

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077855.D
 Acq On : 13 Dec 2023 12:03
 Operator : RP/MD
 Sample : VD1213SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023

Quant Time: Dec 14 01:50:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	138054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	244094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	113357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70558	43.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.740%		
35) Dibromofluoromethane	7.810	113	73025	42.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.420%		
50) Toluene-d8	10.269	98	294193	42.961	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.920%		
62) 4-Bromofluorobenzene	12.575	95	86360	42.181	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38000	22.035	ug/l	99
3) Chloromethane	2.152	50	52718	22.427	ug/l	95
4) Vinyl Chloride	2.287	62	70130	21.977	ug/l	95
5) Bromomethane	2.693	94	44563	24.887	ug/l	97
6) Chloroethane	2.840	64	48976	22.511	ug/l	95
7) Trichlorofluoromethane	3.187	101	61784	21.022	ug/l	99
8) Diethyl Ether	3.599	74	17083	20.700	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.975	101	34817	20.708	ug/l	95
10) Methyl Iodide	4.175	142	33032	26.135	ug/l	91
11) Tert butyl alcohol	5.058	59	8451	101.167	ug/l #	87
12) 1,1-Dichloroethene	3.952	96	35579	21.440	ug/l #	81
13) Acrolein	3.805	56	16667	96.855	ug/l	97
14) Allyl chloride	4.569	41	46303	20.288	ug/l	93
15) Acrylonitrile	5.263	53	37842	107.095	ug/l	98
16) Acetone	4.022	43	51601	131.860	ug/l	97
17) Carbon Disulfide	4.281	76	114922	20.470	ug/l	99
18) Methyl Acetate	4.569	43	26719	20.855	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	74447	21.145	ug/l	94
20) Methylene Chloride	4.811	84	44728	20.344	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	40401	21.494	ug/l	96
22) Diisopropyl ether	6.228	45	98317	20.614	ug/l #	93
23) Vinyl Acetate	6.158	43	242354	104.055	ug/l #	89
24) 1,1-Dichloroethane	6.116	63	67311	20.840	ug/l	94
25) 2-Butanone	7.081	43	53800	112.023	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	58192	21.459	ug/l	93
27) cis-1,2-Dichloroethene	7.087	96	44121	21.815	ug/l	90
28) Bromochloromethane	7.434	49	27586	21.137	ug/l #	74
29) Tetrahydrofuran	7.446	42	28019	108.162	ug/l #	85
30) Chloroform	7.599	83	69031	21.355	ug/l	97
31) Cyclohexane	7.881	56	59287	20.490	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	59914	21.025	ug/l	98
36) 1,1-Dichloropropene	8.016	75	53661	19.621	ug/l	96
37) Ethyl Acetate	7.169	43	16988	15.930	ug/l #	69
38) Carbon Tetrachloride	7.993	117	54090	19.838	ug/l	98
39) Methylcyclohexane	9.275	83	64531	19.903	ug/l	91
40) Benzene	8.252	78	156379	20.146	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077855.D
 Acq On : 13 Dec 2023 12:03
 Operator : RP/MD
 Sample : VD1213SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023

Quant Time: Dec 14 01:50:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9562	17.642	ug/l #	86
42) 1,2-Dichloroethane	8.334	62	41557	20.654	ug/l	97
43) Isopropyl Acetate	8.363	43	37817	19.949	ug/l #	90
44) Trichloroethene	9.028	130	41368	20.451	ug/l	99
45) 1,2-Dichloropropane	9.304	63	38426	20.364	ug/l	92
46) Dibromomethane	9.399	93	20557	20.589	ug/l	94
47) Bromodichloromethane	9.587	83	52004	20.549	ug/l #	95
48) Methyl methacrylate	9.387	41	20436	18.965	ug/l	83
49) 1,4-Dioxane	9.393	88	3668	369.979	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	93622	96.770	ug/l	92
52) Toluene	10.340	92	95957	19.929	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	48208	19.837	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	57524	19.578	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	27593	20.204	ug/l	95
56) Ethyl methacrylate	10.599	69	23142	19.223	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	48880	20.764	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	64084	93.341	ug/l	94
59) 2-Hexanone	10.922	43	85071	105.986	ug/l	87
60) Dibromochloromethane	11.075	129	34306	20.864	ug/l	100
61) 1,2-Dibromoethane	11.181	107	25776	20.050	ug/l	98
64) Tetrachloroethene	10.810	164	32314	19.720	ug/l	86
65) Chlorobenzene	11.610	112	106257	19.069	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	37913	20.449	ug/l	94
67) Ethyl Benzene	11.687	91	181330	19.535	ug/l	94
68) m/p-Xylenes	11.793	106	144953	40.826	ug/l	91
69) o-Xylene	12.122	106	67135	20.517	ug/l	96
70) Styrene	12.134	104	100804	20.718	ug/l	95
71) Bromoform	12.298	173	19538	20.169	ug/l #	99
73) Isopropylbenzene	12.422	105	178198	20.741	ug/l	96
74) N-amyl acetate	12.234	43	32600	19.303	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	30233	20.182	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	18703m	18.997	ug/l	
77) Bromobenzene	12.704	156	40598	20.090	ug/l	90
78) n-propylbenzene	12.763	91	212607	20.308	ug/l	96
79) 2-Chlorotoluene	12.851	91	111421	19.860	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	143452	20.020	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	10754	22.131	ug/l	97
82) 4-Chlorotoluene	12.945	91	119998	20.459	ug/l	97
83) tert-Butylbenzene	13.169	119	126442	20.902	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	147024	20.514	ug/l	96
85) sec-Butylbenzene	13.345	105	183831	20.558	ug/l	96
86) p-Isopropyltoluene	13.463	119	159910	19.974	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	82804	20.037	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	83100	19.156	ug/l	96
89) n-Butylbenzene	13.787	91	154624	20.525	ug/l	97
90) Hexachloroethane	14.051	117	30258	20.551	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	70490	20.056	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4084	18.197	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	46016	19.168	ug/l	97
94) Hexachlorobutadiene	15.204	225	25049	19.349	ug/l	97
95) Naphthalene	15.334	128	78817	19.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	38857	19.633	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
Data File : VD077855.D
Acq On : 13 Dec 2023 12:03
Operator : RP/MD
Sample : VD1213SBSD01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

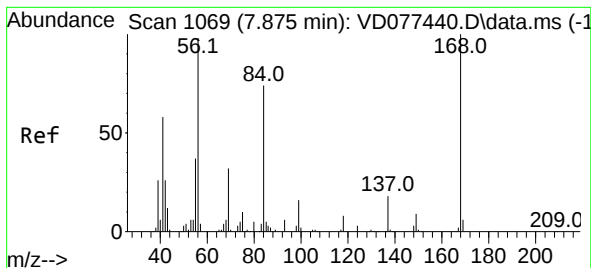
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

Quant Time: Dec 14 01:50:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion:168 Resp: 138054

Ion Ratio Lower Upper

168 100

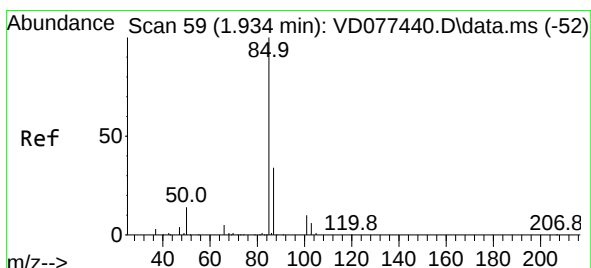
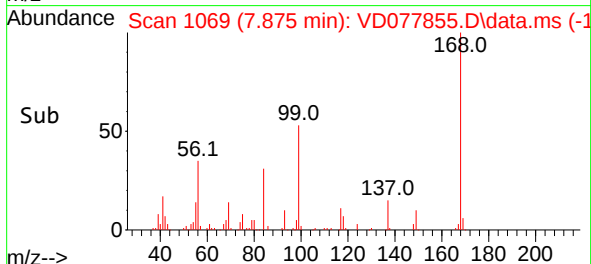
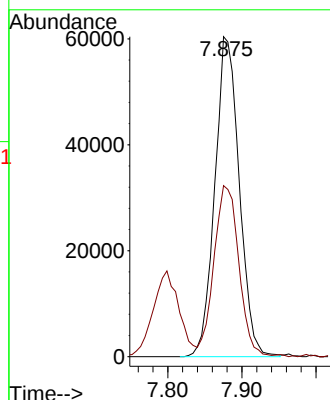
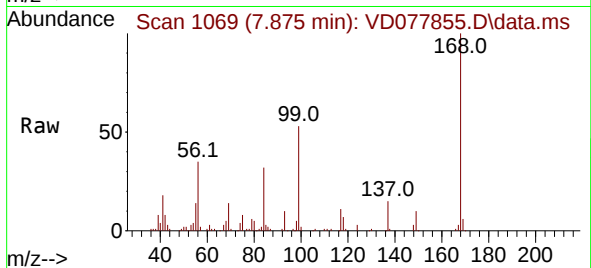
99 52.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#2

Dichlorodifluoromethane

Concen: 22.035 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077855.D

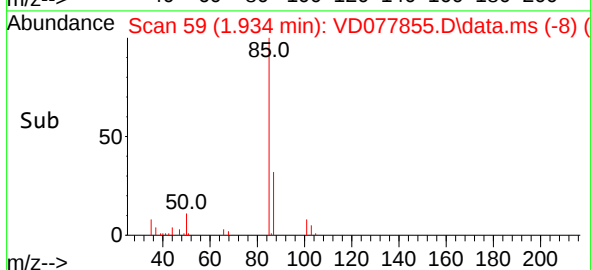
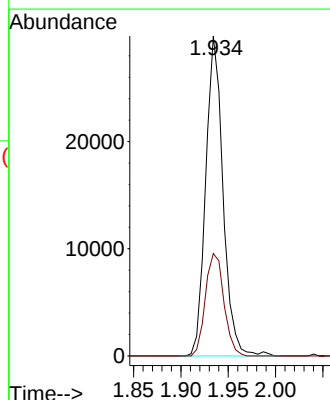
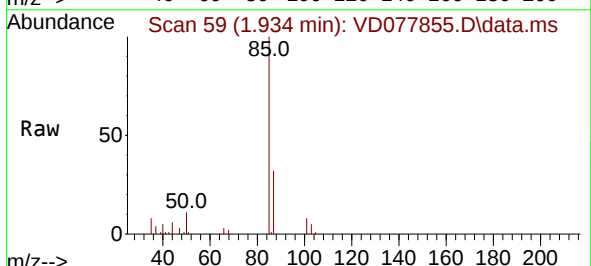
Acq: 13 Dec 2023 12:03

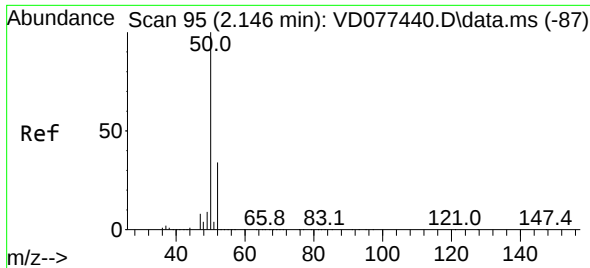
Tgt Ion: 85 Resp: 38000

Ion Ratio Lower Upper

85 100

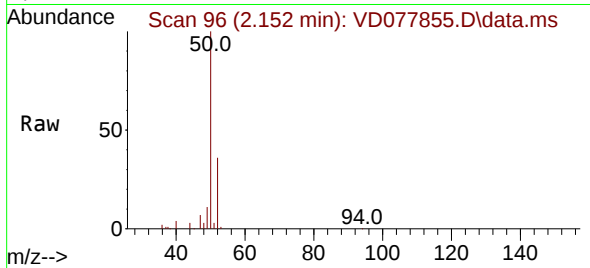
87 32.0 15.7 47.0





#3
Chloromethane
Concen: 22.427 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

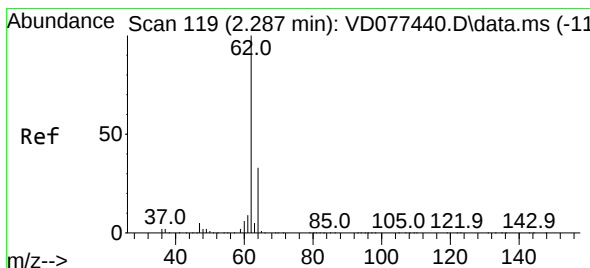
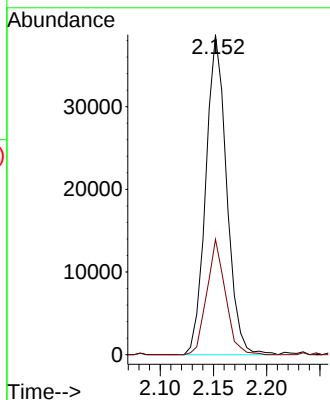
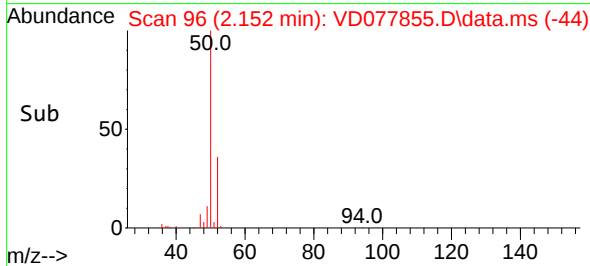
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion: 50 Resp: 52718
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0

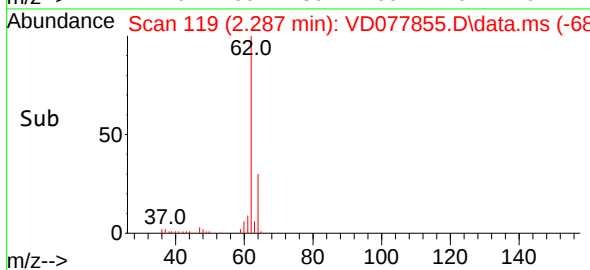
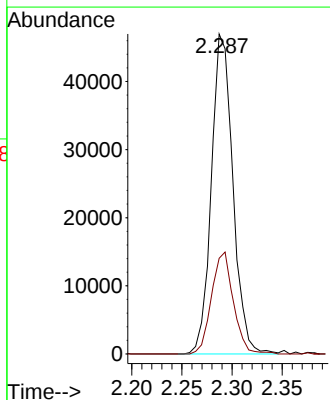
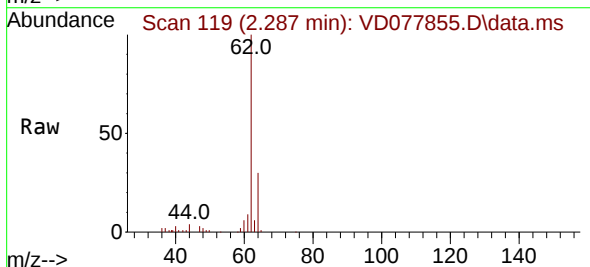
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#4
Vinyl Chloride
Concen: 21.977 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

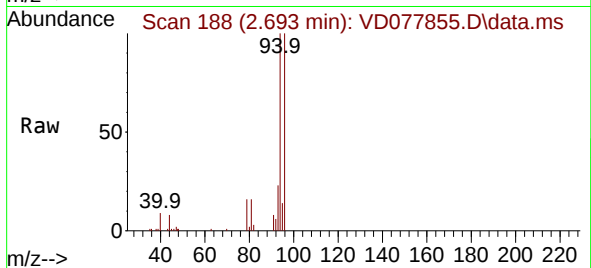
Tgt Ion: 62 Resp: 70130
Ion Ratio Lower Upper
62 100
64 29.9 26.0 39.0





#5
Bromomethane
Concen: 24.887 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

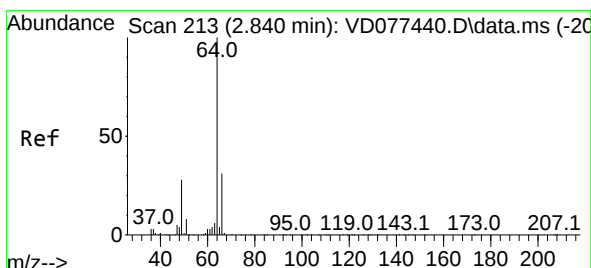
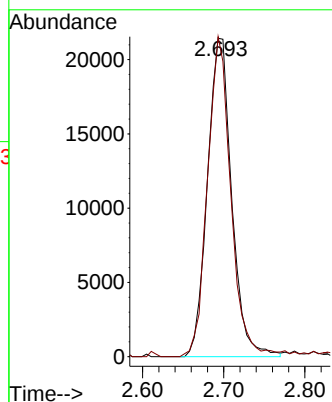
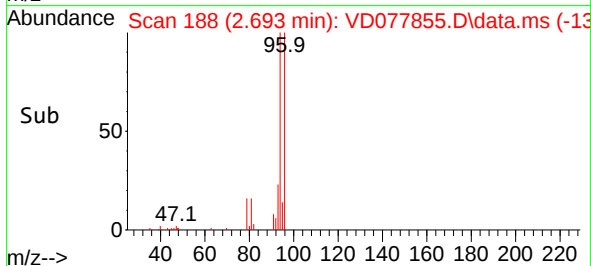
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



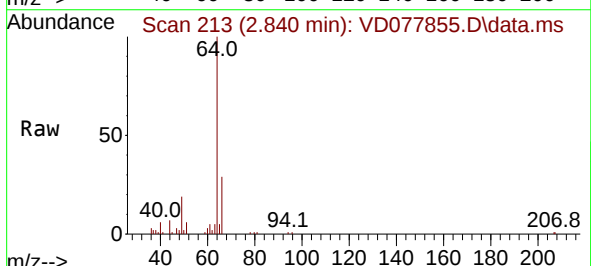
Tgt Ion: 94 Resp: 4456
Ion Ratio Lower Upper
94 100
96 97.3 75.8 113.8

Manual Integrations
APPROVED

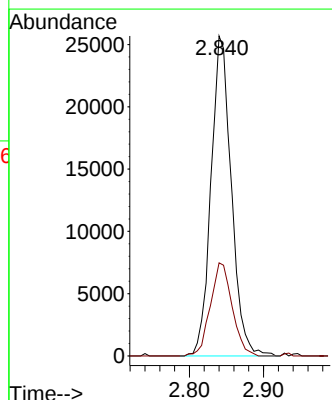
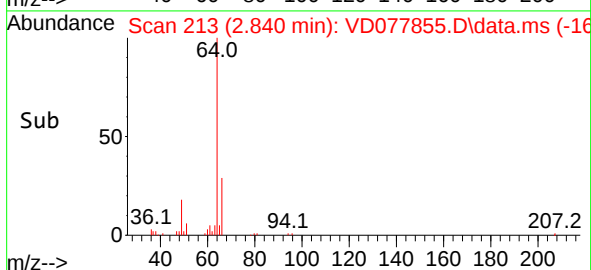
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

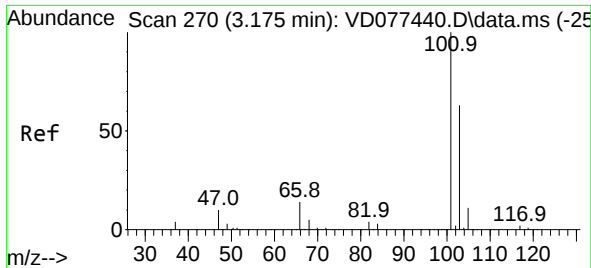


#6
Chloroethane
Concen: 22.511 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion: 64 Resp: 48976
Ion Ratio Lower Upper
64 100
66 29.1 25.5 38.3





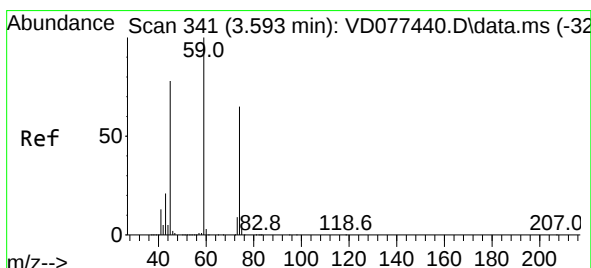
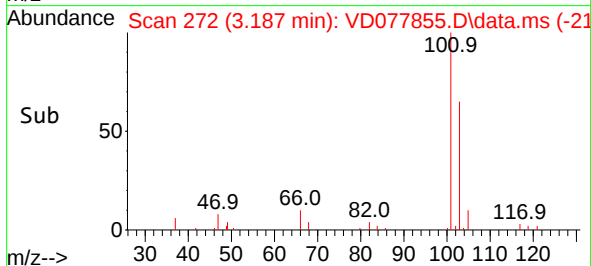
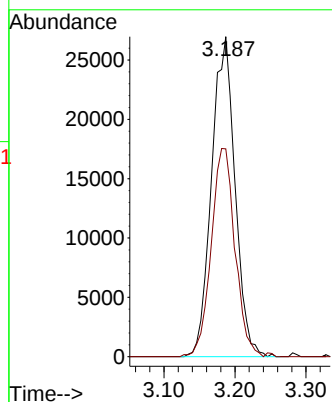
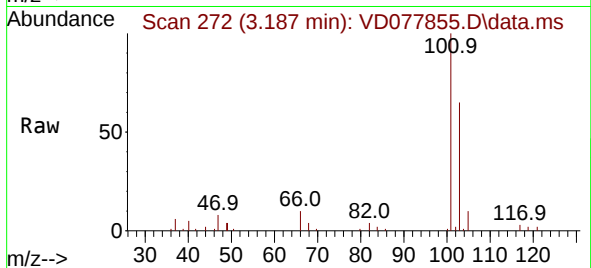
#7
Trichlorofluoromethane
Concen: 21.022 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

Tgt Ion:101 Resp: 61784
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5

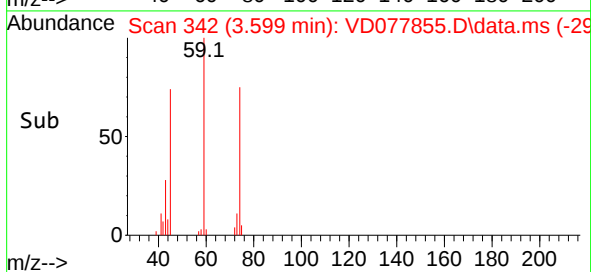
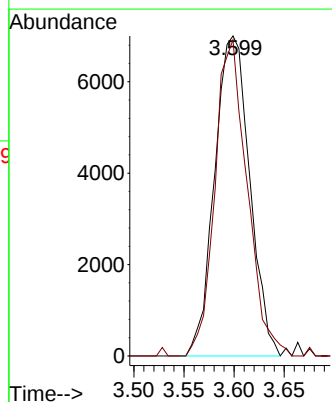
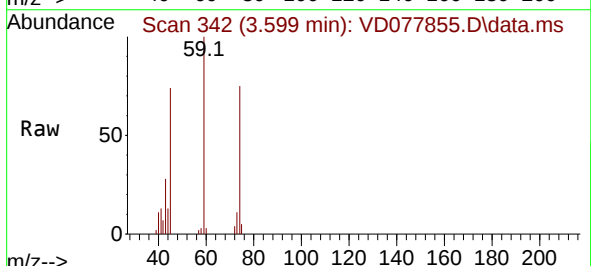
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#8
Diethyl Ether
Concen: 20.700 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 74 Resp: 17083
Ion Ratio Lower Upper
74 100
45 90.7 37.5 112.7





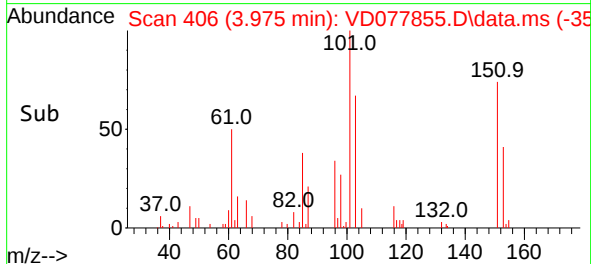
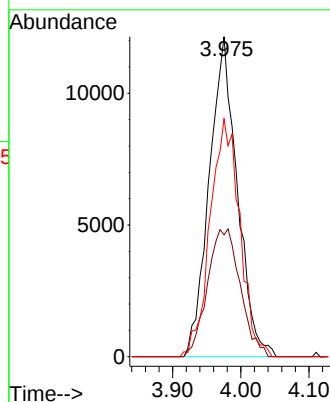
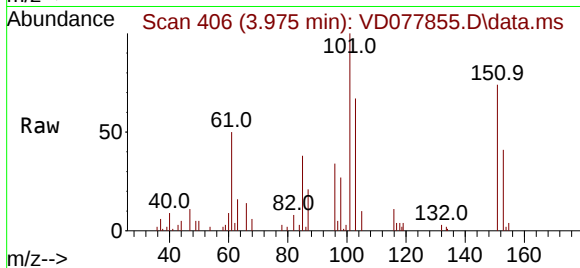
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.708 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

Tgt Ion:101 Resp: 3481
Ion Ratio Lower Upper
101 100
85 46.6 33.8 50.6
151 78.3 59.8 89.6

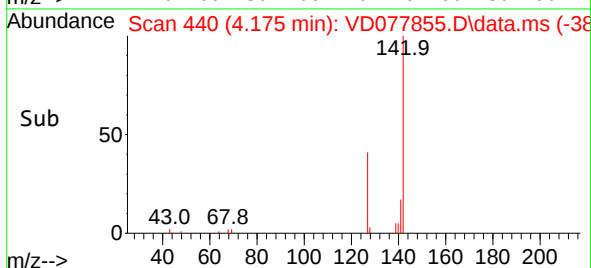
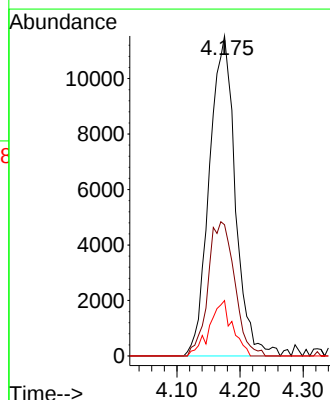
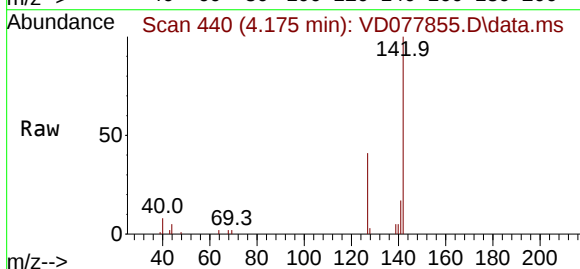
Manual Integrations
APPROVED

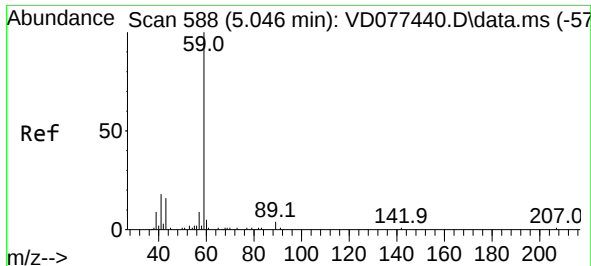
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#10
Methyl Iodide
Concen: 26.135 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

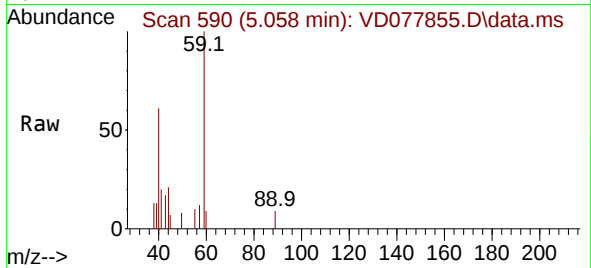
Tgt Ion:142 Resp: 33032
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 15.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 101.167 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

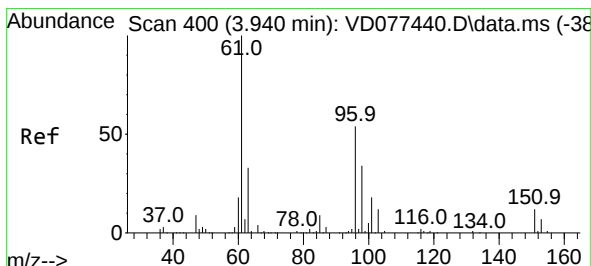
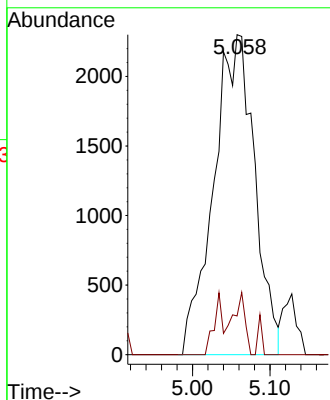
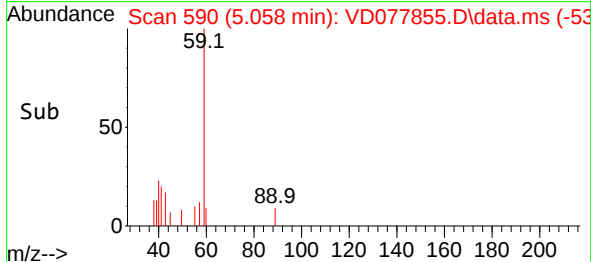
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



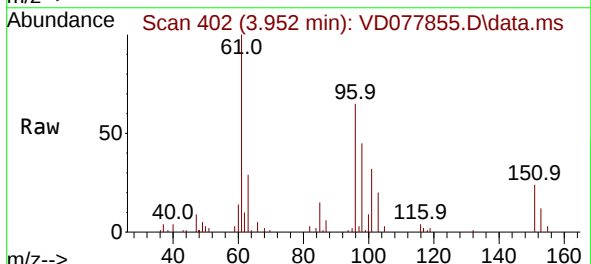
Tgt Ion: 59 Resp: 845
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8

Manual Integrations
APPROVED

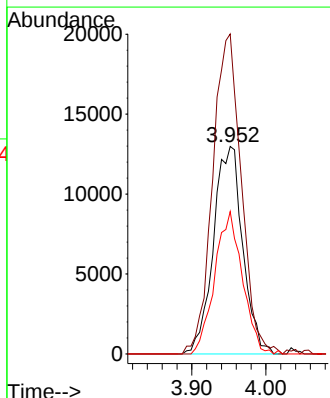
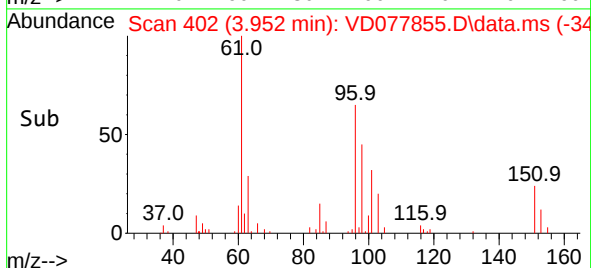
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#12
1,1-Dichloroethene
Concen: 21.440 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion: 96 Resp: 35579
Ion Ratio Lower Upper
96 100
61 154.2 100.6 150.8#
98 68.6 50.2 75.2





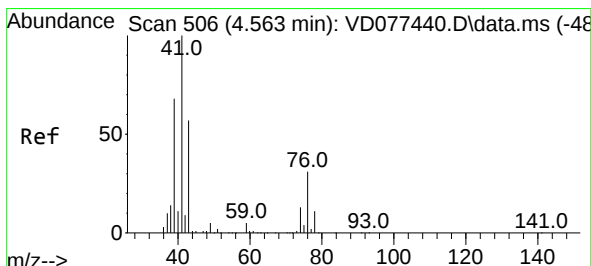
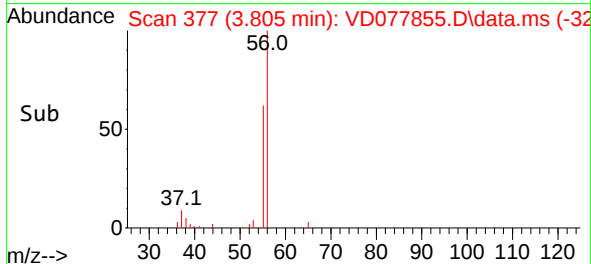
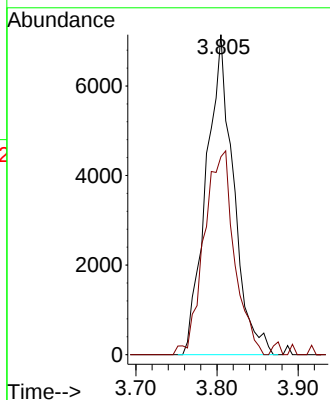
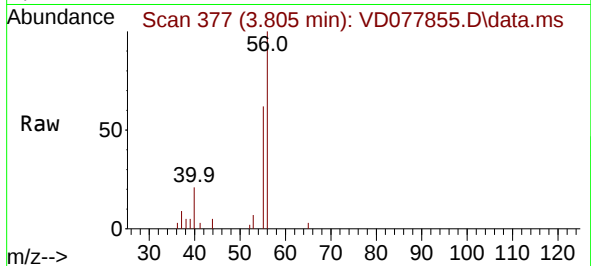
#13
Acrolein
Concen: 96.855 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 56 Resp: 1666
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7

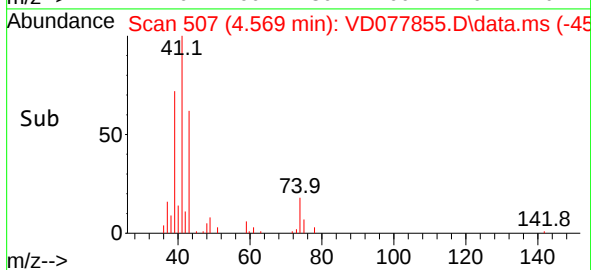
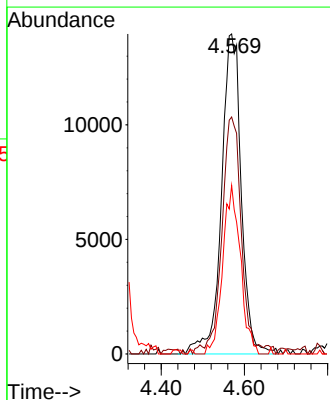
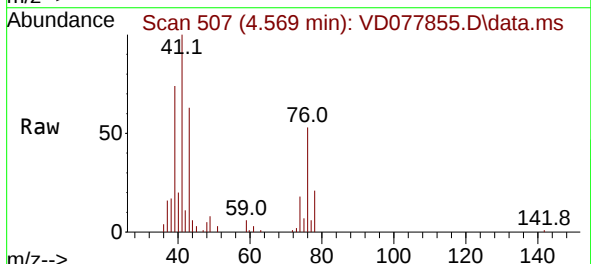
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#14
Allyl chloride
Concen: 20.288 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 41 Resp: 46303
Ion Ratio Lower Upper
41 100
39 67.4 53.8 80.6
76 46.7 45.8 68.8





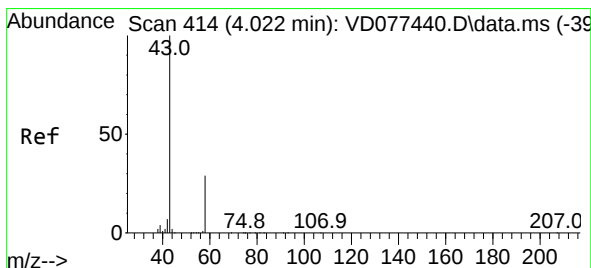
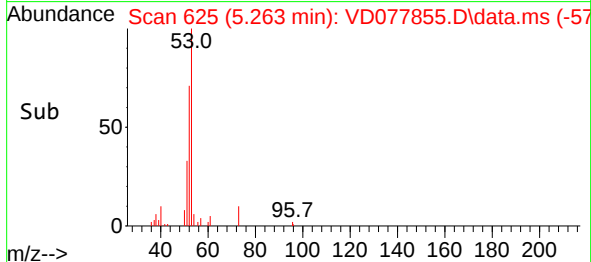
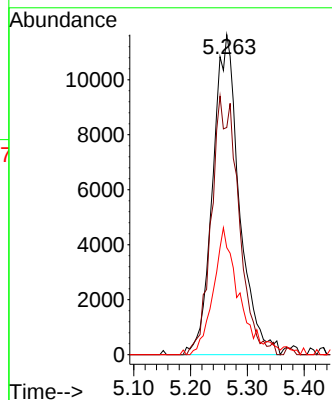
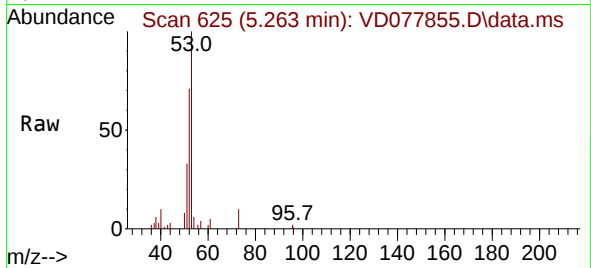
#15
Acrylonitrile
Concen: 107.095 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

Tgt Ion: 53 Resp: 3784
Ion Ratio Lower Upper
53 100
52 83.0 65.0 97.4
51 37.0 28.3 42.5

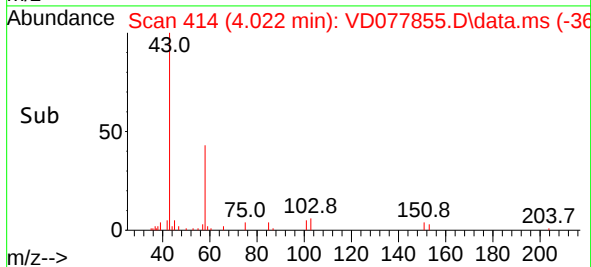
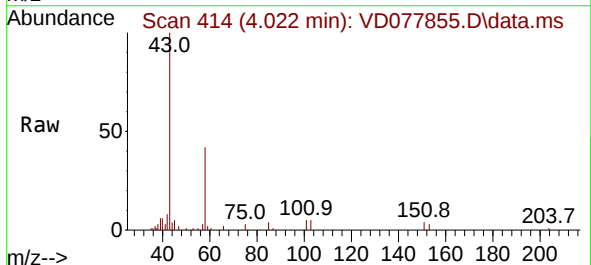
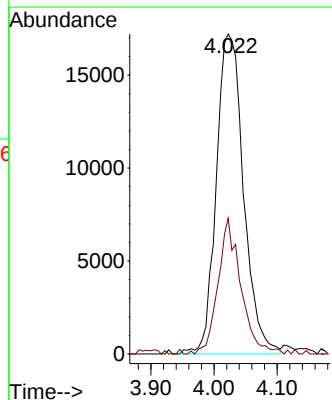
Manual Integrations
APPROVED

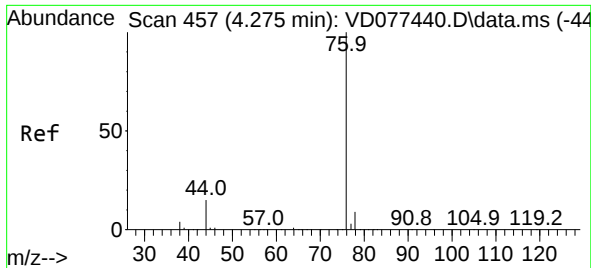
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#16
Acetone
Concen: 131.860 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 43 Resp: 51601
Ion Ratio Lower Upper
43 100
58 41.3 34.7 52.1





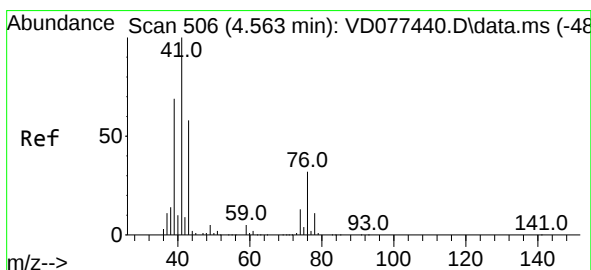
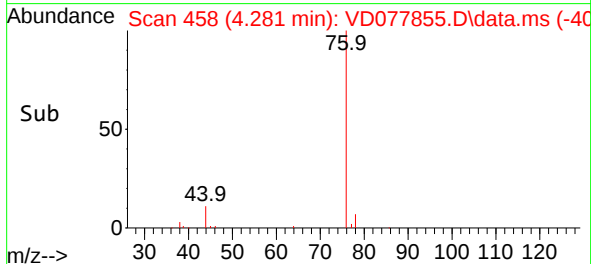
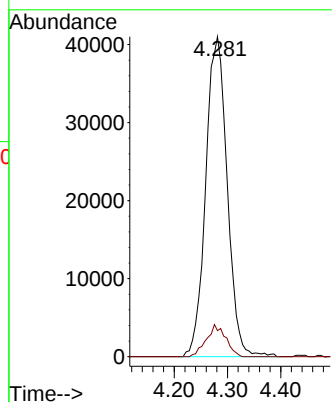
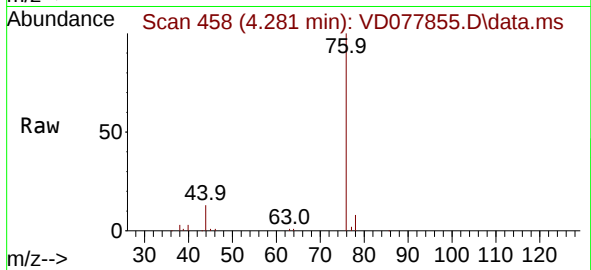
#17
Carbon Disulfide
Concen: 20.470 ug/l
RT: 4.281 min Scan# 411
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

Tgt Ion: 76 Resp: 11492
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2

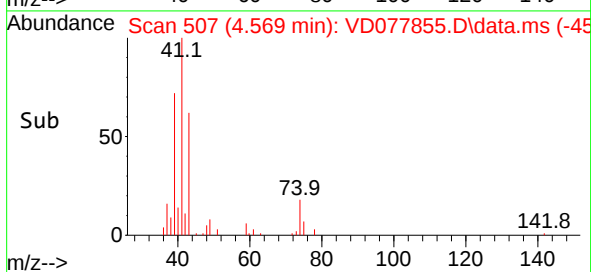
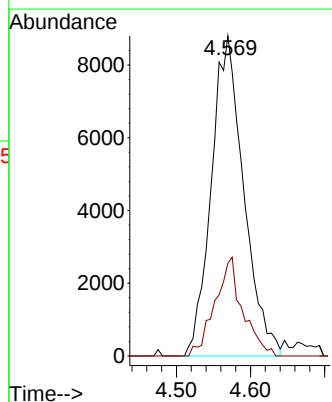
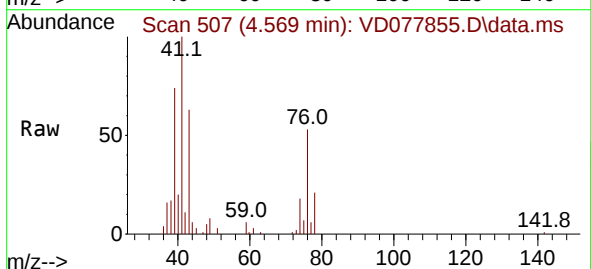
Manual Integrations
APPROVED

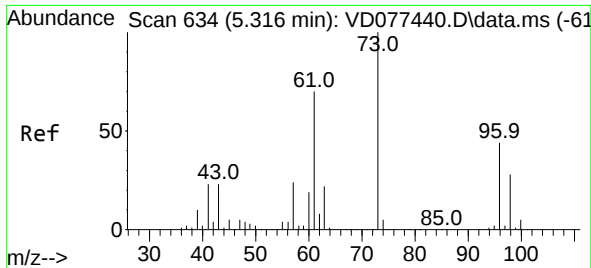
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#18
Methyl Acetate
Concen: 20.855 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 43 Resp: 26719
Ion Ratio Lower Upper
43 100
74 26.3 26.4 39.6#





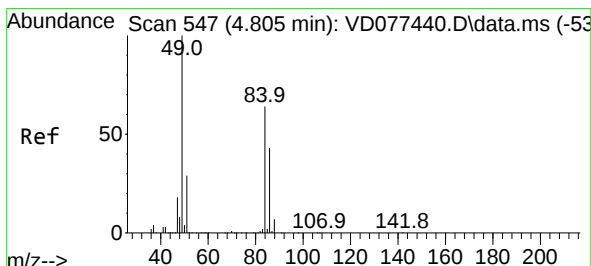
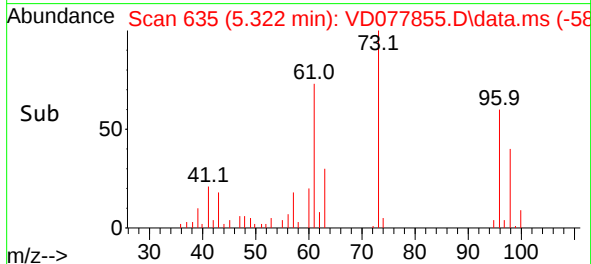
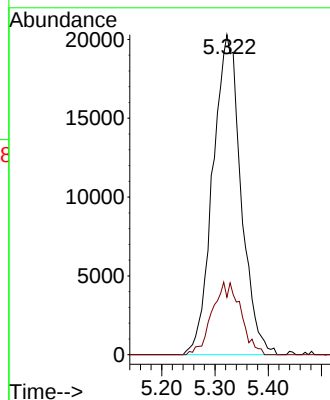
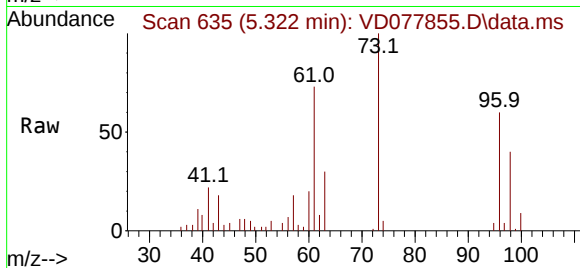
#19
Methyl tert-butyl Ether
Concen: 21.145 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 73 Resp: 7444
Ion Ratio Lower Upper
73 100
57 18.0 16.6 25.0

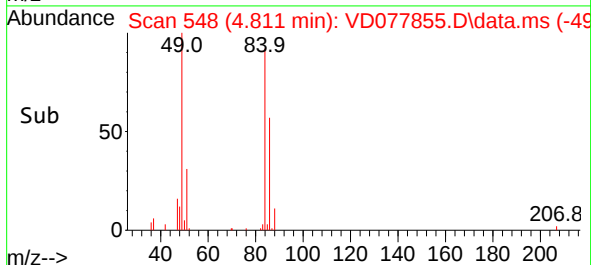
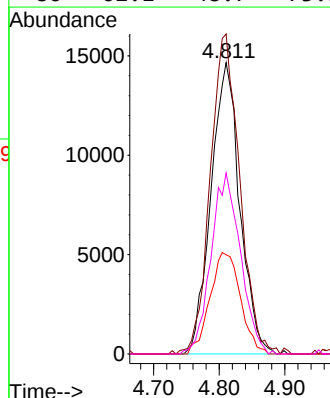
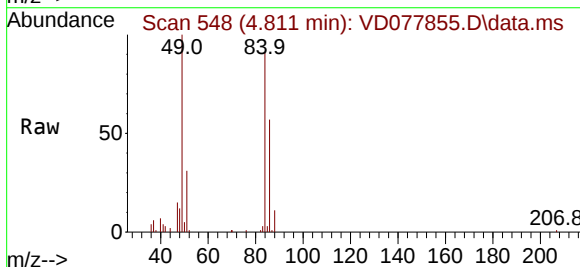
Manual Integrations
APPROVED

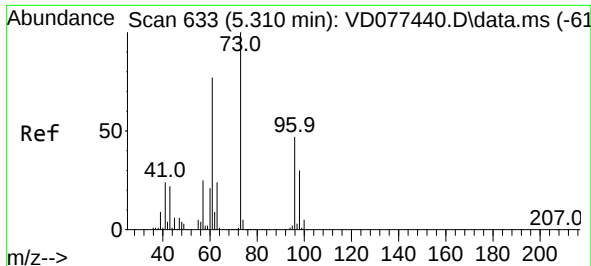
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#20
Methylene Chloride
Concen: 20.344 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

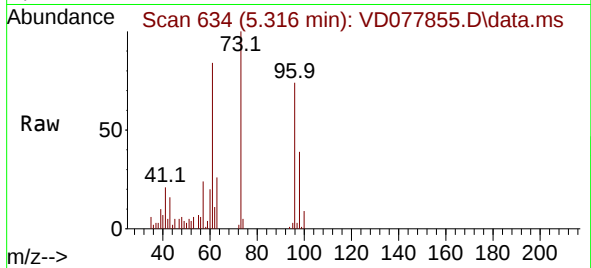
Tgt Ion: 84 Resp: 44728
Ion Ratio Lower Upper
84 100
49 109.8 71.4 107.2#
51 34.0 24.5 36.7
86 62.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.494 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

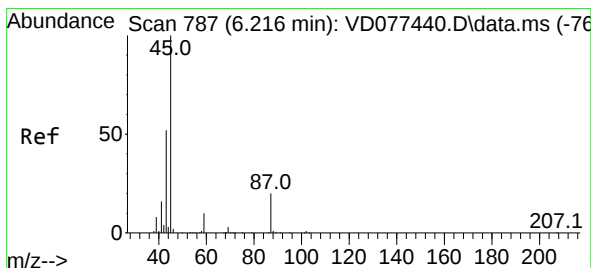
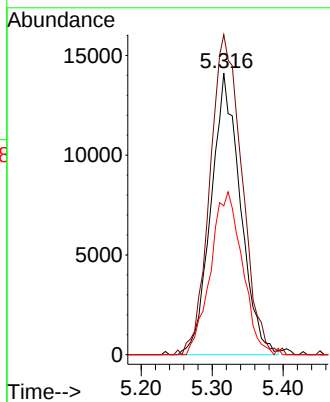
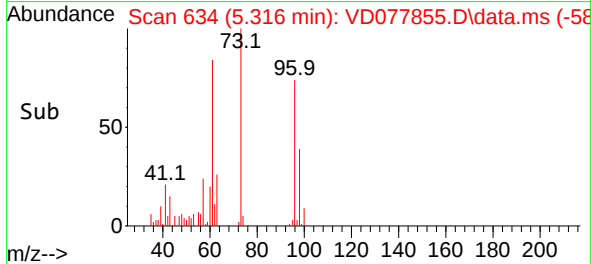
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



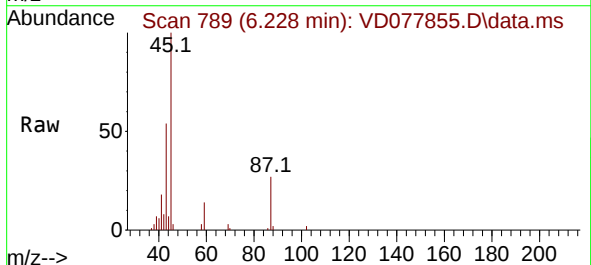
Tgt Ion: 96 Resp: 4040
Ion Ratio Lower Upper
96 100
61 112.4 89.3 133.9
98 52.8 48.6 73.0

Manual Integrations
APPROVED

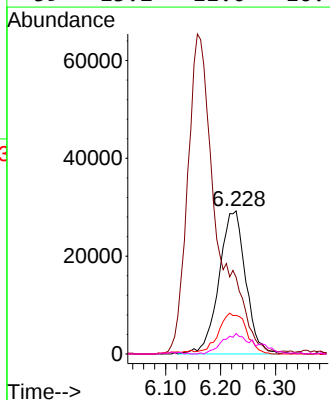
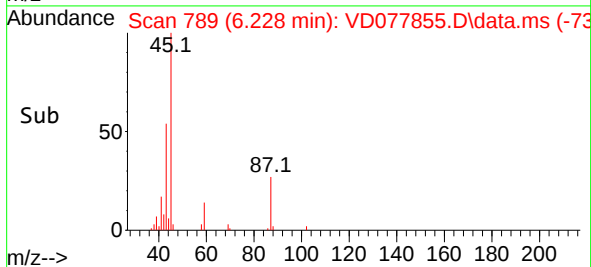
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

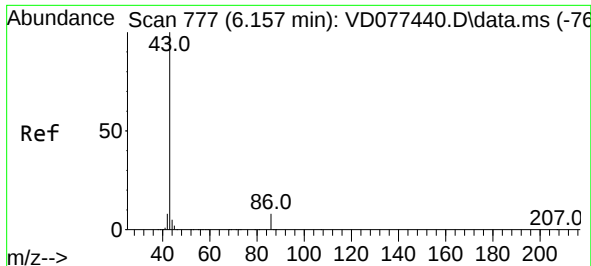


#22
Diisopropyl ether
Concen: 20.614 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion: 45 Resp: 98317
Ion Ratio Lower Upper
45 100
43 52.1 40.0 60.0
87 27.0 28.2 42.4#
59 13.2 11.0 16.4





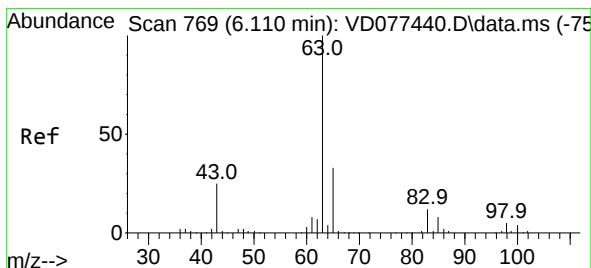
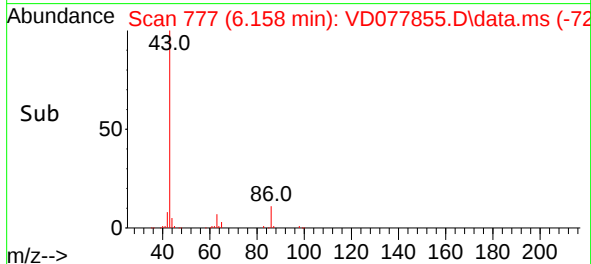
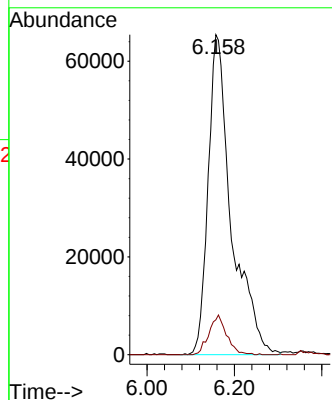
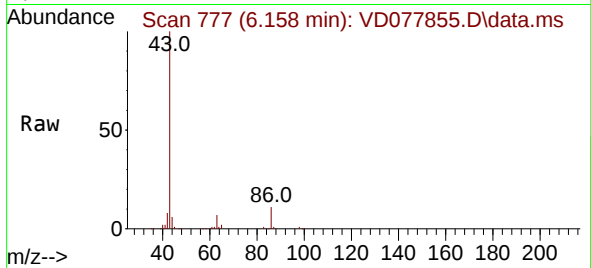
#23
 Vinyl Acetate
 Concen: 104.055 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Tgt Ion: 43 Resp: 242354
 Ion Ratio Lower Upper
 43 100
 86 10.9 12.5 18.7

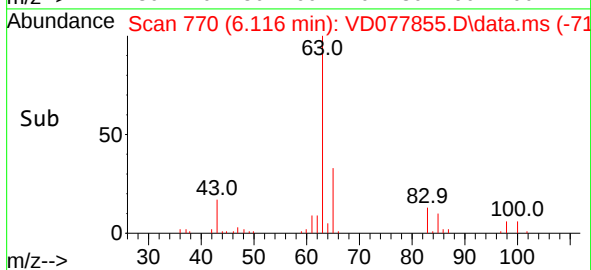
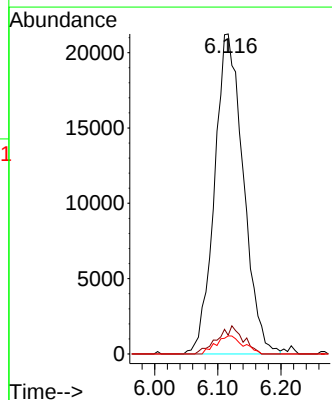
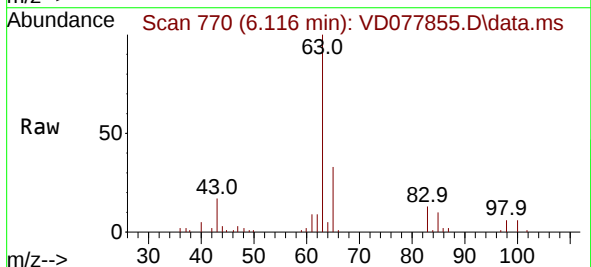
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 20.840 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

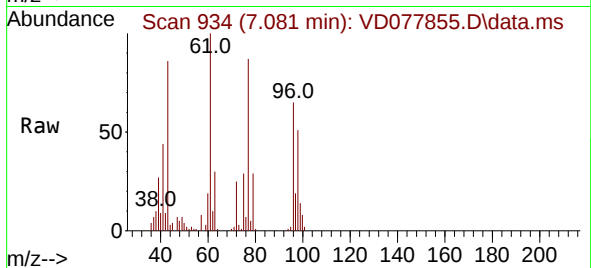
Tgt Ion: 63 Resp: 67311
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.5 13.7
 100 5.6 2.5 7.5





#25
2-Butanone
Concen: 112.023 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

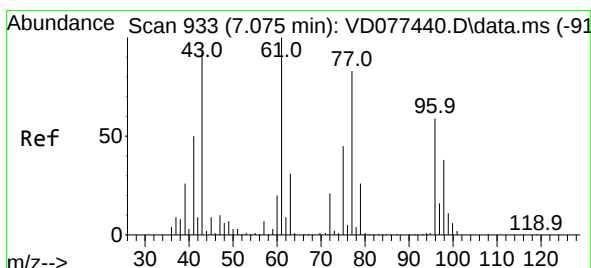
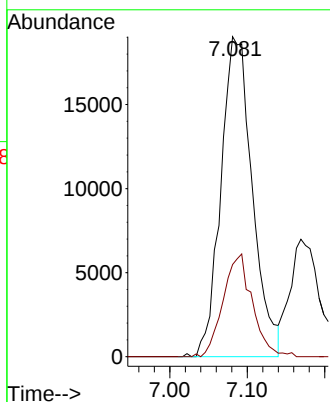
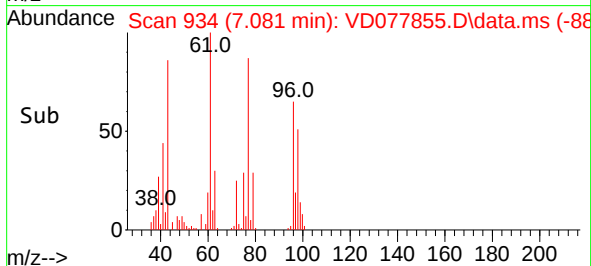
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion: 43 Resp: 53800
Ion Ratio Lower Upper
43 100
72 28.8 30.7 46.1

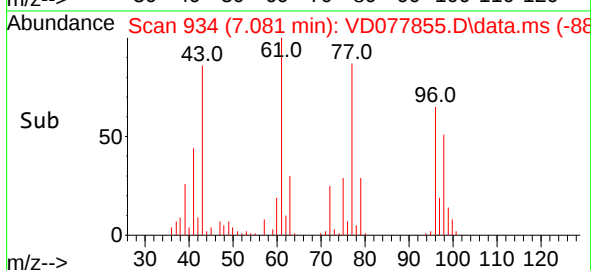
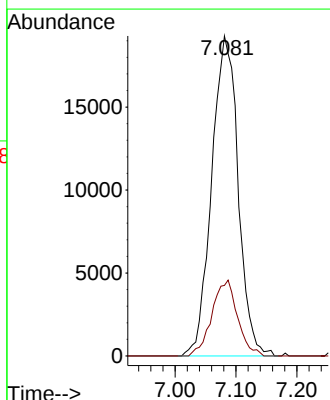
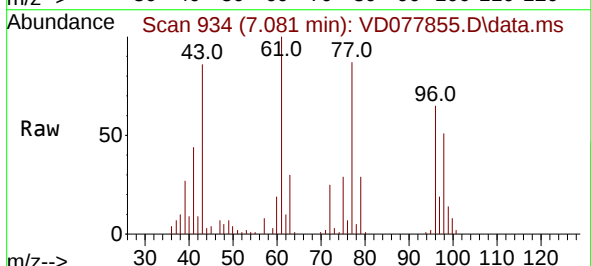
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#26
2,2-Dichloropropane
Concen: 21.459 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

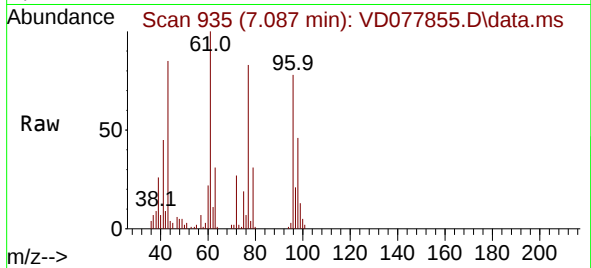
Tgt Ion: 77 Resp: 58192
Ion Ratio Lower Upper
77 100
97 22.9 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 21.815 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

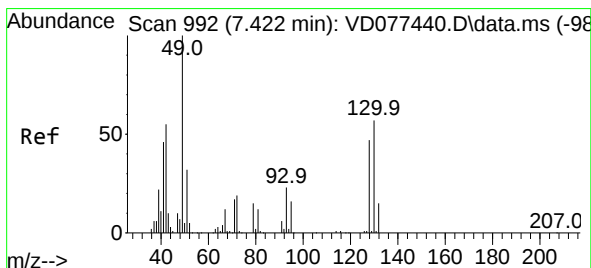
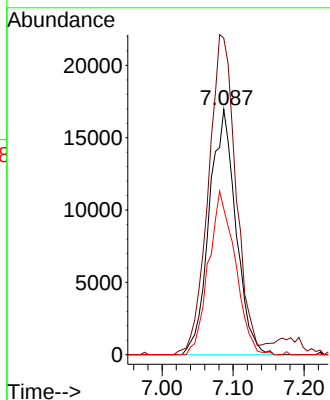
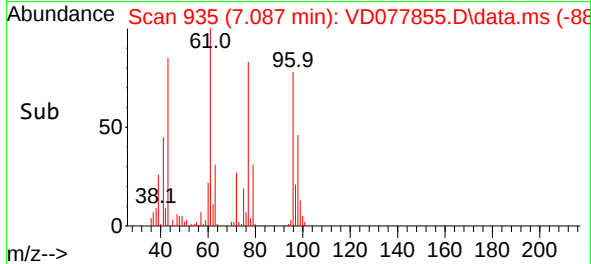
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion: 96 Resp: 4412
Ion Ratio Lower Upper
96 100
61 135.0 0.0 239.2
98 66.4 0.0 128.6

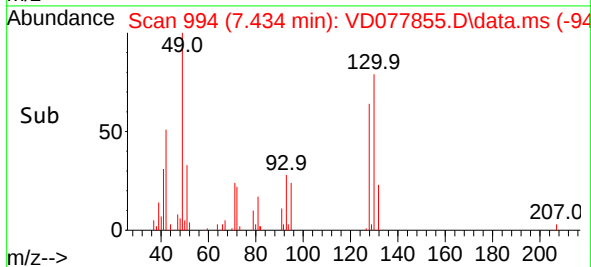
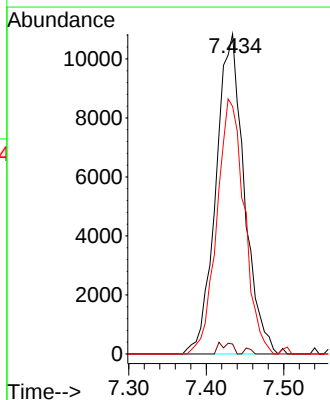
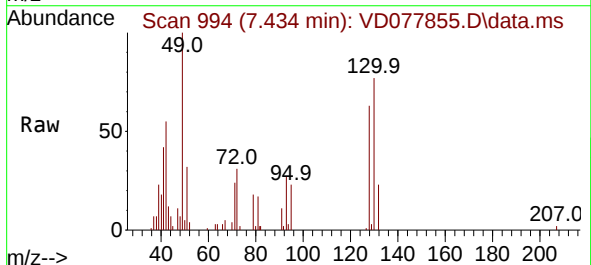
Manual Integrations
APPROVED

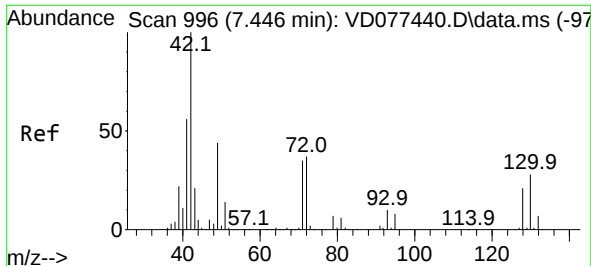
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#28
Bromochloromethane
Concen: 21.137 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

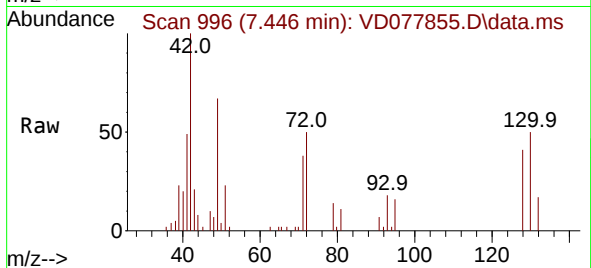
Tgt Ion: 49 Resp: 27586
Ion Ratio Lower Upper
49 100
129 1.7 0.0 6.0
130 77.2 83.2 124.8#





#29
Tetrahydrofuran
Concen: 108.162 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

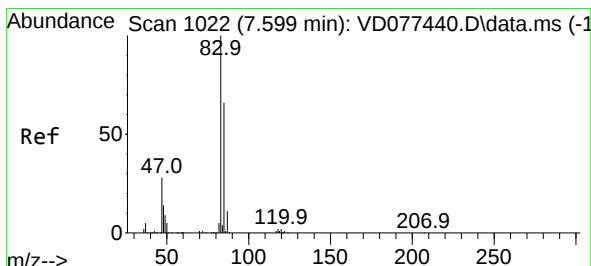
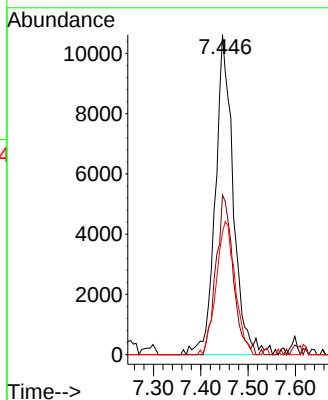
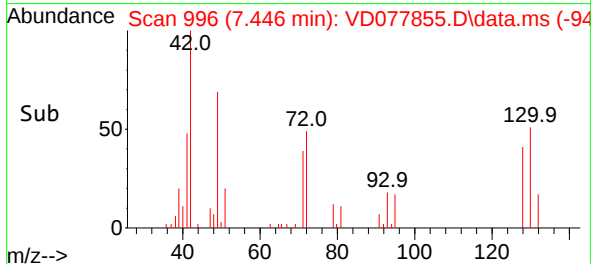
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion: 42 Resp: 28019
Ion Ratio Lower Upper
42 100
72 47.5 46.5 69.7
71 43.8 44.5 66.7

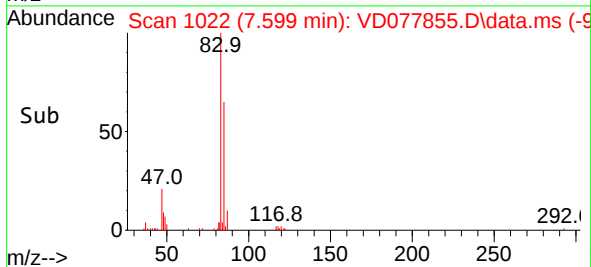
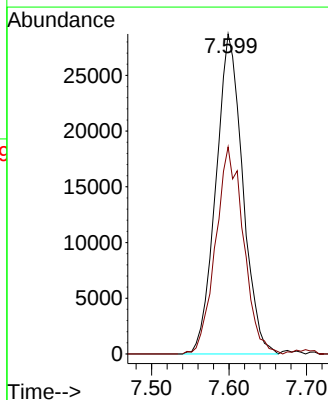
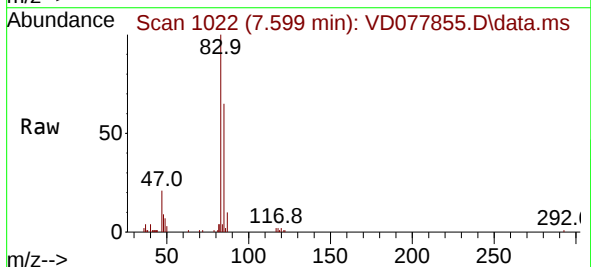
Manual Integrations
APPROVED

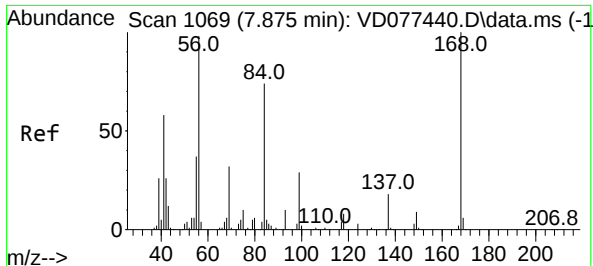
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#30
Chloroform
Concen: 21.355 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

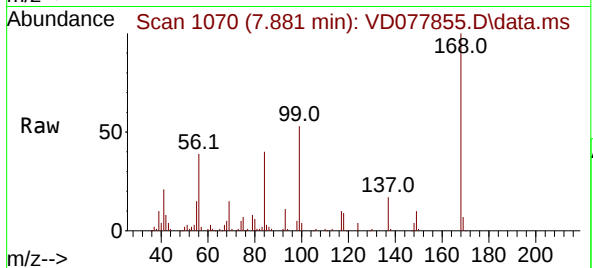
Tgt Ion: 83 Resp: 69031
Ion Ratio Lower Upper
83 100
85 64.7 53.4 80.2





#31
Cyclohexane
Concen: 20.490 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

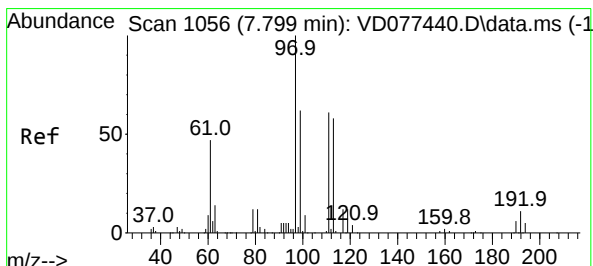
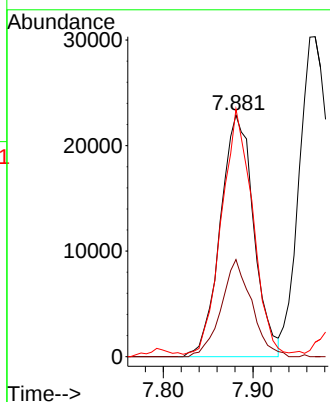
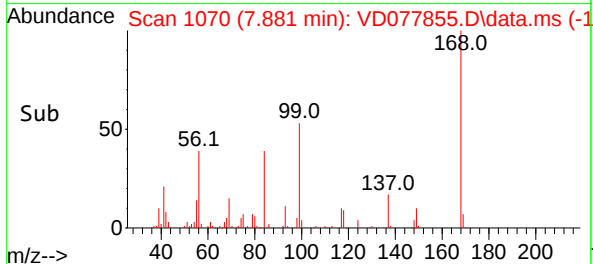
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



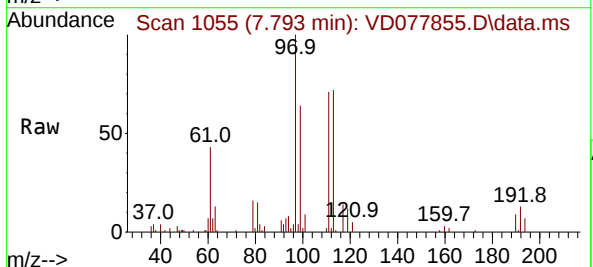
Tgt Ion: 56 Resp: 5928
Ion Ratio Lower Upper
56 100
69 40.2 28.6 43.0
84 100.9 84.8 127.2

Manual Integrations
APPROVED

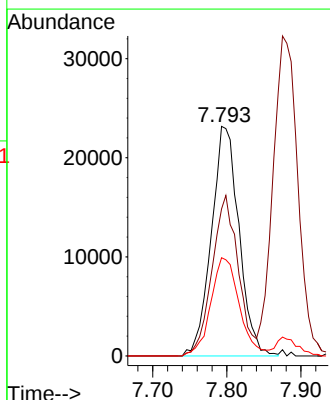
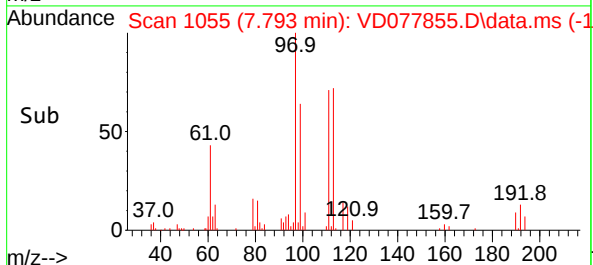
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

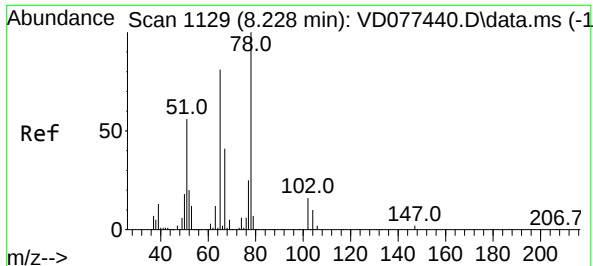


#32
1,1,1-Trichloroethane
Concen: 21.025 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion: 97 Resp: 59914
Ion Ratio Lower Upper
97 100
99 66.4 52.0 78.0
61 44.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.373 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 65 Resp: 70558

Ion Ratio Lower Upper

65 100

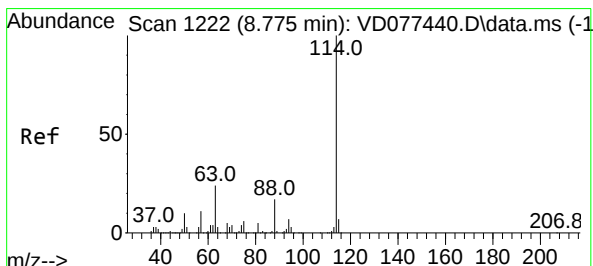
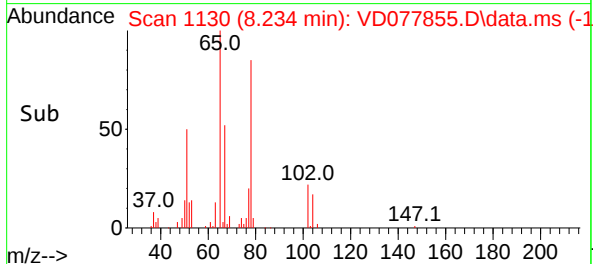
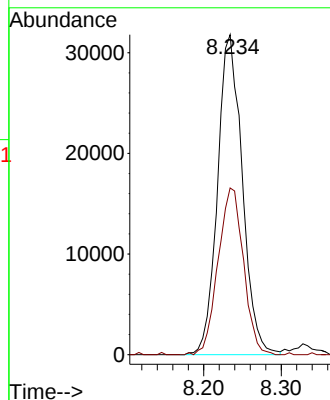
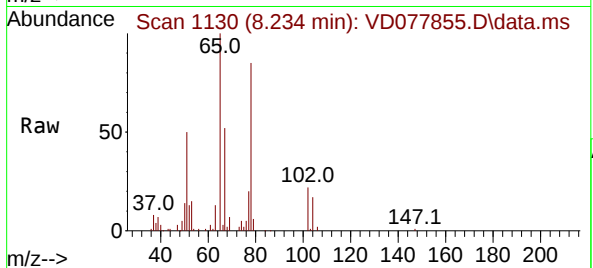
67 53.5 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

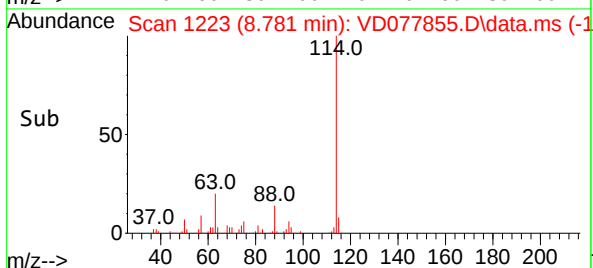
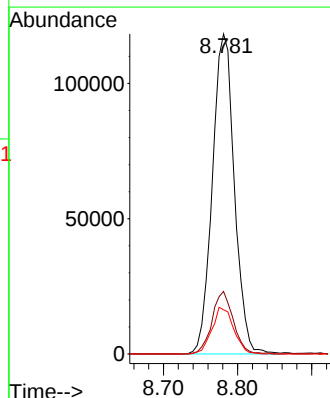
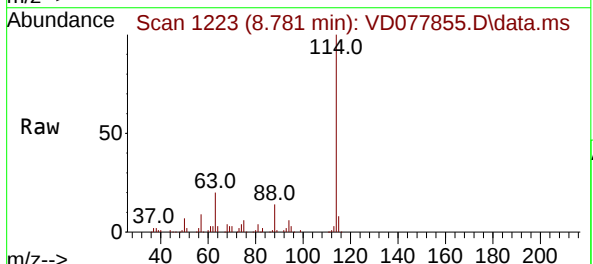
Tgt Ion:114 Resp: 244094

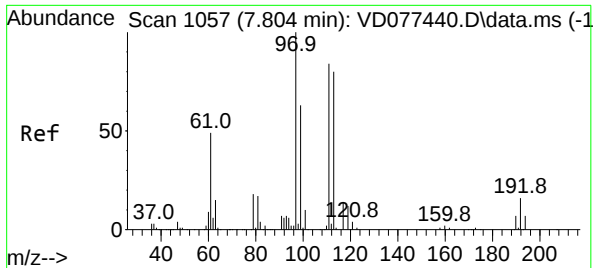
Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

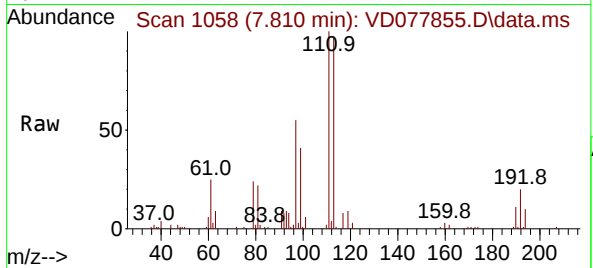
88 13.8 0.0 26.2





#35
Dibromofluoromethane
Concen: 42.710 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

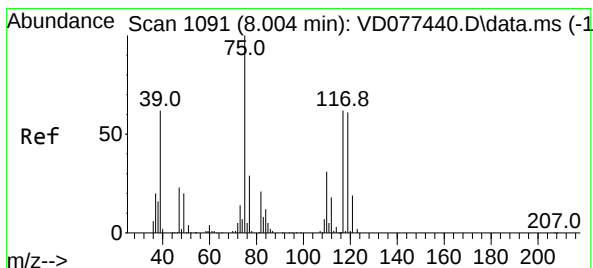
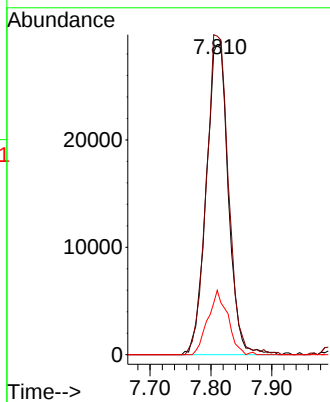
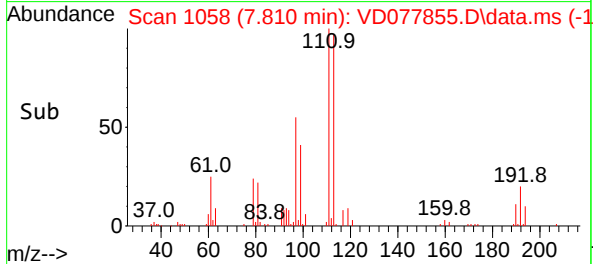
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 113 Resp: 73025
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 18.7 16.8 25.2

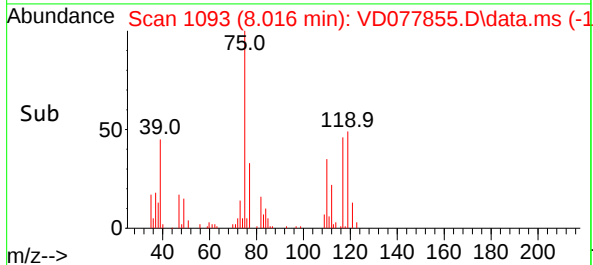
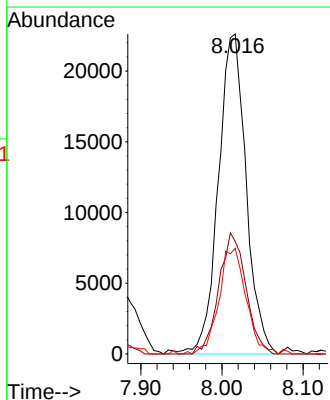
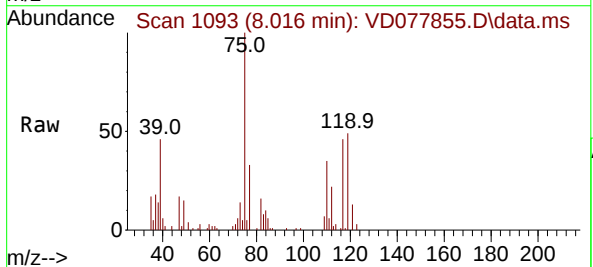
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#36
1,1-Dichloropropene
Concen: 19.621 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 75 Resp: 53661
Ion Ratio Lower Upper
75 100
110 37.0 19.9 59.6
77 32.4 24.7 37.1





#37

Ethyl Acetate

Concen: 15.930 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077855.D

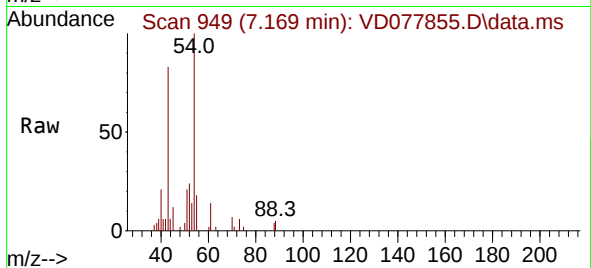
Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

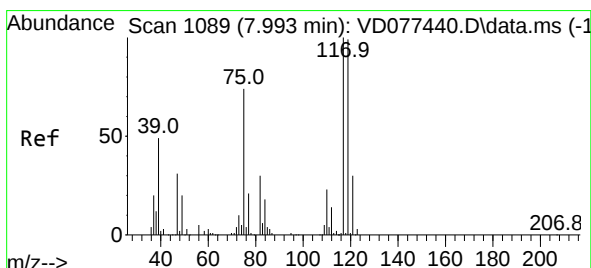
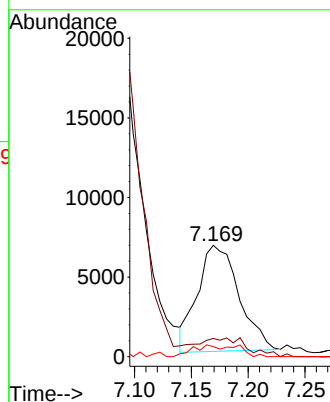
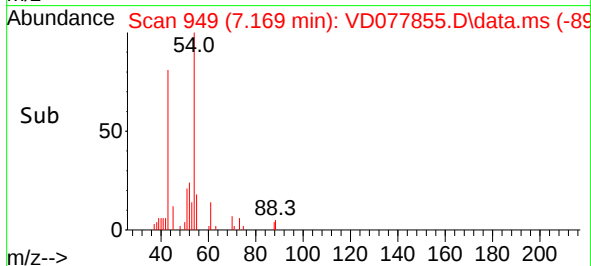


Tgt Ion:	43	Resp:	1698
Ion Ratio	Lower	Upper	
43	100		
61	0.0	14.9	22.3
70	6.9	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#38

Carbon Tetrachloride

Concen: 19.838 ug/l

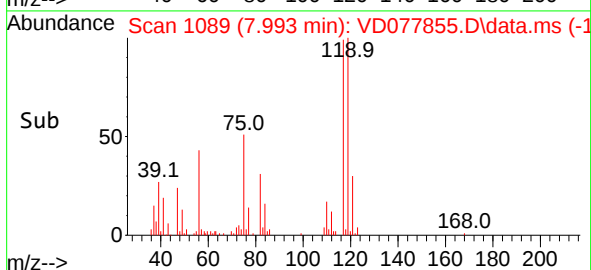
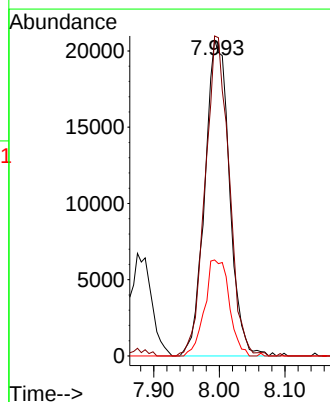
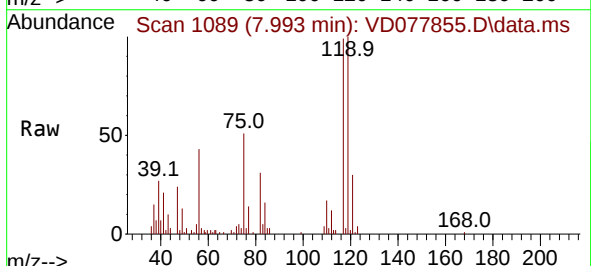
RT: 7.993 min Scan# 1089

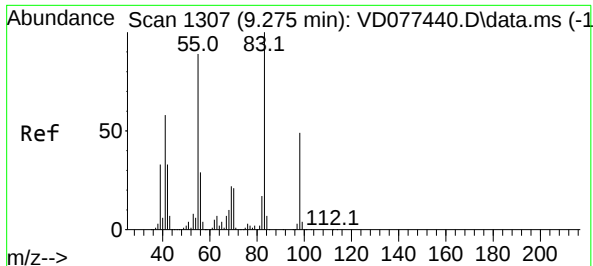
Delta R.T. -0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Tgt Ion:	117	Resp:	54090
Ion Ratio	Lower	Upper	
117	100		
119	100.5	78.0	117.0
121	30.4	24.2	36.2





#39

Methylcyclohexane

Concen: 19.903 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

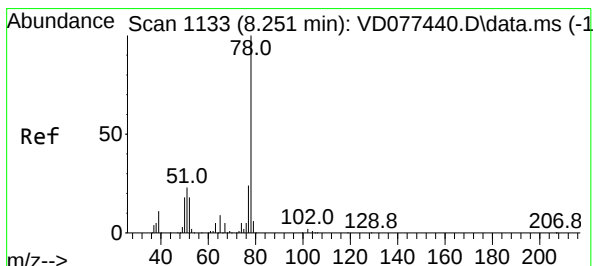
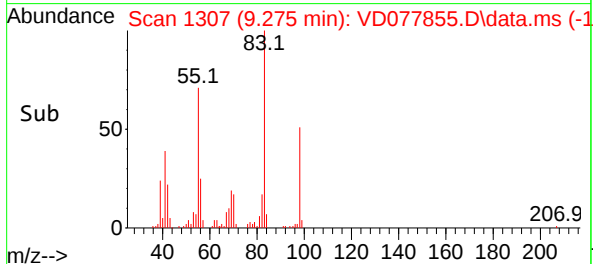
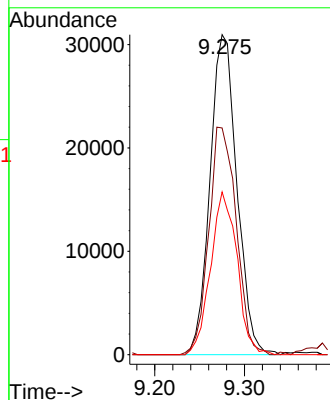
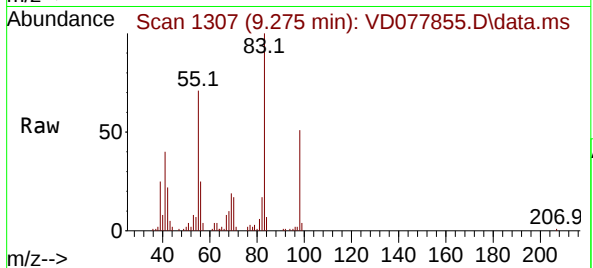
VD1213SBS01

Tgt Ion:	83	Resp:	6453
Ion Ratio	Lower	Upper	
83	100		
55	70.9	49.4	74.0
98	50.9	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#40

Benzene

Concen: 20.146 ug/l

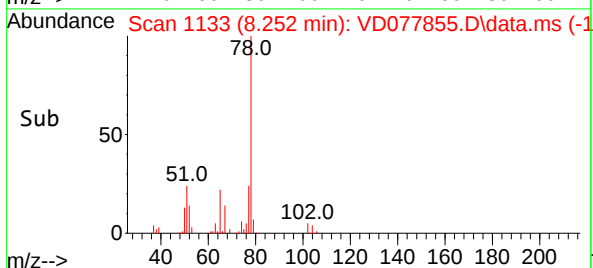
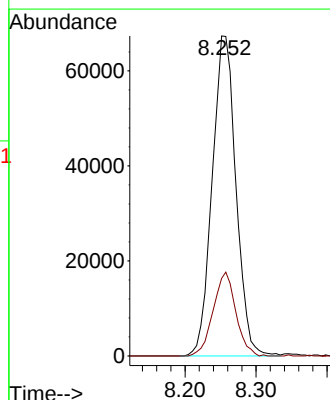
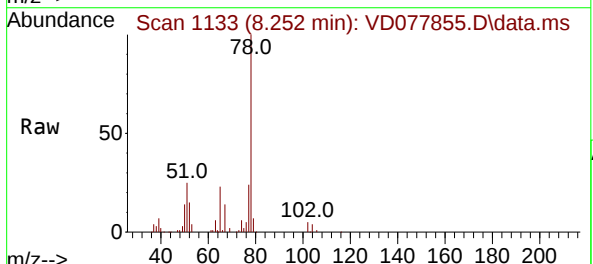
RT: 8.252 min Scan# 1133

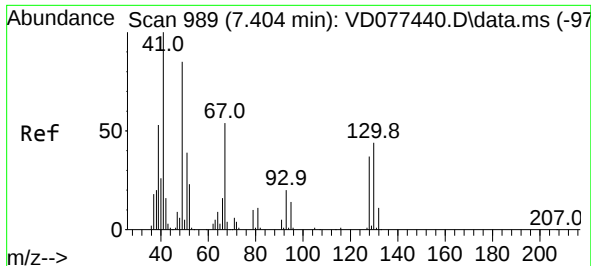
Delta R.T. 0.001 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

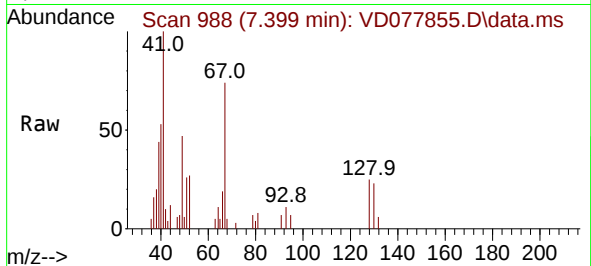
Tgt Ion:	78	Resp:	156379
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.4	29.0





#41
Methacrylonitrile
Concen: 17.642 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

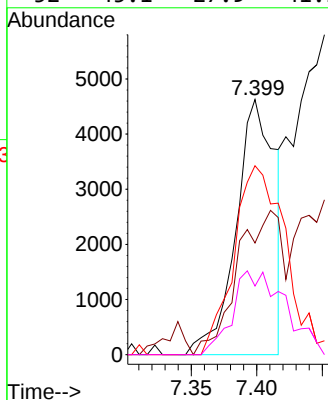
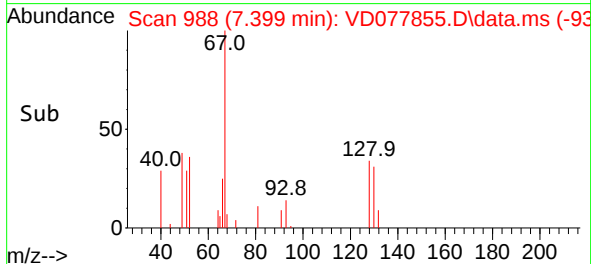
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion: 41 Resp: 956
Ion Ratio Lower Upper
41 100
39 65.4 34.0 51.0
67 99.2 77.0 115.4
52 45.1 27.9 41.9#

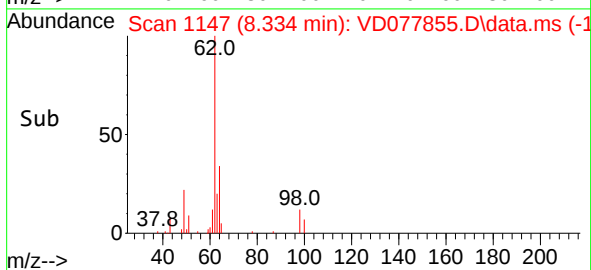
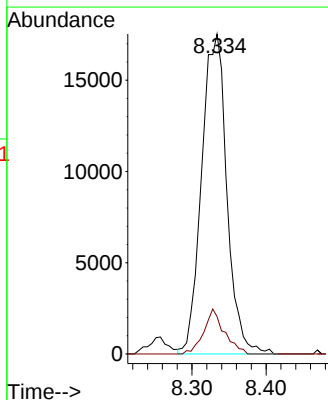
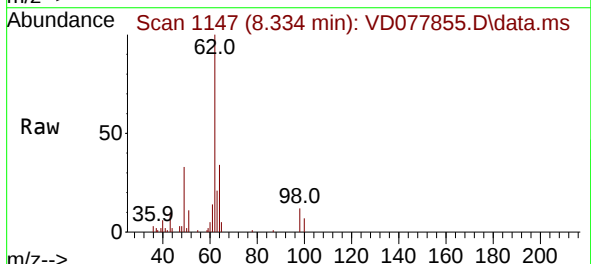
Manual Integrations
APPROVED

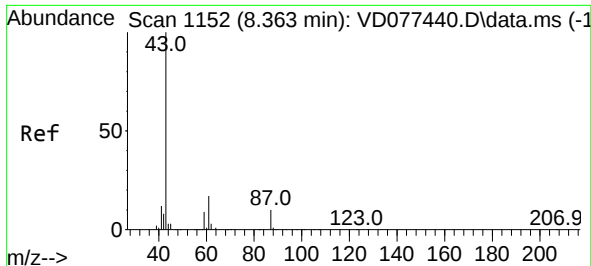
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#42
1,2-Dichloroethane
Concen: 20.654 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

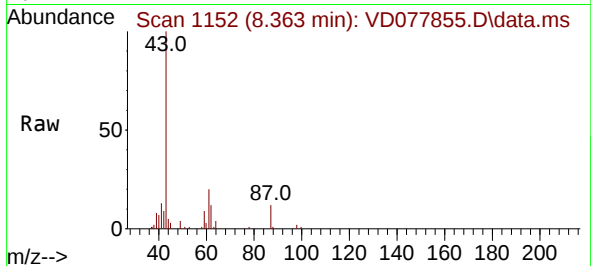
Tgt Ion: 62 Resp: 41557
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 19.949 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

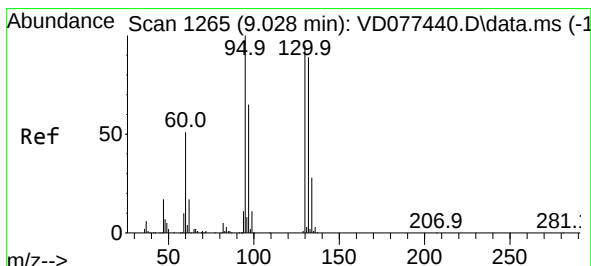
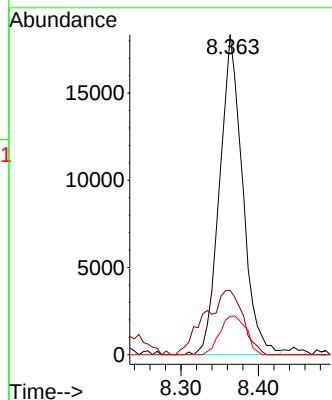
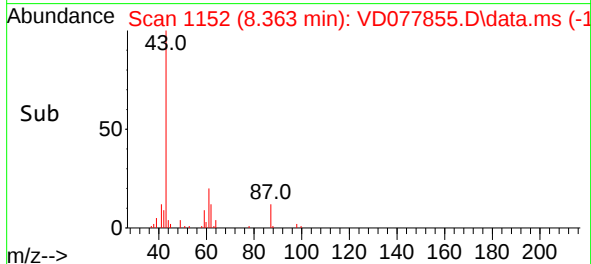
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



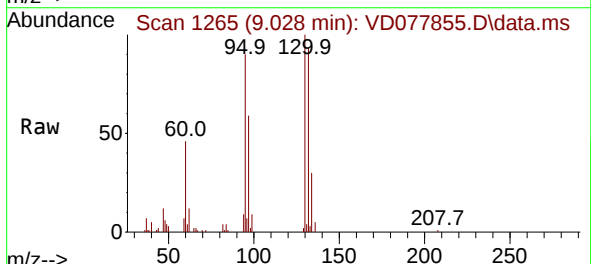
Tgt Ion: 43 Resp: 3781
Ion Ratio Lower Upper
43 100
61 33.3 31.4 47.0
87 13.9 14.9 22.3

Manual Integrations
APPROVED

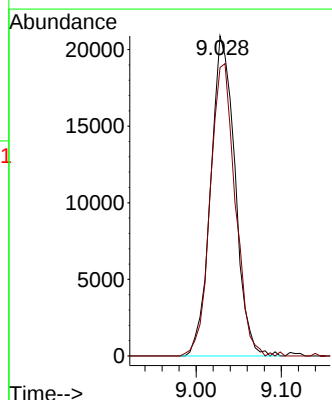
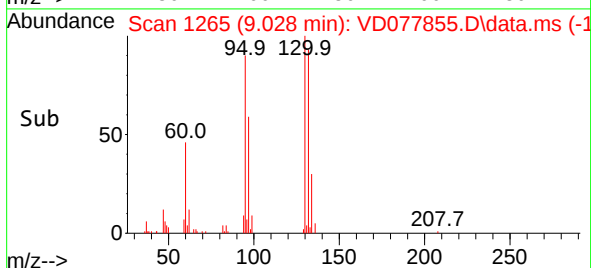
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#44
Trichloroethene
Concen: 20.451 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion:130 Resp: 41368
Ion Ratio Lower Upper
130 100
95 90.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.364 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 63 Resp: 38420

Ion Ratio Lower Upper

63 100

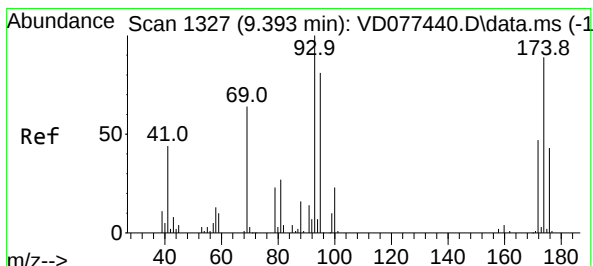
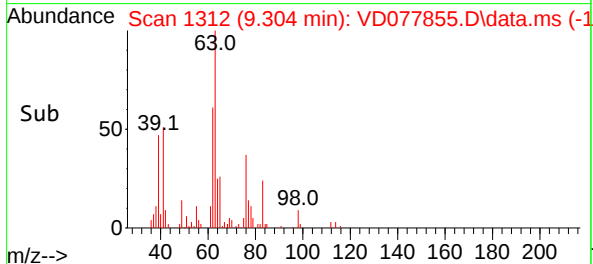
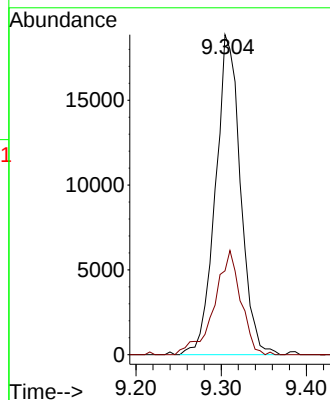
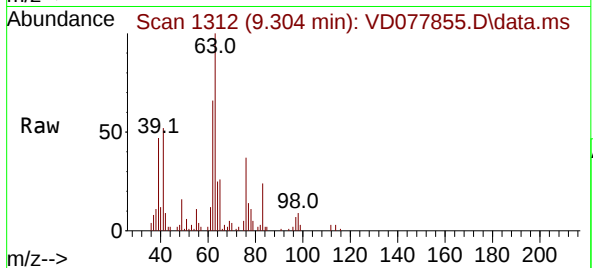
65 26.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#46

Dibromomethane

Concen: 20.589 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

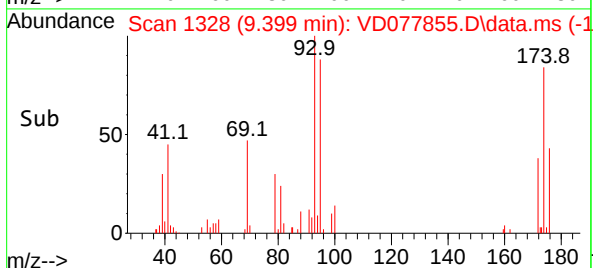
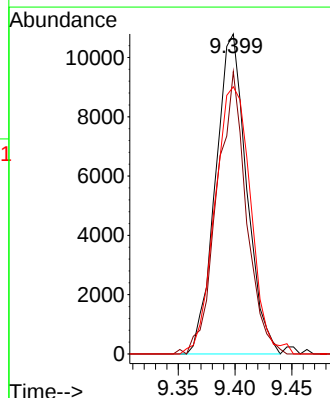
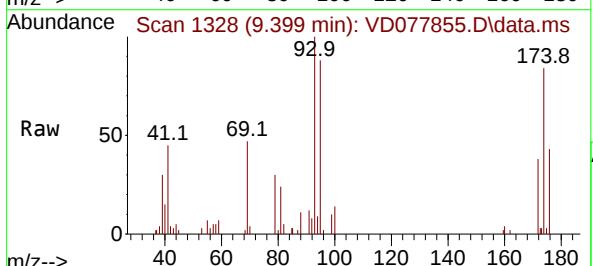
Tgt Ion: 93 Resp: 20557

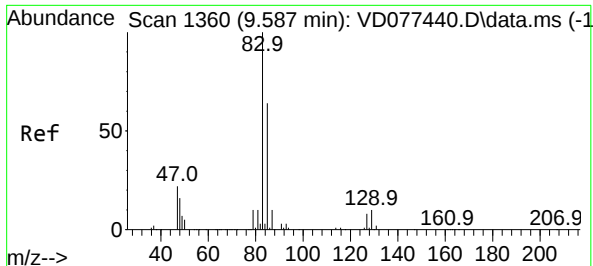
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 95.8 85.4 128.2





#47

Bromodichloromethane

Concen: 20.549 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBSD01

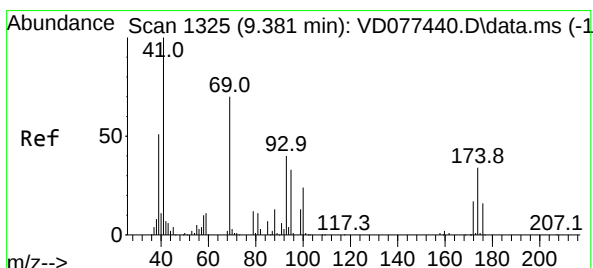
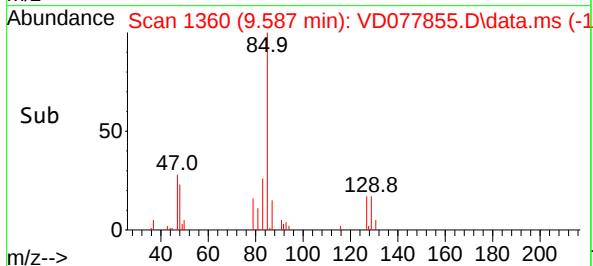
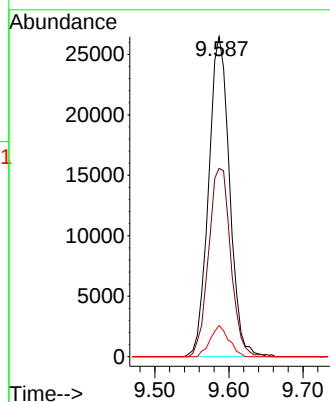
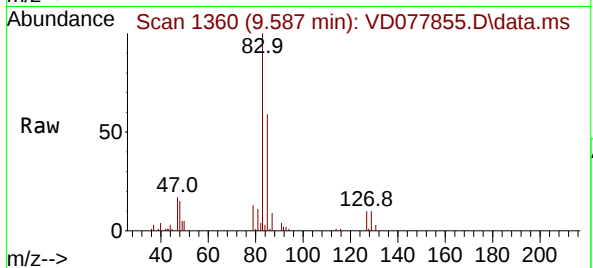
Tgt Ion:	83	Resp:	52004
Ion	Ratio	Lower	Upper
83	100		
85	58.9	50.2	75.4
127	9.8	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#48

Methyl methacrylate

Concen: 18.965 ug/l

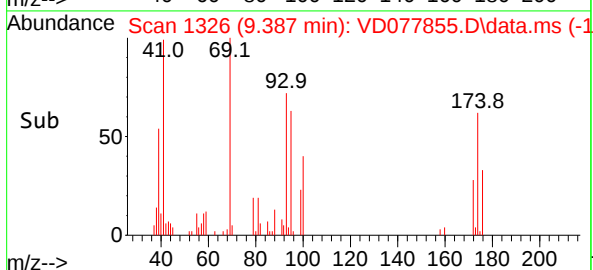
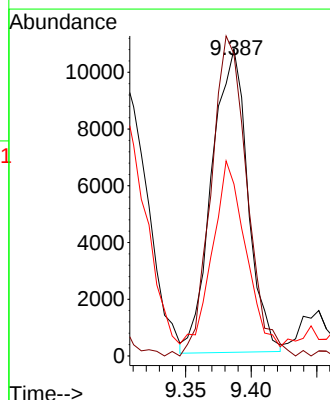
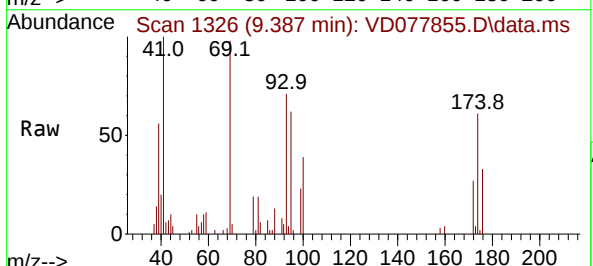
RT: 9.387 min Scan# 1326

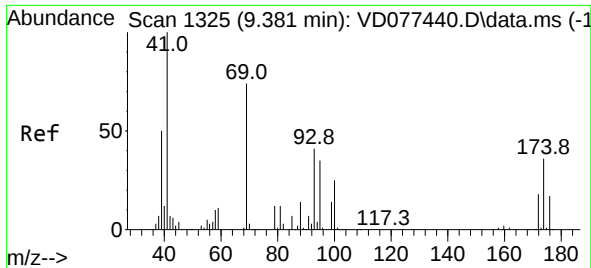
Delta R.T. 0.006 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

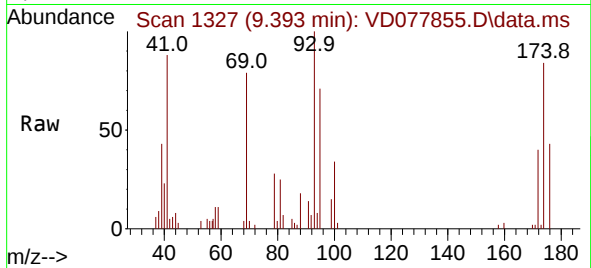
Tgt Ion:	41	Resp:	20436
Ion	Ratio	Lower	Upper
41	100		
69	104.6	102.2	153.2
39	58.3	41.4	62.2





#49
1,4-Dioxane
Concen: 369.979 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

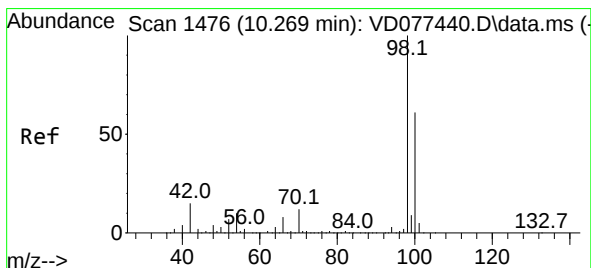
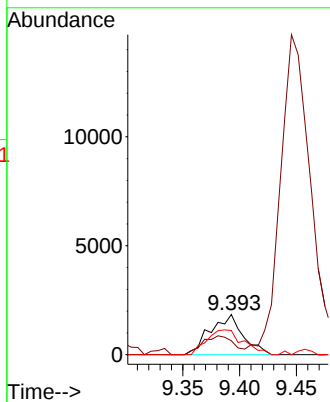
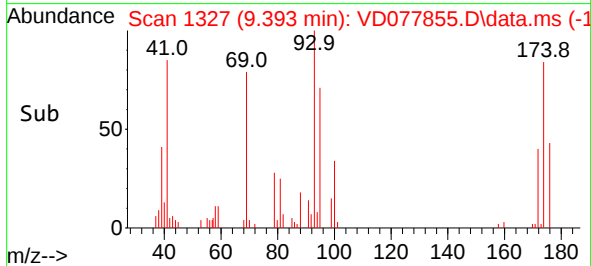
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion: 88 Resp: 366
Ion Ratio Lower Upper
88 100
43 46.0 19.0 28.6
58 69.2 43.5 65.3

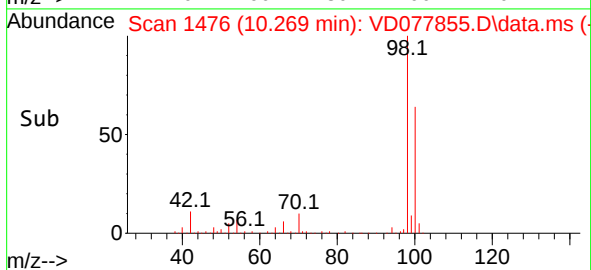
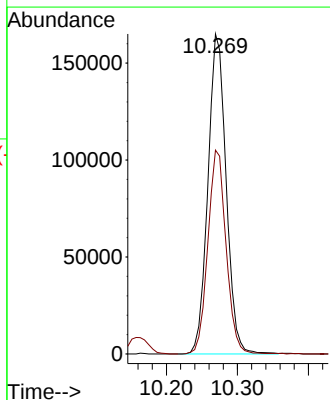
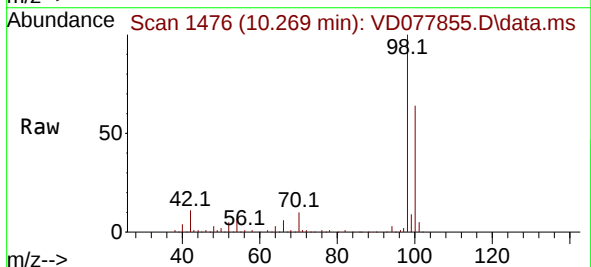
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#50
Toluene-d8
Concen: 42.961 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

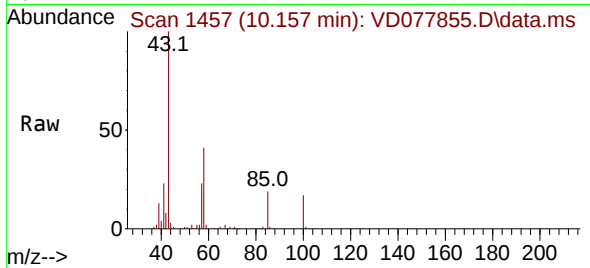
Tgt Ion: 98 Resp: 294193
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 96.770 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

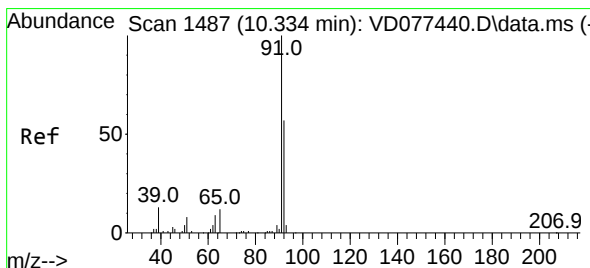
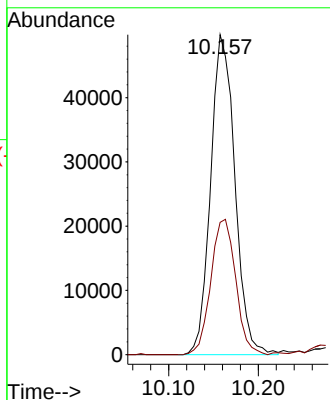
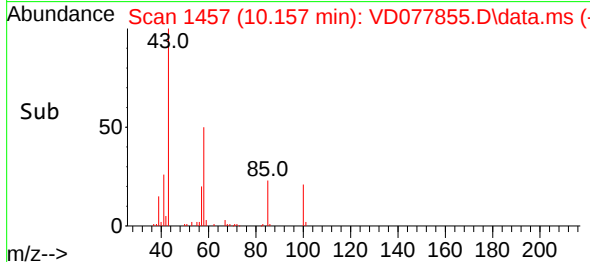
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



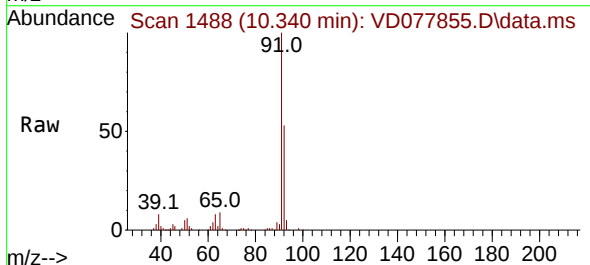
Tgt Ion: 43 Resp: 9362
Ion Ratio Lower Upper
43 100
58 43.3 38.9 58.3

Manual Integrations
APPROVED

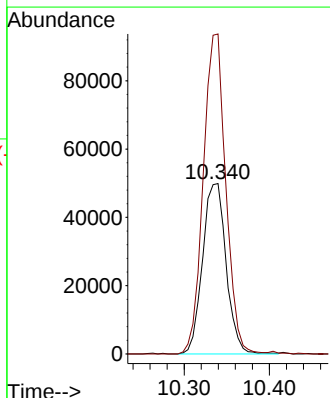
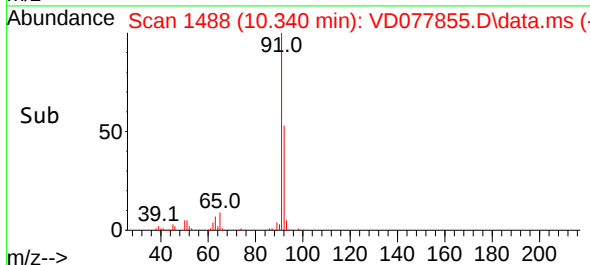
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

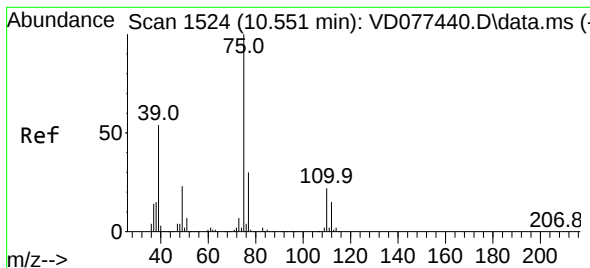


#52
Toluene
Concen: 19.929 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



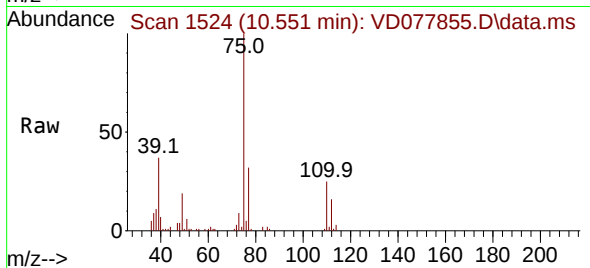
Tgt Ion: 92 Resp: 95957
Ion Ratio Lower Upper
92 100
91 179.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 19.837 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

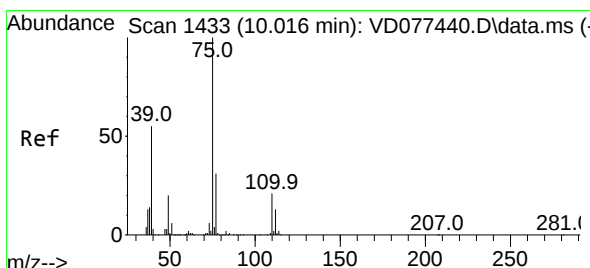
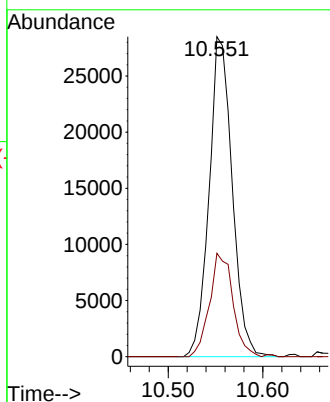
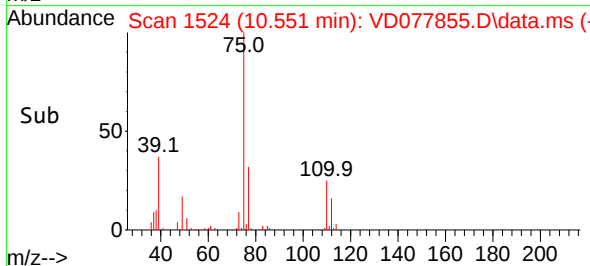
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



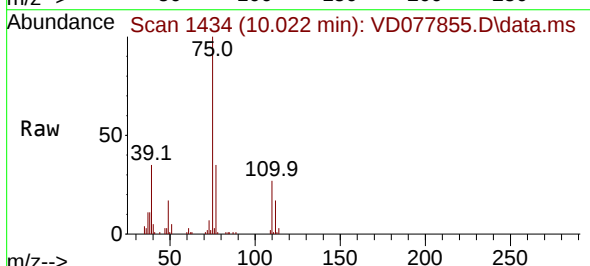
Tgt Ion: 75 Resp: 48208
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

Manual Integrations
APPROVED

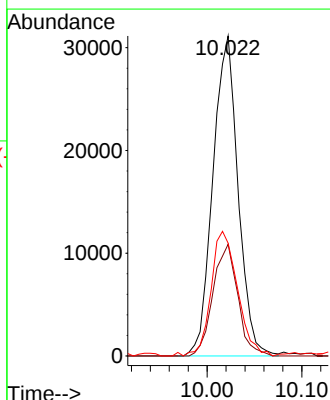
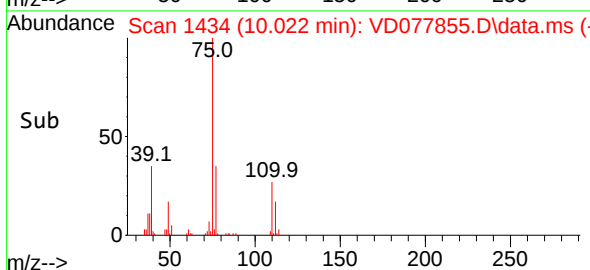
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

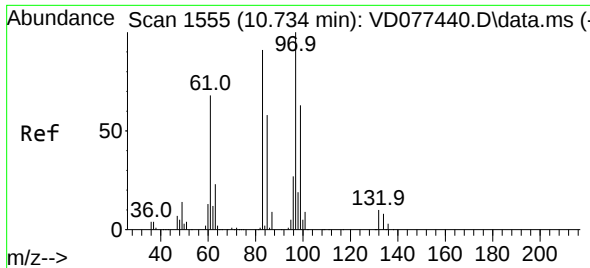


#54
cis-1,3-Dichloropropene
Concen: 19.578 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



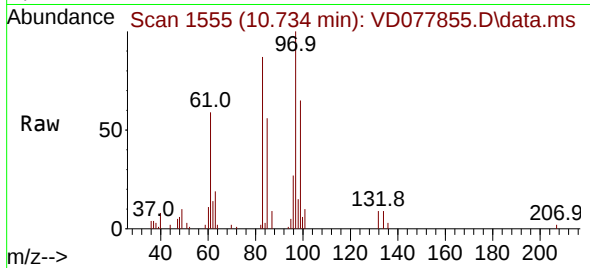
Tgt Ion: 75 Resp: 57524
Ion Ratio Lower Upper
75 100
77 34.9 25.5 38.3
39 34.7 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.204 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

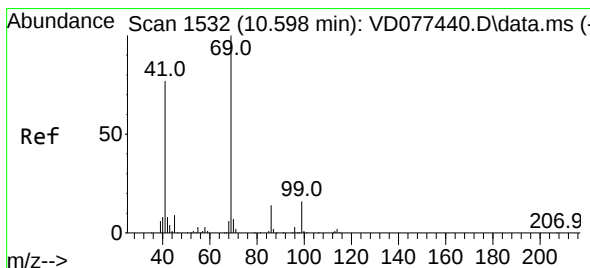
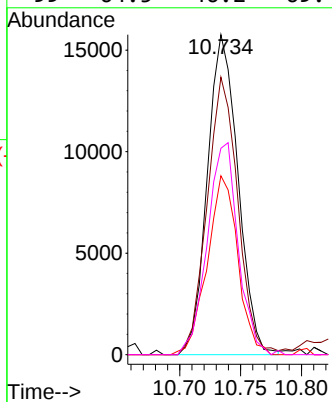
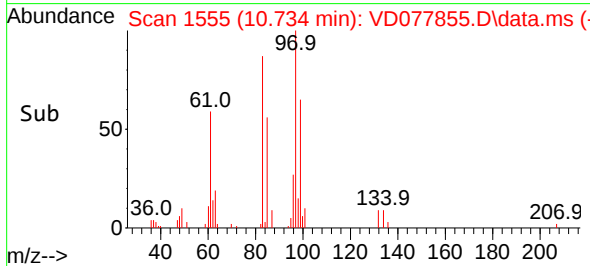
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion:	97	Resp:	2759
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.6
85	55.9	45.7	68.5
99	64.5	46.2	69.4

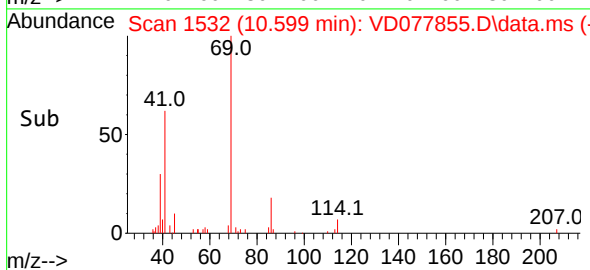
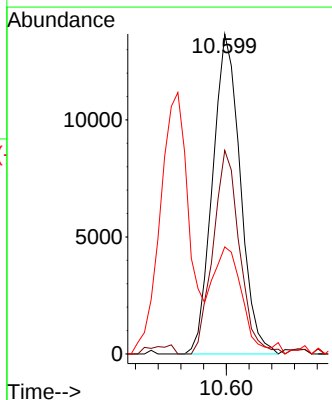
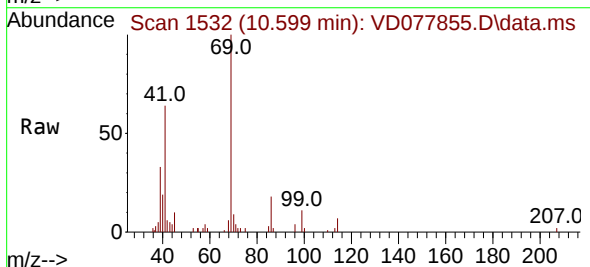
Manual Integrations
APPROVED

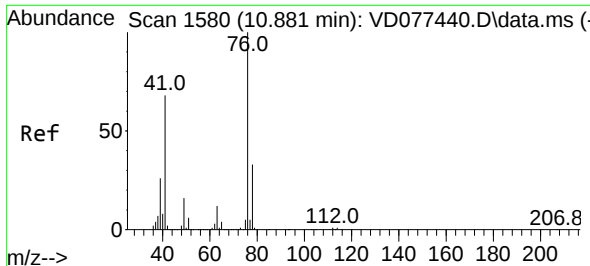
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#56
Ethyl methacrylate
Concen: 19.223 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:	69	Resp:	23142
Ion	Ratio	Lower	Upper
69	100		
41	61.0	39.1	58.7#
39	35.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.764 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBSD01

Tgt Ion: 76 Resp: 48880

Ion Ratio Lower Upper

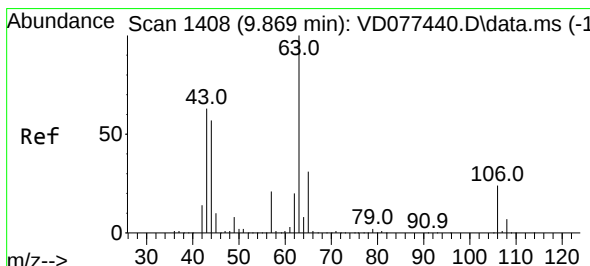
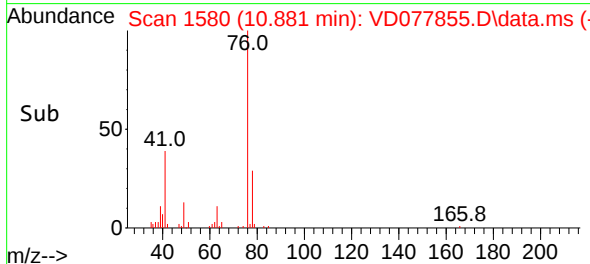
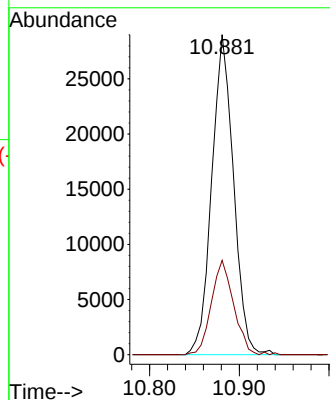
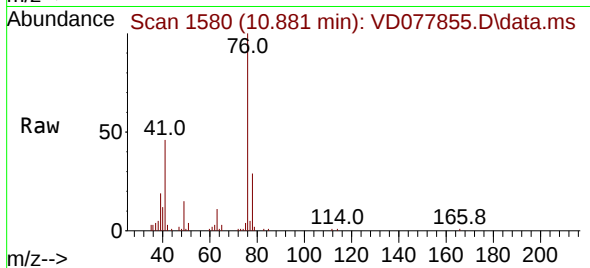
76 100

78 30.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.341 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077855.D

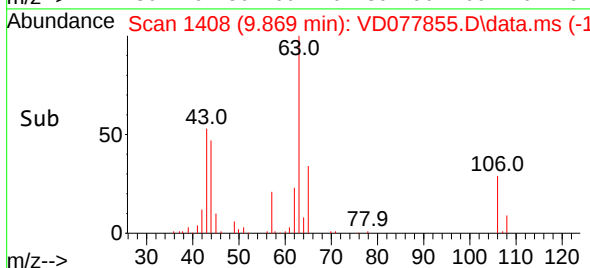
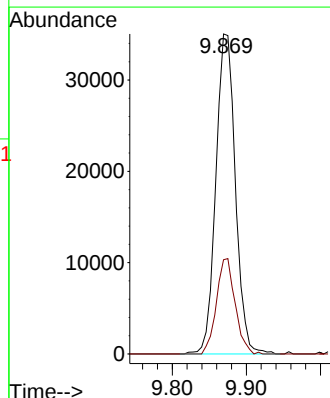
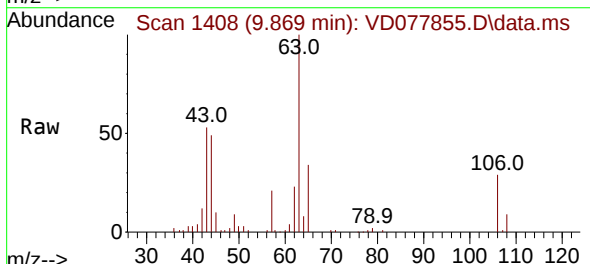
Acq: 13 Dec 2023 12:03

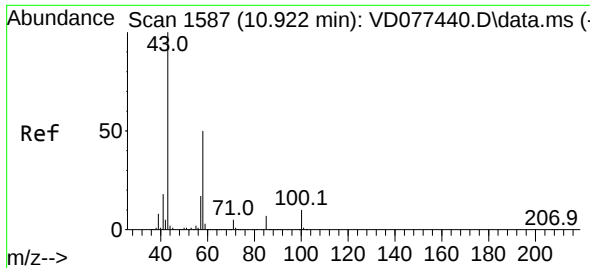
Tgt Ion: 63 Resp: 64084

Ion Ratio Lower Upper

63 100

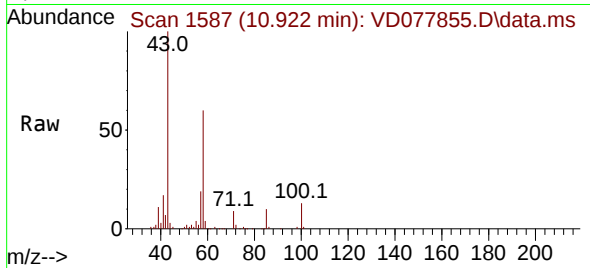
106 28.5 25.3 37.9





#59
2-Hexanone
Concen: 105.986 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

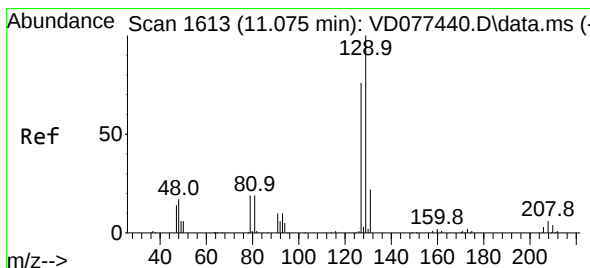
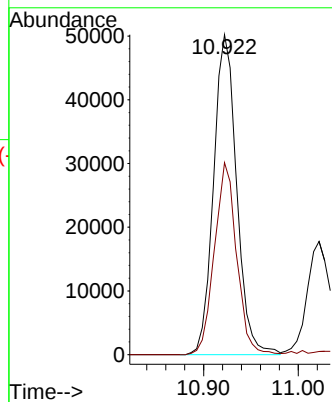
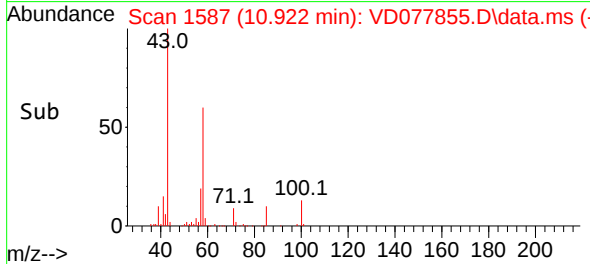
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion: 43 Resp: 8507
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2

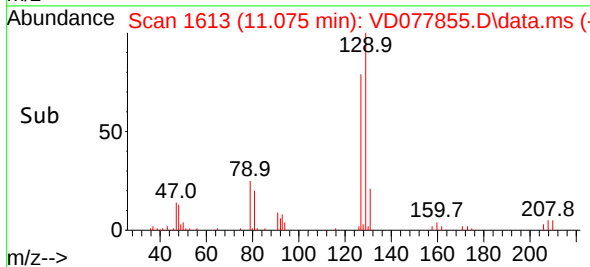
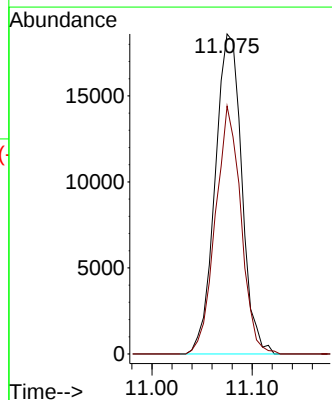
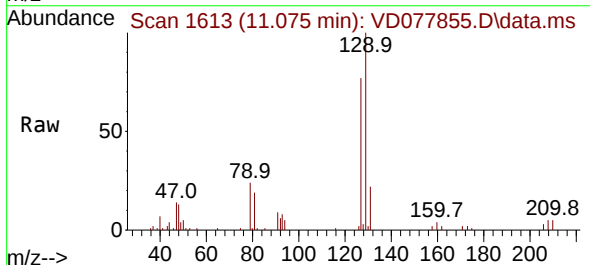
Manual Integrations
APPROVED

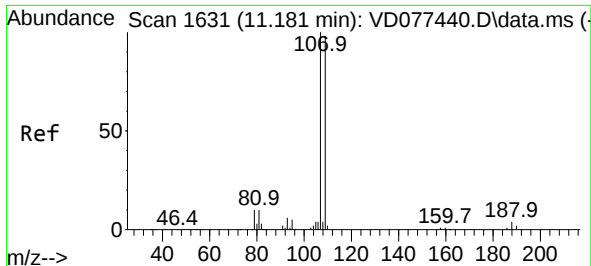
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#60
Dibromochloromethane
Concen: 20.864 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

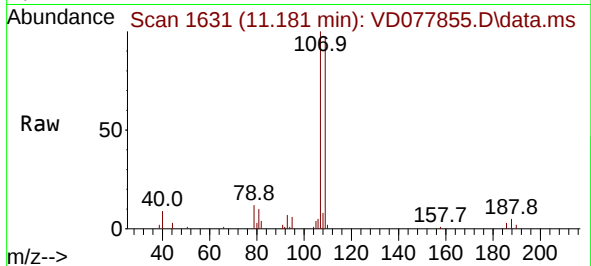
Tgt Ion:129 Resp: 34306
Ion Ratio Lower Upper
129 100
127 74.1 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.050 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

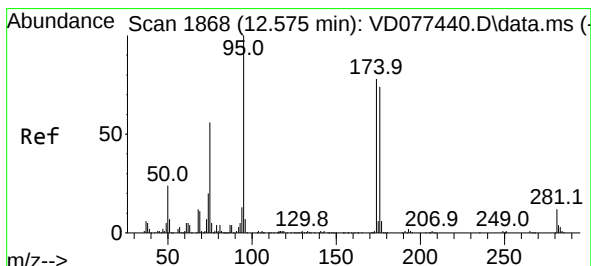
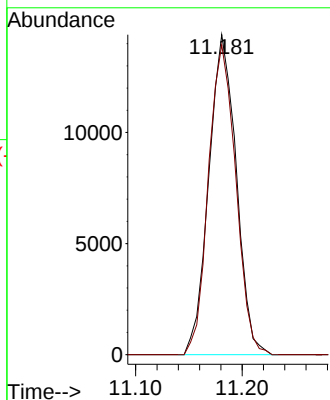
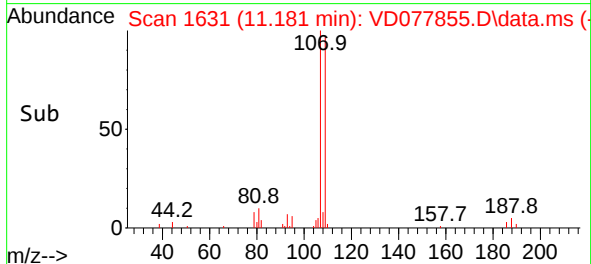
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



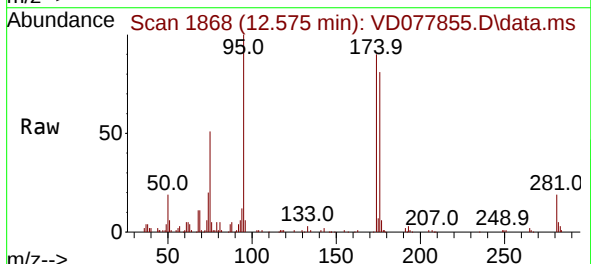
Tgt Ion:107 Resp: 25770
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4

Manual Integrations
APPROVED

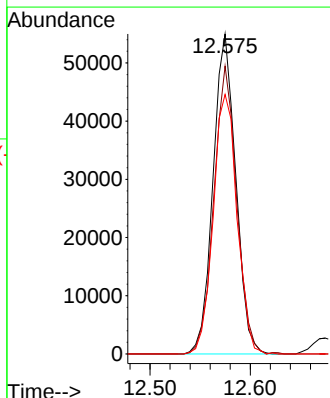
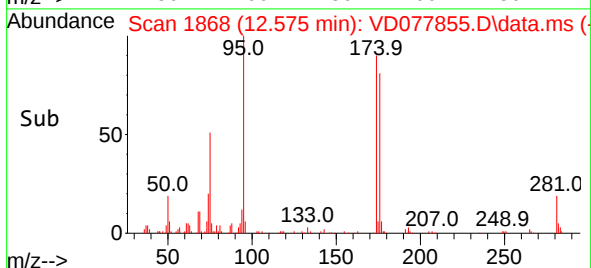
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

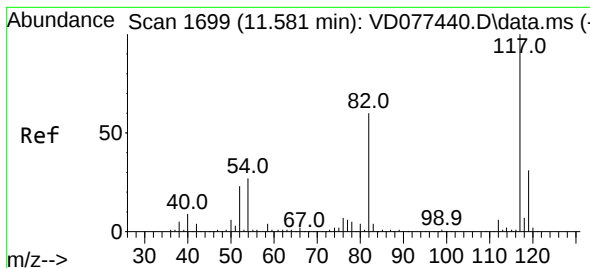


#62
4-Bromofluorobenzene
Concen: 42.181 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



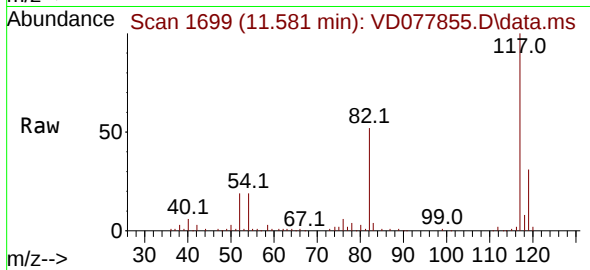
Tgt Ion: 95 Resp: 86360
Ion Ratio Lower Upper
95 100
174 90.4 0.0 201.8
176 85.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

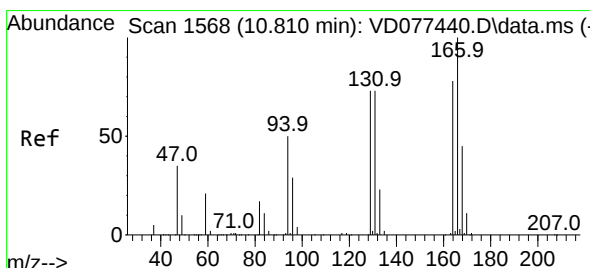
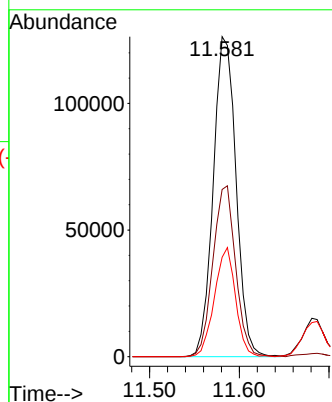
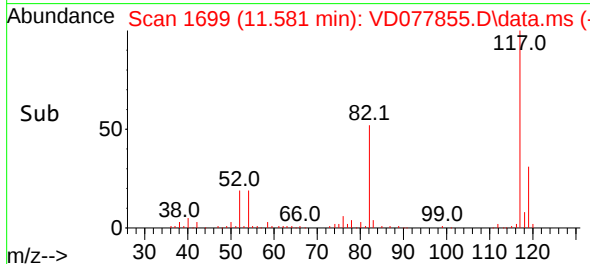
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



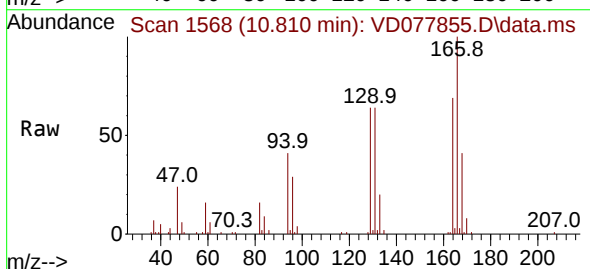
Tgt Ion:117 Resp: 222952
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 31.1 25.0 37.4

Manual Integrations
APPROVED

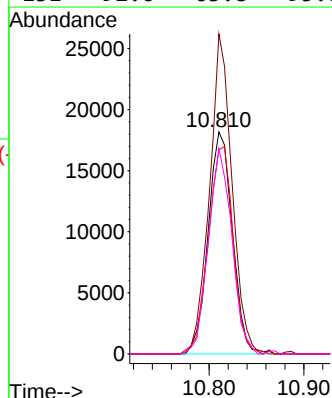
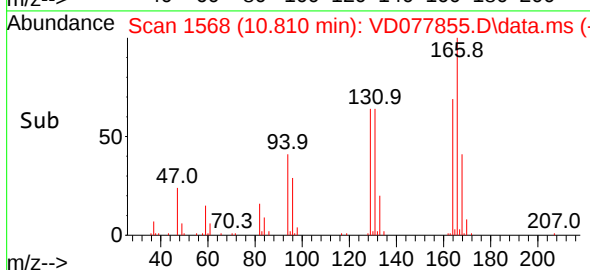
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

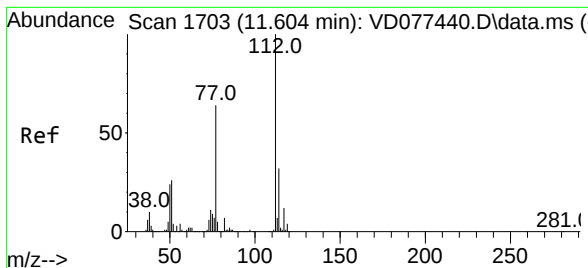


#64
Tetrachloroethene
Concen: 19.720 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



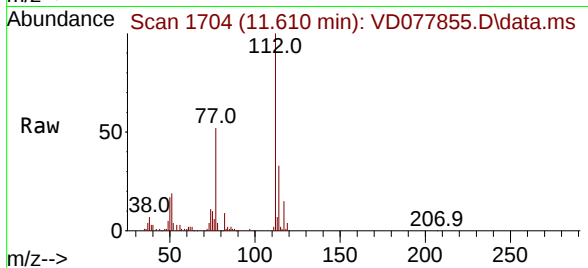
Tgt Ion:164 Resp: 32314
Ion Ratio Lower Upper
164 100
166 144.2 99.2 148.8
129 91.9 68.4 102.6
131 92.6 63.8 95.8





#65
Chlorobenzene
Concen: 19.069 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

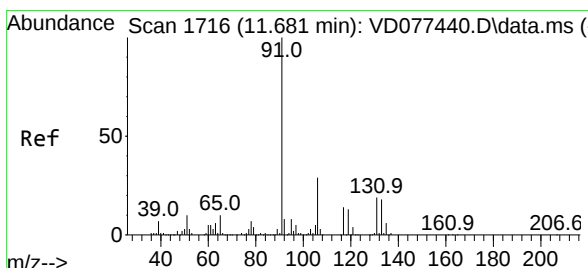
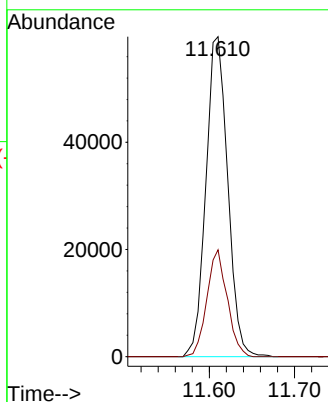
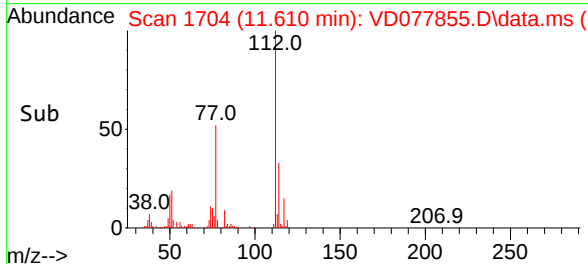
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



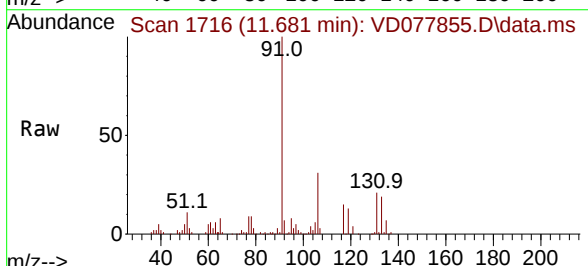
Tgt Ion:112 Resp: 10625
Ion Ratio Lower Upper
112 100
114 33.4 25.1 37.7

Manual Integrations
APPROVED

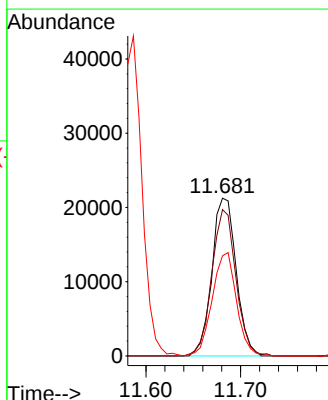
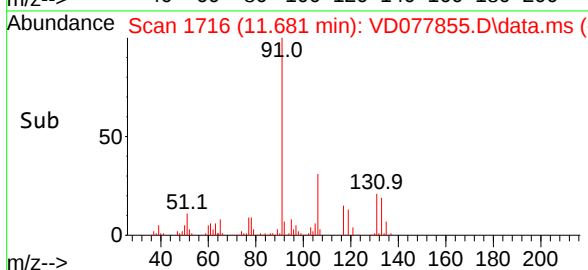
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

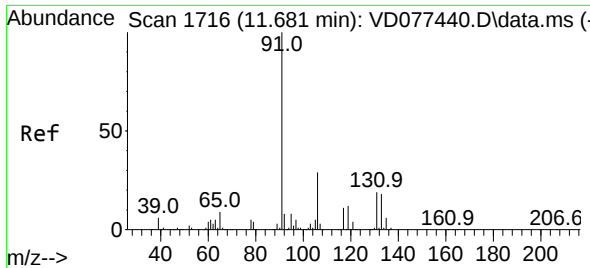


#66
1,1,1,2-Tetrachloroethane
Concen: 20.449 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



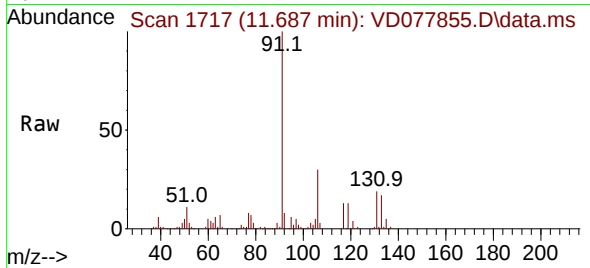
Tgt Ion:131 Resp: 37913
Ion Ratio Lower Upper
131 100
133 91.5 48.5 145.5
119 65.6 35.6 106.9





#67
Ethyl Benzene
Concen: 19.535 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

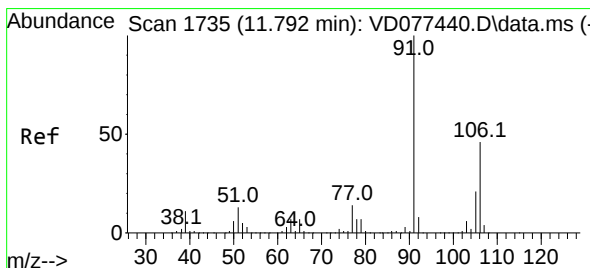
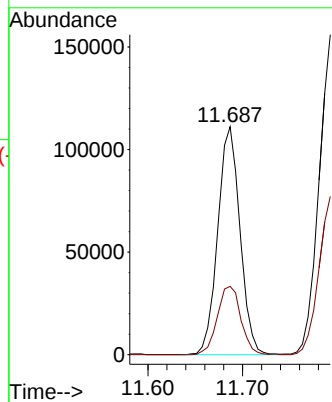
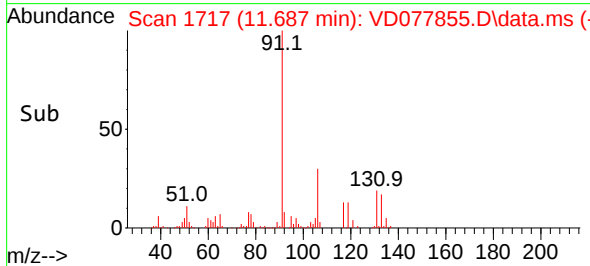
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion: 91 Resp: 181330
Ion Ratio Lower Upper
91 100
106 30.0 26.5 39.7

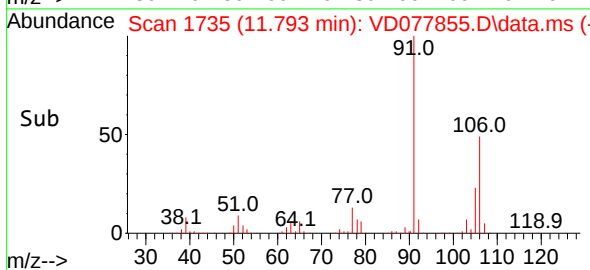
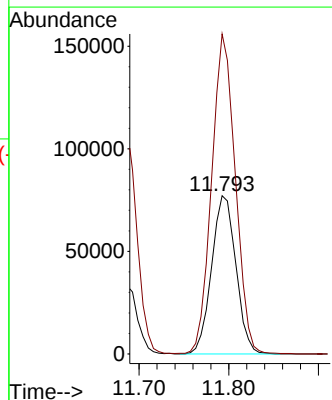
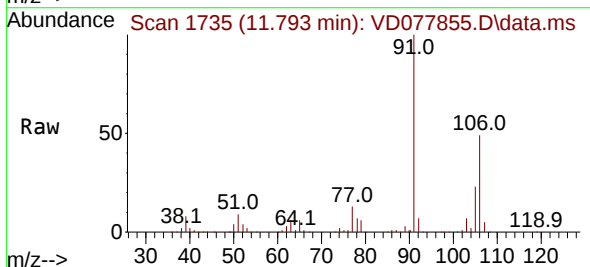
Manual Integrations
APPROVED

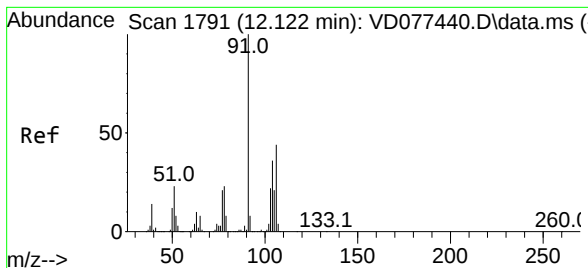
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#68
m/p-Xylenes
Concen: 40.826 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

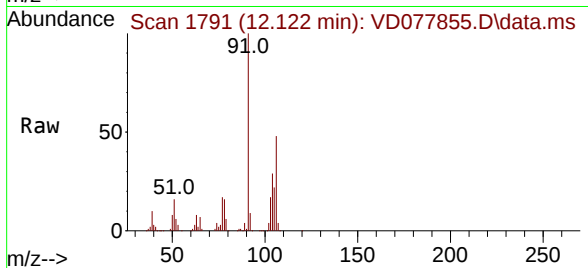
Tgt Ion:106 Resp: 144953
Ion Ratio Lower Upper
106 100
91 197.4 147.0 220.6





#69
o-Xylene
Concen: 20.517 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

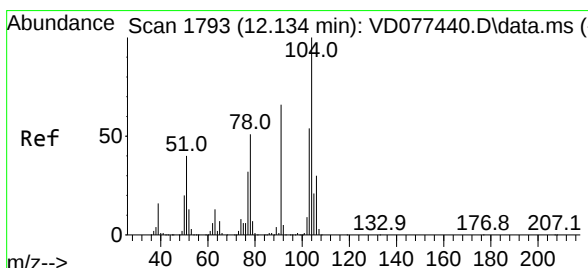
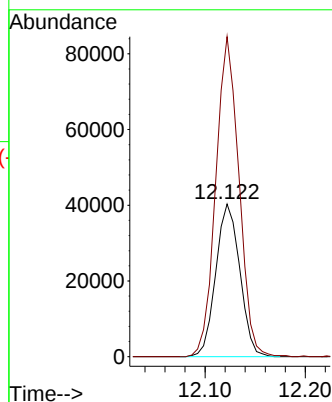
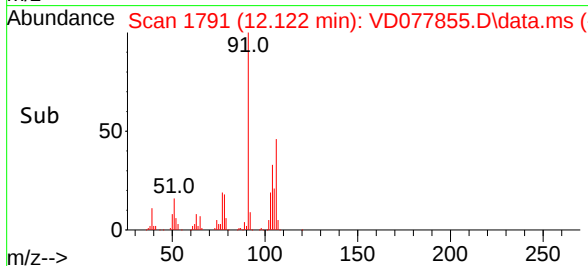
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion:106 Resp: 67138
Ion Ratio Lower Upper
106 100
91 202.3 97.9 293.6

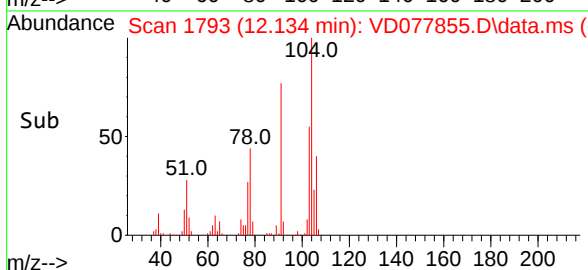
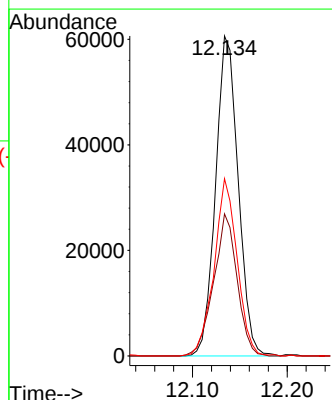
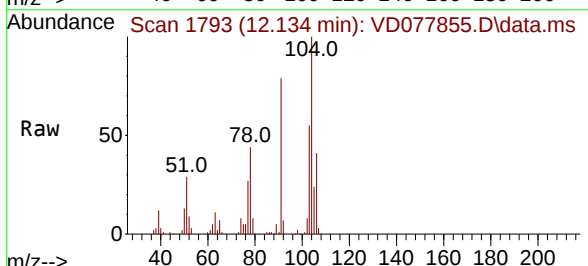
Manual Integrations
APPROVED

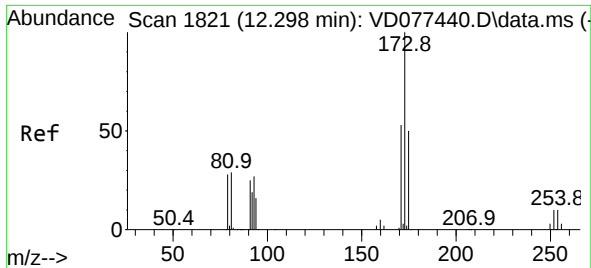
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#70
Styrene
Concen: 20.718 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

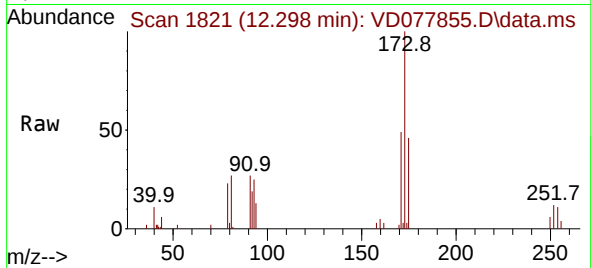
Tgt Ion:104 Resp: 100804
Ion Ratio Lower Upper
104 100
78 46.1 33.2 49.8
103 56.3 43.6 65.4





#71
Bromoform
Concen: 20.169 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

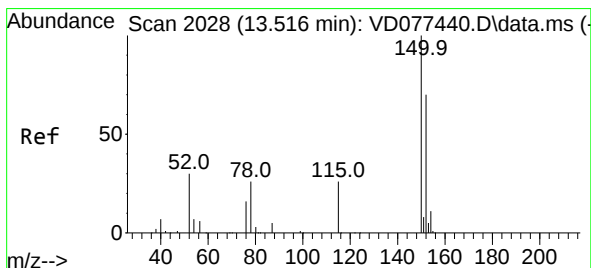
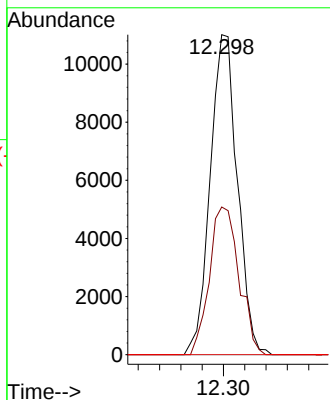
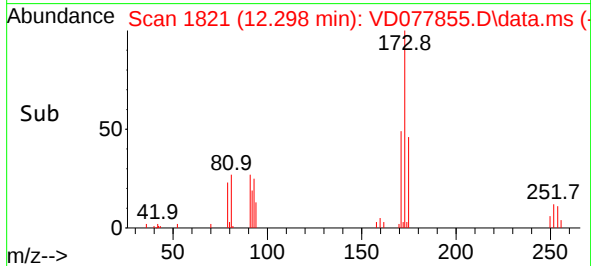
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



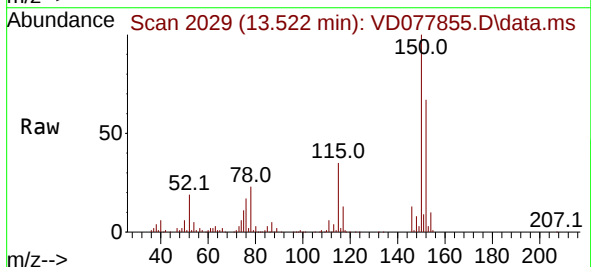
Tgt Ion:173 Resp: 19538
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

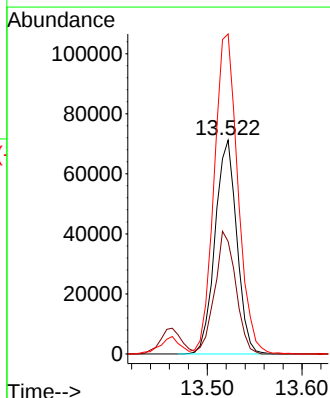
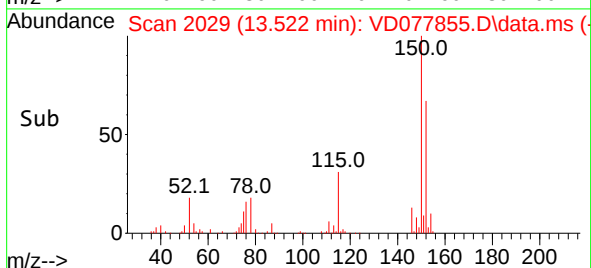
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

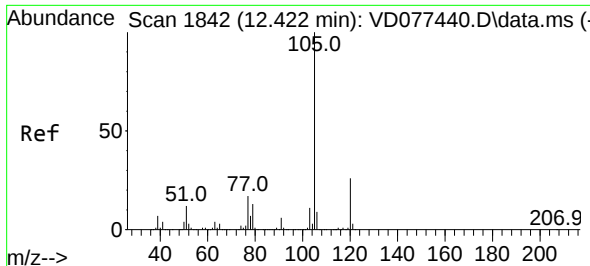


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



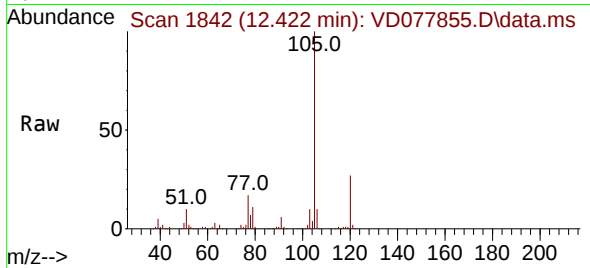
Tgt Ion:152 Resp: 113357
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 163.9 0.0 353.6





#73
Isopropylbenzene
Concen: 20.741 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

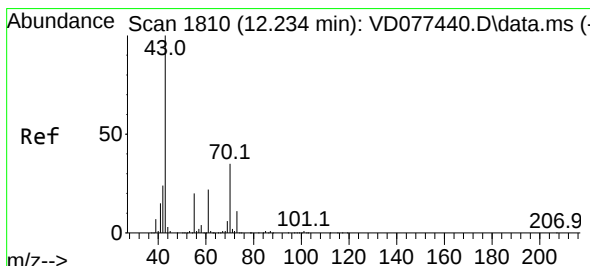
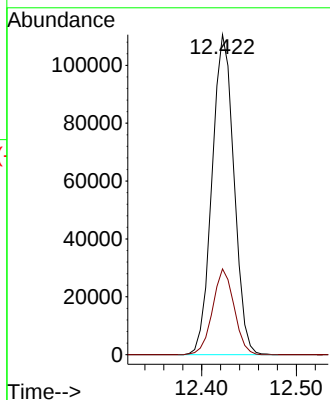
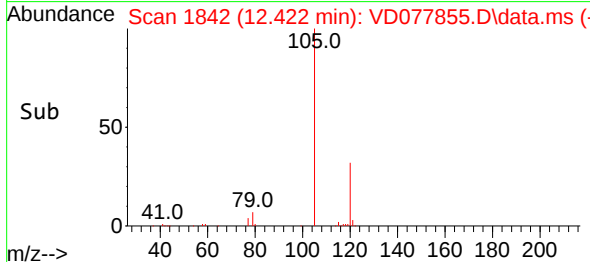
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



Tgt Ion:105 Resp: 178198
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9

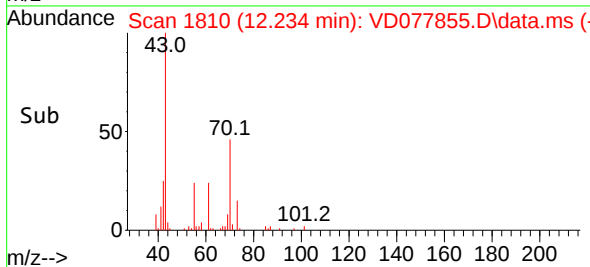
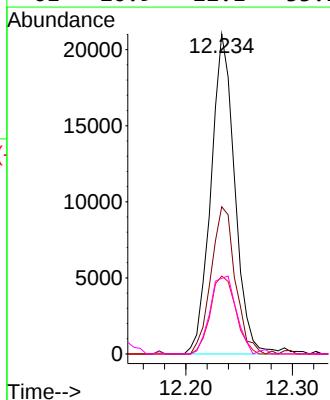
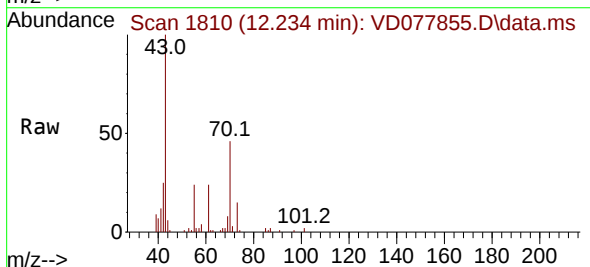
Manual Integrations
APPROVED

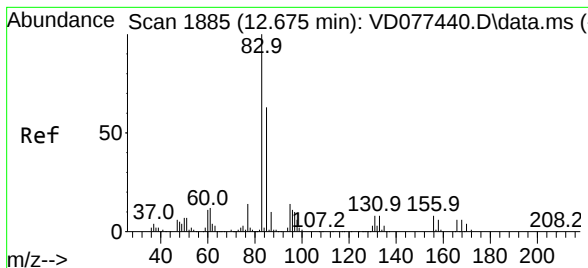
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#74
N-ethyl acetate
Concen: 19.303 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

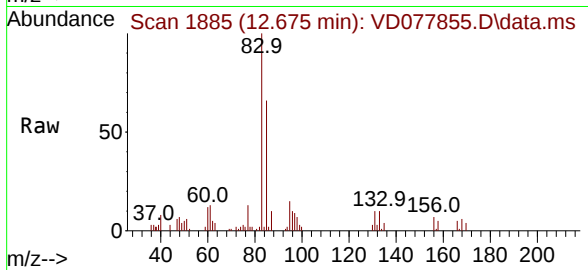
Tgt Ion: 43 Resp: 32600
Ion Ratio Lower Upper
43 100
70 46.6 45.0 67.4
55 26.0 23.8 35.6
61 26.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 20.182 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

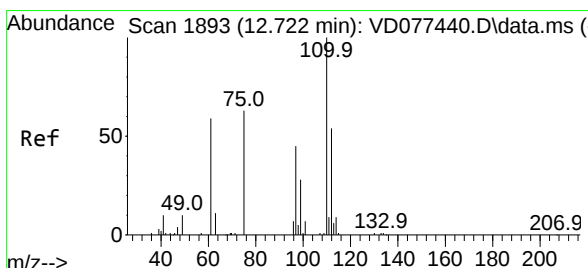
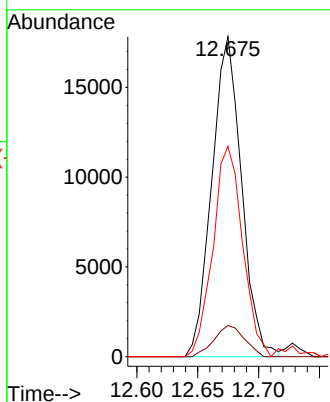
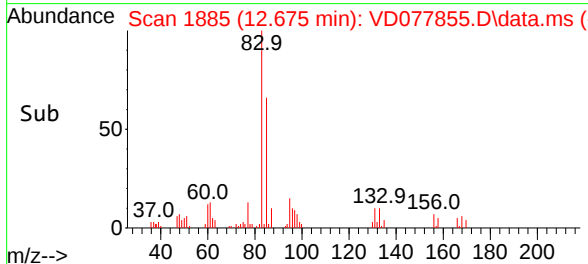
Instrument : MSVOA_D
ClientSampleId : VD1213SBSD01



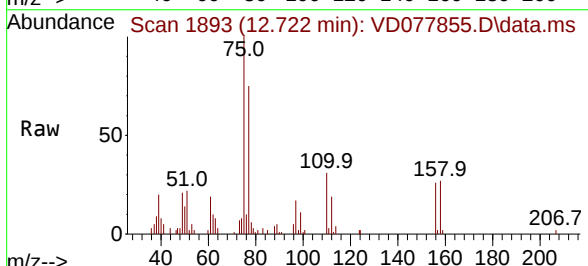
Tgt Ion: 83 Resp: 3023
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 65.5 32.6 97.8

Manual Integrations
APPROVED

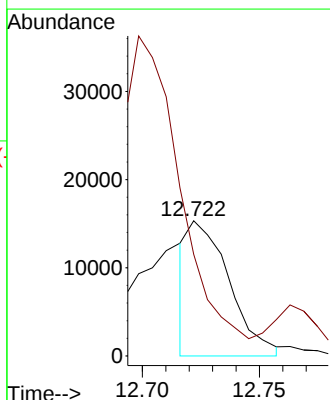
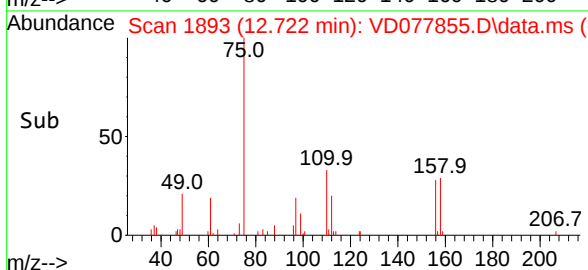
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

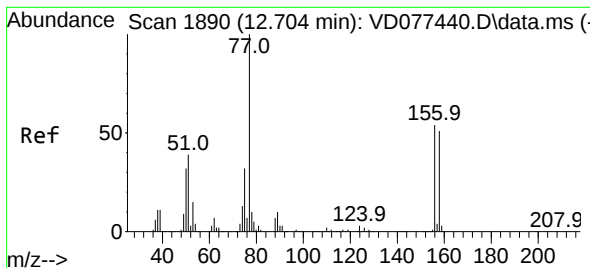


#76
1,2,3-Trichloropropane
Concen: 18.997 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion: 75 Resp: 18703
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





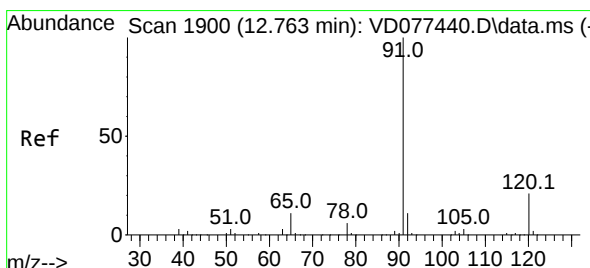
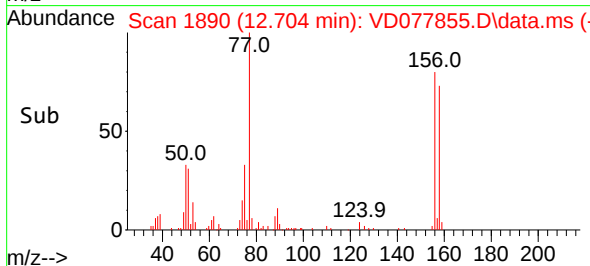
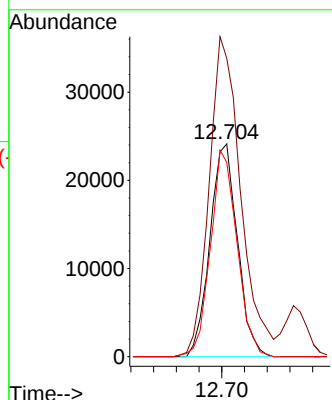
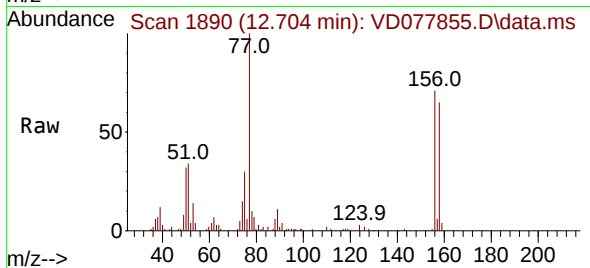
#77
Bromobenzene
Concen: 20.090 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

Tgt Ion:156 Resp: 40598
Ion Ratio Lower Upper
156 100
77 172.2 76.8 230.4
158 93.6 48.6 145.9

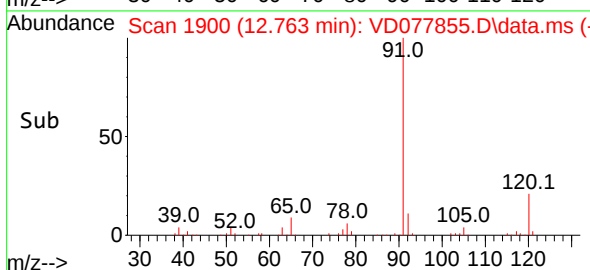
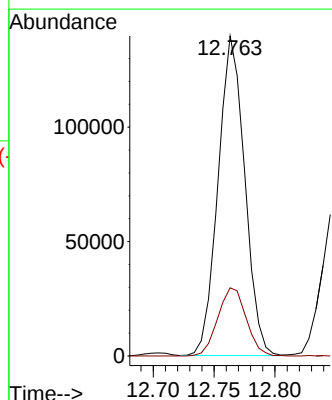
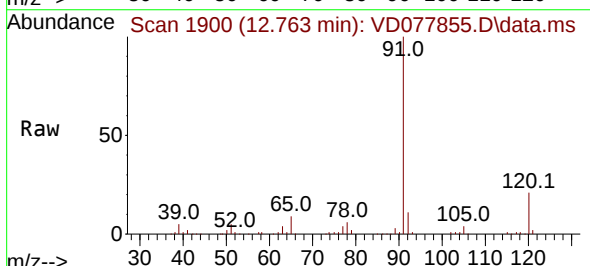
Manual Integrations
APPROVED

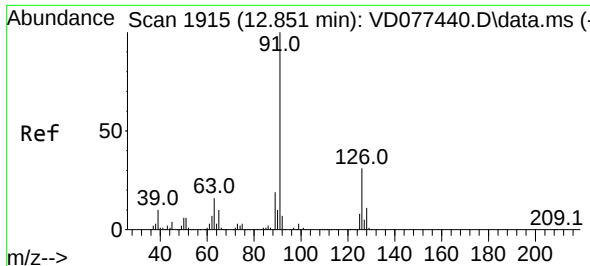
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#78
n-propylbenzene
Concen: 20.308 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion: 91 Resp: 212607
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





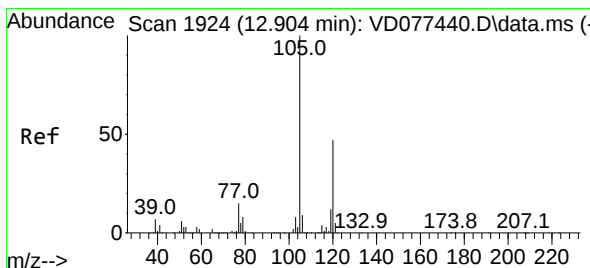
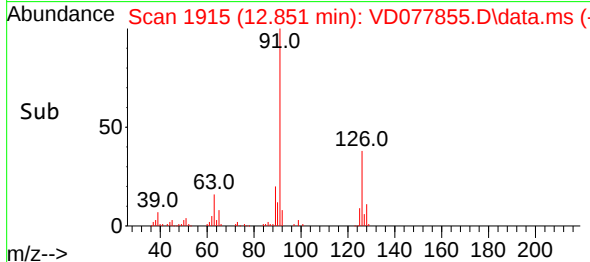
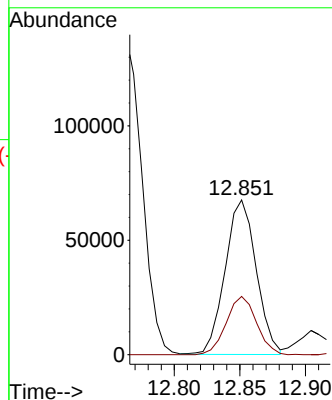
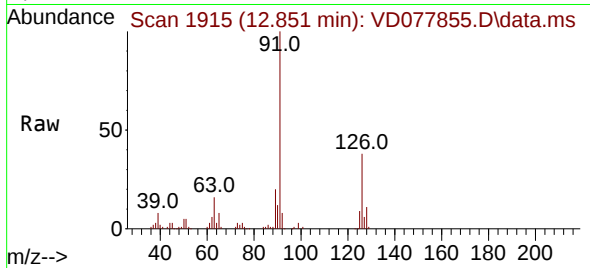
#79
2-Chlorotoluene
Concen: 19.860 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

Tgt Ion: 91 Resp: 11142
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.1

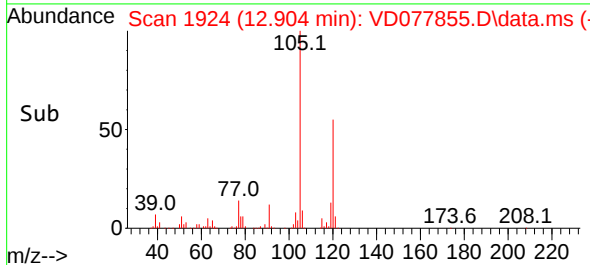
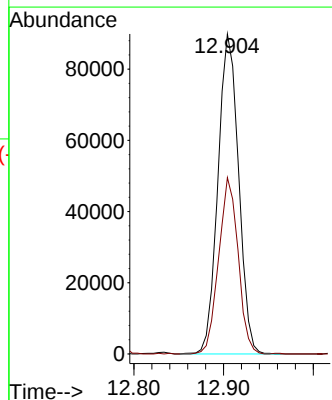
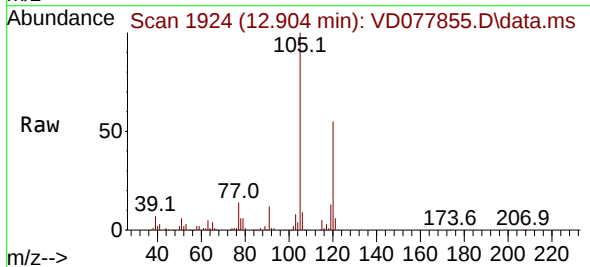
Manual Integrations
APPROVED

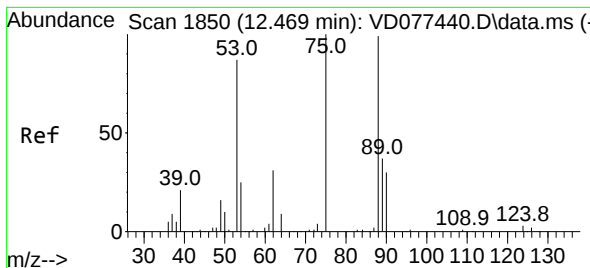
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.020 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

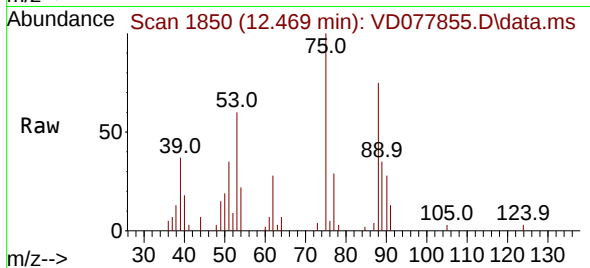
Tgt Ion:105 Resp: 143452
Ion Ratio Lower Upper
105 100
120 52.0 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 22.131 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

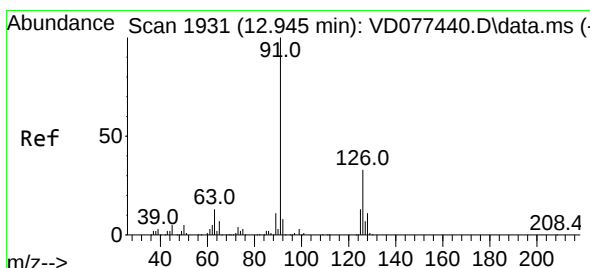
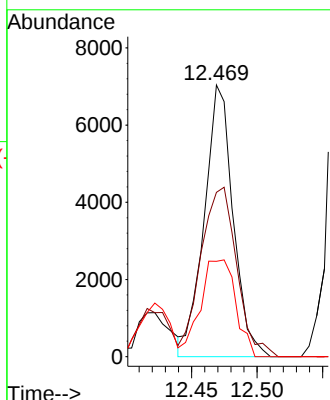
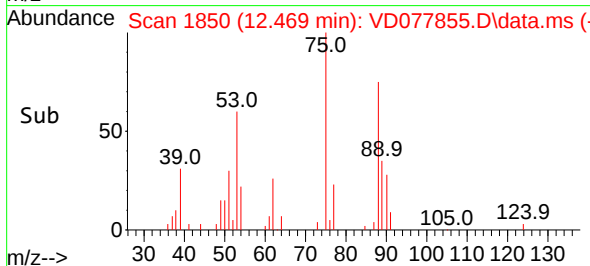
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



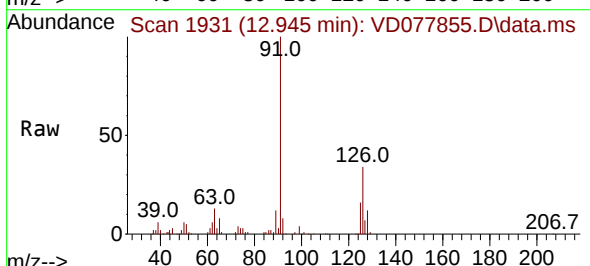
Tgt Ion: 75 Resp: 10754
Ion Ratio Lower Upper
75 100
53 77.8 63.0 94.4
89 43.7 37.9 56.9

Manual Integrations
APPROVED

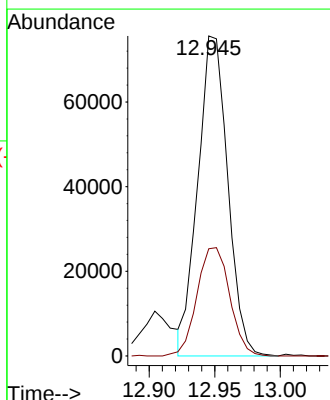
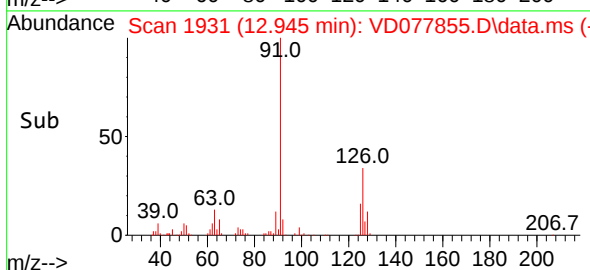
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

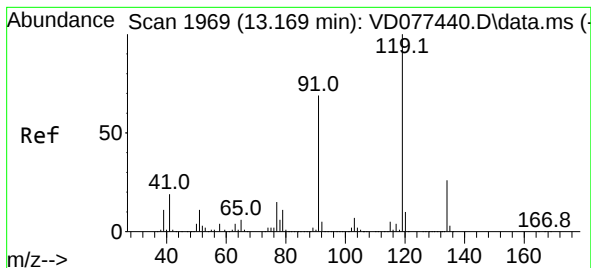


#82
4-Chlorotoluene
Concen: 20.459 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



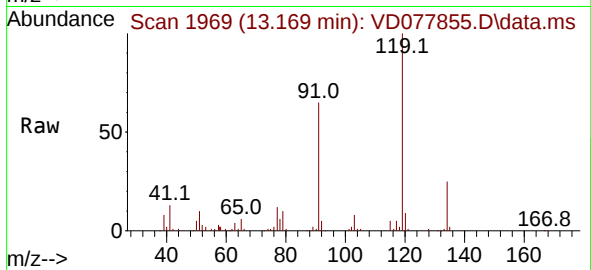
Tgt Ion: 91 Resp: 119998
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.902 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

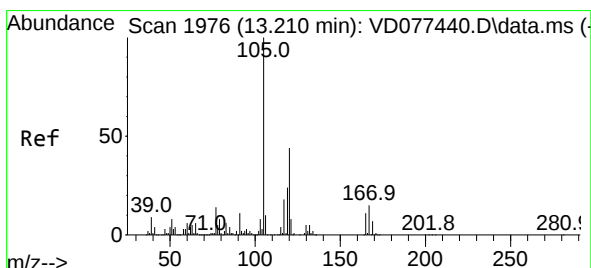
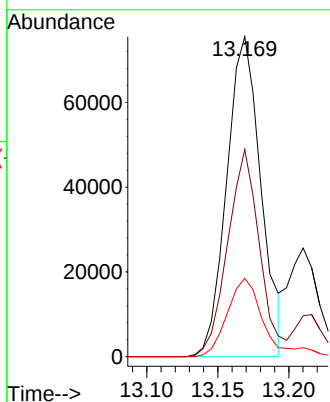
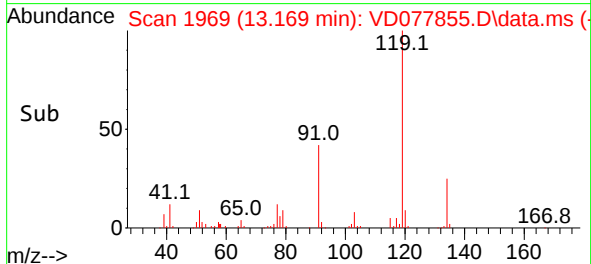
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



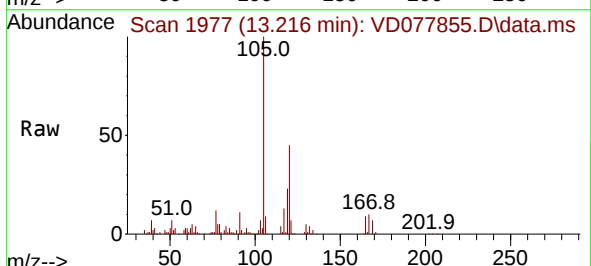
Tgt Ion:119 Resp: 126441
Ion Ratio Lower Upper
119 100
91 60.6 29.3 87.8
134 26.1 14.1 42.3

Manual Integrations
APPROVED

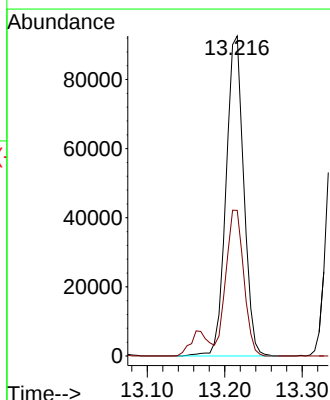
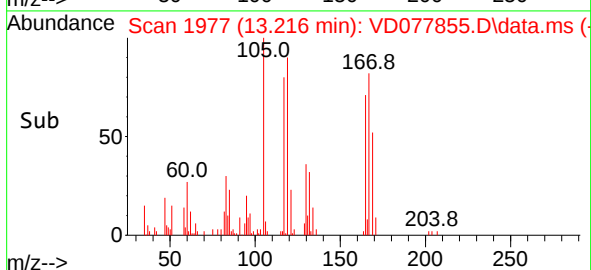
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

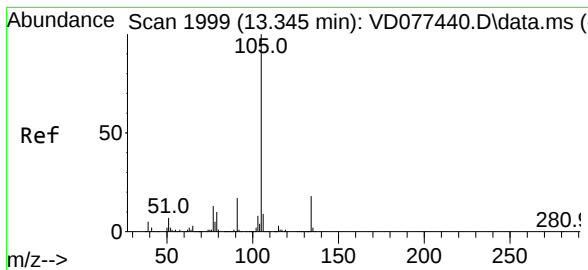


#84
1,2,4-Trimethylbenzene
Concen: 20.514 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



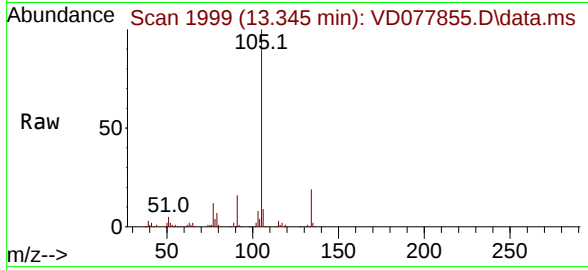
Tgt Ion:105 Resp: 147024
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.558 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03

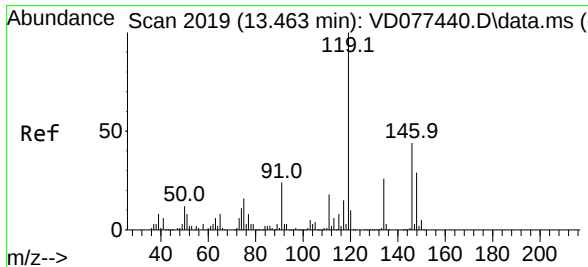
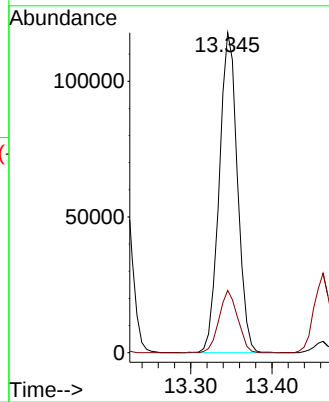
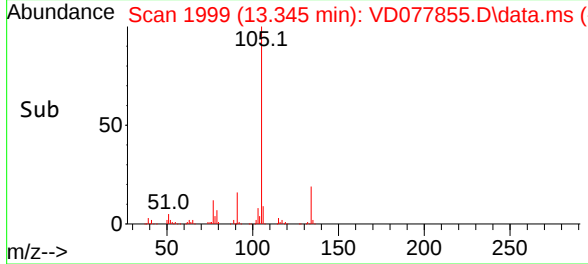
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBSD01



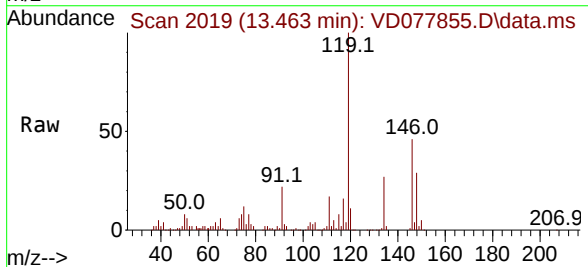
Tgt Ion:105 Resp: 18383
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9

Manual Integrations
 APPROVED

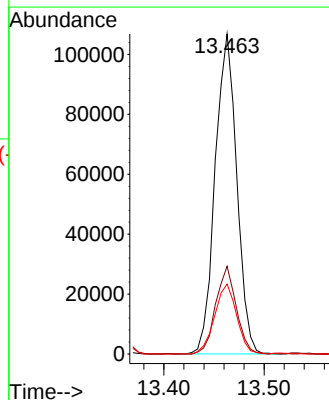
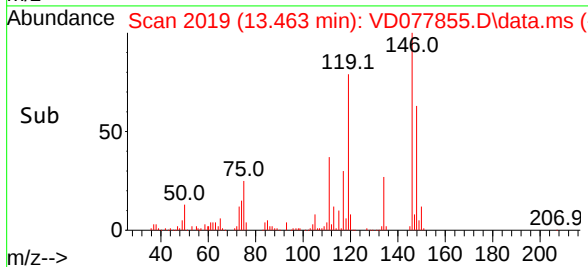
Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023

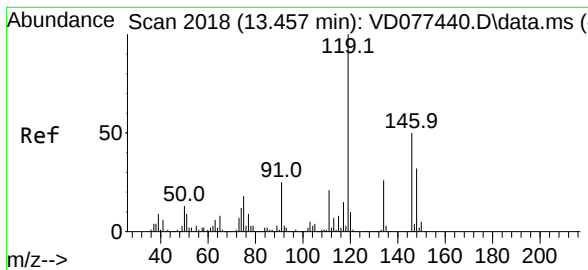


#86
 p-Isopropyltoluene
 Concen: 19.974 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077855.D
 Acq: 13 Dec 2023 12:03



Tgt Ion:119 Resp: 159910
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.2 10.5 31.5





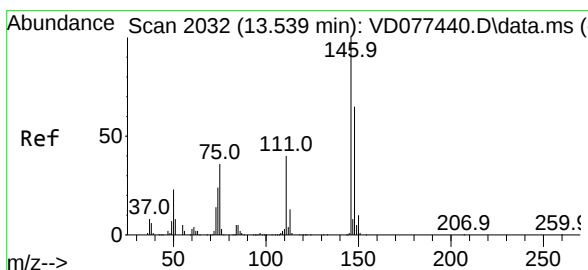
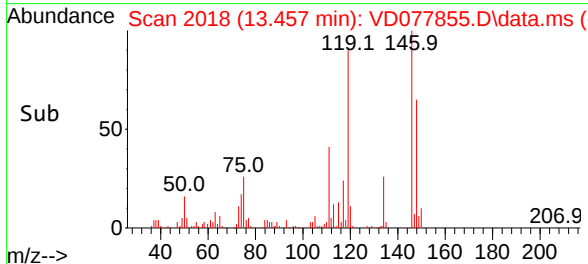
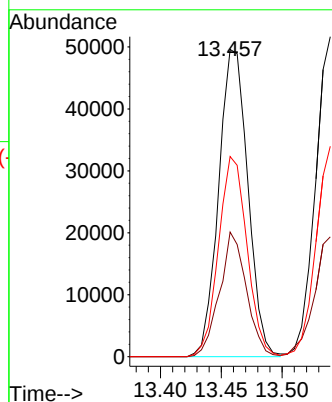
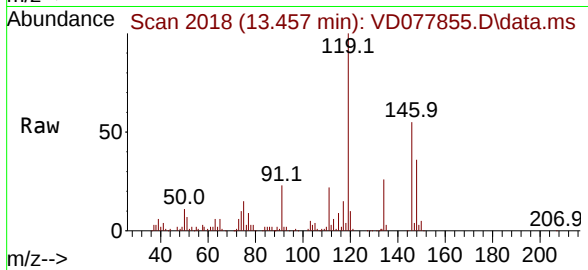
#87
1,3-Dichlorobenzene
Concen: 20.037 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

Tgt Ion:146 Resp: 82804
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 63.6 32.3 96.8

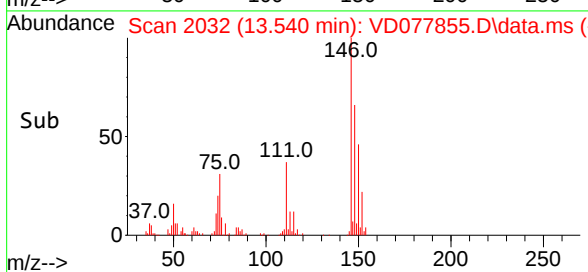
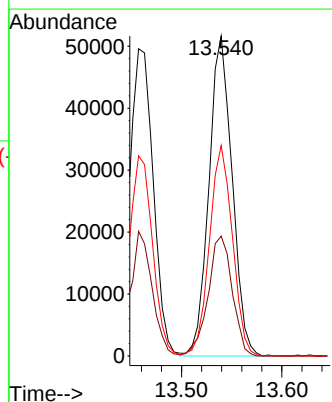
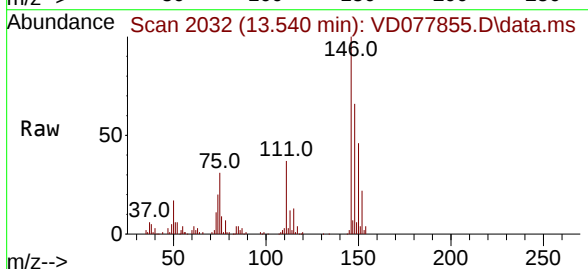
Manual Integrations
APPROVED

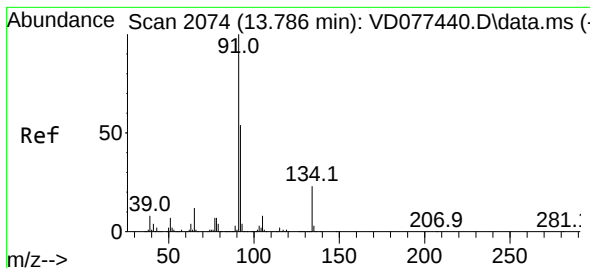
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#88
1,4-Dichlorobenzene
Concen: 19.156 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:146 Resp: 83100
Ion Ratio Lower Upper
146 100
111 39.1 17.4 52.3
148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 20.525 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD077855.D

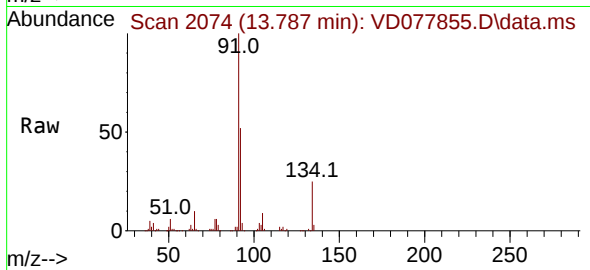
Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01



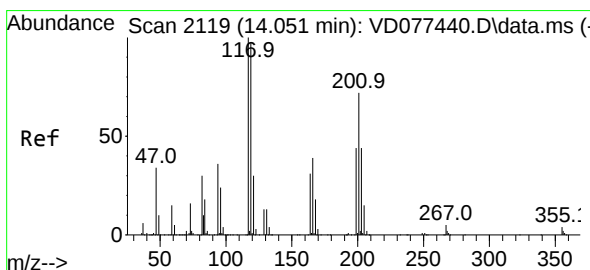
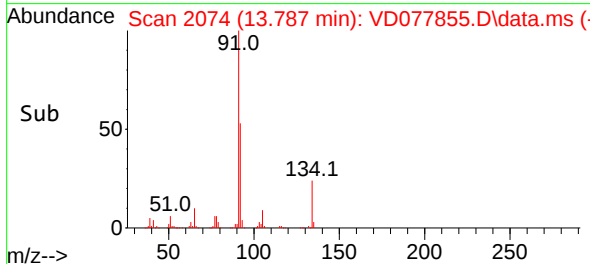
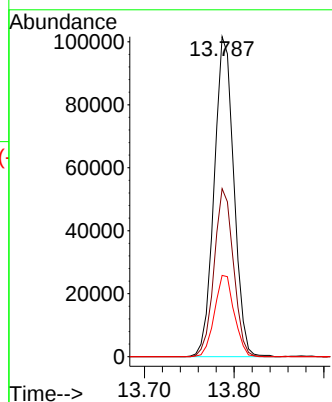
Tgt Ion: 91 Resp: 154624

Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.5	79.5
134	25.5	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#90

Hexachloroethane

Concen: 20.551 ug/l

RT: 14.051 min Scan# 2119

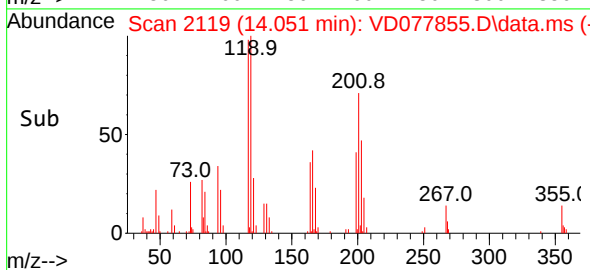
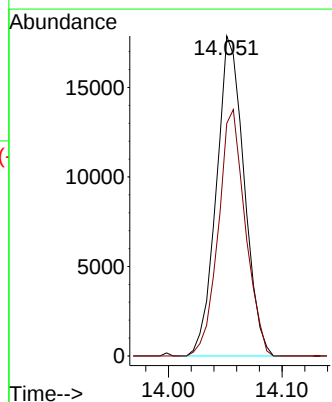
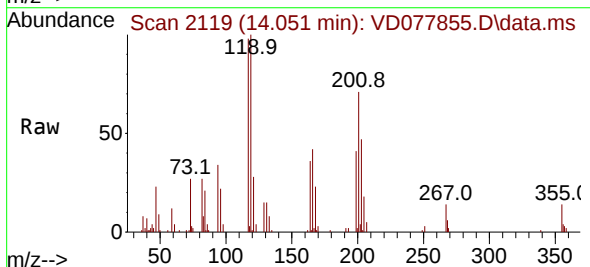
Delta R.T. 0.000 min

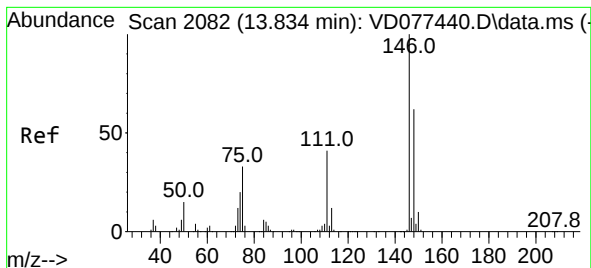
Lab File: VD077855.D

Acq: 13 Dec 2023 12:03

Tgt Ion:117 Resp: 30258

Ion	Ratio	Lower	Upper
117	100		
201	75.1	38.5	115.5





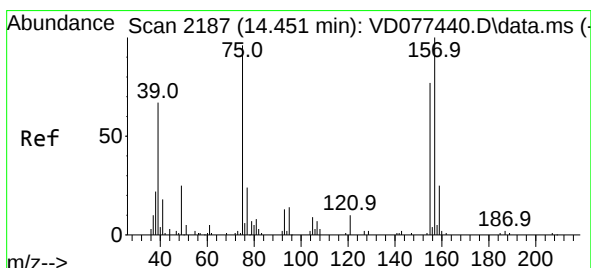
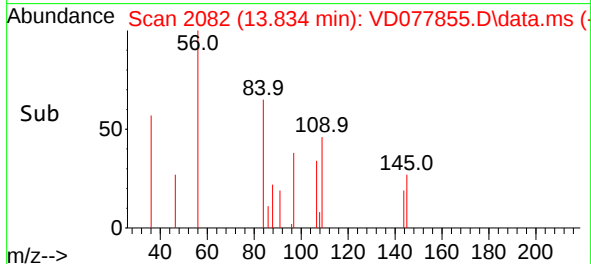
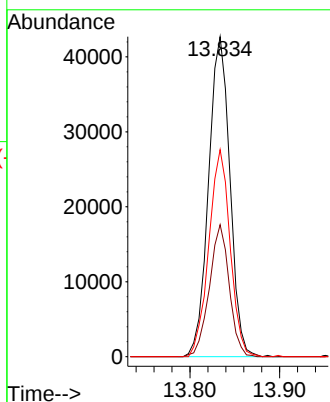
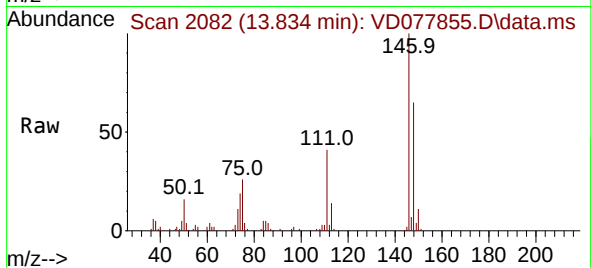
#91
1,2-Dichlorobenzene
Concen: 20.056 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01

Tgt Ion:146 Resp: 70490
Ion Ratio Lower Upper
146 100
111 38.4 18.3 54.8
148 64.6 31.6 94.7

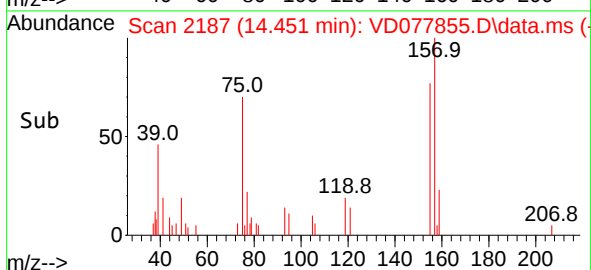
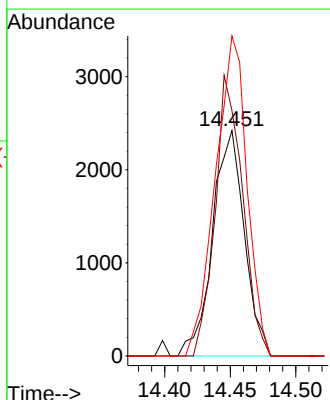
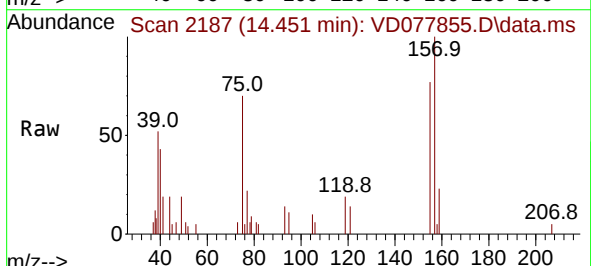
Manual Integrations
APPROVED

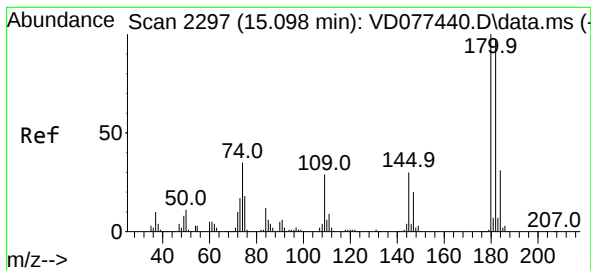
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.197 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

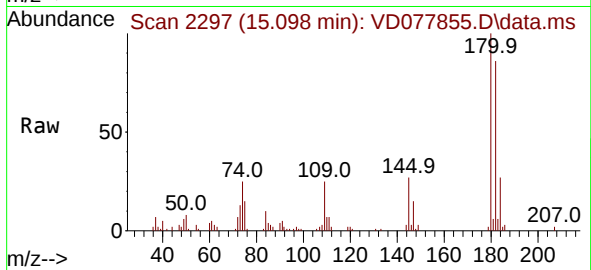
Tgt Ion: 75 Resp: 4084
Ion Ratio Lower Upper
75 100
155 107.7 47.9 143.8
157 141.5 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 19.168 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

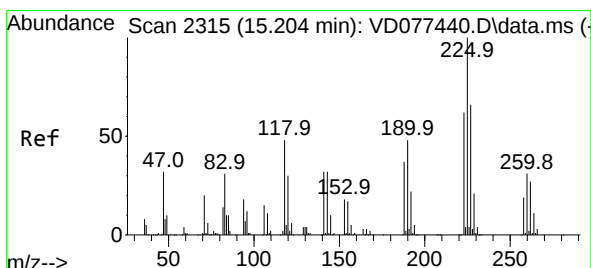
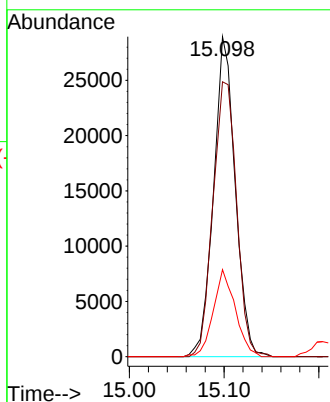
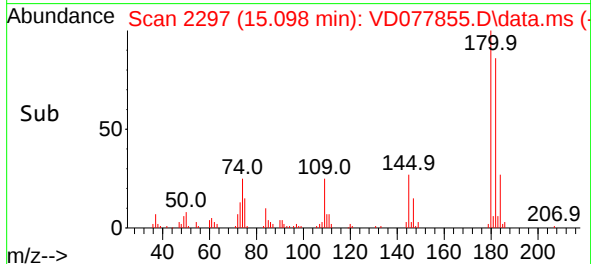
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBSD01



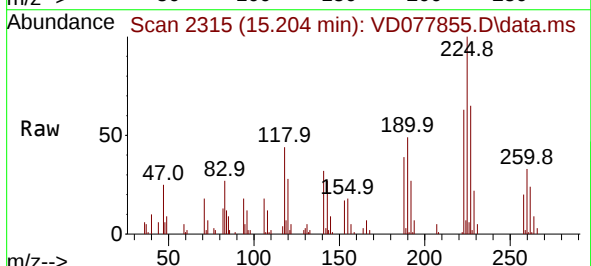
Tgt Ion:180 Resp: 46010
Ion Ratio Lower Upper
180 100
182 93.6 48.5 145.6
145 27.6 14.2 42.6

Manual Integrations
APPROVED

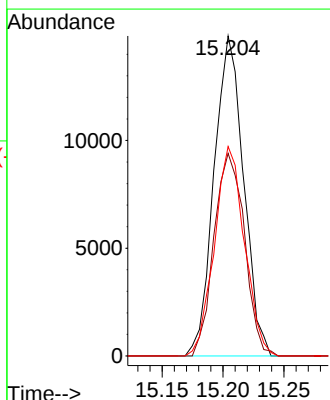
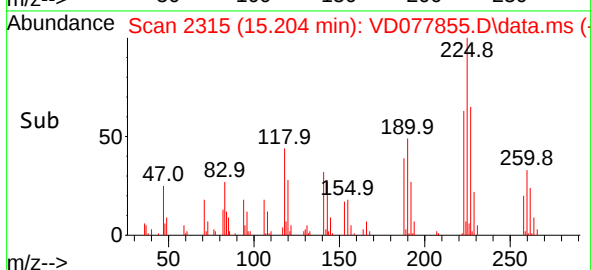
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

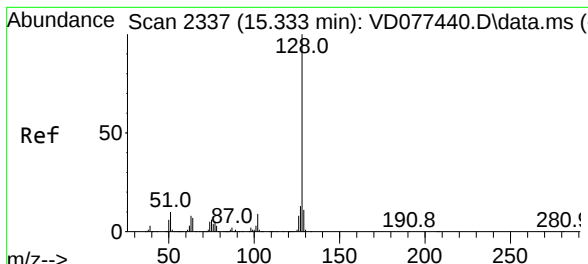


#94
Hexachlorobutadiene
Concen: 19.349 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03



Tgt Ion:225 Resp: 25049
Ion Ratio Lower Upper
225 100
223 65.3 31.6 94.8
227 66.5 31.7 95.1





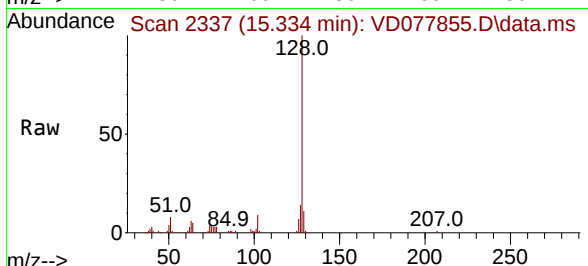
#95
Naphthalene
Concen: 19.760 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

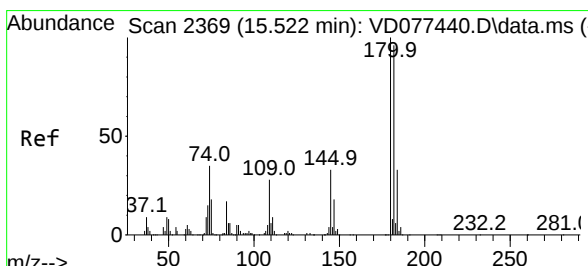
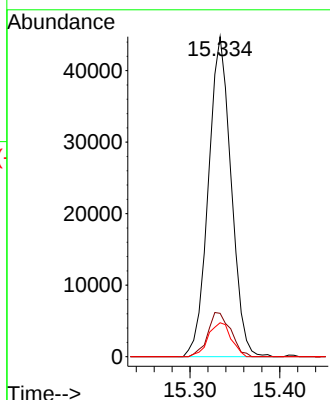
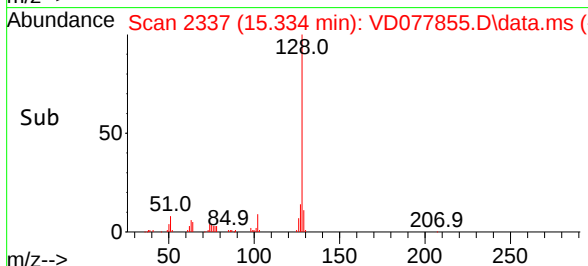


Tgt Ion:	128	Resp:	7881
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.633 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077855.D
Acq: 13 Dec 2023 12:03

Tgt Ion:	180	Resp:	38857
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.3	141.9
145	30.6	15.1	45.3

