrations
APPROVED

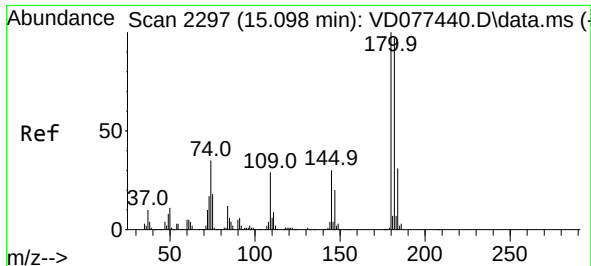
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.895 ug/l
RT: 14.457 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

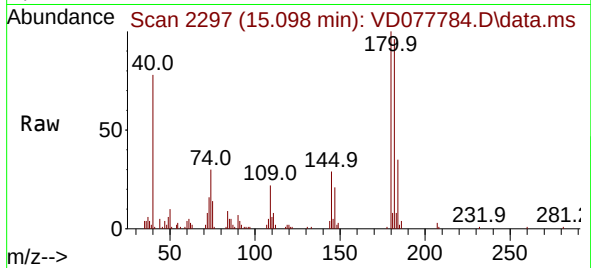
Tgt Ion: 75 Resp: 5160
Ion Ratio Lower Upper
75 100
155 93.0 47.9 143.8
157 111.5 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 18.865 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

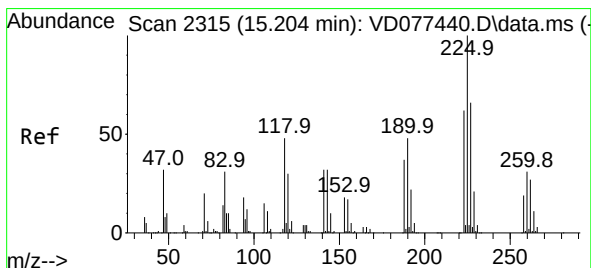
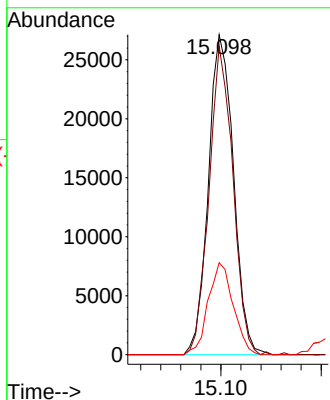
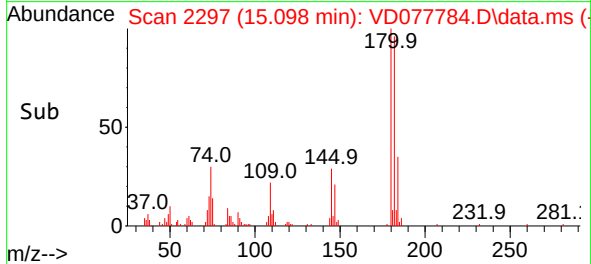
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



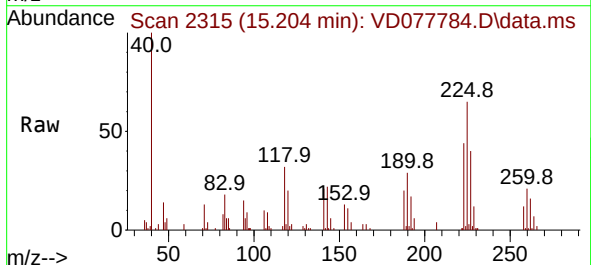
Tgt Ion:180 Resp: 47012
Ion Ratio Lower Upper
180 100
182 92.0 48.5 145.6
145 28.7 14.2 42.6

Manual Integrations
APPROVED

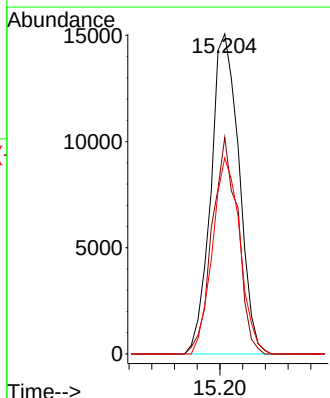
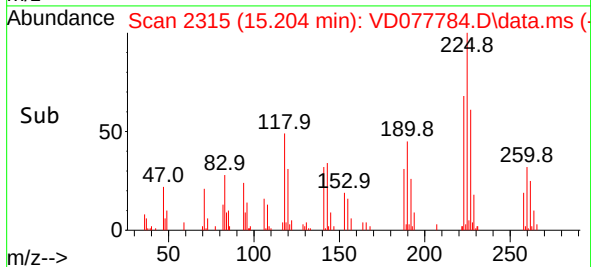
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

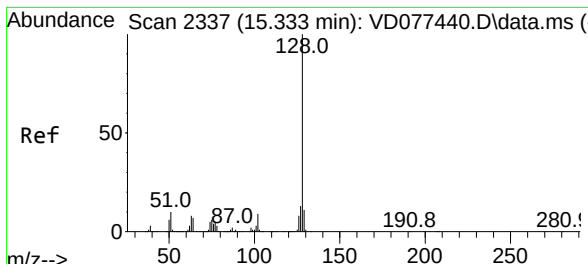


#94
Hexachlorobutadiene
Concen: 19.350 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35



Tgt Ion:225 Resp: 25898
Ion Ratio Lower Upper
225 100
223 61.8 31.6 94.8
227 60.1 31.7 95.1





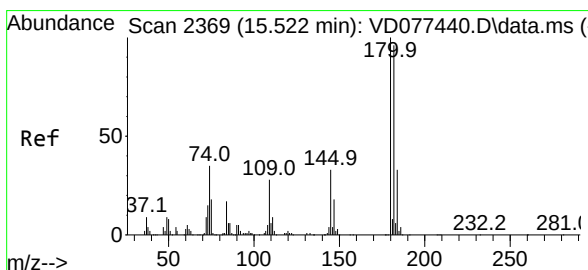
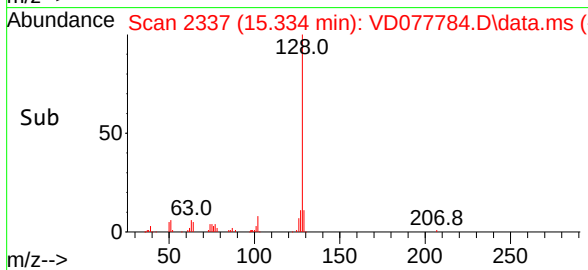
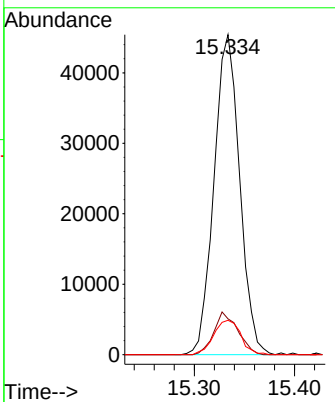
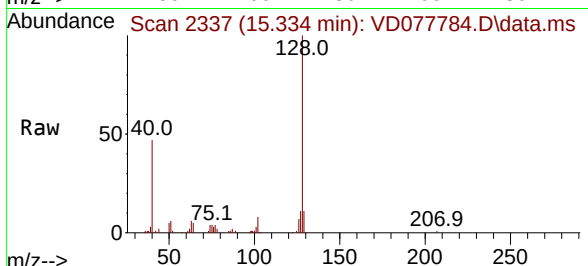
#95
Naphthalene
Concen: 19.504 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Instrument : MSVOA_D
ClientSampleId : VSTDICC020

Tgt Ion:	128	Resp:	8062
Ion Ratio	Lower	Upper	
128	100		
127	11.2	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.970 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077784.D
Acq: 08 Dec 2023 10:35

Tgt Ion:	180	Resp:	38604
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.3	141.9
145	30.0	15.1	45.3

