

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077145.D
 Acq On : 19 Sep 2023 14:39
 Operator : JC/SY
 Sample : VD0919SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0919SBS01

Quant Time: Sep 20 02:01:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	235258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	394376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	367192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	187347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87206	36.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	73.460%		
35) Dibromofluoromethane	7.804	113	98683	36.025	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	72.040%		
50) Toluene-d8	10.269	98	364437	37.377	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	74.760%		
62) 4-Bromofluorobenzene	12.575	95	113372	37.515	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	75.020%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	54011	22.216	ug/l	98
3) Chloromethane	2.146	50	88765	19.751	ug/l	98
4) Vinyl Chloride	2.281	62	100174	20.837	ug/l	95
5) Bromomethane	2.675	94	71990	20.561	ug/l	96
6) Chloroethane	2.828	64	66908	22.367	ug/l	97
7) Trichlorofluoromethane	3.169	101	95621	22.006	ug/l	98
8) Diethyl Ether	3.593	74	25354	18.079	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.963	101	55187	20.314	ug/l	98
10) Methyl Iodide	4.163	142	75644	19.481	ug/l	92
11) Tert butyl alcohol	5.040	59	18985m	140.246	ug/l	
12) 1,1-Dichloroethene	3.940	96	53744	19.638	ug/l	95
13) Acrolein	3.793	56	14190	144.993	ug/l	95
14) Allyl chloride	4.558	41	64582	19.342	ug/l	93
15) Acrylonitrile	5.246	53	58724	99.860	ug/l	99
16) Acetone	4.016	43	55374	102.045	ug/l #	81
17) Carbon Disulfide	4.263	76	169824	18.850	ug/l	99
18) Methyl Acetate	4.558	43	40586	19.779	ug/l	92
19) Methyl tert-butyl Ether	5.310	73	115244	19.461	ug/l	93
20) Methylene Chloride	4.799	84	99220	25.130	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	62278	18.825	ug/l	97
22) Diisopropyl ether	6.216	45	142140	18.828	ug/l	95
23) Vinyl Acetate	6.152	43	294541m	97.593	ug/l	
24) 1,1-Dichloroethane	6.110	63	103911	19.178	ug/l	96
25) 2-Butanone	7.081	43	72914	102.135	ug/l	91
26) 2,2-Dichloropropane	7.075	77	92370	20.084	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	67678	18.198	ug/l	93
28) Bromochloromethane	7.422	49	32127	19.309	ug/l	88
29) Tetrahydrofuran	7.440	42	40531	97.118	ug/l	91
30) Chloroform	7.593	83	109770	18.798	ug/l	95
31) Cyclohexane	7.869	56	81022	19.506	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	97228	19.947	ug/l	96
36) 1,1-Dichloropropene	8.004	75	81366	19.723	ug/l	98
37) Ethyl Acetate	7.163	43	30712	19.404	ug/l	97
38) Carbon Tetrachloride	7.987	117	82579	20.366	ug/l	97
39) Methylcyclohexane	9.269	83	90429	19.051	ug/l	91
40) Benzene	8.251	78	245216	19.212	ug/l	96

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14937	17.681	ug/l	93
42) 1,2-Dichloroethane	8.322	62	61013	19.281	ug/l	97
43) Isopropyl Acetate	8.357	43	58943	20.226	ug/l	94
44) Trichloroethene	9.028	130	66794	18.908	ug/l	90
45) 1,2-Dichloropropane	9.304	63	58725	18.943	ug/l	99
46) Dibromomethane	9.393	93	35287	19.588	ug/l	93
47) Bromodichloromethane	9.581	83	82799	19.019	ug/l	99
48) Methyl methacrylate	9.381	41	26715	20.175	ug/l	83
49) 1,4-Dioxane	9.381	88	7027	432.137	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	152717	100.202	ug/l	91
52) Toluene	10.334	92	155118	18.997	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	77471	19.048	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	91019	18.679	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	45420	18.537	ug/l	97
56) Ethyl methacrylate	10.598	69	50377	19.137	ug/l	90
57) 1,3-Dichloropropane	10.881	76	78787	19.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	60631	67.071	ug/l	98
59) 2-Hexanone	10.922	43	107821	98.599	ug/l	92
60) Dibromochloromethane	11.075	129	57480	19.153	ug/l	97
61) 1,2-Dibromoethane	11.181	107	45370	19.154	ug/l	99
64) Tetrachloroethene	10.810	164	55329	19.367	ug/l	87
65) Chlorobenzene	11.610	112	166405	19.264	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	60686	19.203	ug/l	96
67) Ethyl Benzene	11.681	91	281991	18.993	ug/l	97
68) m/p-Xylenes	11.792	106	228165	38.381	ug/l	93
69) o-Xylene	12.122	106	103099	18.895	ug/l	90
70) Styrene	12.134	104	180605	19.428	ug/l	98
71) Bromoform	12.298	173	34706	19.812	ug/l #	96
73) Isopropylbenzene	12.422	105	268573	19.401	ug/l	97
74) N-amyl acetate	12.234	43	52163	20.060	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	54024	20.680	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	35596m	23.819	ug/l	
77) Bromobenzene	12.698	156	64959	18.846	ug/l	92
78) n-propylbenzene	12.763	91	329375	19.466	ug/l	96
79) 2-Chlorotoluene	12.851	91	180375	19.331	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	222006	19.203	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	17256	21.856	ug/l	96
82) 4-Chlorotoluene	12.945	91	191796	19.557	ug/l	97
83) tert-Butylbenzene	13.169	119	189241	19.159	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	225924	19.272	ug/l	96
85) sec-Butylbenzene	13.345	105	287085	19.369	ug/l	98
86) p-Isopropyltoluene	13.463	119	240428	19.122	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	135151	19.065	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	133260	19.106	ug/l	97
89) n-Butylbenzene	13.786	91	224492	19.354	ug/l	97
90) Hexachloroethane	14.051	117	47836	19.183	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	114287	18.804	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7443	21.337	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	69474	18.528	ug/l	99
94) Hexachlorobutadiene	15.204	225	39045	19.650	ug/l	98
95) Naphthalene	15.333	128	129213	18.792	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	62958	18.889	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

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

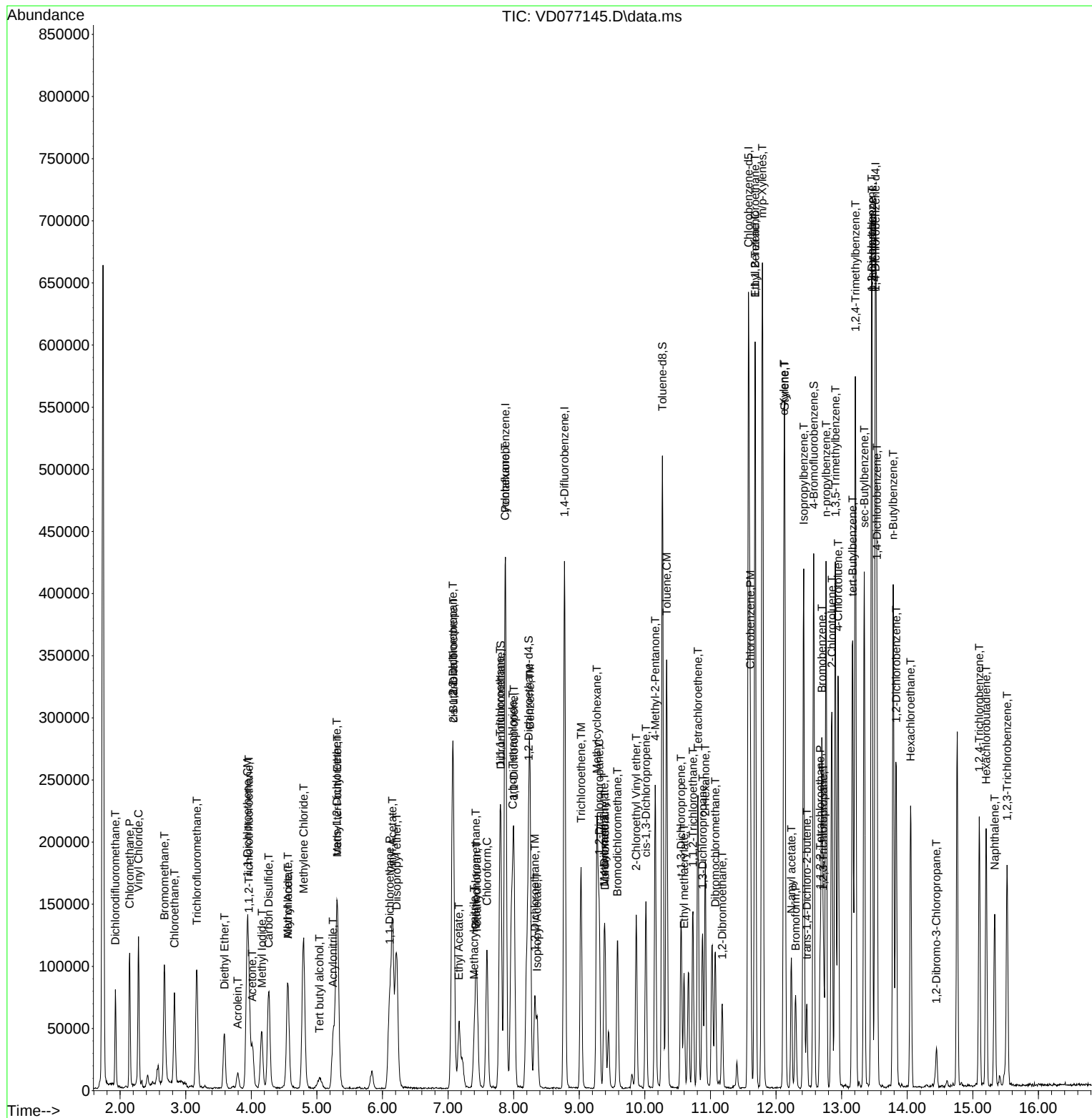
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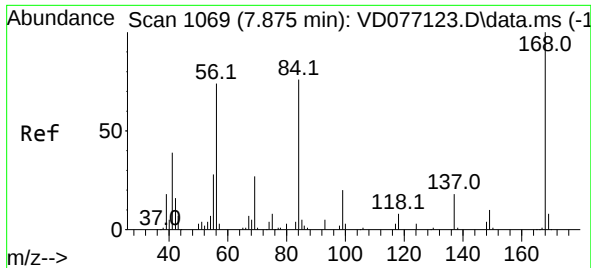
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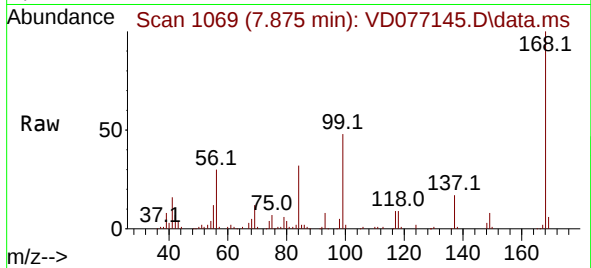
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

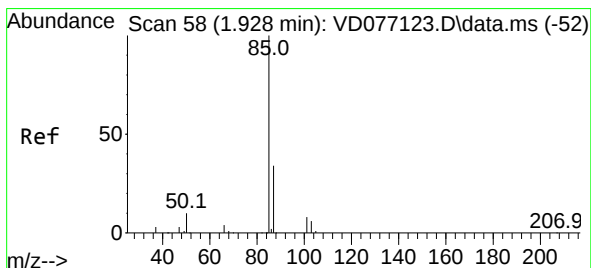
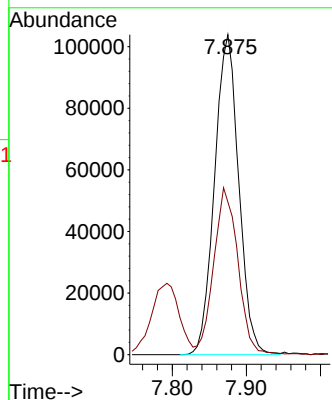
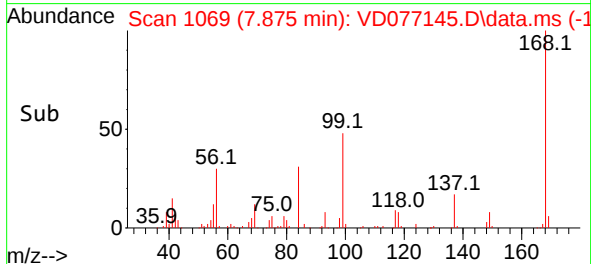
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:168 Resp: 235258
Ion Ratio Lower Upper
168 100
99 47.3 36.7 55.1

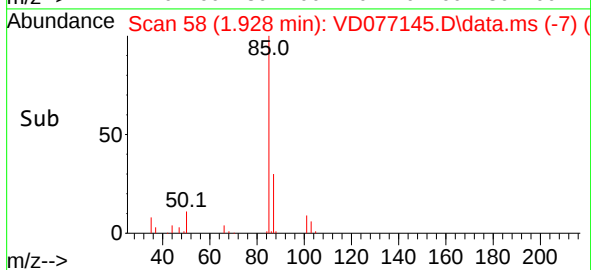
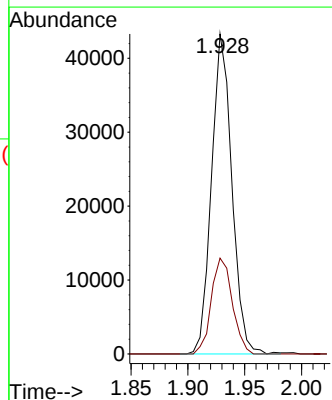
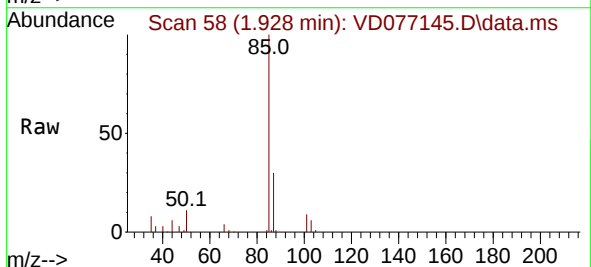
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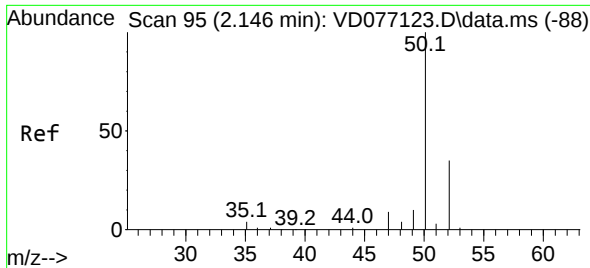
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#2
Dichlorodifluoromethane
Concen: 22.216 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

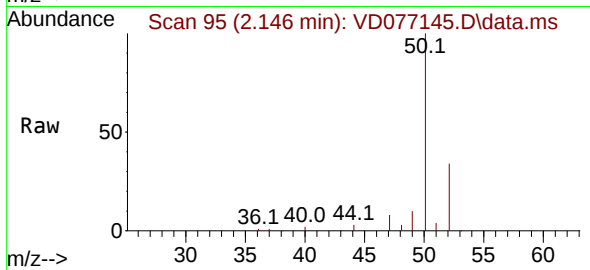
Tgt Ion: 85 Resp: 54011
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.0





#3
Chloromethane
Concen: 19.751 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

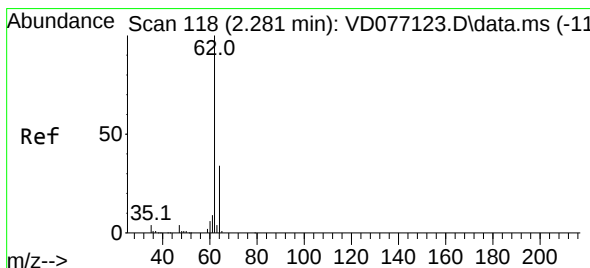
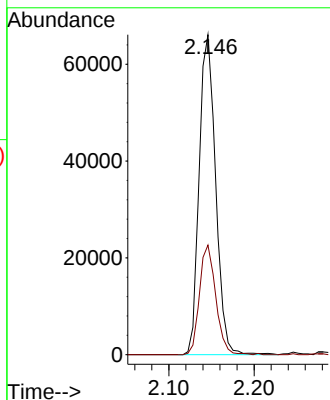
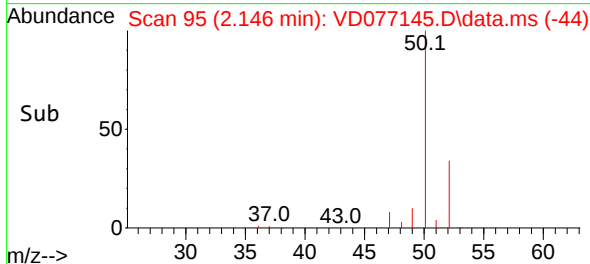
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 8876
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

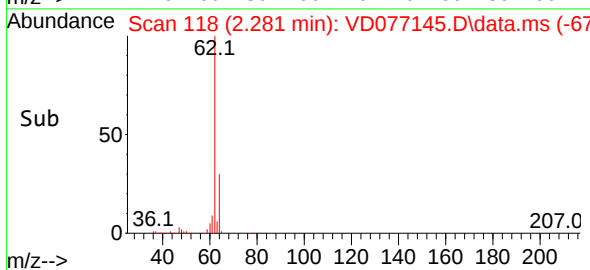
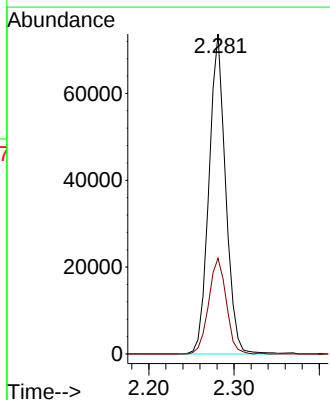
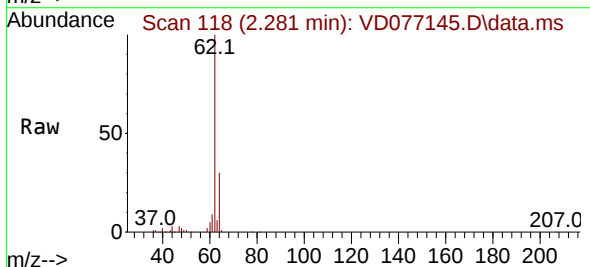
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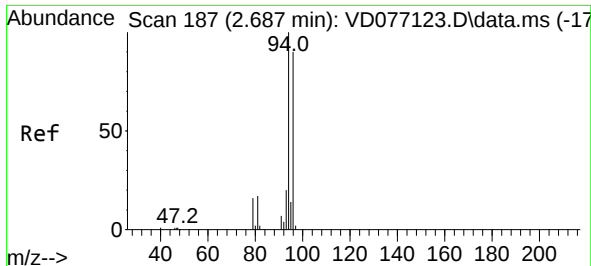
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#4
Vinyl Chloride
Concen: 20.837 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

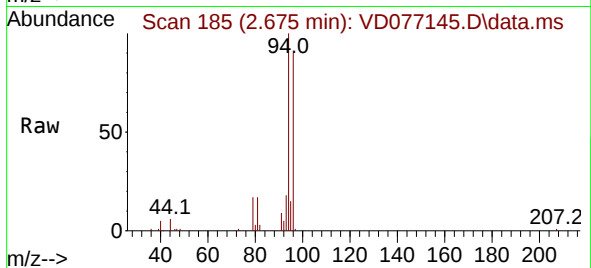
Tgt Ion: 62 Resp: 100174
Ion Ratio Lower Upper
62 100
64 29.9 26.0 39.0





#5
Bromomethane
Concen: 20.561 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

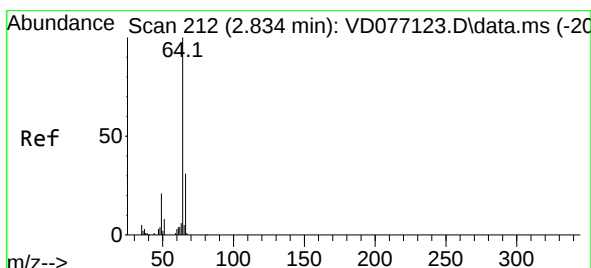
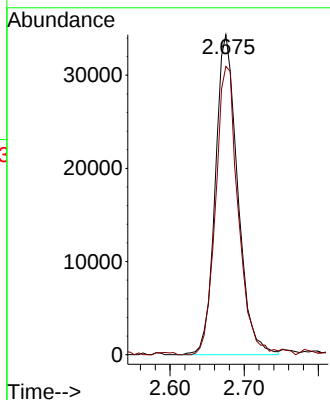
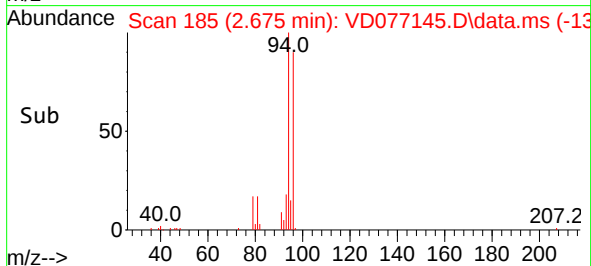
Instrument :
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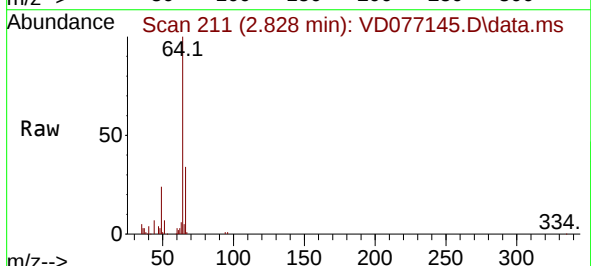
Tgt Ion: 94 Resp: 71990
Ion Ratio Lower Upper
94 100
96 90.8 75.8 113.8

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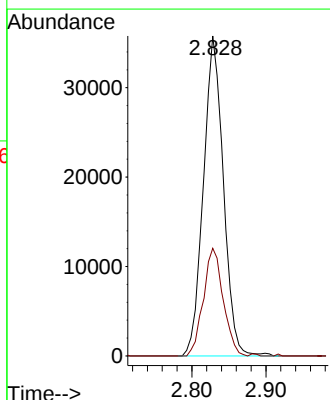
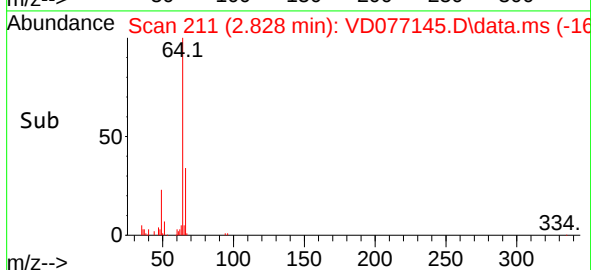
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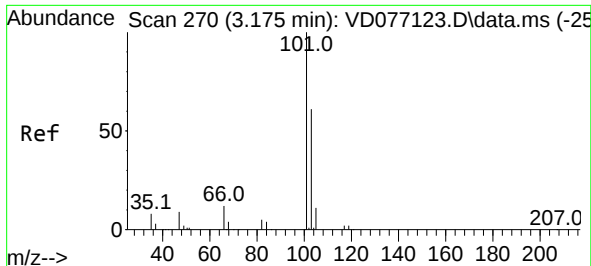


#6
Chloroethane
Concen: 22.367 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



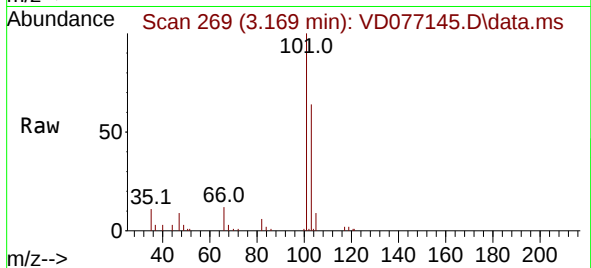
Tgt Ion: 64 Resp: 66908
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 22.006 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077145.D
 Acq: 19 Sep 2023 14:39

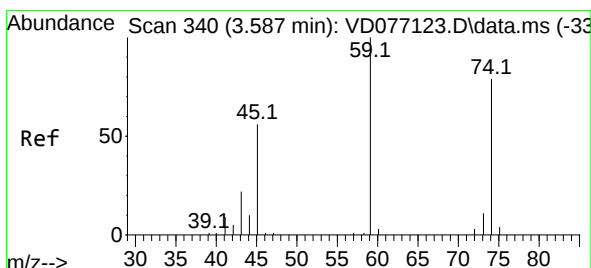
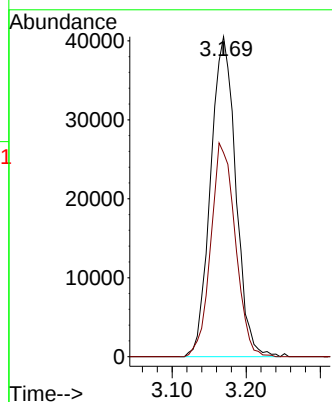
Instrument :
 MSVOA_D
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Tgt Ion:101 Resp: 9562
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5

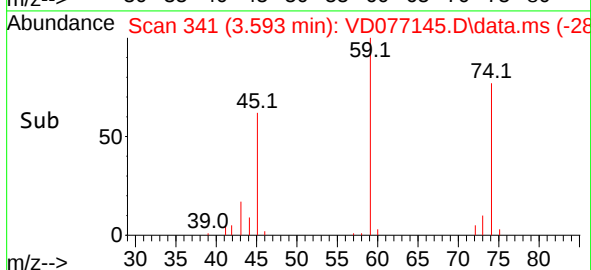
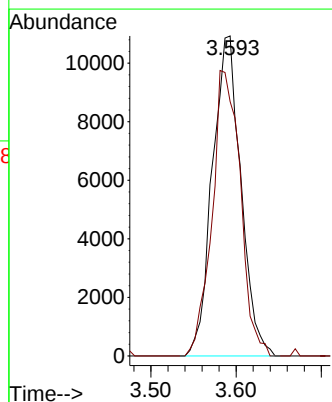
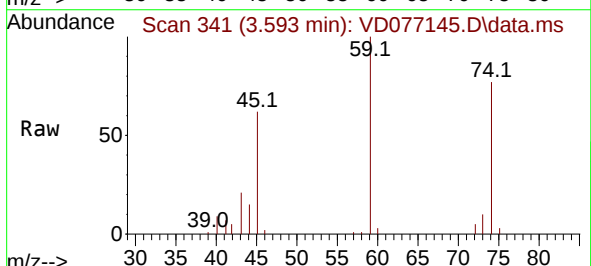
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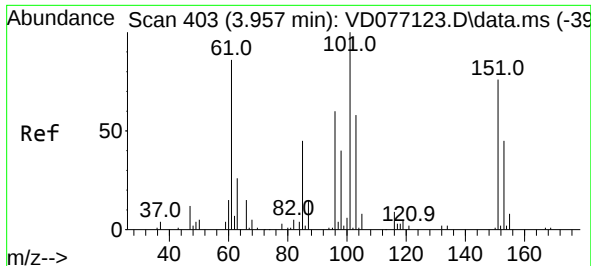
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#8
 Diethyl Ether
 Concen: 18.079 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077145.D
 Acq: 19 Sep 2023 14:39

Tgt Ion: 74 Resp: 25354
 Ion Ratio Lower Upper
 74 100
 45 88.7 37.5 112.7





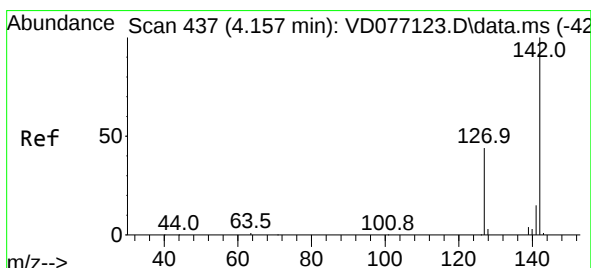
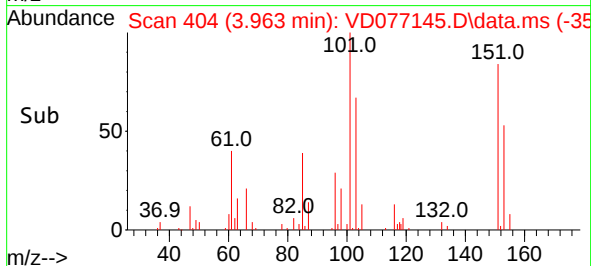
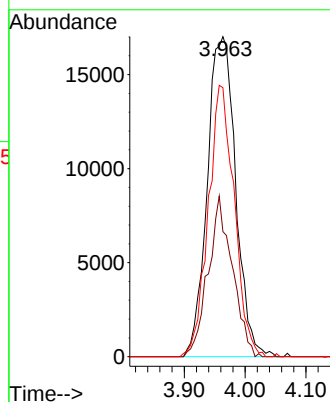
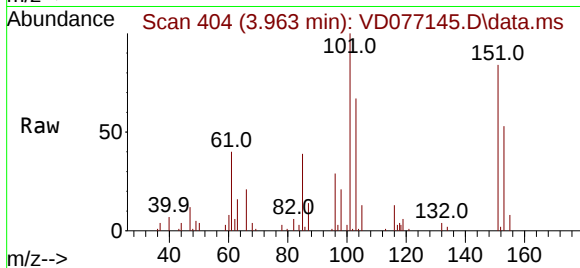
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.314 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01

Tgt Ion:101 Resp: 5518
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 77.5 59.8 89.6

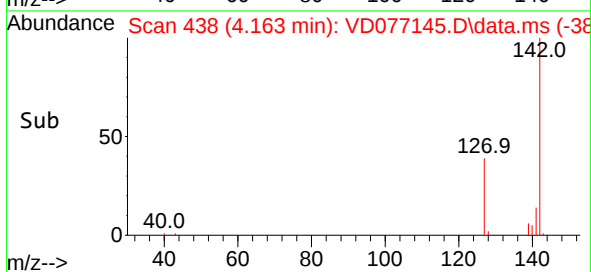
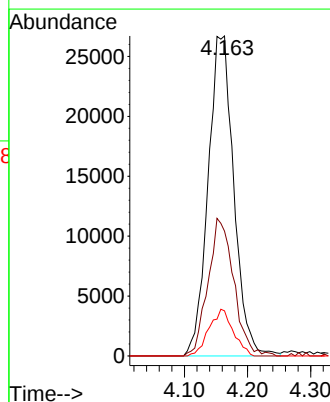
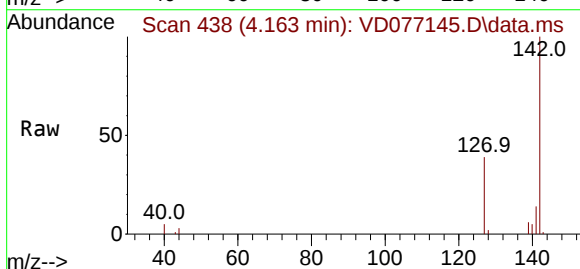
Manual Integrations
APPROVED

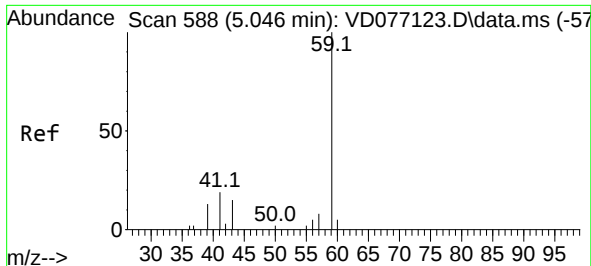
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#10
Methyl Iodide
Concen: 19.481 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Tgt Ion:142 Resp: 75644
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 13.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 140.246 ug/l m

RT: 5.040 min Scan# 5

Delta R.T. -0.006 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

Tgt Ion: 59 Resp: 1898

Ion Ratio Lower Upper

59 100

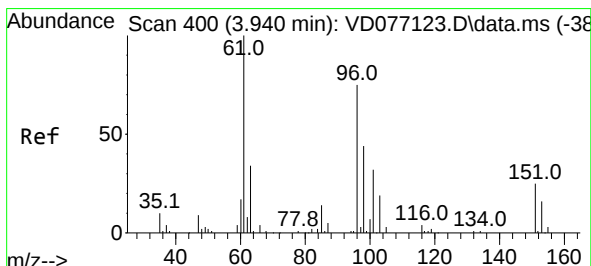
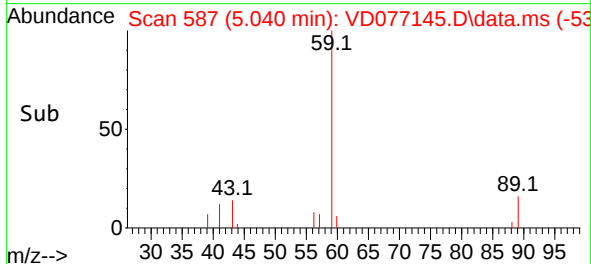
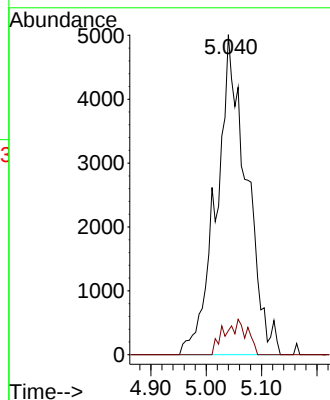
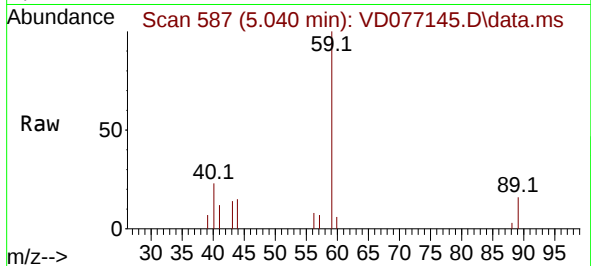
57 8.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#12

1,1-Dichloroethene

Concen: 19.638 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

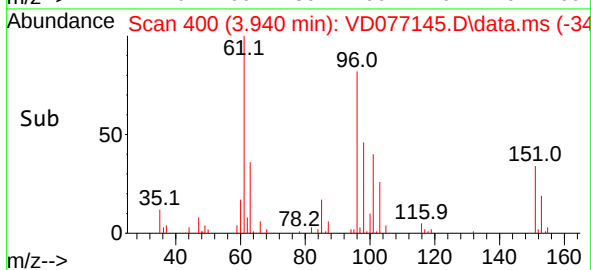
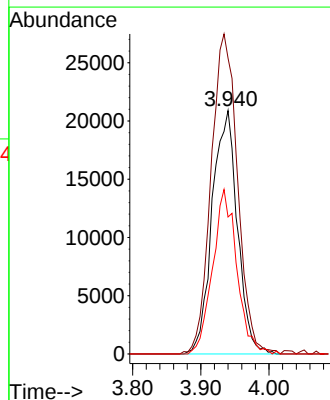
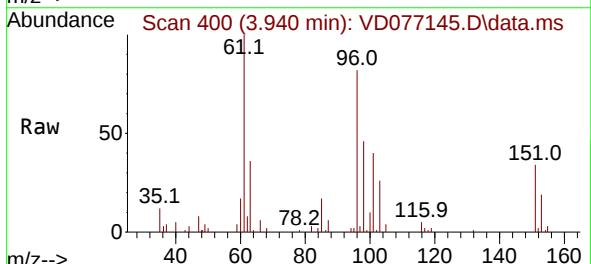
Tgt Ion: 96 Resp: 53744

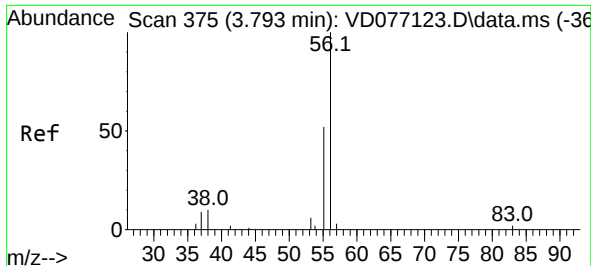
Ion Ratio Lower Upper

96 100

61 121.5 100.6 150.8

98 56.3 50.2 75.2





#13

Acrolein

Concen: 144.993 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

Tgt Ion: 56 Resp: 14190

Ion Ratio Lower Upper

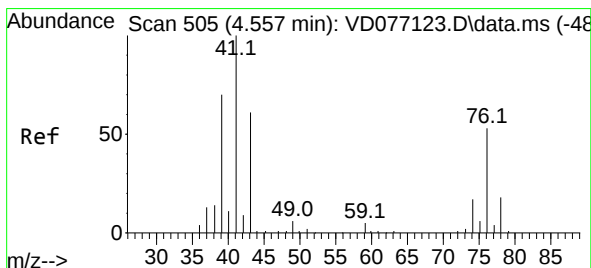
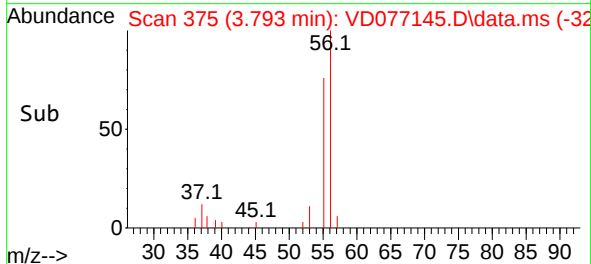
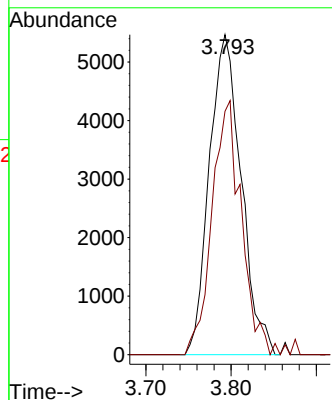
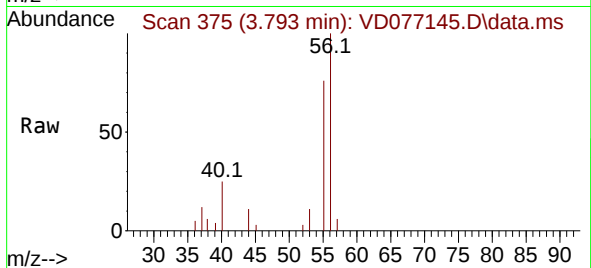
56 100

55 73.3 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#14

Allyl chloride

Concen: 19.342 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

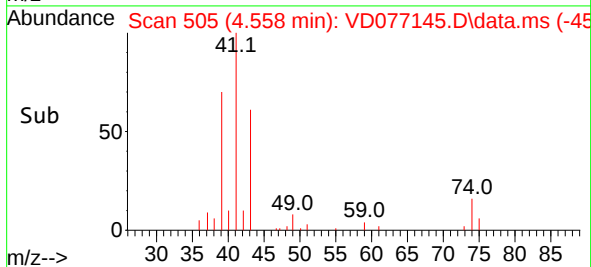
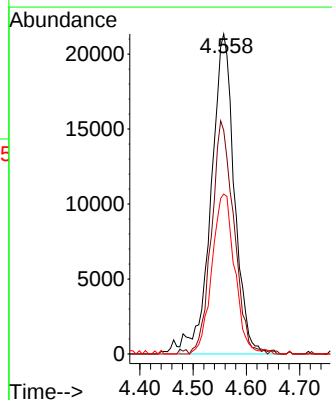
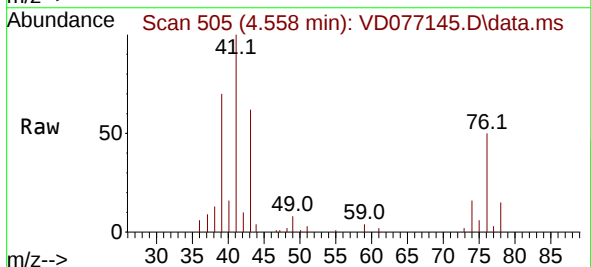
Tgt Ion: 41 Resp: 64582

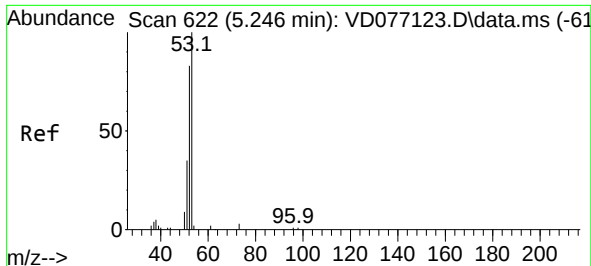
Ion Ratio Lower Upper

41 100

39 70.0 53.8 80.6

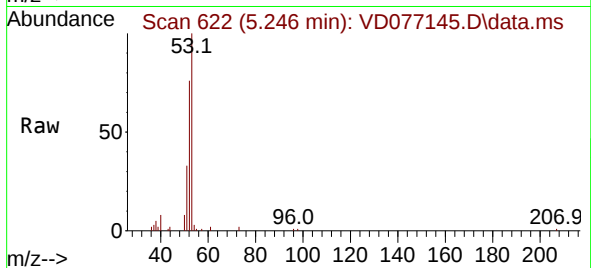
76 48.7 45.8 68.8





#15
Acrylonitrile
Concen: 99.860 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

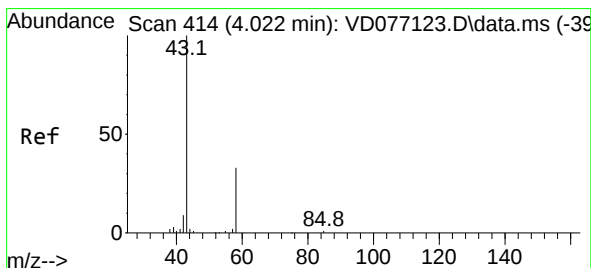
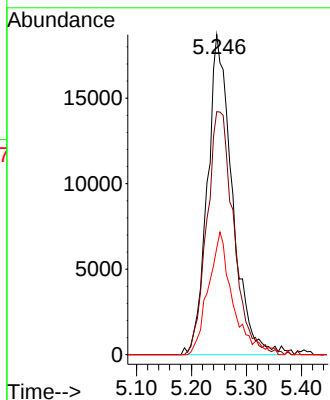
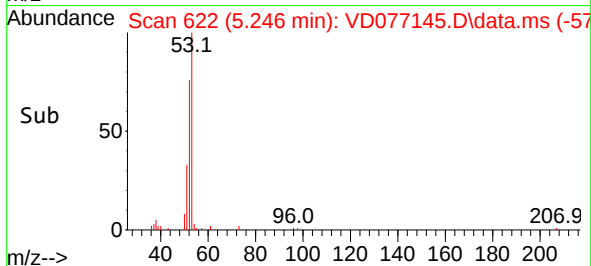
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



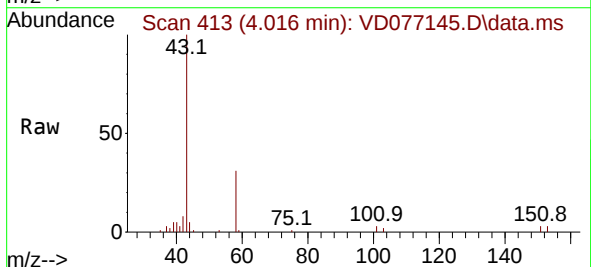
Tgt Ion: 53 Resp: 58724
Ion Ratio Lower Upper
53 100
52 81.8 65.0 97.4
51 37.2 28.3 42.5

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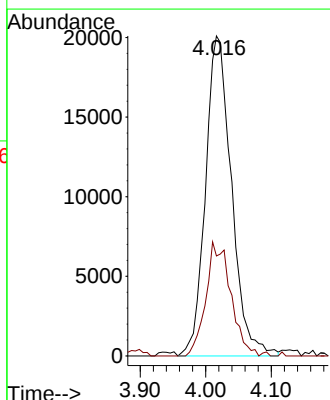
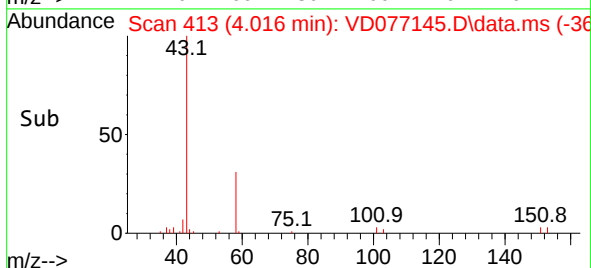
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

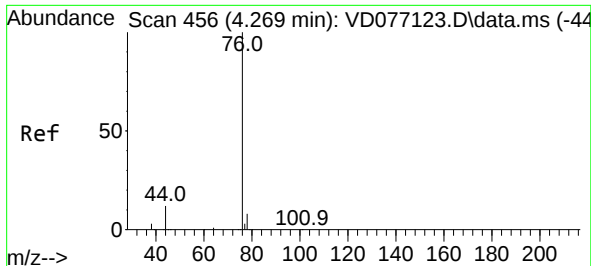


#16
Acetone
Concen: 102.045 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



Tgt Ion: 43 Resp: 55374
Ion Ratio Lower Upper
43 100
58 31.3 34.7 52.1#





#17

Carbon Disulfide

Concen: 18.850 ug/l

RT: 4.263 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

Tgt Ion: 76 Resp: 169824

Ion Ratio Lower Upper

76 100

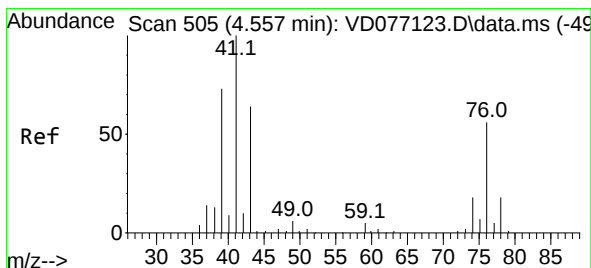
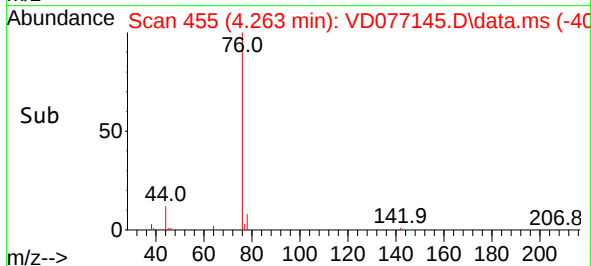
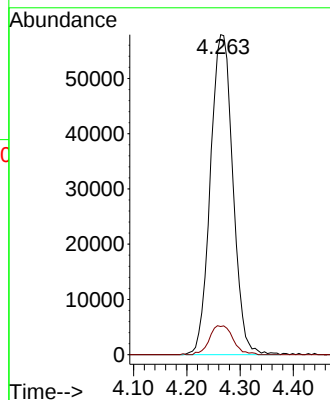
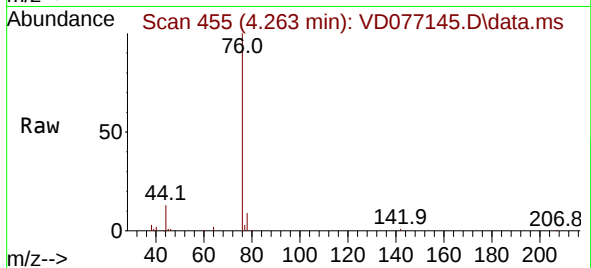
78 8.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#18

Methyl Acetate

Concen: 19.779 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077145.D

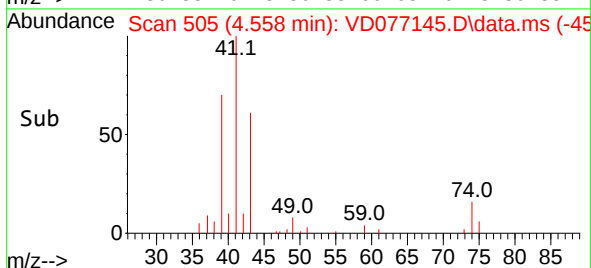
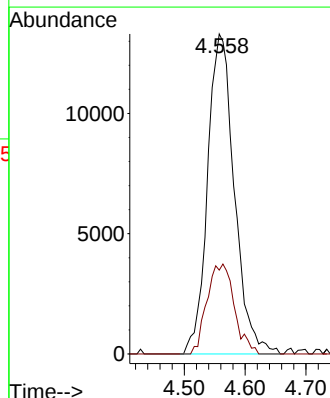
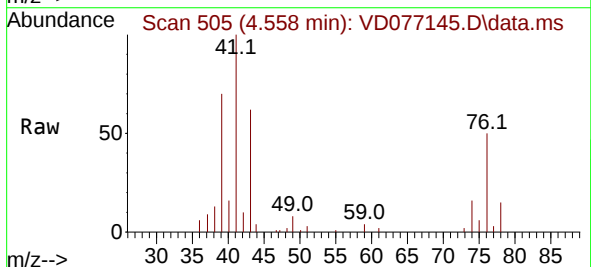
Acq: 19 Sep 2023 14:39

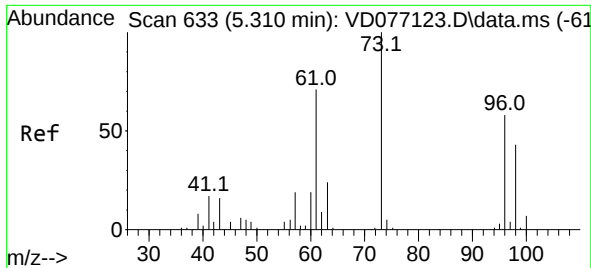
Tgt Ion: 43 Resp: 40586

Ion Ratio Lower Upper

43 100

74 28.7 26.4 39.6





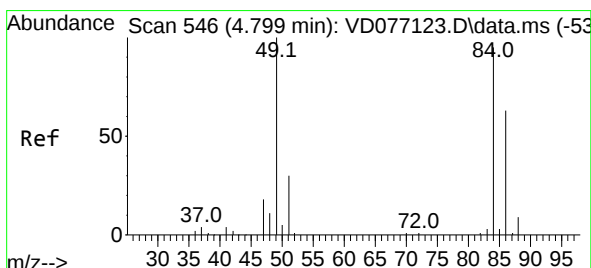
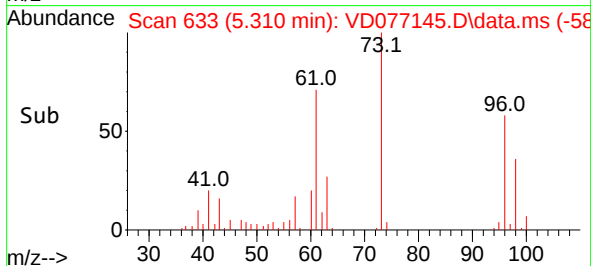
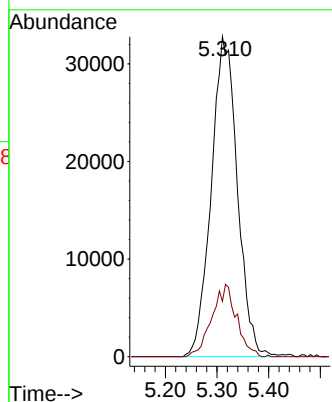
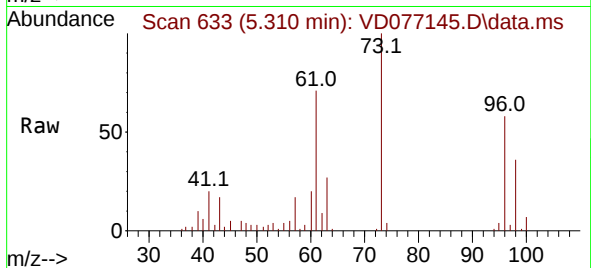
#19
Methyl tert-butyl Ether
Concen: 19.461 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01

Tgt Ion: 73 Resp: 115244
Ion Ratio Lower Upper
73 100
57 17.3 16.6 25.0

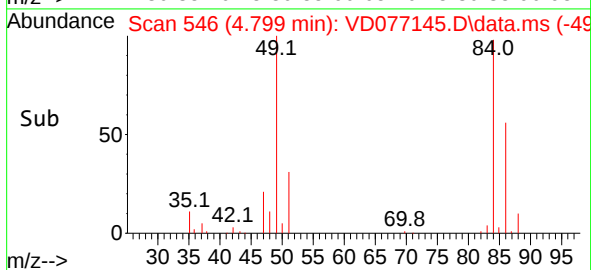
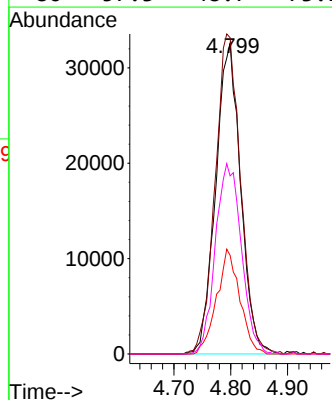
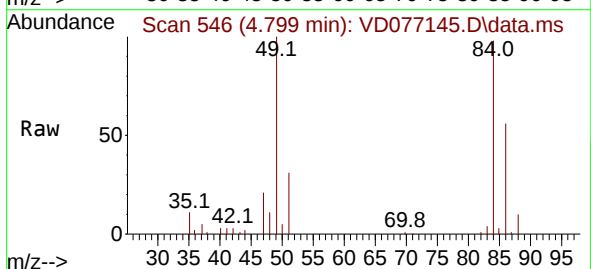
Manual Integrations
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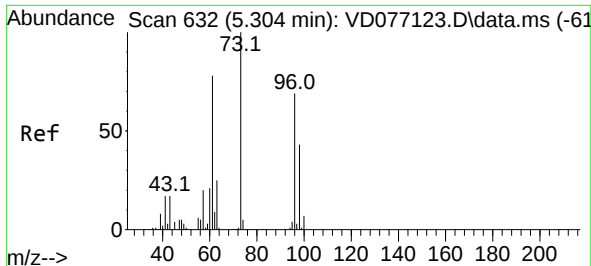
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#20
Methylene Chloride
Concen: 25.130 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

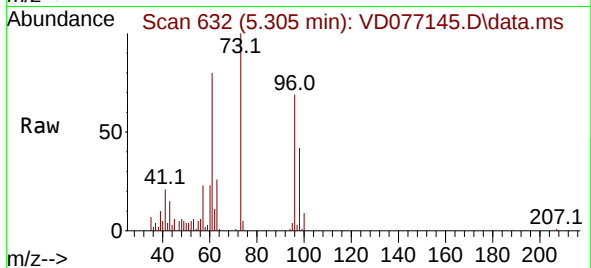
Tgt Ion: 84 Resp: 99220
Ion Ratio Lower Upper
84 100
49 101.8 71.4 107.2
51 31.7 24.5 36.7
86 57.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 18.825 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

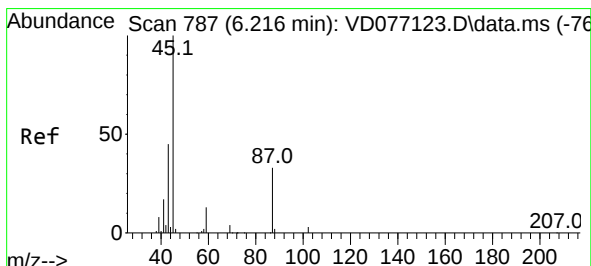
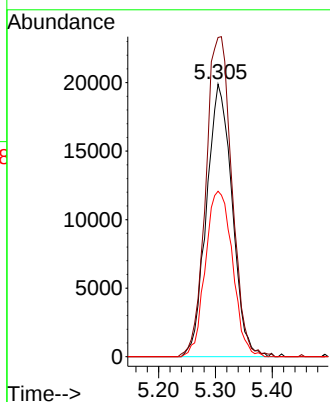
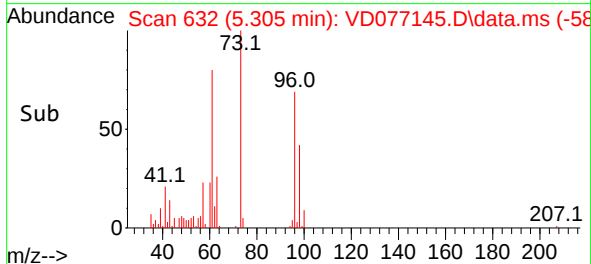
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



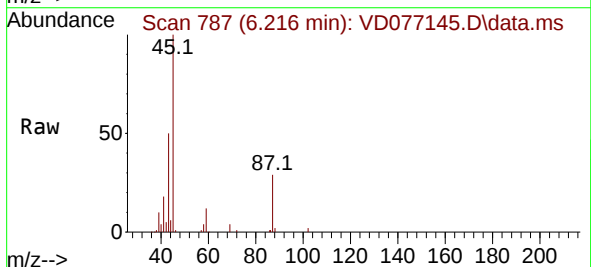
Tgt Ion: 96 Resp: 62278
Ion Ratio Lower Upper
96 100
61 117.2 89.3 133.9
98 60.8 48.6 73.0

Manual Integrations
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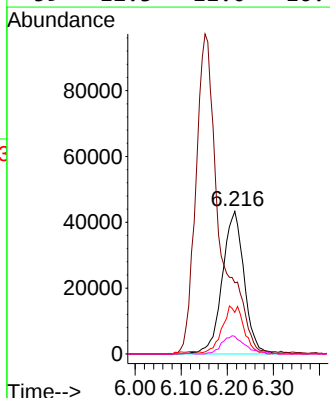
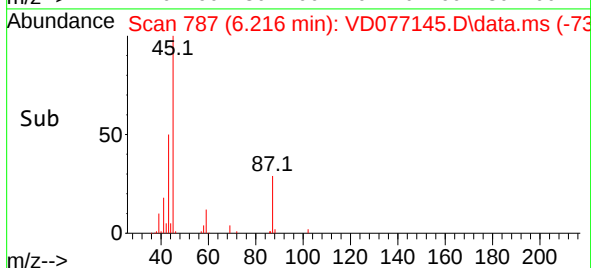
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

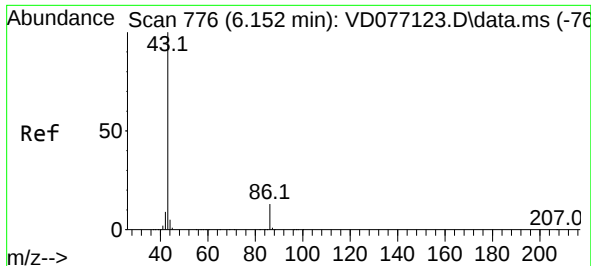


#22
Diisopropyl ether
Concen: 18.828 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



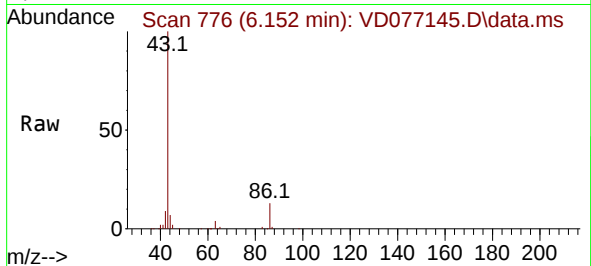
Tgt Ion: 45 Resp: 142140
Ion Ratio Lower Upper
45 100
43 48.9 40.0 60.0
87 29.1 28.2 42.4
59 12.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 97.593 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077145.D
 Acq: 19 Sep 2023 14:39

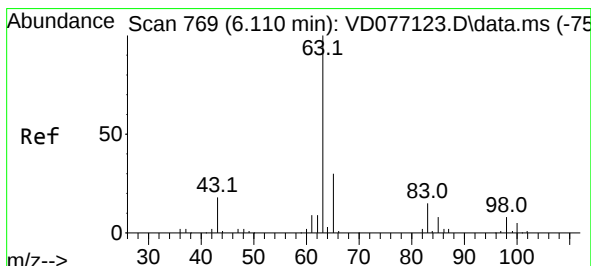
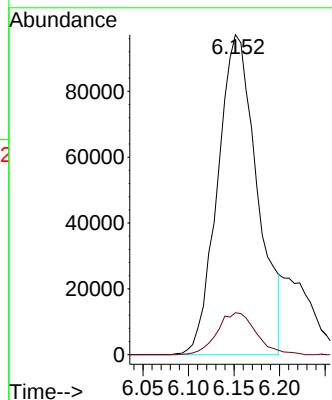
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0919SBS01



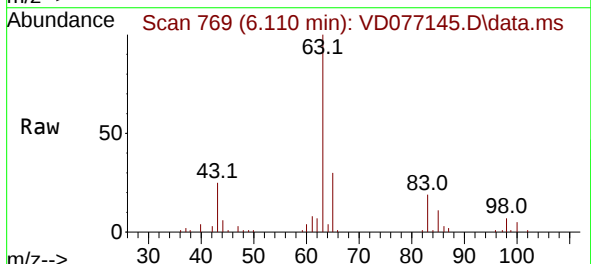
Tgt Ion: 43 Resp: 29454
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7

Manual Integrations
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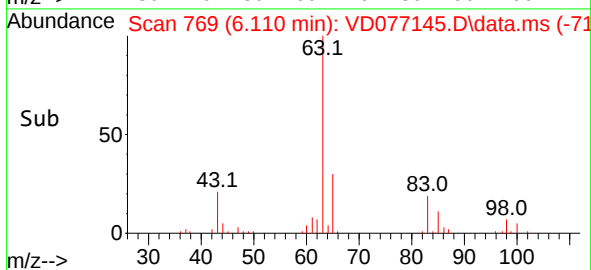
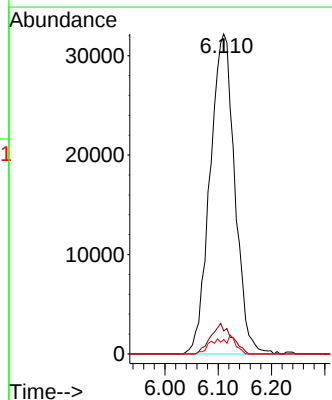
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

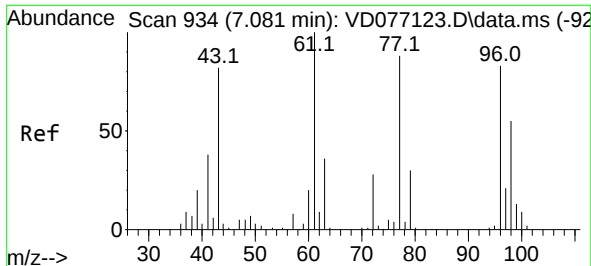


#24
 1,1-Dichloroethane
 Concen: 19.178 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077145.D
 Acq: 19 Sep 2023 14:39



Tgt Ion: 63 Resp: 103911
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.5 2.5 7.5





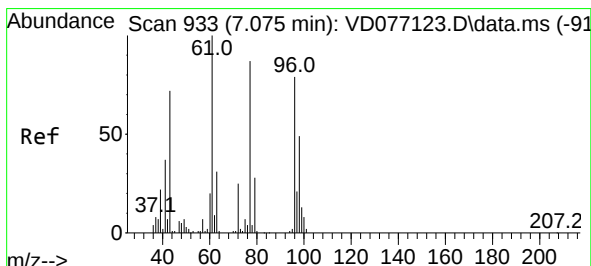
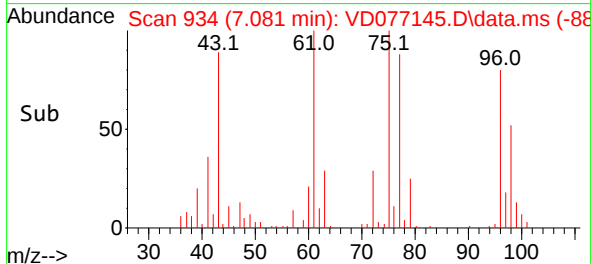
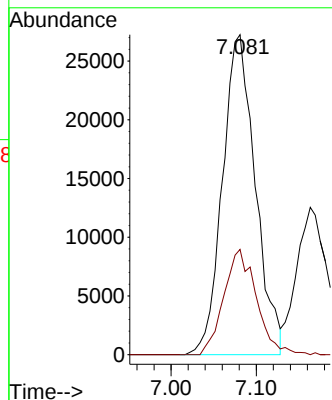
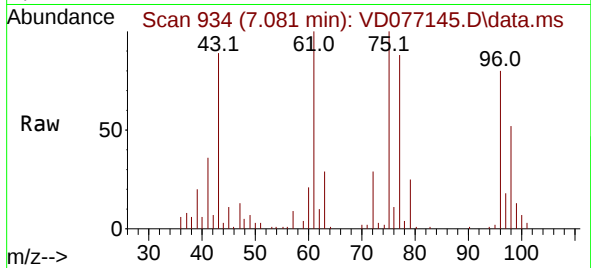
#25
2-Butanone
Concen: 102.135 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01

Tgt Ion: 43 Resp: 72914
Ion Ratio Lower Upper
43 100
72 32.9 30.7 46.1

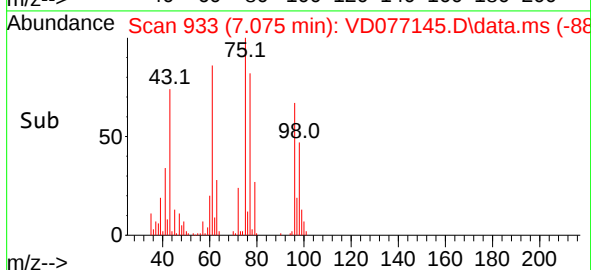
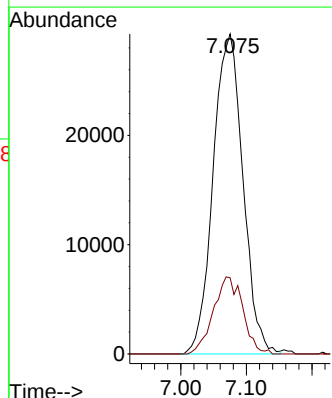
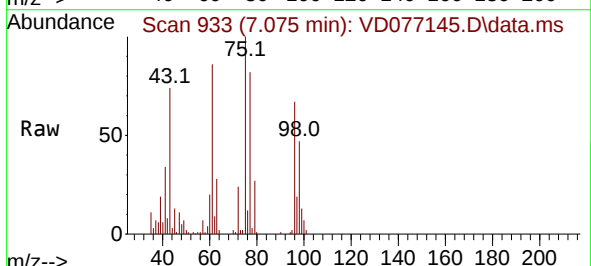
Manual Integrations
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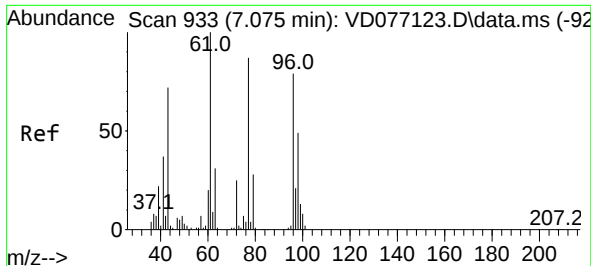
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#26
2,2-Dichloropropane
Concen: 20.084 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Tgt Ion: 77 Resp: 92370
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6





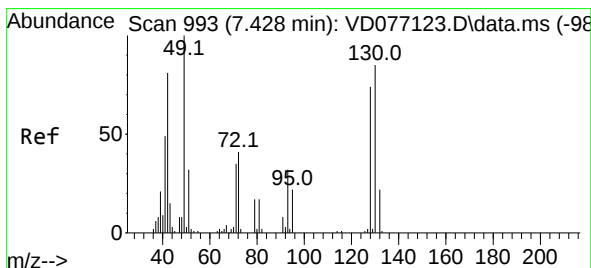
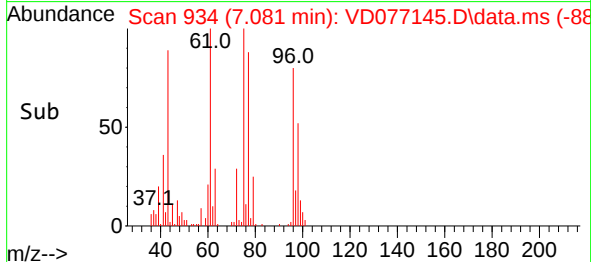
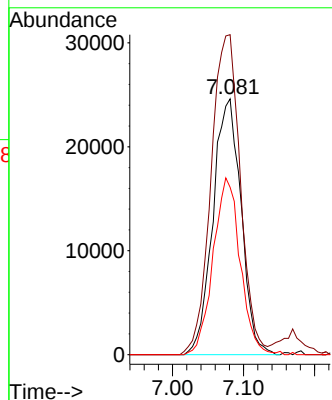
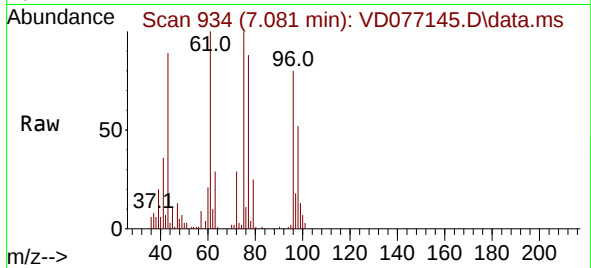
#27
 cis-1,2-Dichloroethene
 Concen: 18.198 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077145.D
 Acq: 19 Sep 2023 14:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0919SBS01

Tgt Ion: 96 Resp: 67678
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 239.2
 98 66.6 0.0 128.6

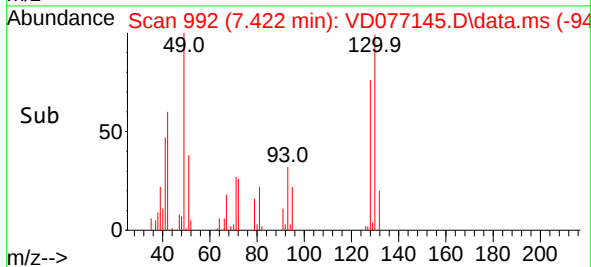
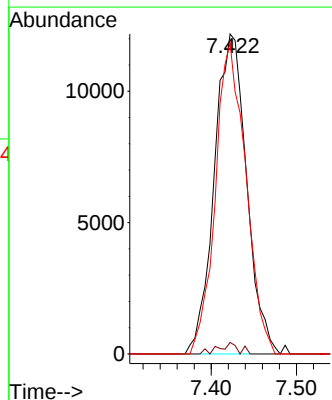
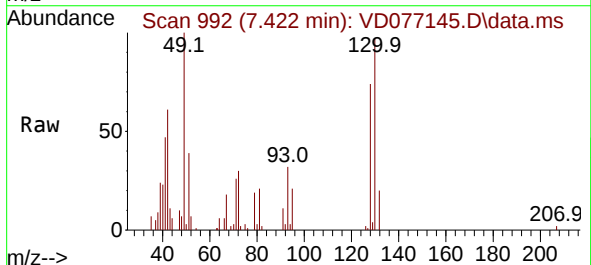
Manual Integrations
 APPROVED

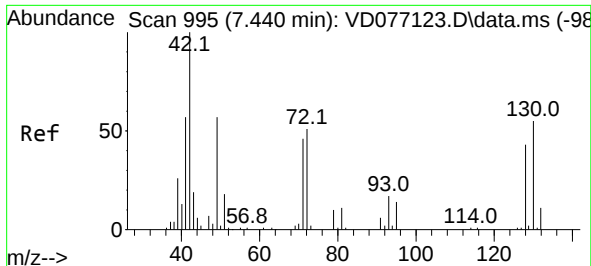
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#28
 Bromochloromethane
 Concen: 19.309 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077145.D
 Acq: 19 Sep 2023 14:39

Tgt Ion: 49 Resp: 32127
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.0
 130 91.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 97.118 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

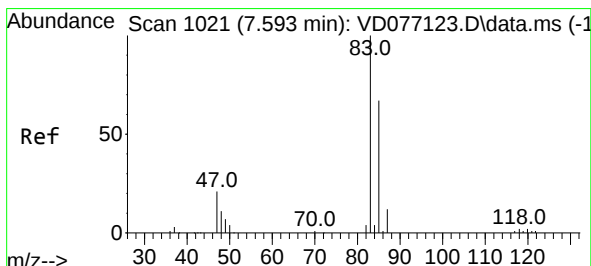
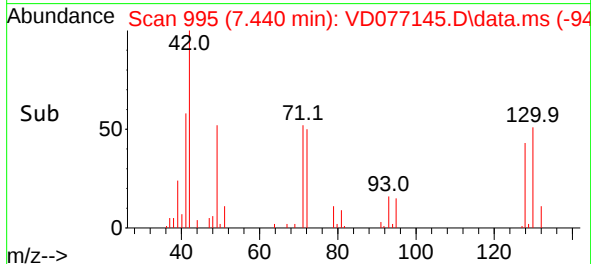
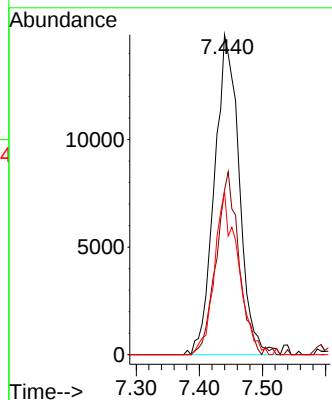
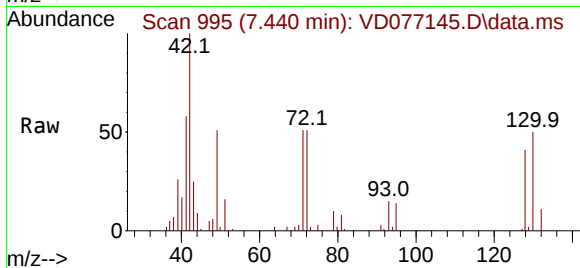
VD0919SBS01

Tgt Ion:	42	Resp:	4053
Ion Ratio	Lower	Upper	
42	100		
72	51.8	46.5	69.7
71	48.7	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#30

Chloroform

Concen: 18.798 ug/l

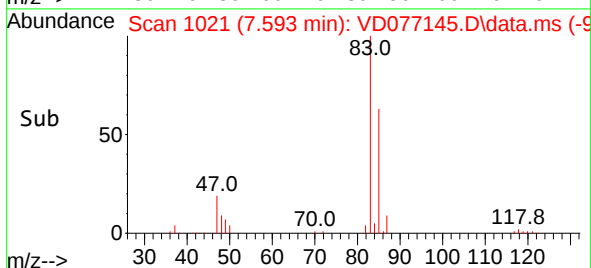
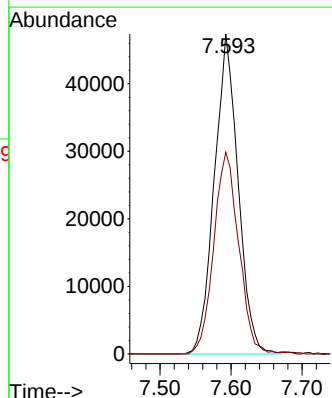
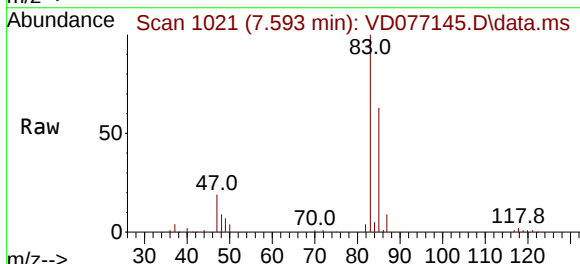
RT: 7.593 min Scan# 1021

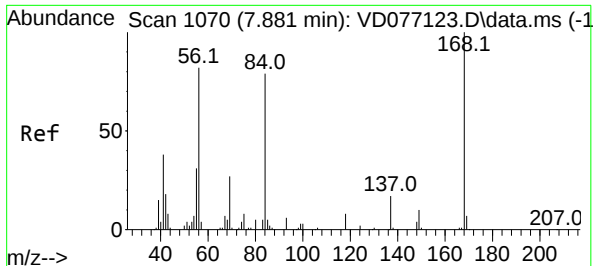
Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion:	83	Resp:	109770
Ion Ratio	Lower	Upper	
83	100		
85	63.0	53.4	80.2





#31

Cyclohexane

Concen: 19.506 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.012 min

Lab File: VD077145.D

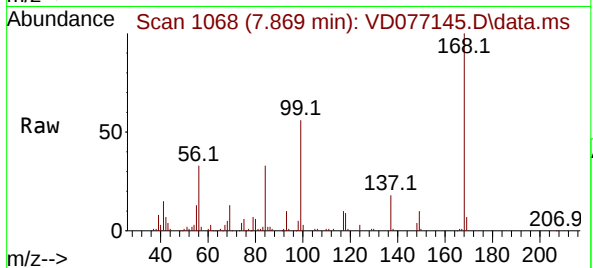
Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

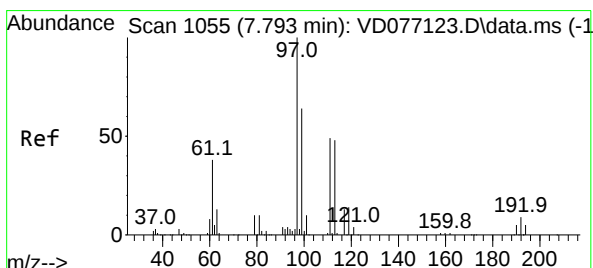
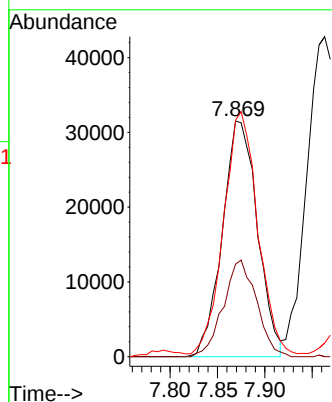
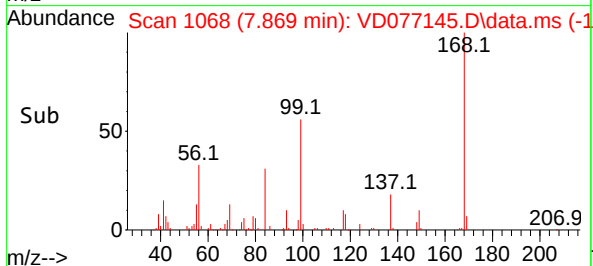


Tgt Ion:	56	Resp:	8102
Ion Ratio	100	Lower	Upper
56	100		
69	39.2	28.6	43.0
84	98.6	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#32

1,1,1-Trichloroethane

Concen: 19.947 ug/l

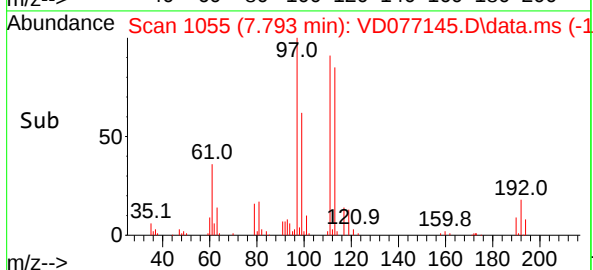
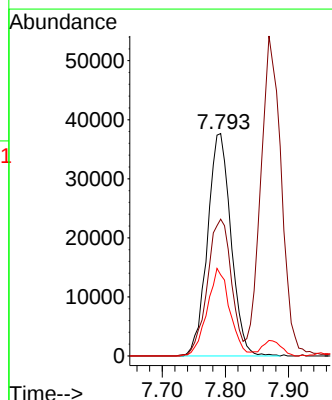
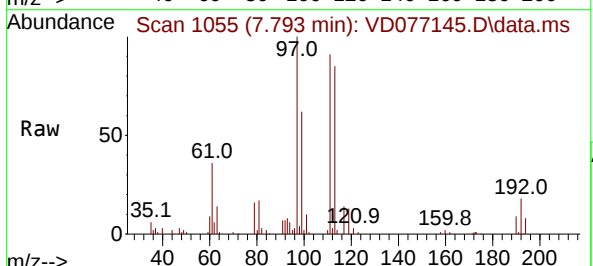
RT: 7.793 min Scan# 1055

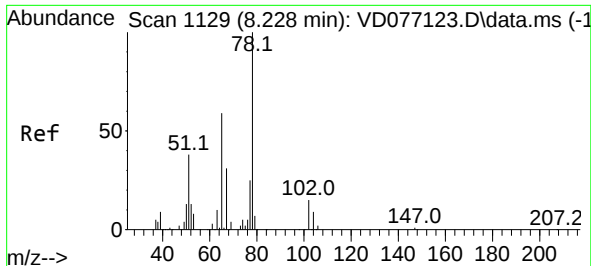
Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion:	97	Resp:	97228
Ion Ratio	100	Lower	Upper
97	100		
99	63.0	52.0	78.0
61	38.0	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 36.730 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

Tgt Ion: 65 Resp: 87200

Ion Ratio Lower Upper

65 100

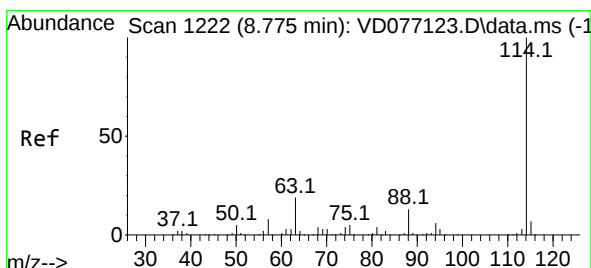
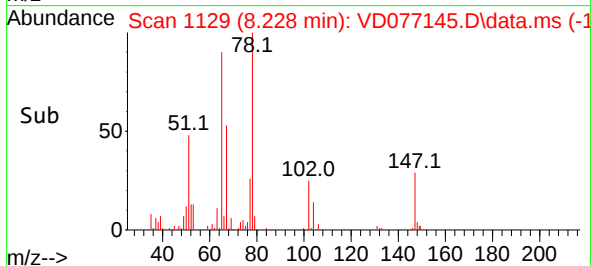
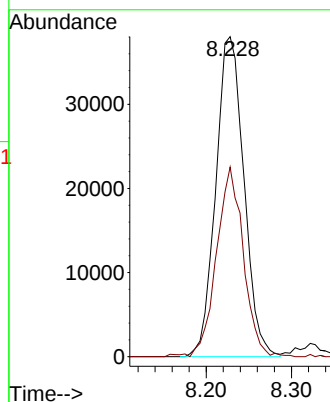
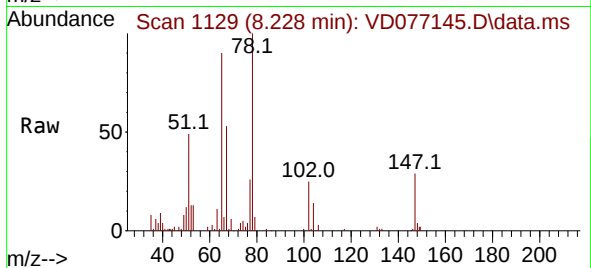
67 56.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

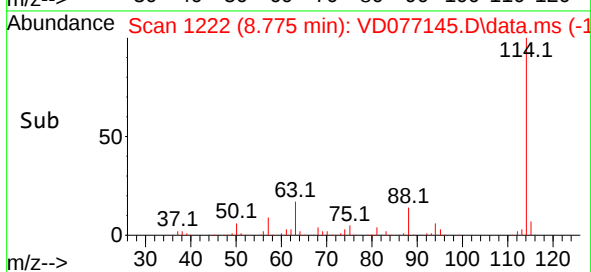
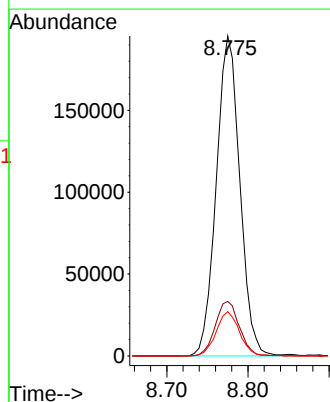
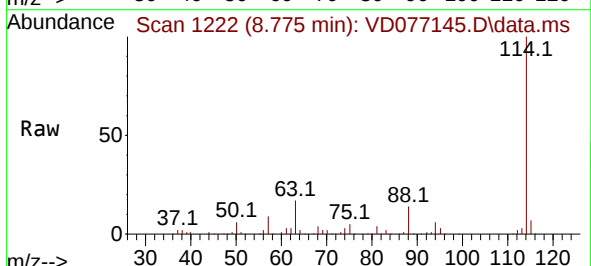
Tgt Ion:114 Resp: 394376

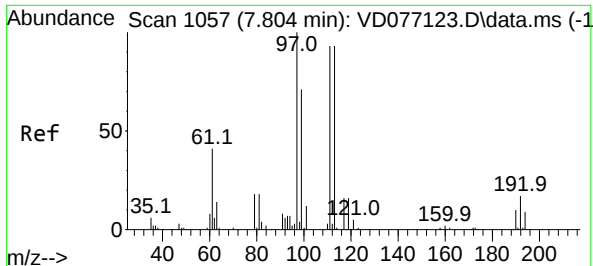
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 36.025 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

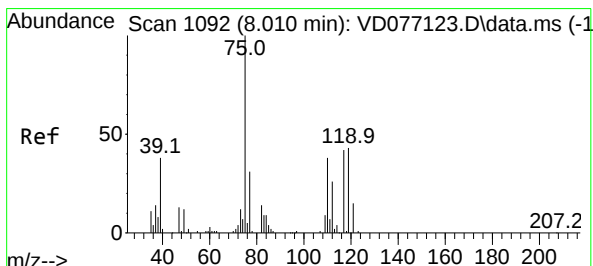
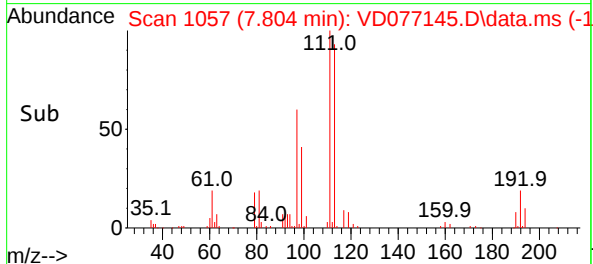
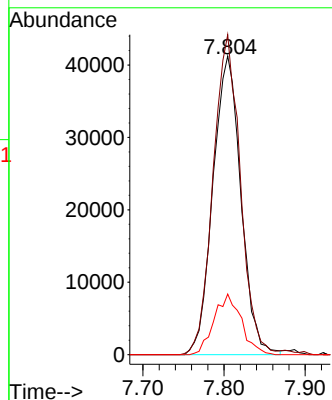
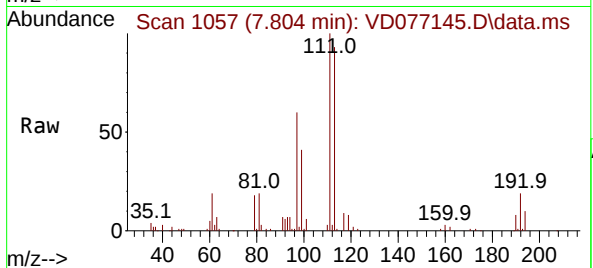
Tgt Ion: 113 Resp: 9868

Ion	Ratio	Lower	Upper
113	100		
111	104.2	84.7	127.1
192	19.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#36

1,1-Dichloropropene

Concen: 19.723 ug/l

RT: 8.004 min Scan# 1091

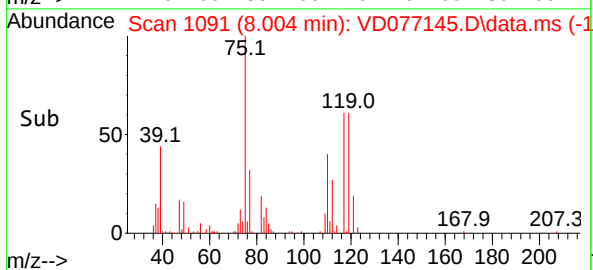
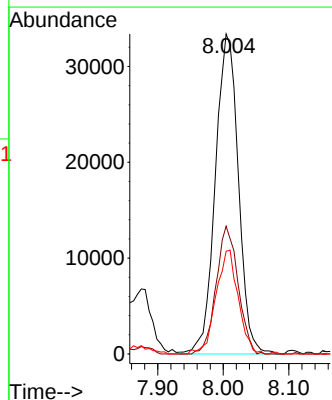
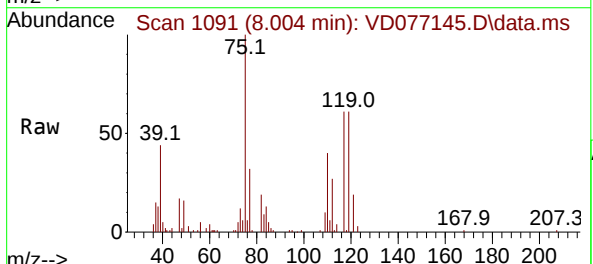
Delta R.T. -0.006 min

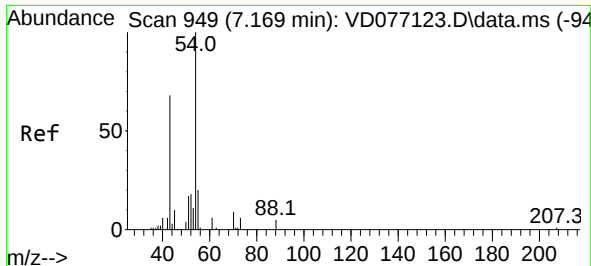
Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion: 75 Resp: 81366

Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.9	59.6
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 19.404 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077145.D

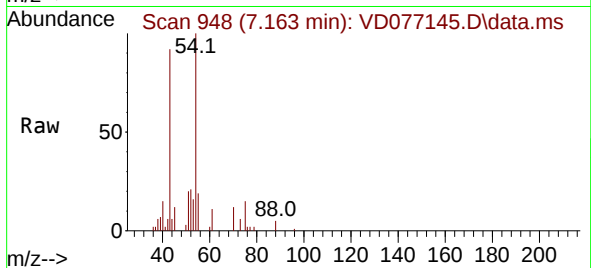
Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

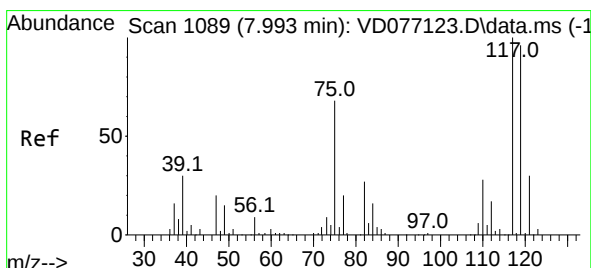
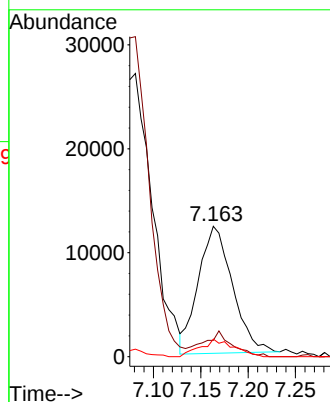
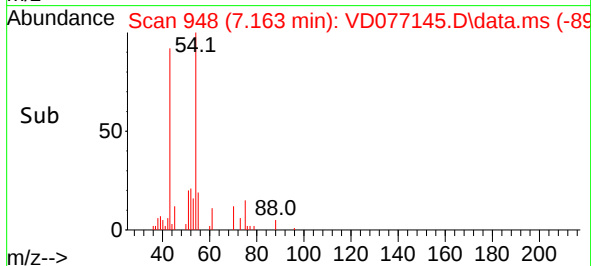


Tgt Ion:	43	Resp:	3071
Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.9	22.3
70	13.4	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#38

Carbon Tetrachloride

Concen: 20.366 ug/l

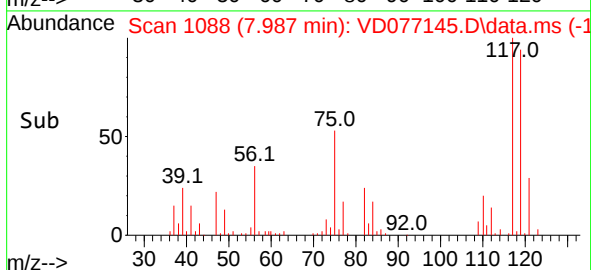
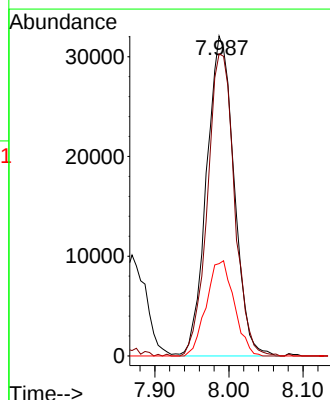
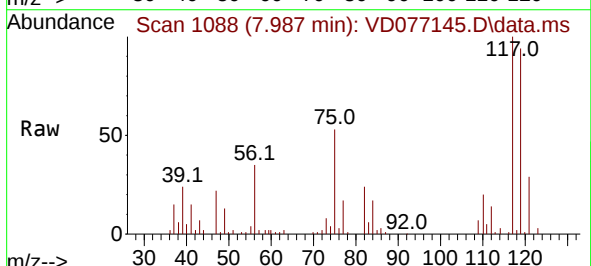
RT: 7.987 min Scan# 1088

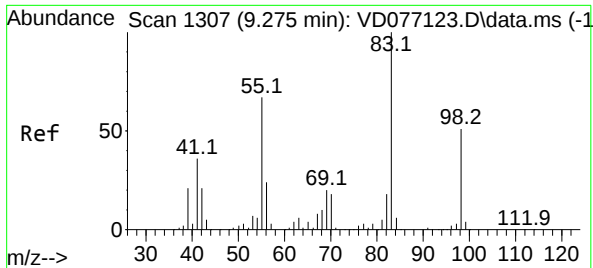
Delta R.T. -0.006 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

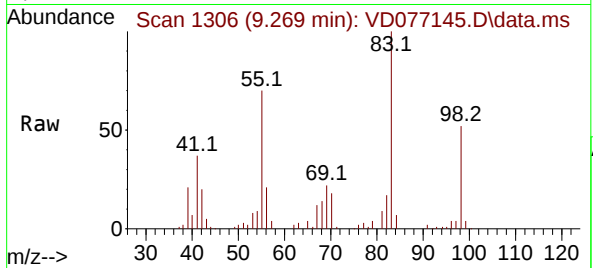
Tgt Ion:	117	Resp:	82579
Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.0	117.0
121	28.9	24.2	36.2





#39
Methylcyclohexane
Concen: 19.051 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

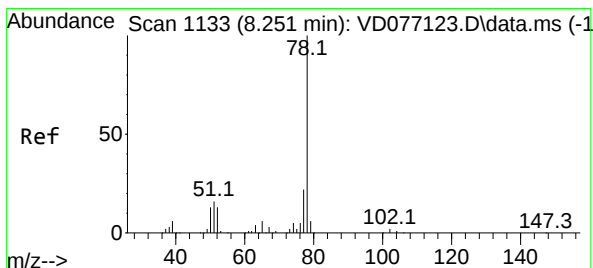
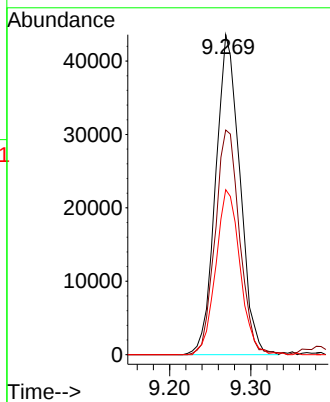
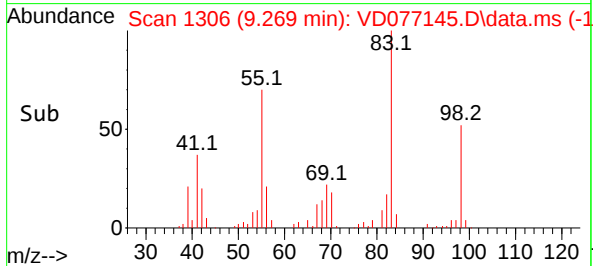
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



Tgt Ion: 83 Resp: 90429
Ion Ratio Lower Upper
83 100
55 70.2 49.4 74.0
98 51.6 38.4 57.6

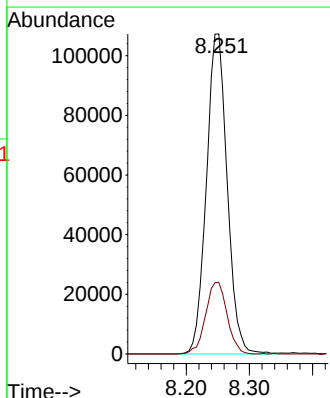
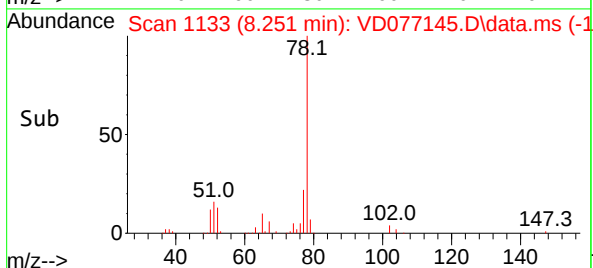
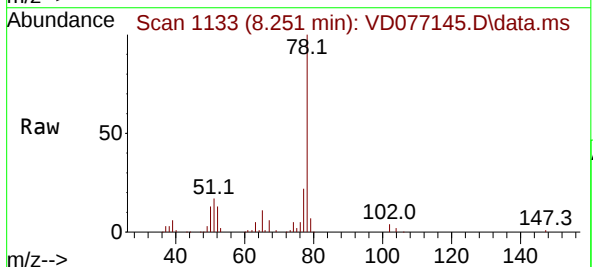
Manual Integrations
APPROVED

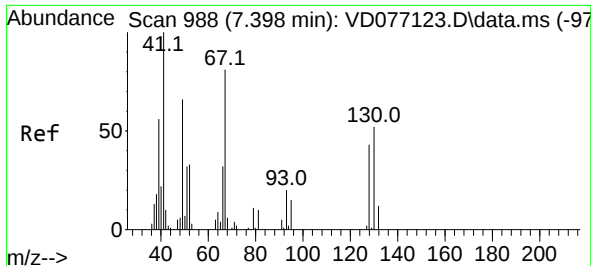
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#40
Benzene
Concen: 19.212 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

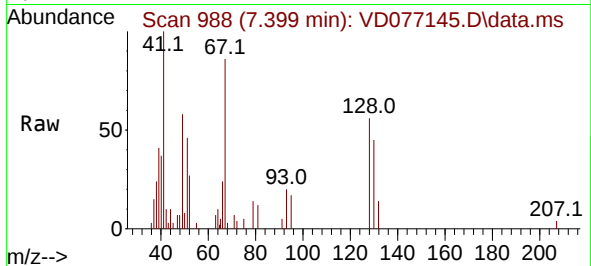
Tgt Ion: 78 Resp: 245216
Ion Ratio Lower Upper
78 100
77 22.3 19.4 29.0





#41
Methacrylonitrile
Concen: 17.681 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

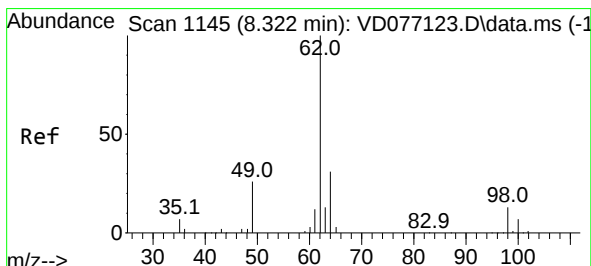
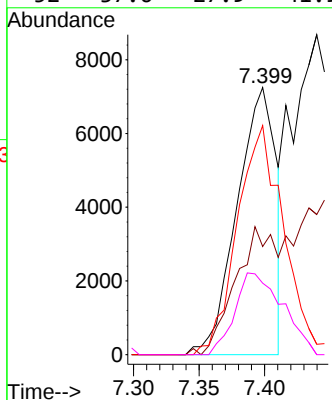
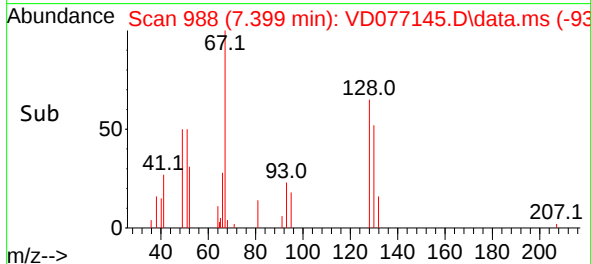
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



Tgt Ion:	41	Resp:	1493
Ion Ratio	100	Lower	Upper
39	50.0	34.0	51.0
67	102.1	77.0	115.4
52	37.6	27.9	41.9

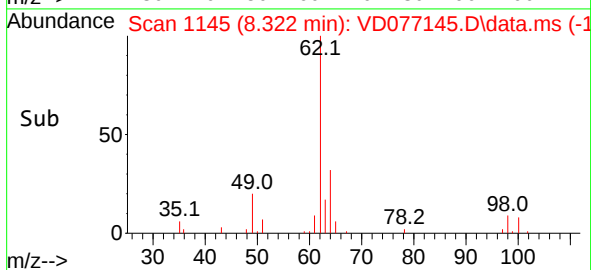
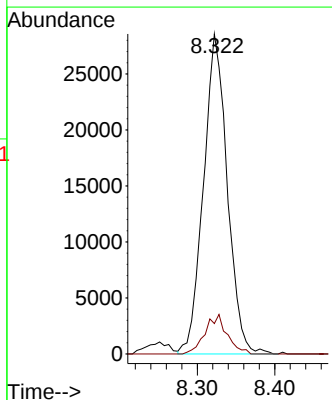
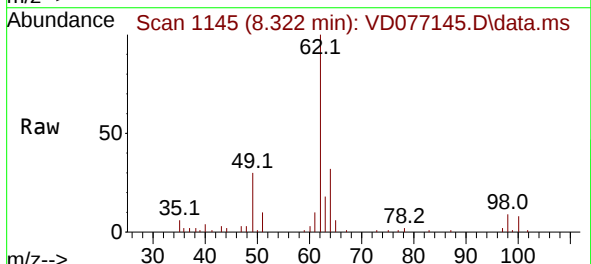
Manual Integrations
APPROVED

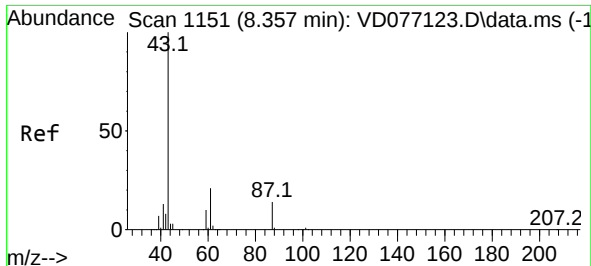
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#42
1,2-Dichloroethane
Concen: 19.281 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Tgt Ion:	62	Resp:	61013
Ion Ratio	100	Lower	Upper
98	11.4	0.0	25.4





#43

Isopropyl Acetate

Concen: 20.226 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

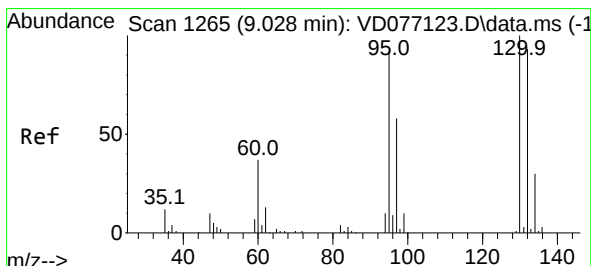
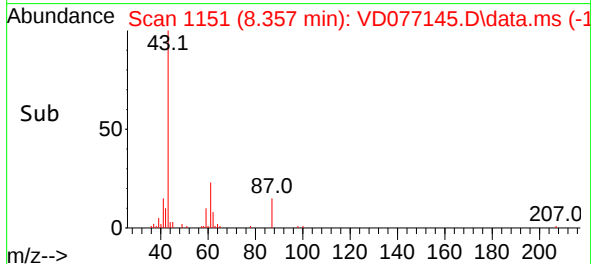
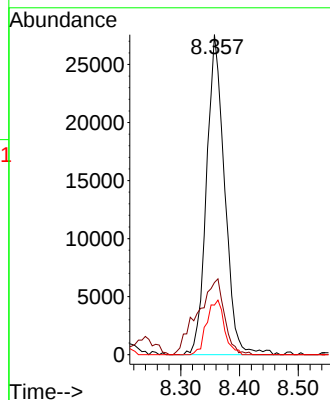
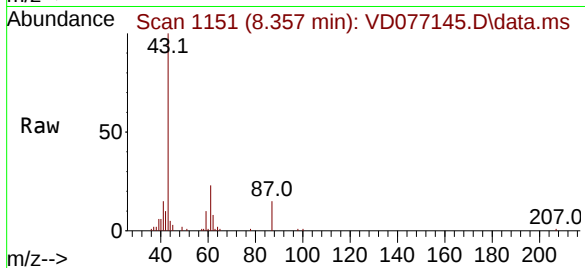
VD0919SBS01

Tgt Ion:	43	Resp:	5894
Ion Ratio	Lower	Upper	
43	100		
61	34.8	31.4	47.0
87	16.7	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#44

Trichloroethene

Concen: 18.908 ug/l

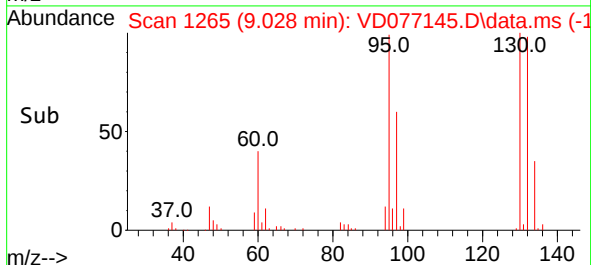
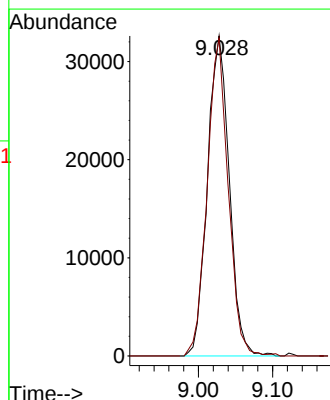
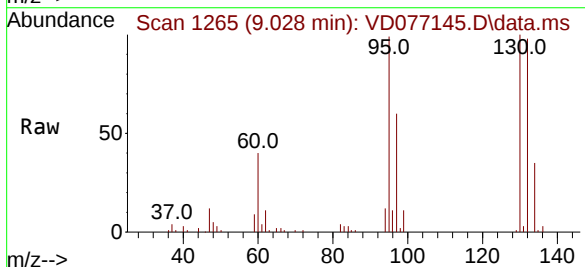
RT: 9.028 min Scan# 1265

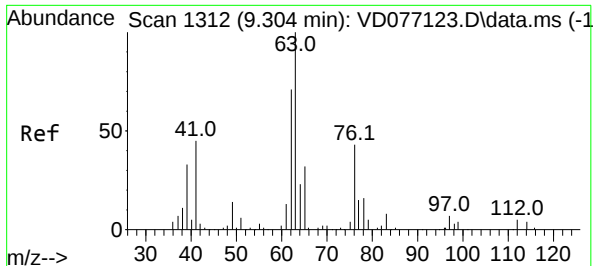
Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion:	130	Resp:	66794
Ion Ratio	Lower	Upper	
130	100		
95	99.3	0.0	179.2





#45

1,2-Dichloropropane

Concen: 18.943 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

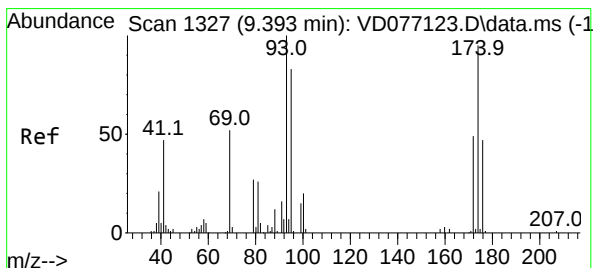
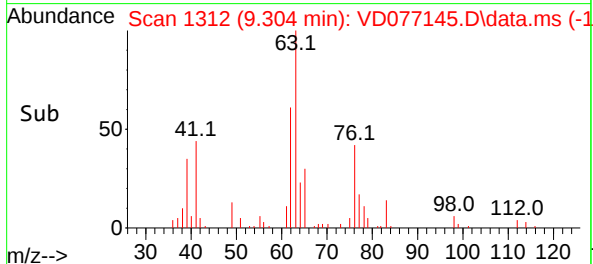
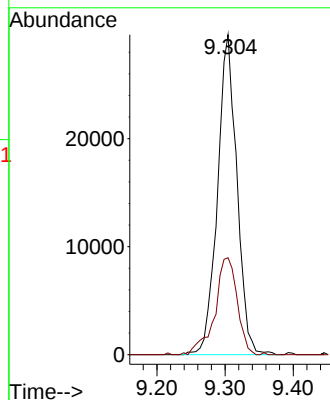
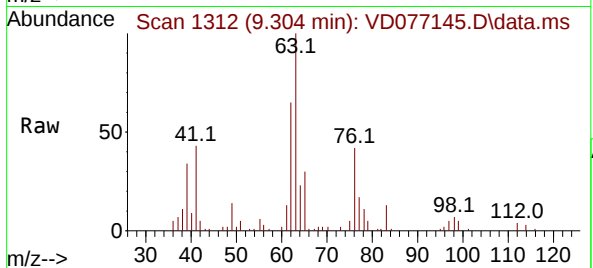
VD0919SBS01

Tgt Ion: 63 Resp: 58725
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#46

Dibromomethane

Concen: 19.588 ug/l

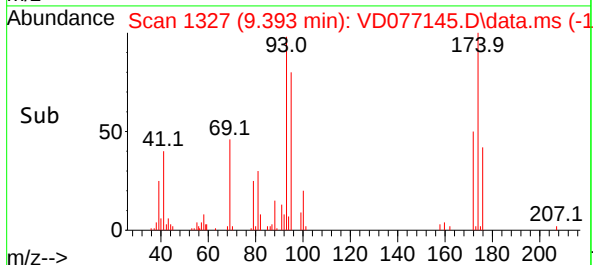
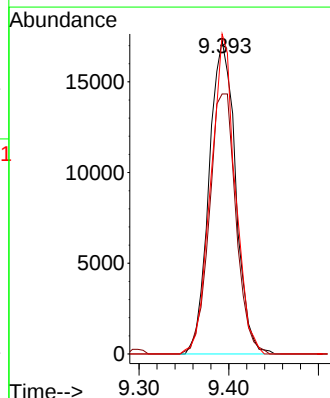
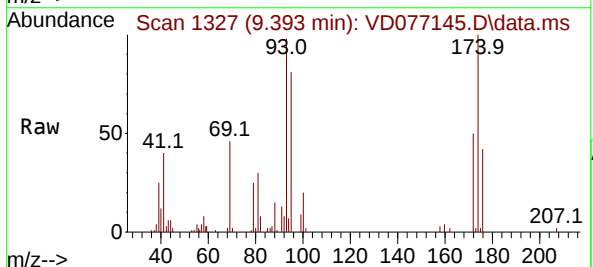
RT: 9.393 min Scan# 1327

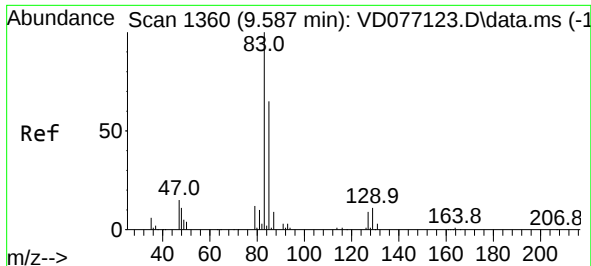
Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion: 93 Resp: 35287
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.7 101.5
 174 94.1 85.4 128.2





#47

Bromodichloromethane

Concen: 19.019 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

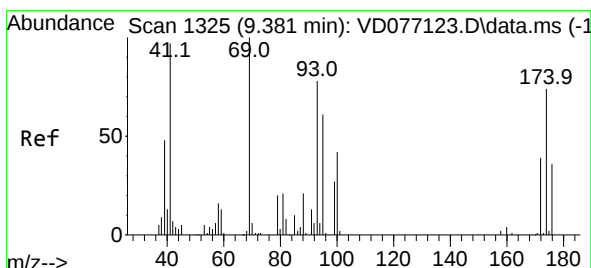
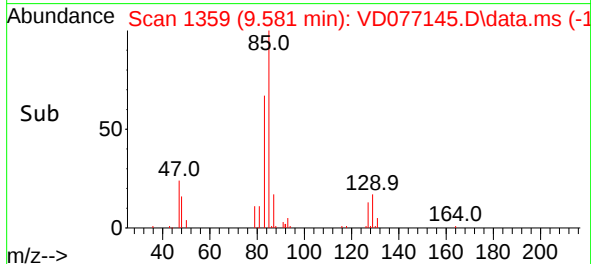
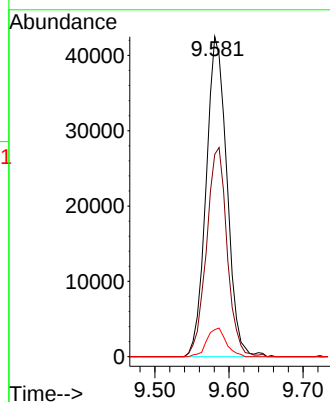
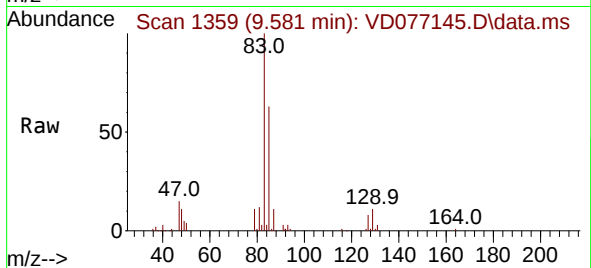
VD0919SBS01

Tgt Ion: 83	Resp: 8279
Ion Ratio	Lower Upper
83 100	
85 63.3	50.2 75.4
127 8.5	6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#48

Methyl methacrylate

Concen: 20.175 ug/l

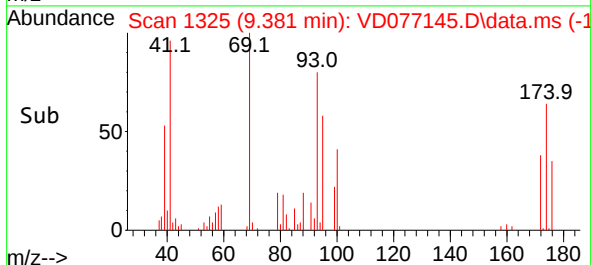
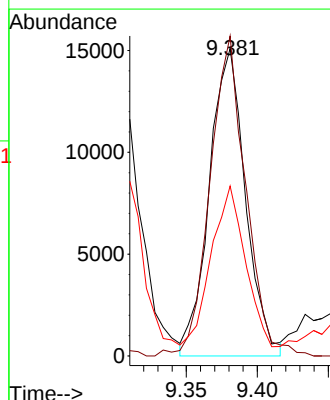
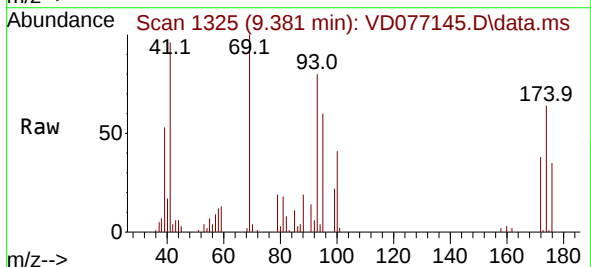
RT: 9.381 min Scan# 1325

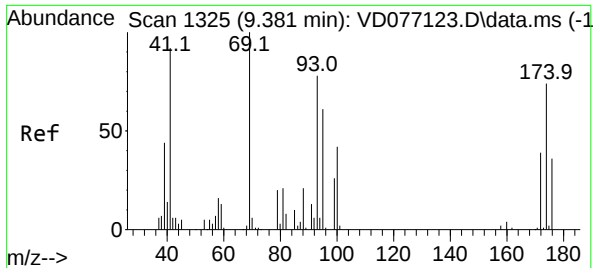
Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

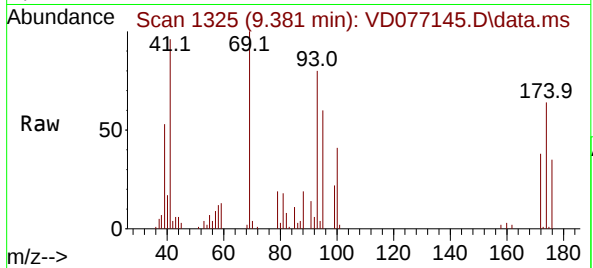
Tgt Ion: 41	Resp: 26715
Ion Ratio	Lower Upper
41 100	
69 103.1	102.2 153.2
39 56.0	41.4 62.2





#49
1,4-Dioxane
Concen: 432.137 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

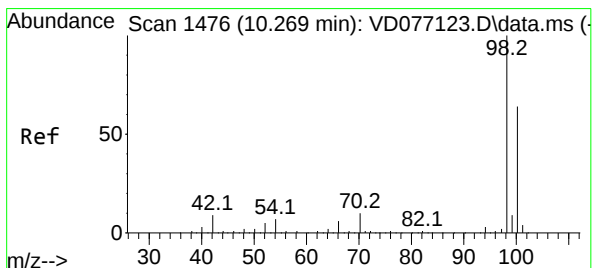
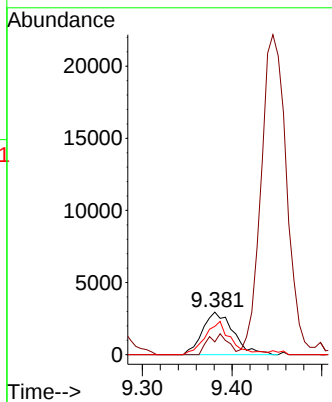
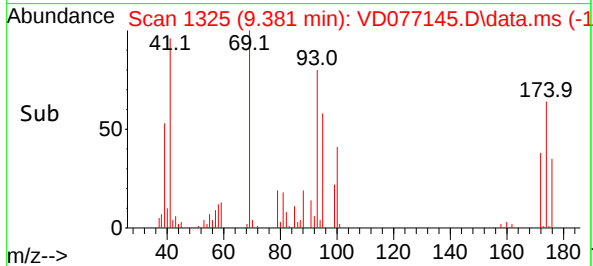
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



Tgt Ion: 88 Resp: 702
Ion Ratio Lower Upper
88 100
43 31.4 19.0 28.6
58 65.2 43.5 65.3

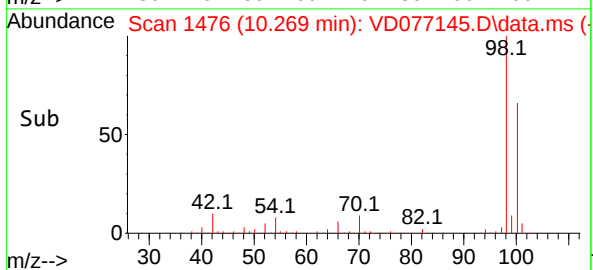
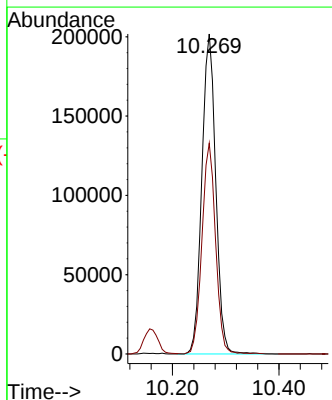
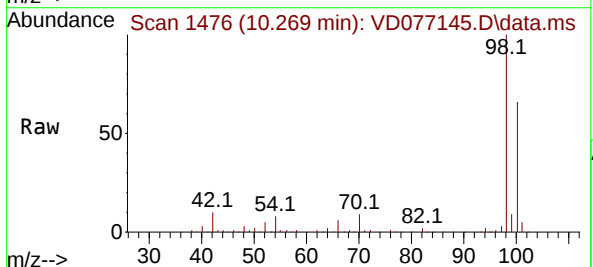
Manual Integrations
APPROVED

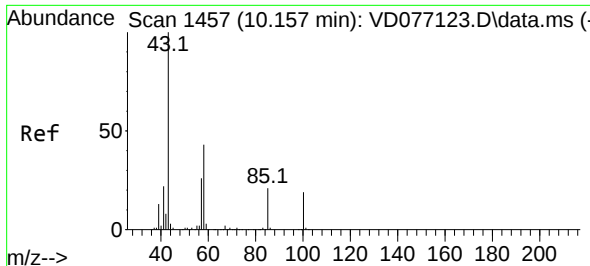
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#50
Toluene-d8
Concen: 37.377 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Tgt Ion: 98 Resp: 364437
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5





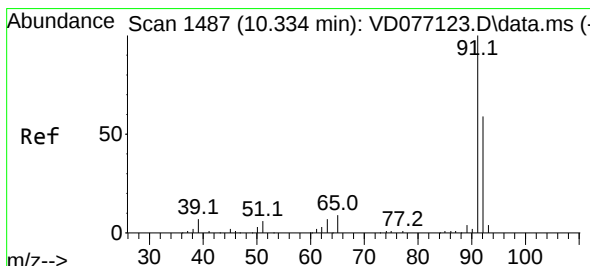
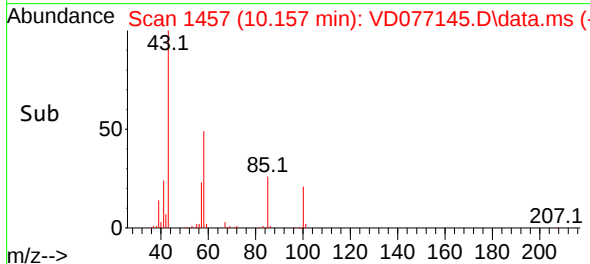
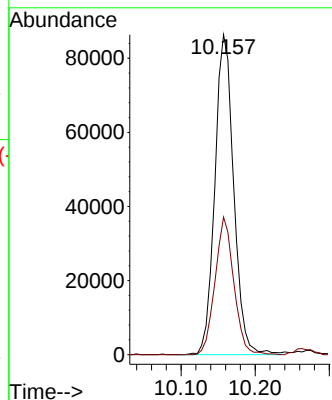
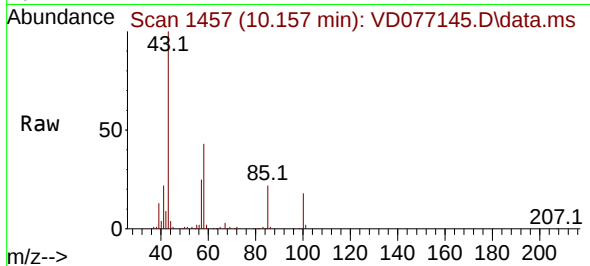
#51
4-Methyl-2-Pentanone
Concen: 100.202 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01

Tgt Ion: 43 Resp: 15271
Ion Ratio Lower Upper
43 100
58 42.7 38.9 58.3

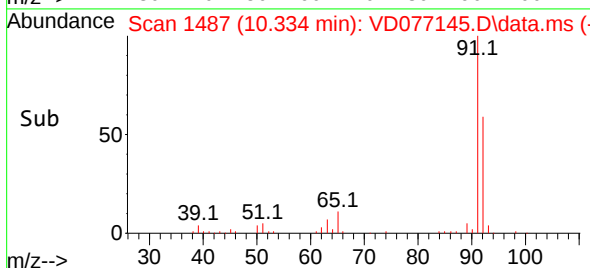
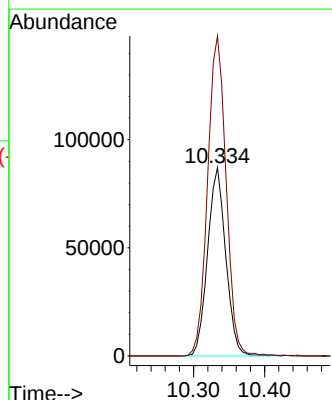
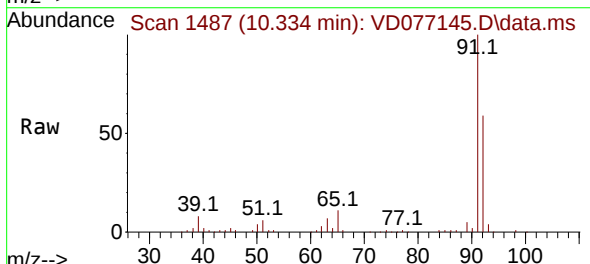
Manual Integrations
APPROVED

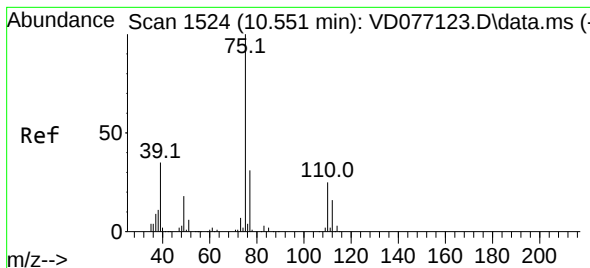
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#52
Toluene
Concen: 18.997 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

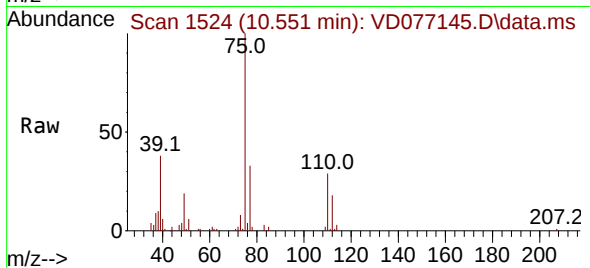
Tgt Ion: 92 Resp: 155118
Ion Ratio Lower Upper
92 100
91 172.8 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 19.048 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

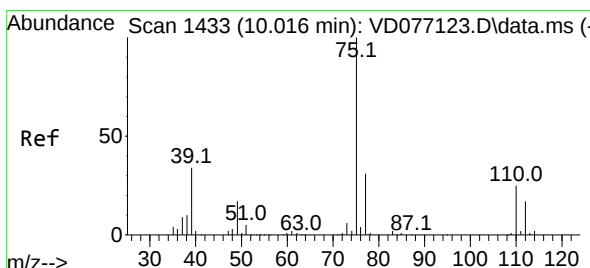
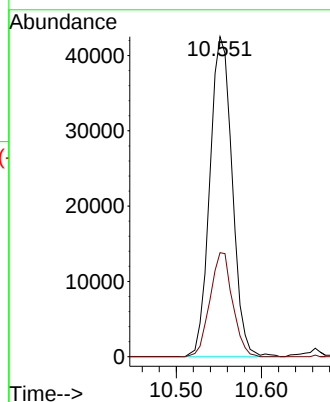
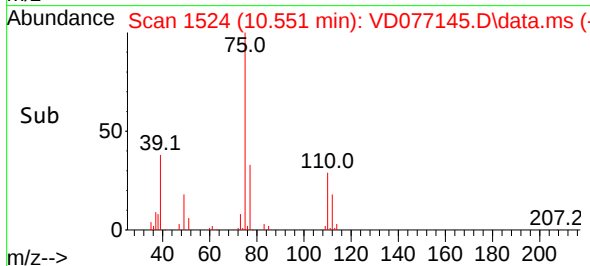
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



Tgt Ion: 75 Resp: 7747
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9

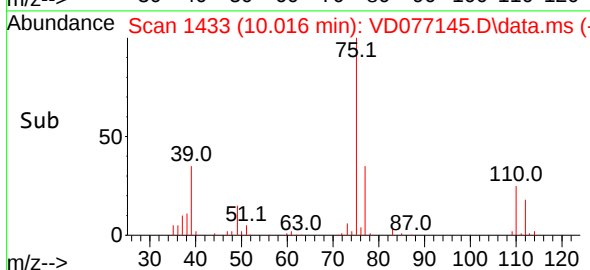
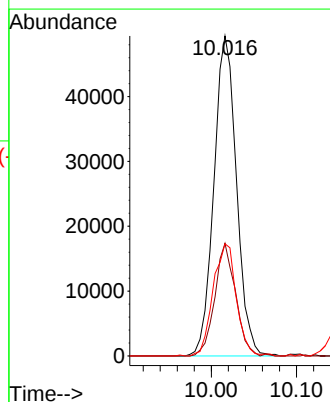
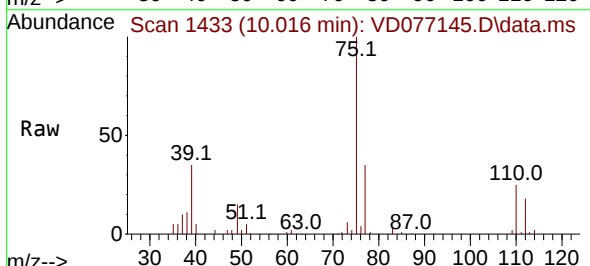
Manual Integrations
APPROVED

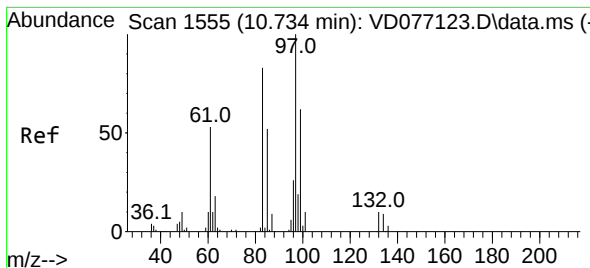
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#54
cis-1,3-Dichloropropene
Concen: 18.679 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Tgt Ion: 75 Resp: 91019
Ion Ratio Lower Upper
75 100
77 35.2 25.5 38.3
39 35.1 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 18.537 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

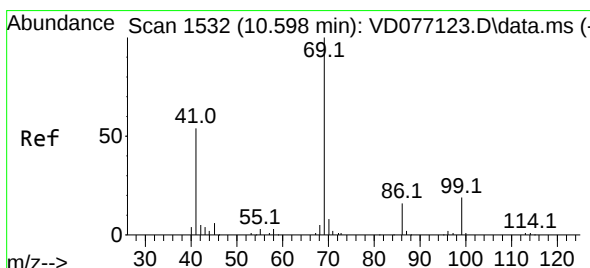
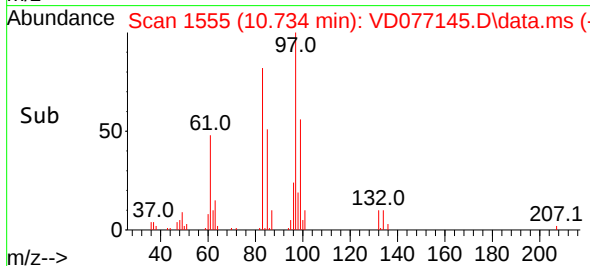
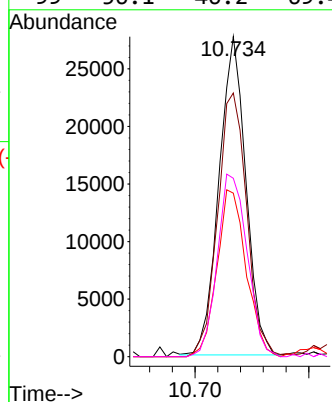
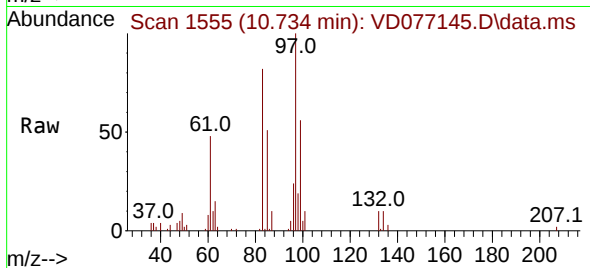
VD0919SBS01

Tgt Ion: 97	Resp: 45420
Ion Ratio	Lower Upper
97 100	
83 82.9	65.8 98.6
85 51.4	45.7 68.5
99 56.1	46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#56

Ethyl methacrylate

Concen: 19.137 ug/l

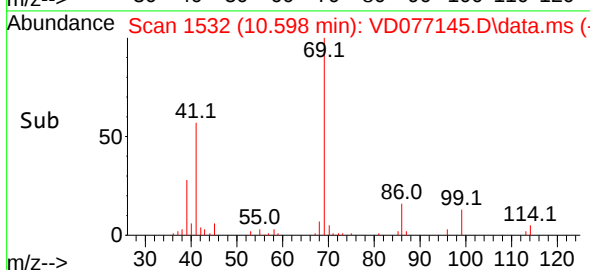
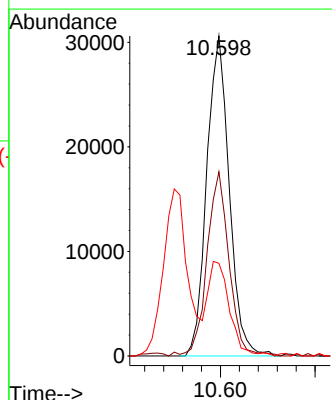
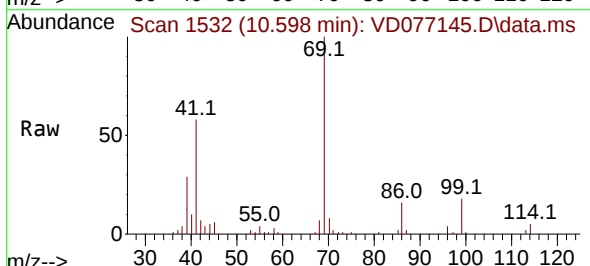
RT: 10.598 min Scan# 1532

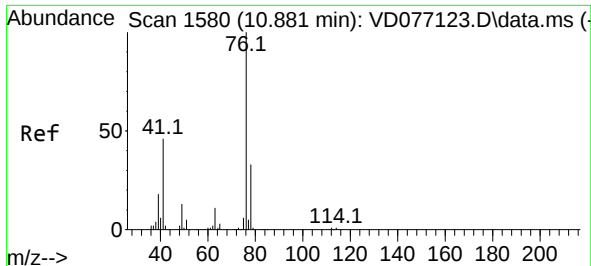
Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion: 69	Resp: 50377
Ion Ratio	Lower Upper
69 100	
41 56.6	39.1 58.7
39 28.2	20.0 30.0





#57

1,3-Dichloropropane

Concen: 19.863 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

Tgt Ion: 76 Resp: 7878

Ion Ratio Lower Upper

76 100

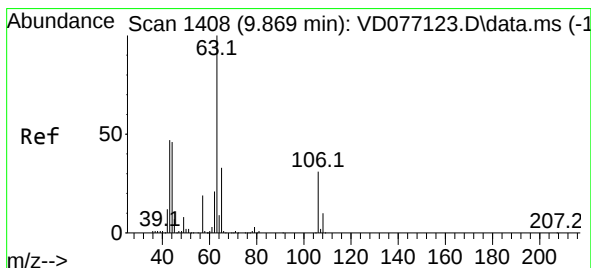
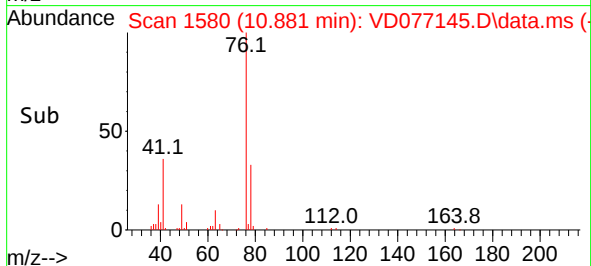
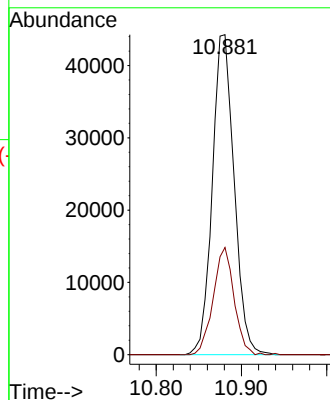
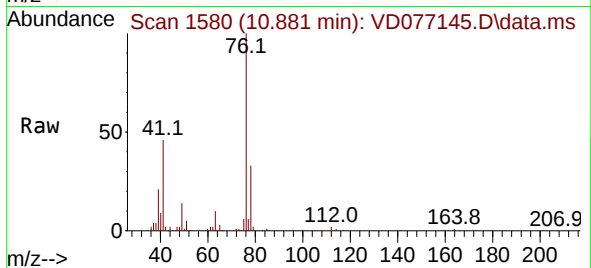
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 67.071 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077145.D

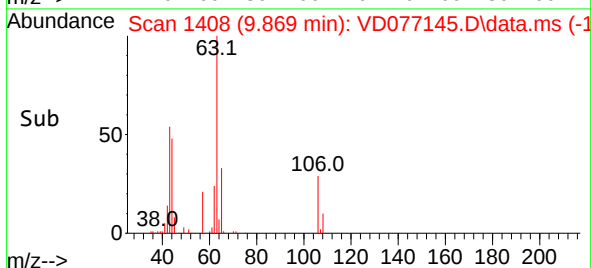
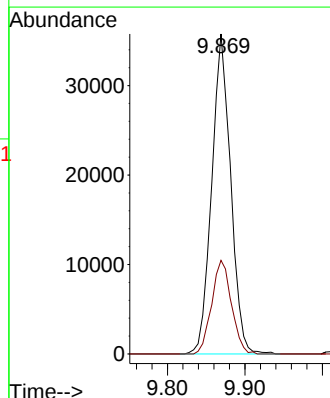
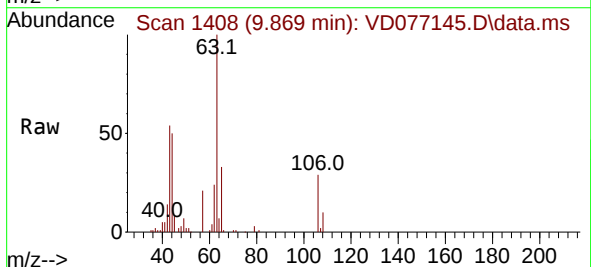
Acq: 19 Sep 2023 14:39

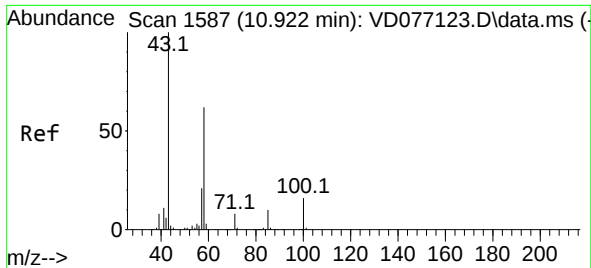
Tgt Ion: 63 Resp: 60631

Ion Ratio Lower Upper

63 100

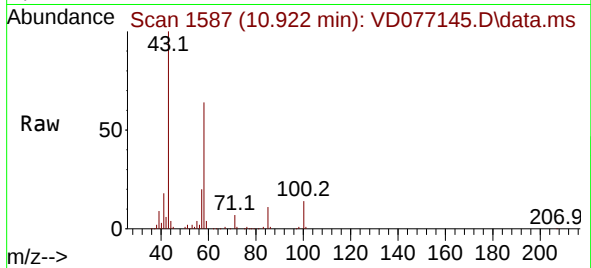
106 30.5 25.3 37.9





#59
2-Hexanone
Concen: 98.599 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

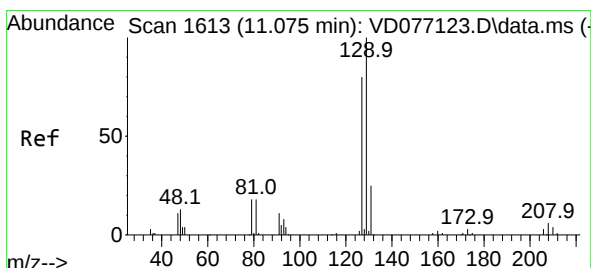
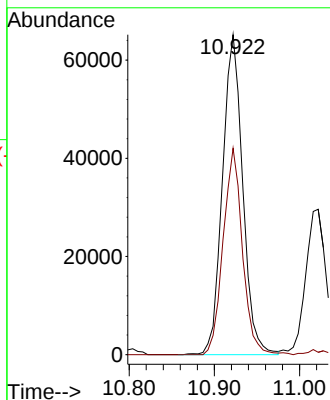
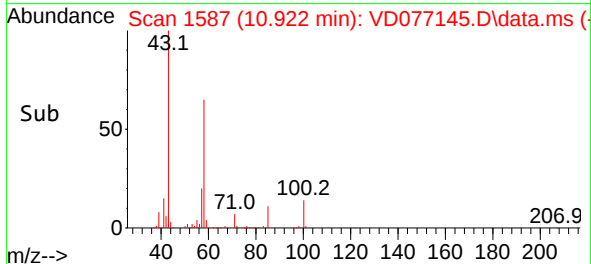
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



Tgt Ion: 43 Resp: 10782
Ion Ratio Lower Upper
43 100
58 61.5 34.1 102.2

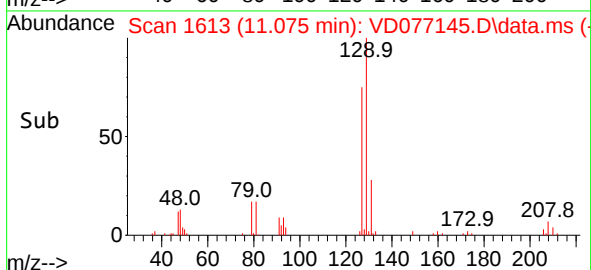
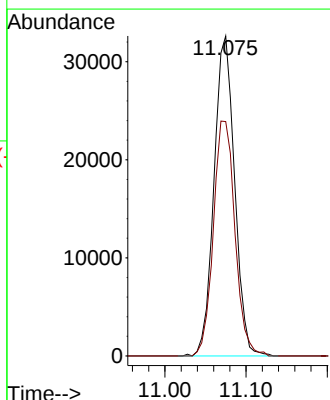
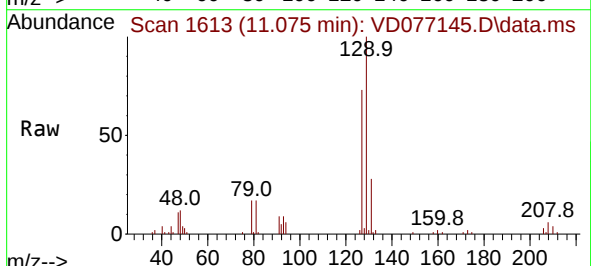
Manual Integrations
APPROVED

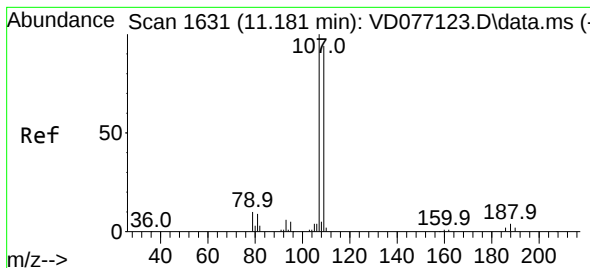
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#60
Dibromochloromethane
Concen: 19.153 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

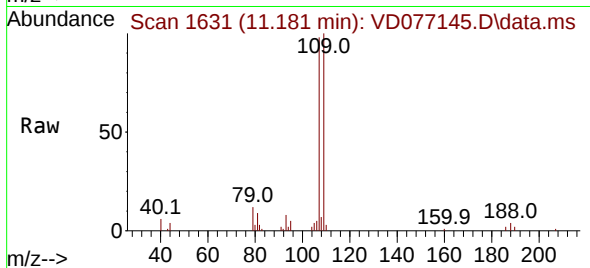
Tgt Ion:129 Resp: 57480
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.154 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

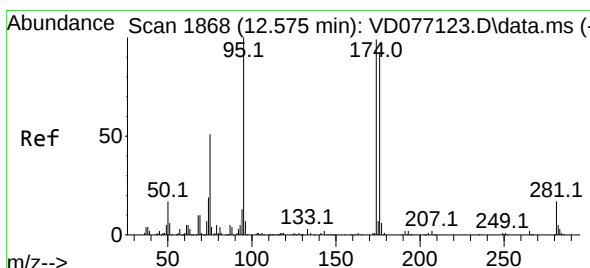
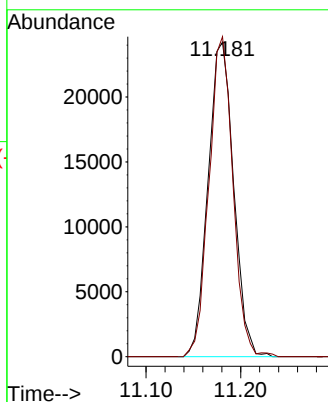
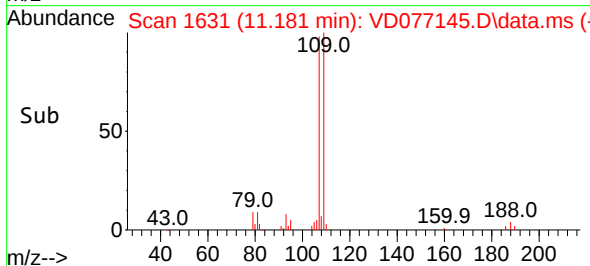
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



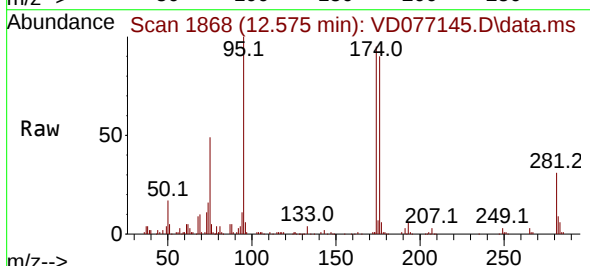
Tgt Ion:107 Resp: 45370
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4

Manual Integrations
APPROVED

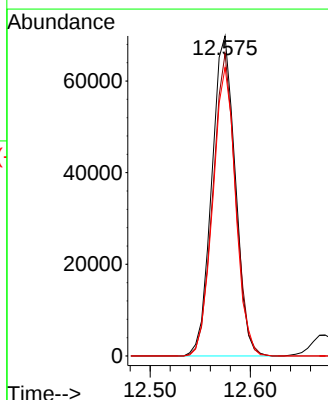
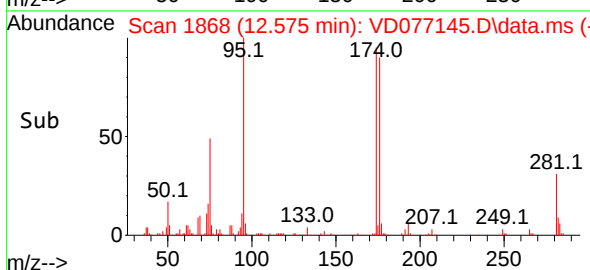
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

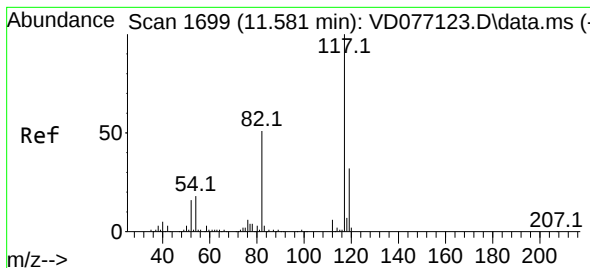


#62
4-Bromofluorobenzene
Concen: 37.515 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



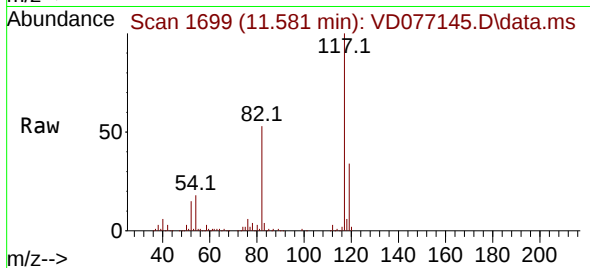
Tgt Ion: 95 Resp: 113372
Ion Ratio Lower Upper
95 100
174 91.3 0.0 201.8
176 87.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

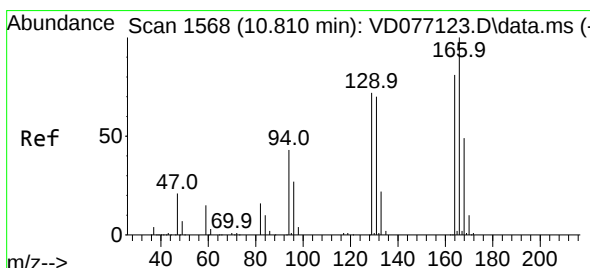
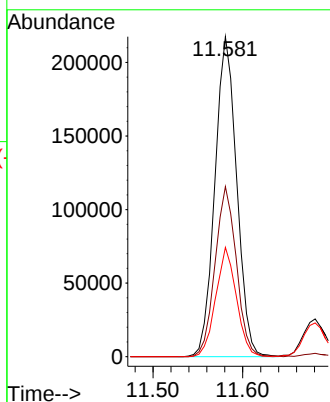
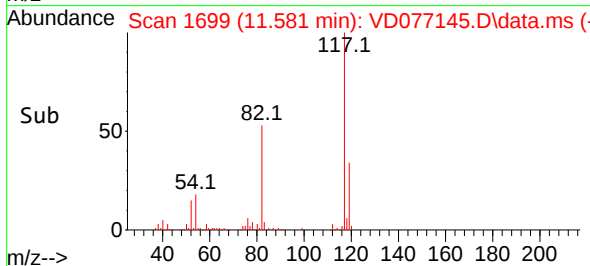
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



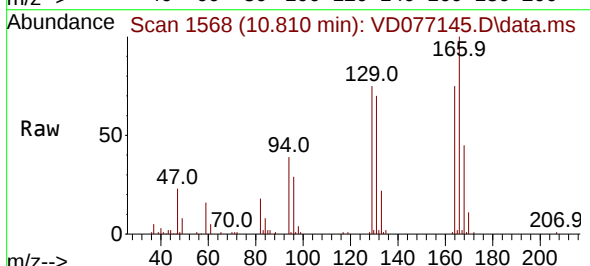
Tgt Ion:117 Resp: 367192
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 34.2 25.0 37.4

Manual Integrations
APPROVED

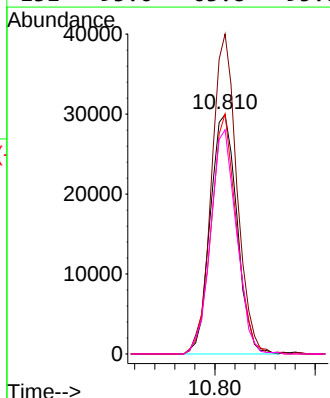
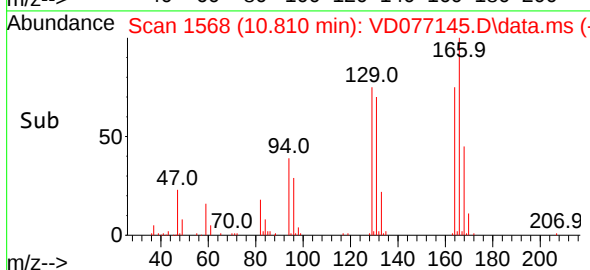
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

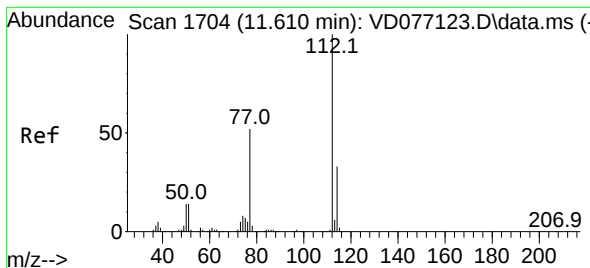


#64
Tetrachloroethene
Concen: 19.367 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



Tgt Ion:164 Resp: 55329
Ion Ratio Lower Upper
164 100
166 133.6 99.2 148.8
129 100.2 68.4 102.6
131 93.6 63.8 95.8





#65

Chlorobenzene

Concen: 19.264 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

Tgt Ion:112 Resp: 16640

Ion Ratio Lower Upper

112 100

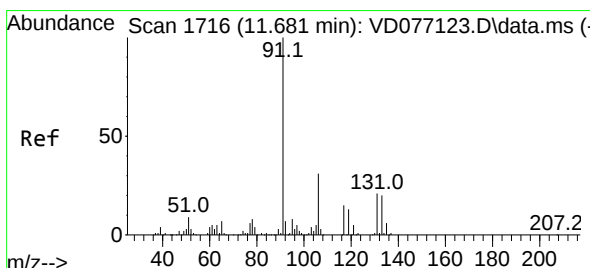
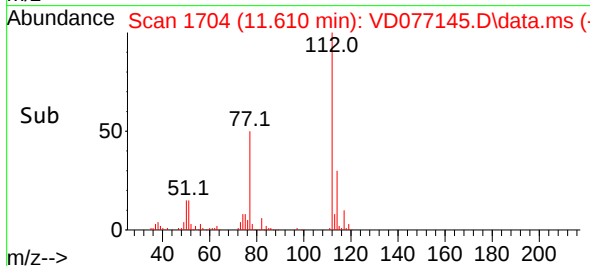
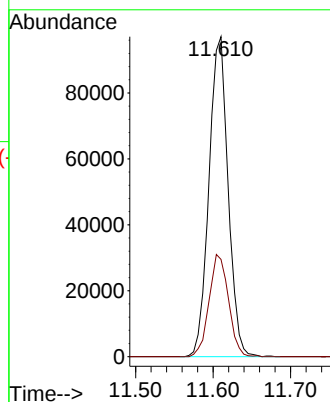
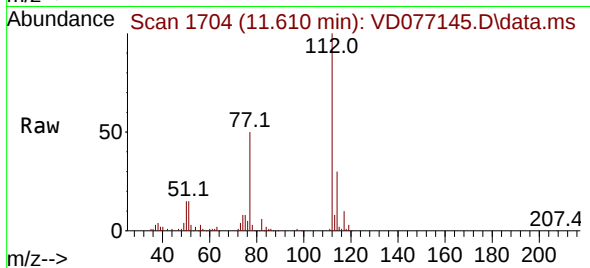
114 30.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 19.203 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

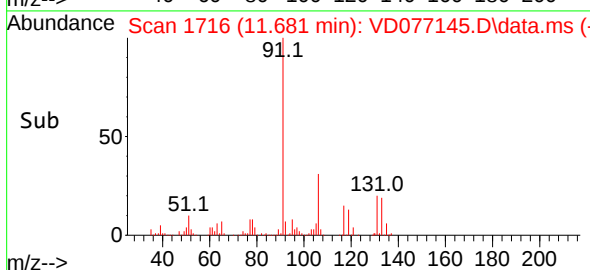
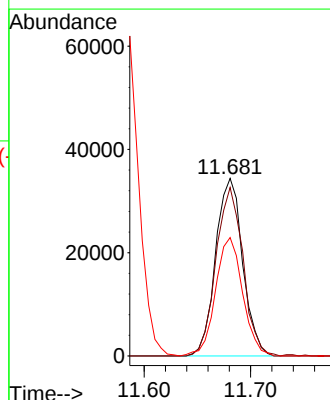
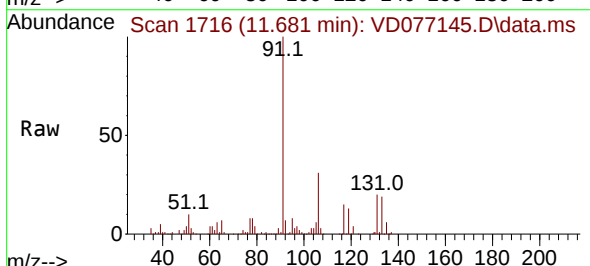
Tgt Ion:131 Resp: 60686

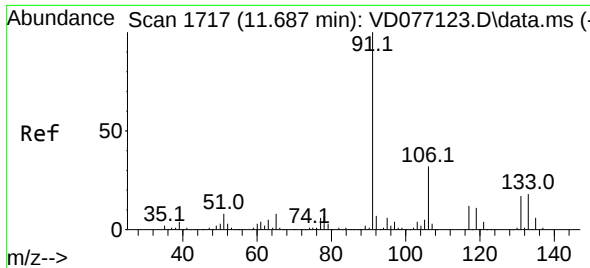
Ion Ratio Lower Upper

131 100

133 94.9 48.5 145.5

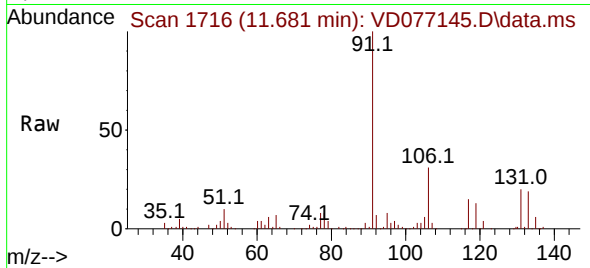
119 66.7 35.6 106.9





#67
Ethyl Benzene
Concen: 18.993 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

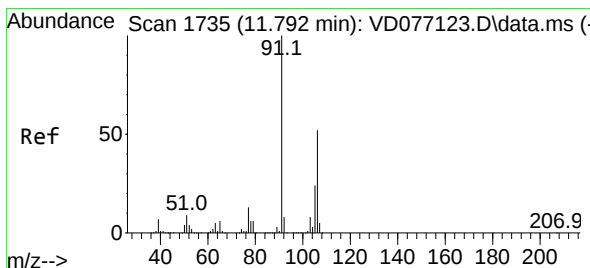
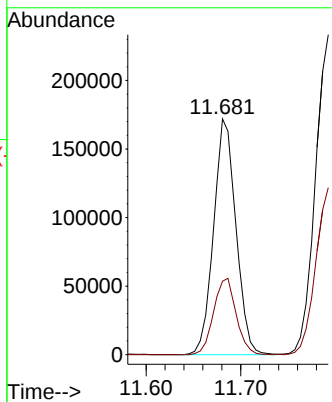
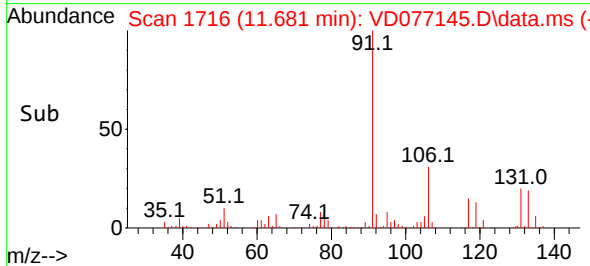
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



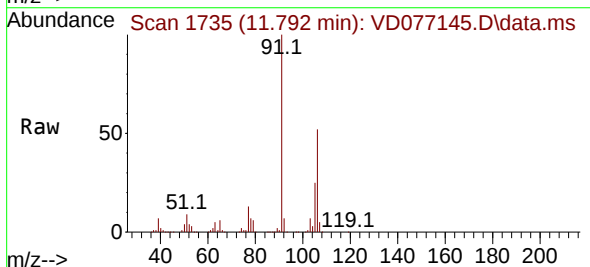
Tgt Ion: 91 Resp: 28199
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7

Manual Integrations
APPROVED

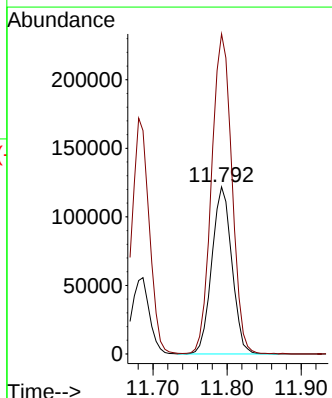
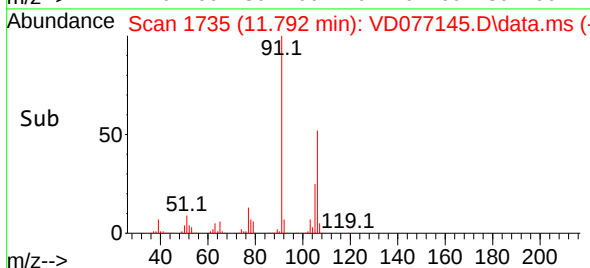
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

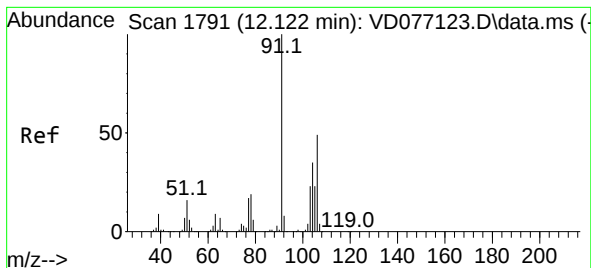


#68
m/p-Xylenes
Concen: 38.381 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



Tgt Ion:106 Resp: 228165
Ion Ratio Lower Upper
106 100
91 194.3 147.0 220.6





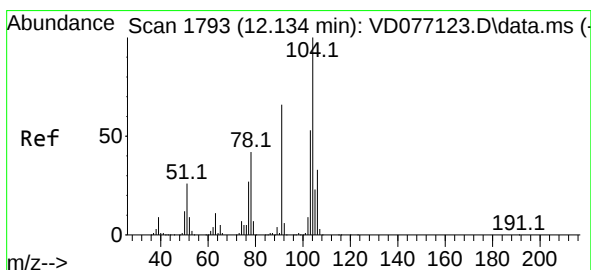
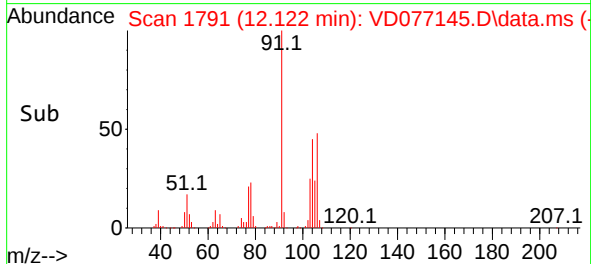
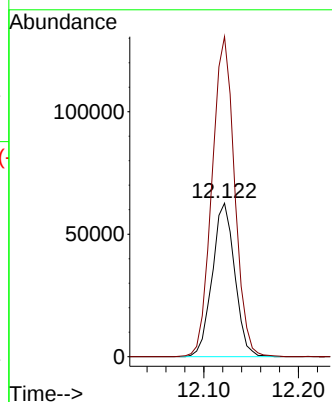
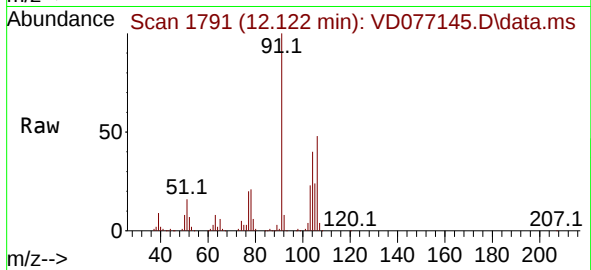
#69
o-Xylene
Concen: 18.895 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01

Tgt Ion:106 Resp: 103099
Ion Ratio Lower Upper
106 100
91 210.3 97.9 293.6

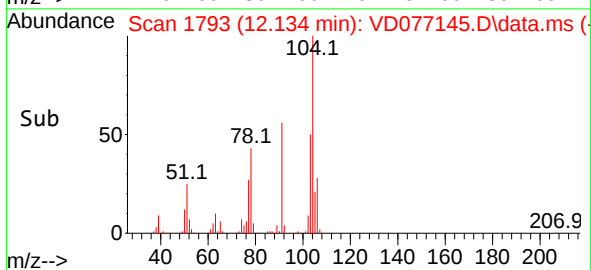
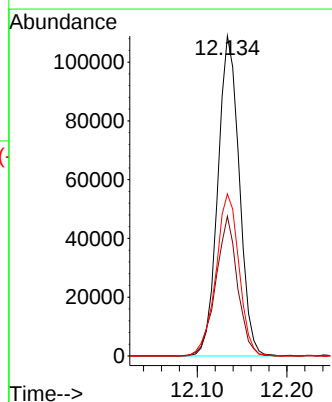
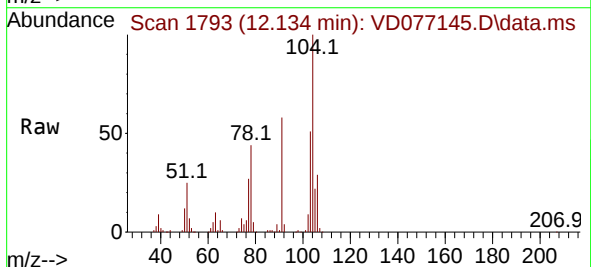
Manual Integrations
APPROVED

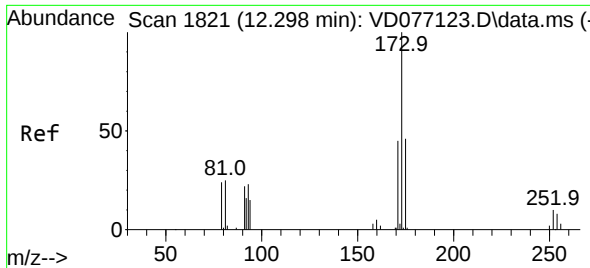
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#70
Styrene
Concen: 19.428 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

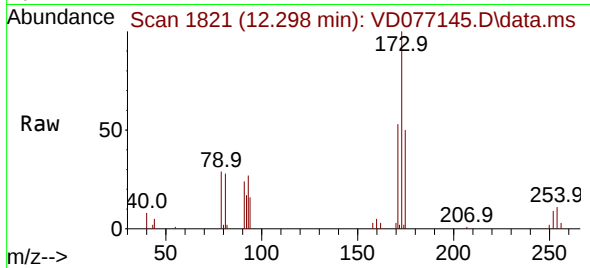
Tgt Ion:104 Resp: 180605
Ion Ratio Lower Upper
104 100
78 44.4 33.2 49.8
103 54.5 43.6 65.4





#71
Bromoform
Concen: 19.812 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

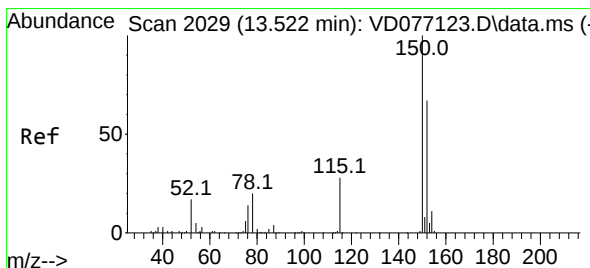
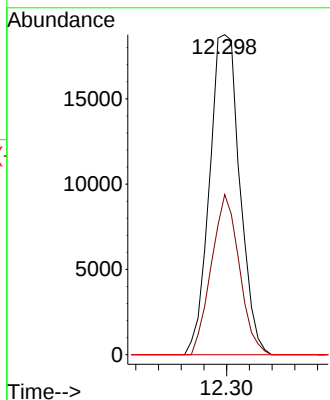
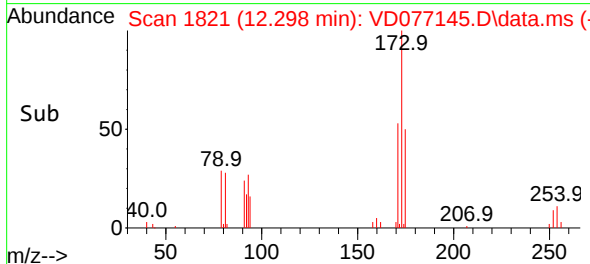
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



Tgt Ion:173 Resp: 34700
Ion Ratio Lower Upper
173 100
175 46.2 24.6 73.8
254 0.0 0.0 0.0

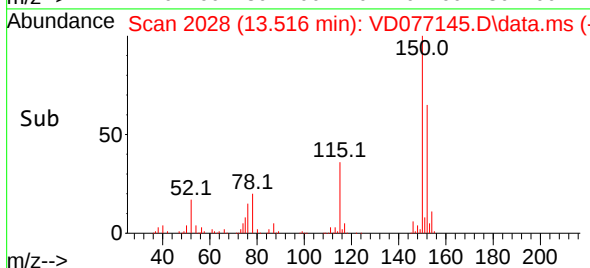
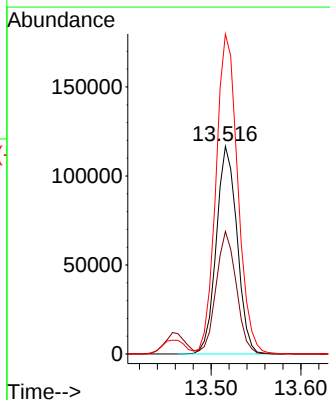
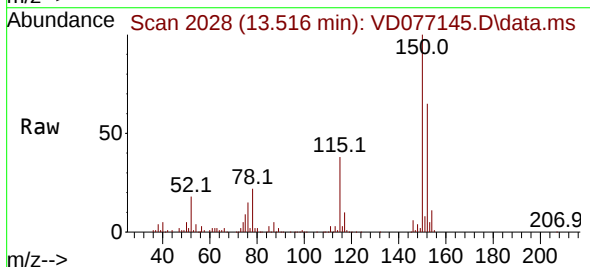
Manual Integrations
APPROVED

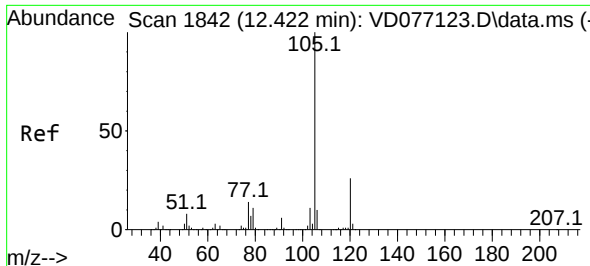
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

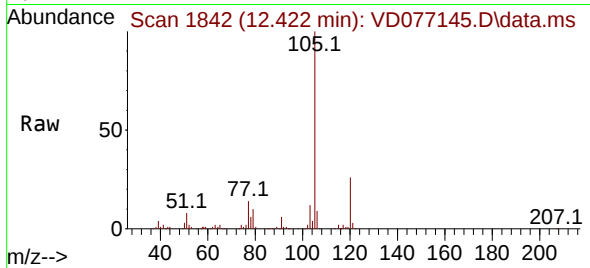
Tgt Ion:152 Resp: 187347
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 162.2 0.0 353.6





#73
Isopropylbenzene
Concen: 19.401 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

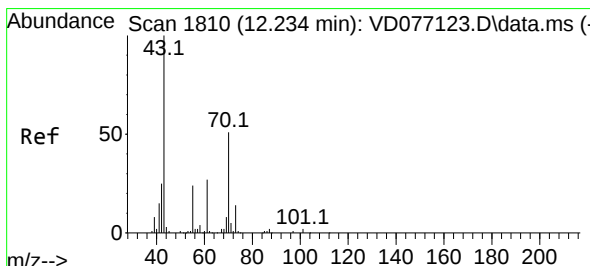
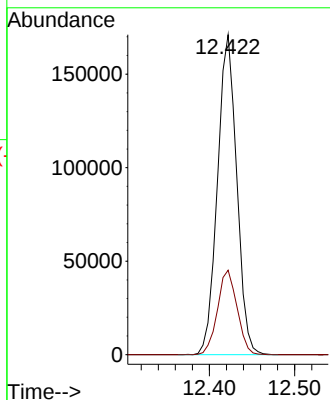
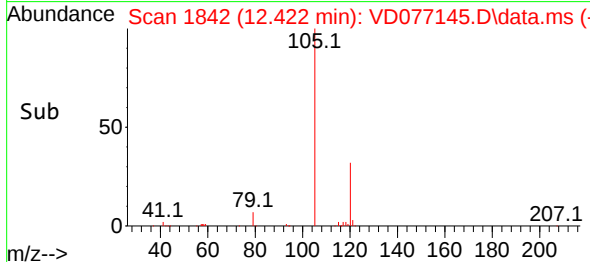
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



Tgt Ion:105 Resp: 26857
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9

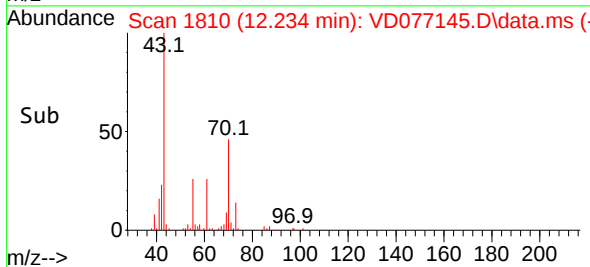
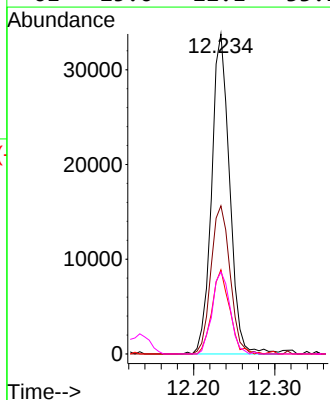
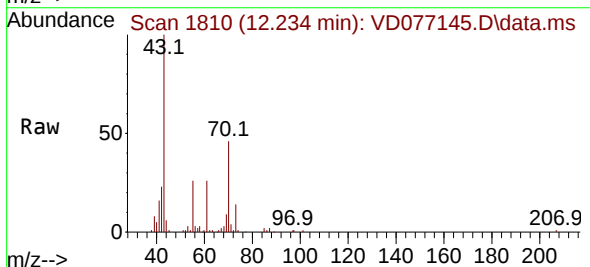
Manual Integrations
APPROVED

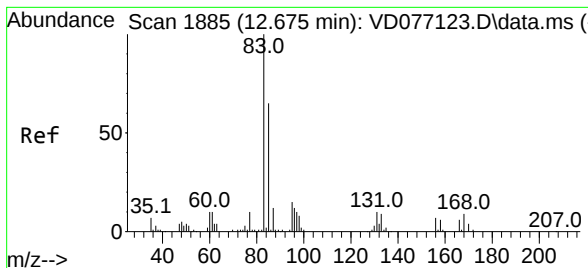
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#74
N-ethyl acetate
Concen: 20.060 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

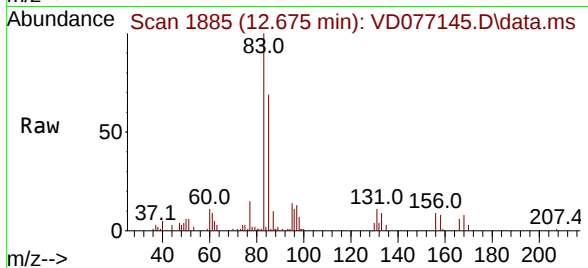
Tgt Ion: 43 Resp: 52163
Ion Ratio Lower Upper
43 100
70 49.0 45.0 67.4
55 25.7 23.8 35.6
61 25.6 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 20.680 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

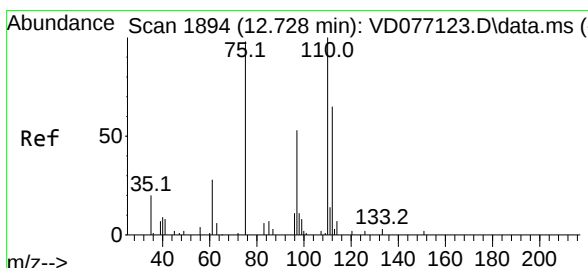
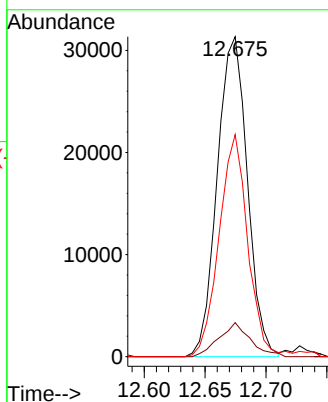
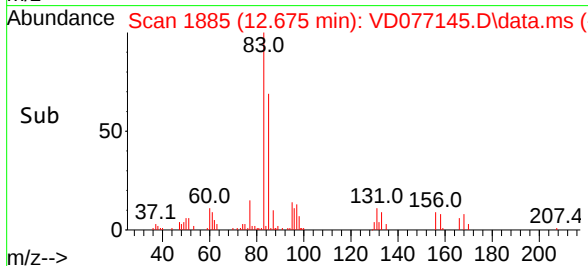
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



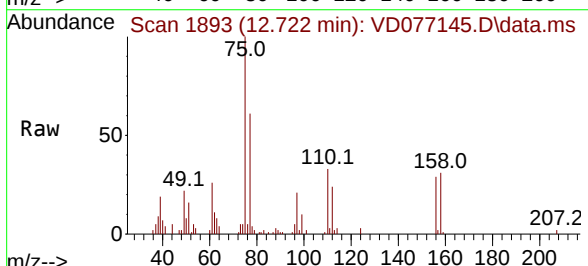
Tgt Ion: 83 Resp: 54024
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 66.1 32.6 97.8

Manual Integrations
APPROVED

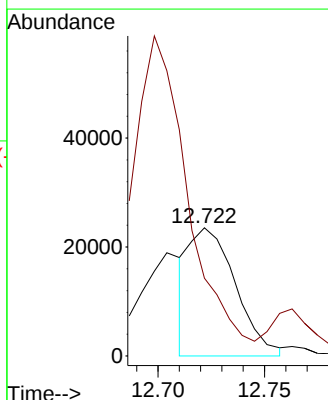
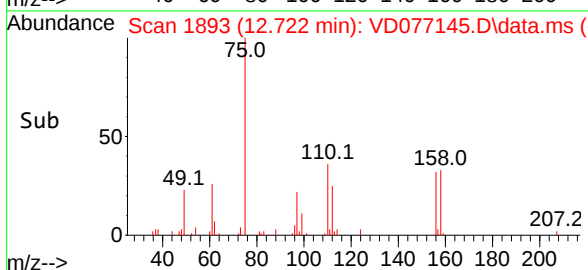
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

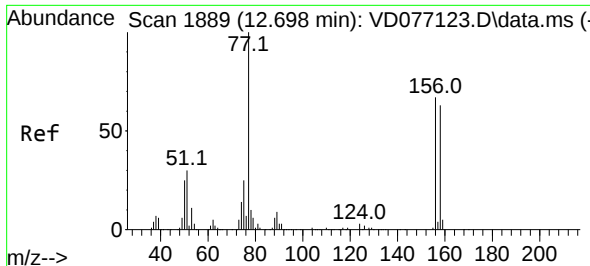


#76
1,2,3-Trichloropropane
Concen: 23.819 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



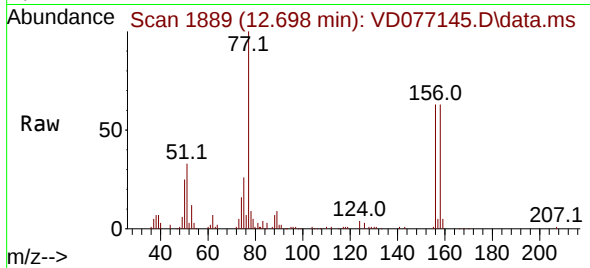
Tgt Ion: 75 Resp: 35596
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.846 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

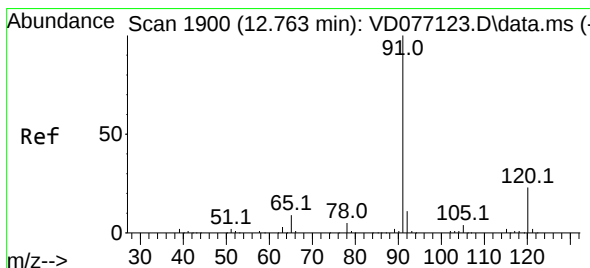
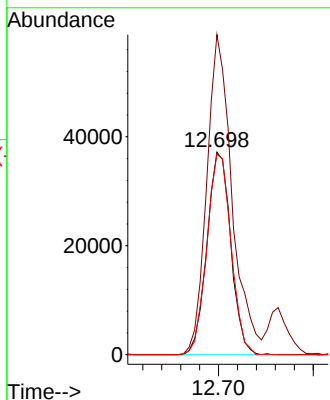
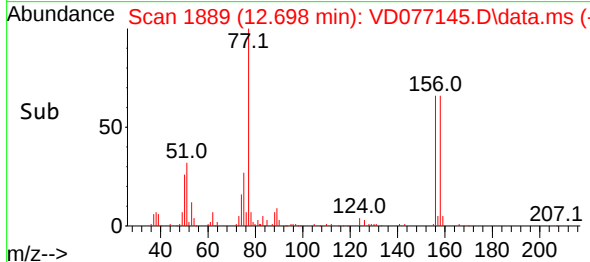
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



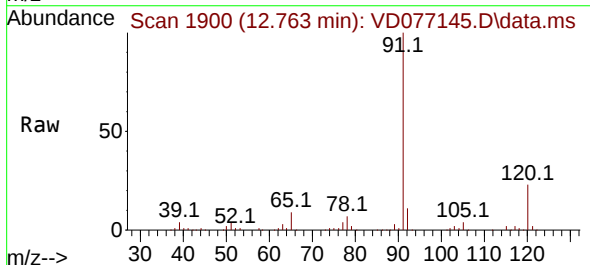
Tgt Ion:156 Resp: 64958
Ion Ratio Lower Upper
156 100
77 167.9 76.8 230.4
158 100.1 48.6 145.9

Manual Integrations
APPROVED

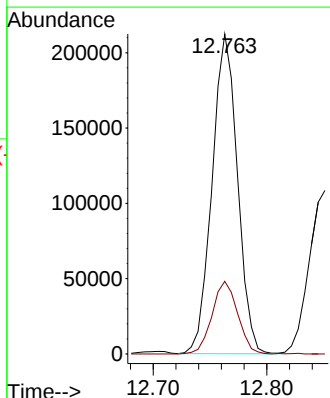
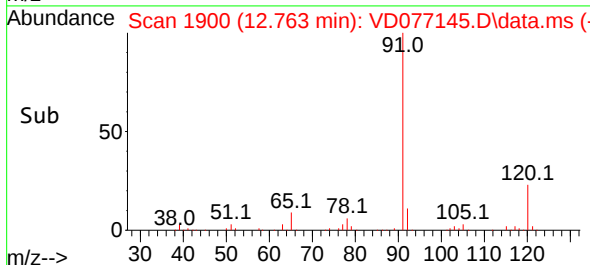
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

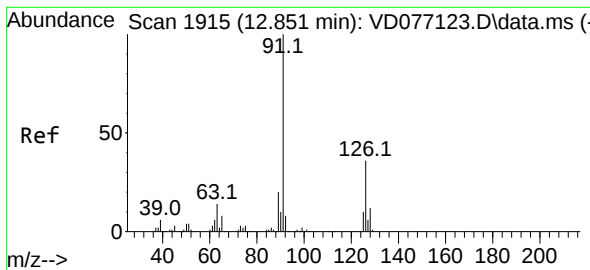


#78
n-propylbenzene
Concen: 19.466 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



Tgt Ion: 91 Resp: 329375
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2





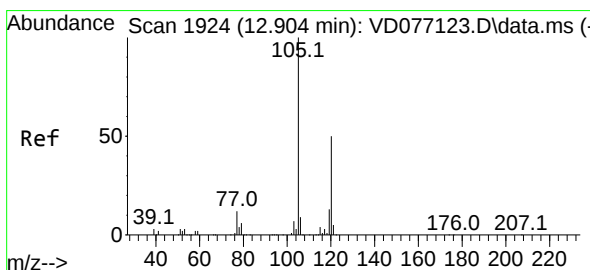
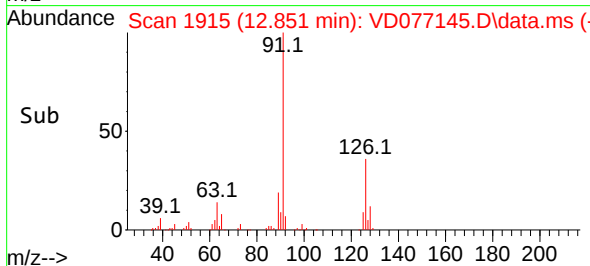
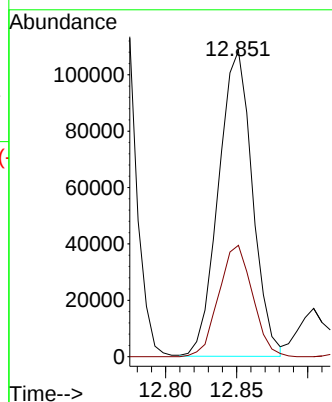
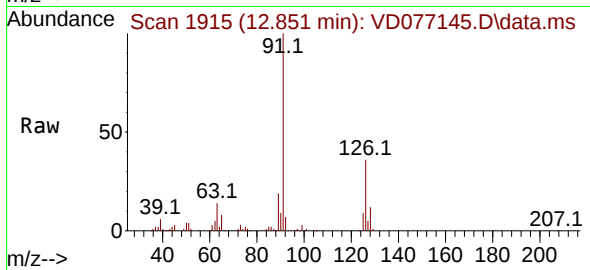
#79
2-Chlorotoluene
Concen: 19.331 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01

Tgt Ion: 91 Resp: 180375
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1

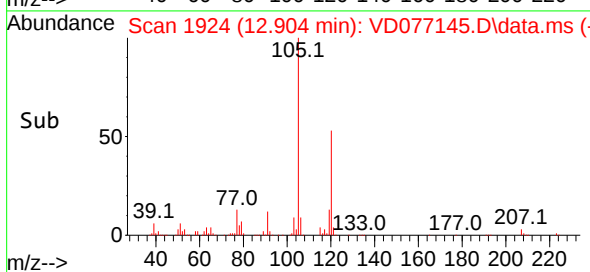
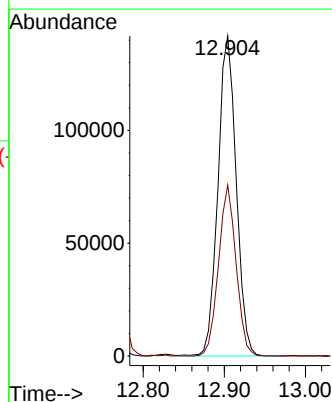
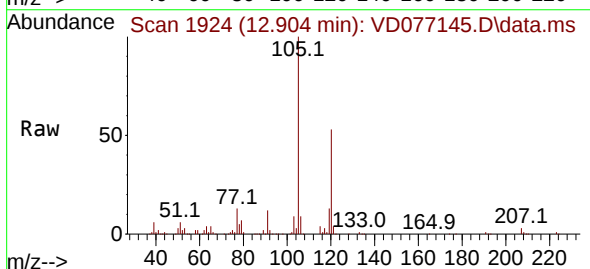
Manual Integrations
APPROVED

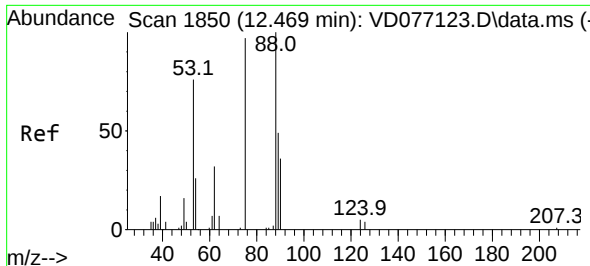
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.203 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

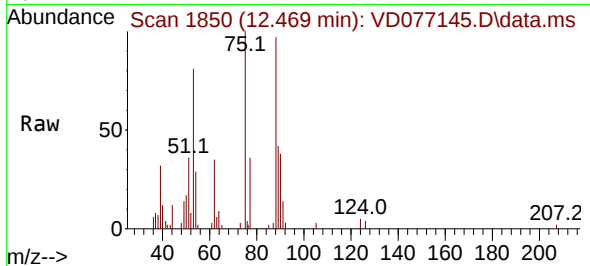
Tgt Ion:105 Resp: 222006
Ion Ratio Lower Upper
105 100
120 51.2 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 21.856 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

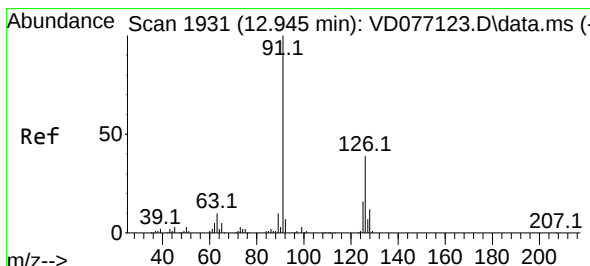
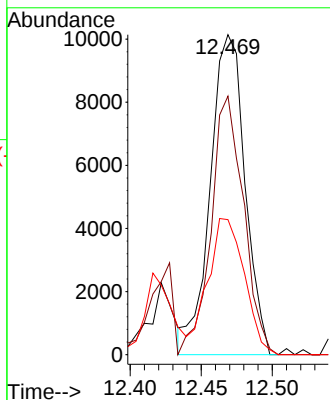
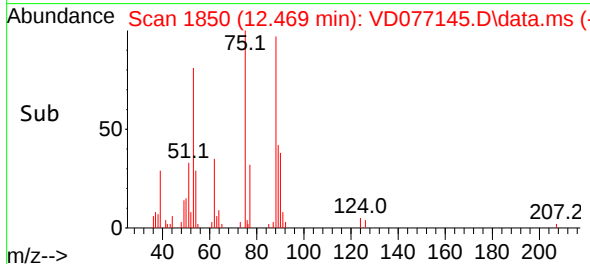
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



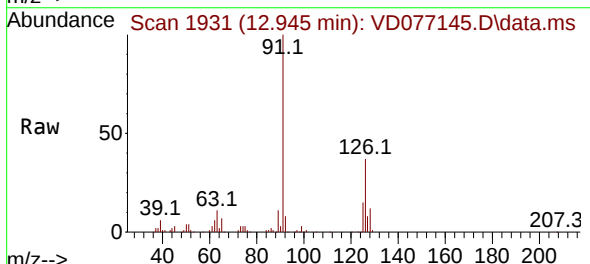
Tgt Ion: 75 Resp: 17250
Ion Ratio Lower Upper
75 100
53 74.4 63.0 94.4
89 44.9 37.9 56.9

Manual Integrations
APPROVED

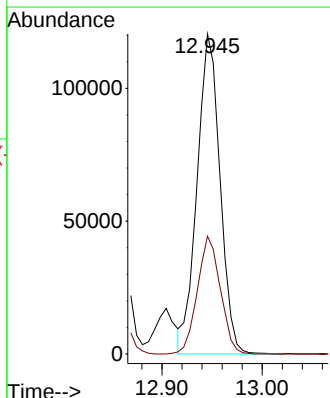
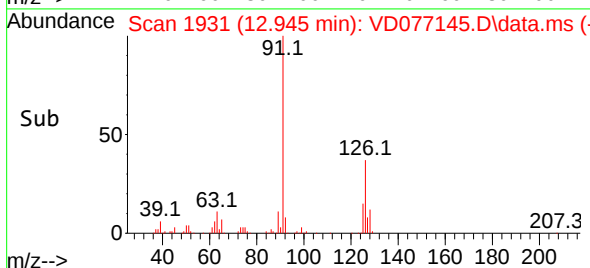
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

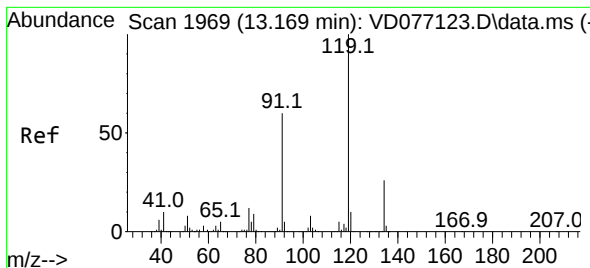


#82
4-Chlorotoluene
Concen: 19.557 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



Tgt Ion: 91 Resp: 191796
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.159 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

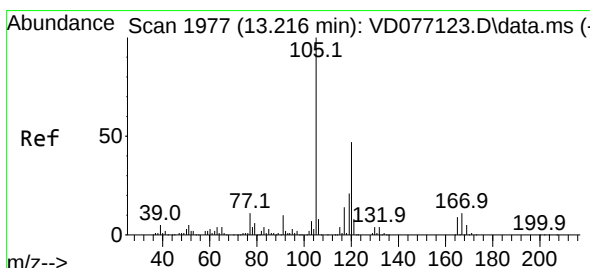
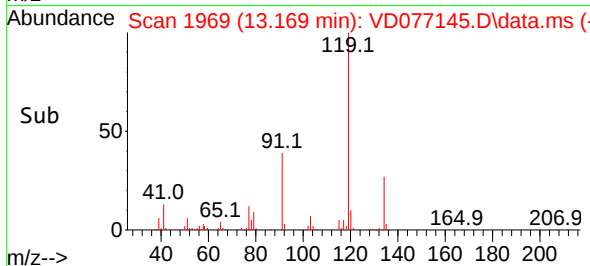
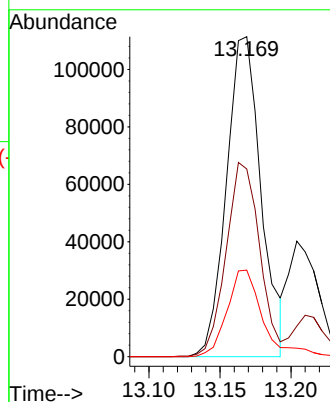
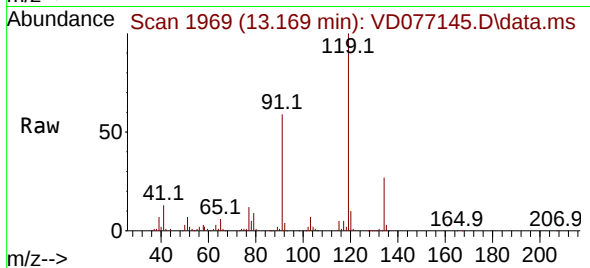
VD0919SBS01

Tgt Ion:	119	Resp:	18924
Ion Ratio	Lower	Upper	
119	100		
91	58.8	29.3	87.8
134	27.9	14.1	42.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.272 ug/l

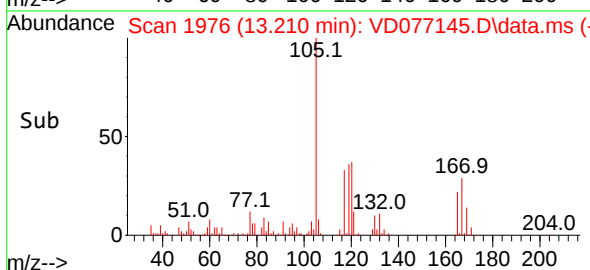
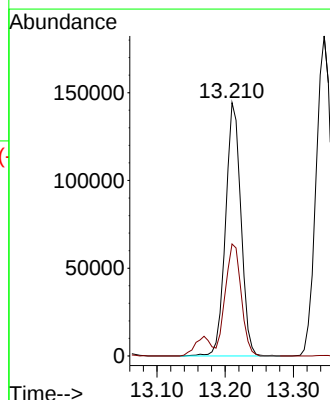
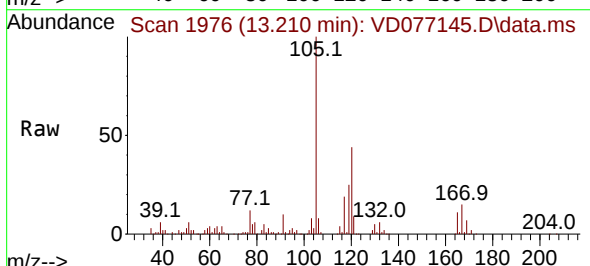
RT: 13.210 min Scan# 1976

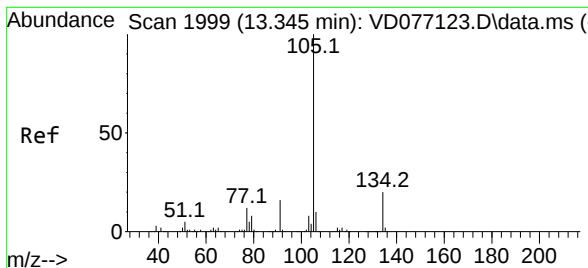
Delta R.T. -0.006 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion:	105	Resp:	225924
Ion Ratio	Lower	Upper	
105	100		
120	45.6	24.3	72.9





#85

sec-Butylbenzene

Concen: 19.369 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBS01

Tgt Ion:105 Resp: 287088

Ion Ratio Lower Upper

105 100

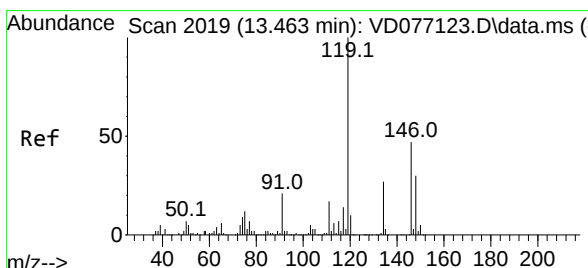
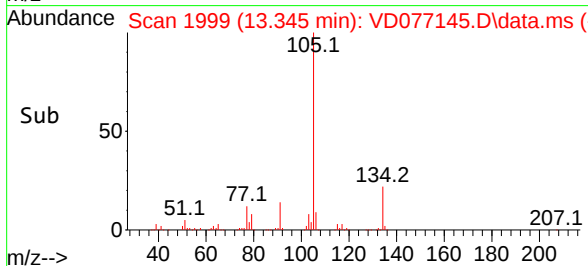
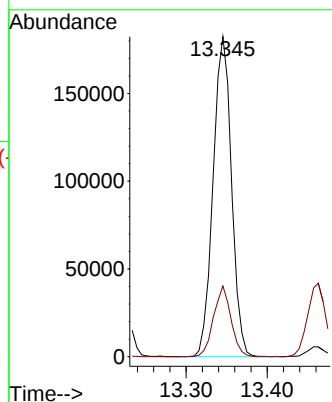
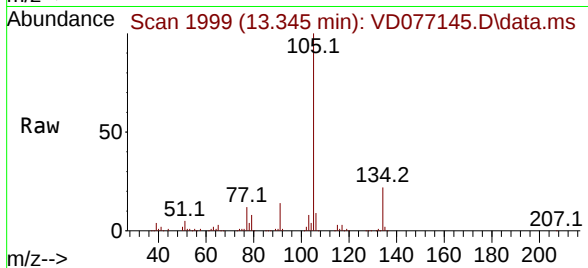
134 20.9 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#86

p-Isopropyltoluene

Concen: 19.122 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

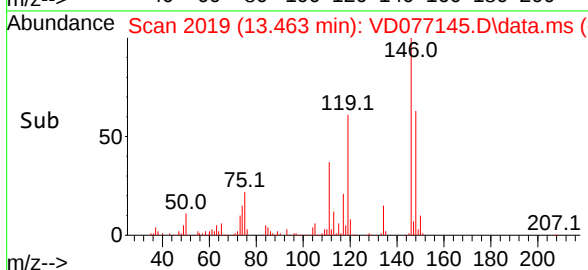
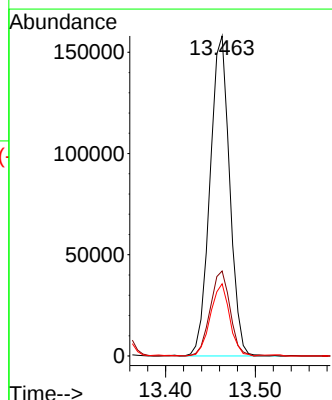
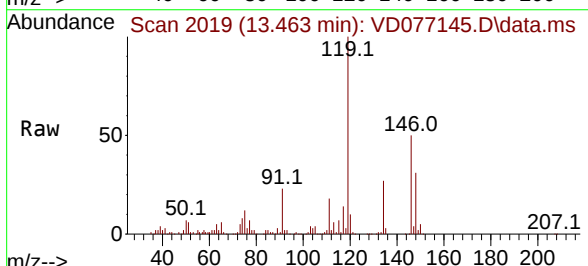
Tgt Ion:119 Resp: 240428

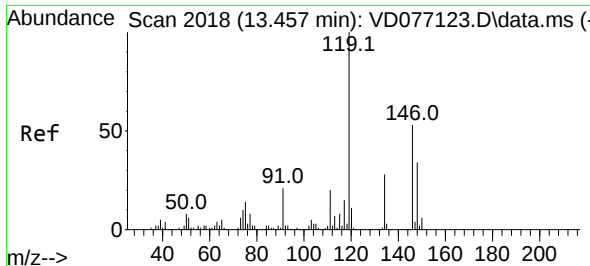
Ion Ratio Lower Upper

119 100

134 26.9 14.2 42.6

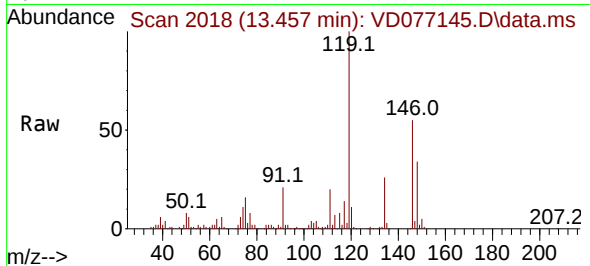
91 22.1 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 19.065 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39

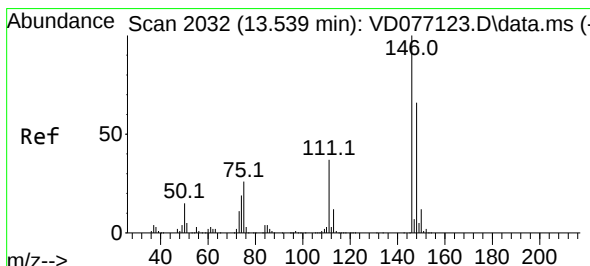
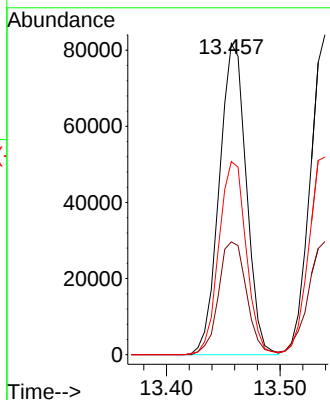
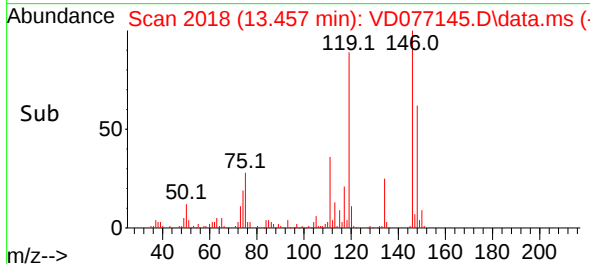
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBS01



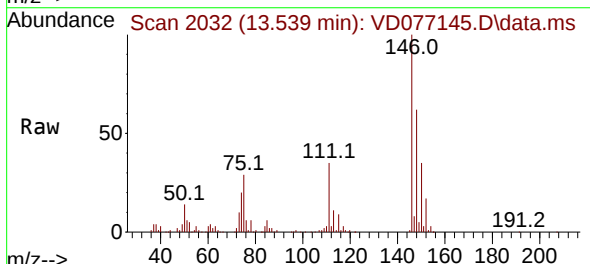
Tgt Ion:146 Resp: 13515
Ion Ratio Lower Upper
146 100
111 37.8 17.9 53.8
148 62.8 32.3 96.8

Manual Integrations
APPROVED

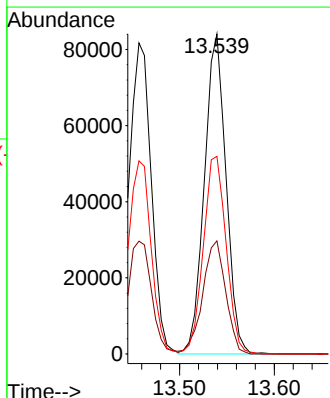
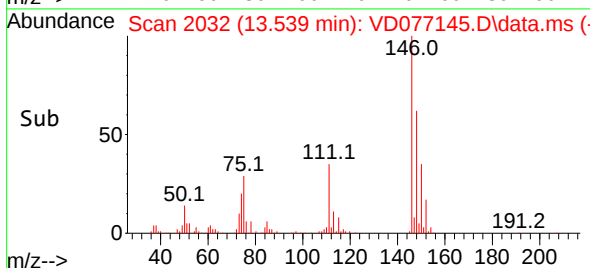
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

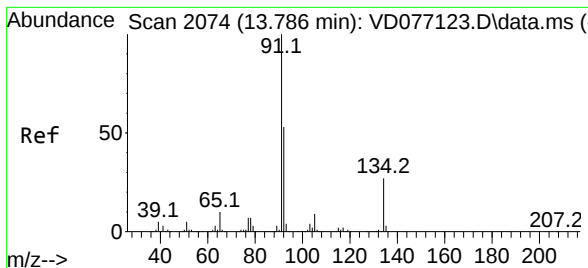


#88
1,4-Dichlorobenzene
Concen: 19.106 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077145.D
Acq: 19 Sep 2023 14:39



Tgt Ion:146 Resp: 133260
Ion Ratio Lower Upper
146 100
111 37.6 17.4 52.3
148 65.1 31.7 95.1





#89

n-Butylbenzene

Concen: 19.354 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

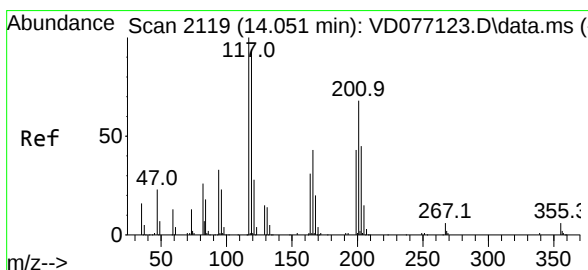
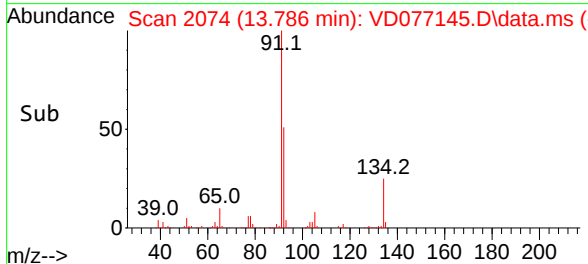
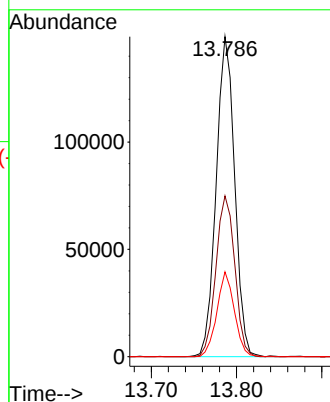
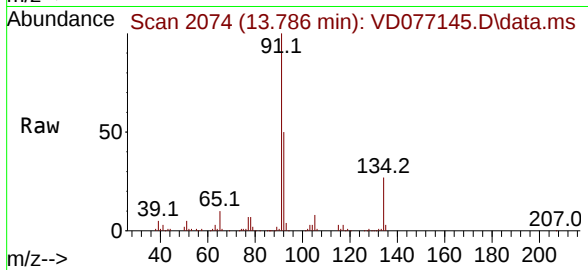
VD0919SBS01

Tgt Ion:	91	Resp:	22449
Ion Ratio	Lower	Upper	
91	100		
92	51.2	26.5	79.5
134	25.1	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#90

Hexachloroethane

Concen: 19.183 ug/l

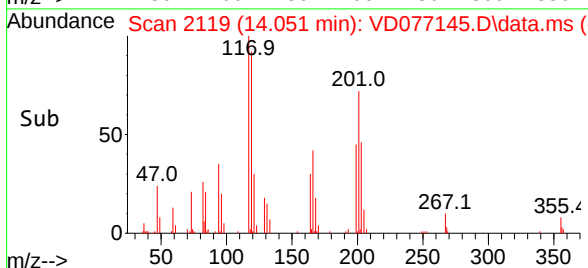
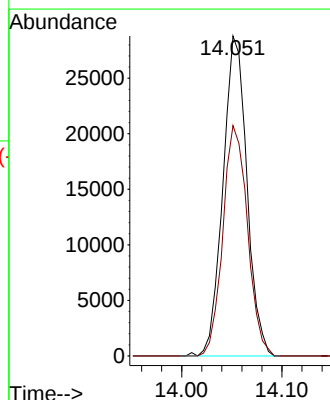
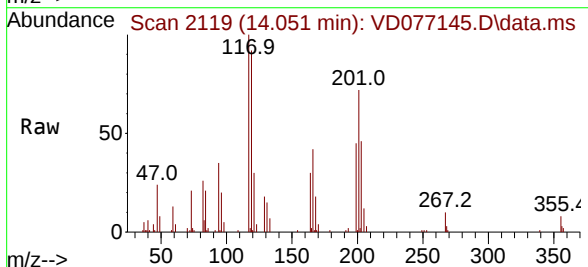
RT: 14.051 min Scan# 2119

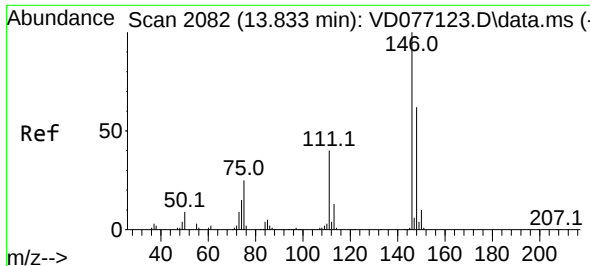
Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion:	117	Resp:	47836
Ion Ratio	Lower	Upper	
117	100		
201	73.7	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 18.804 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

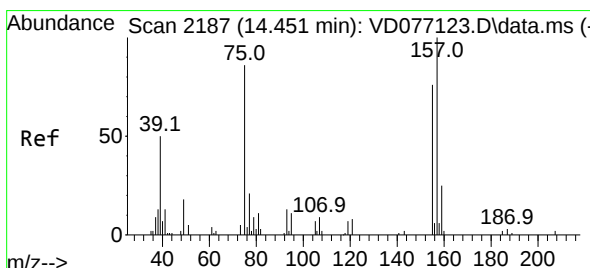
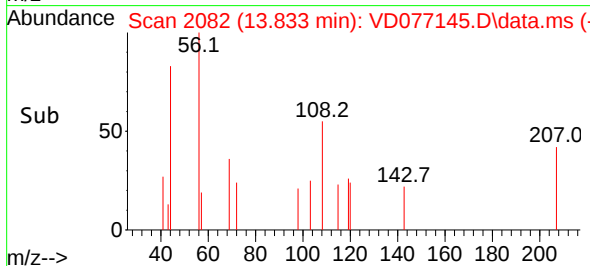
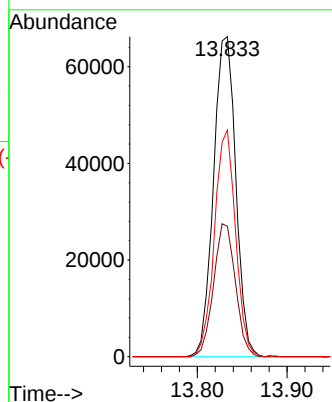
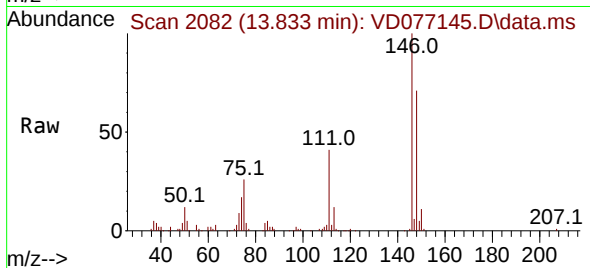
VD0919SBS01

Tgt Ion:	146	Resp:	11428
Ion Ratio	Lower	Upper	
146	100		
111	40.7	18.3	54.8
148	67.2	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.337 ug/l

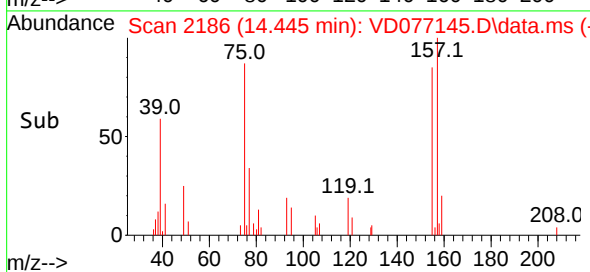
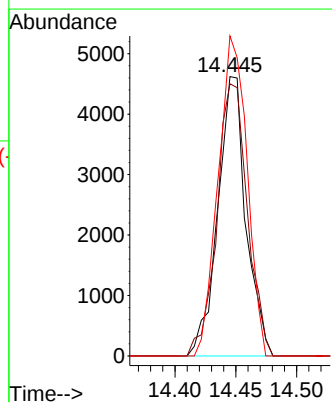
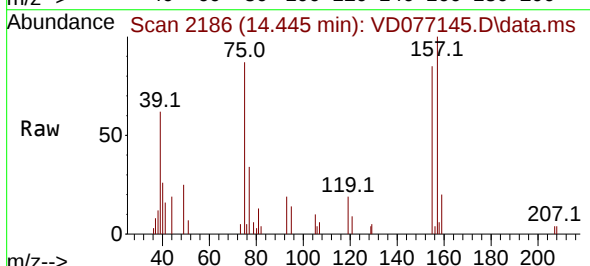
RT: 14.445 min Scan# 2186

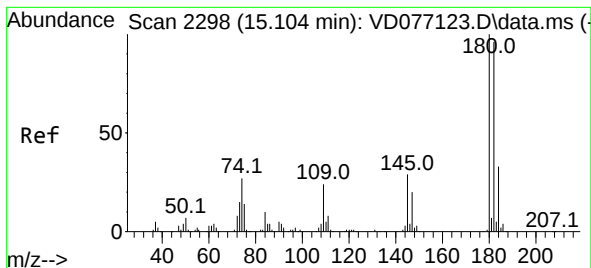
Delta R.T. -0.006 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion:	75	Resp:	7443
Ion Ratio	Lower	Upper	
75	100		
155	105.3	47.9	143.8
157	117.3	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.528 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

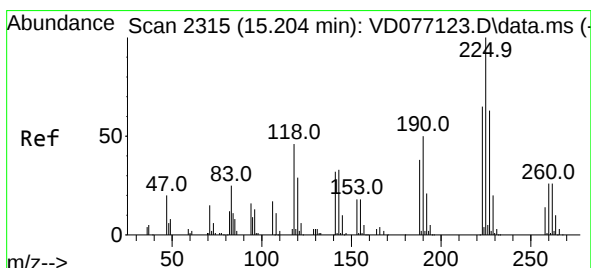
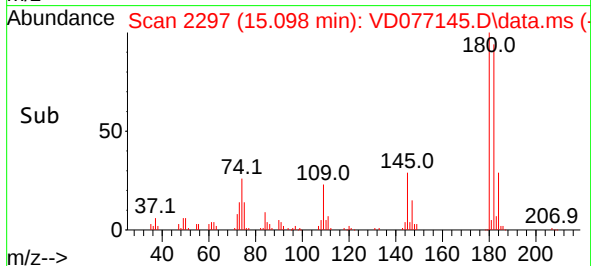
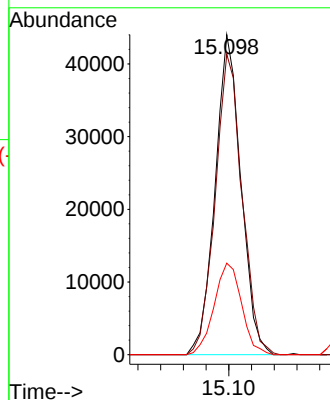
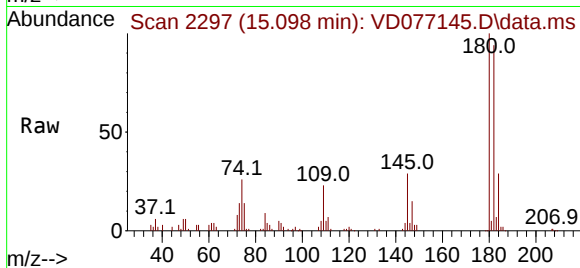
VD0919SBS01

Tgt Ion:180	Resp:	69474
Ion Ratio	Lower	Upper
180	100	
182	97.1	48.5 145.6
145	30.4	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#94

Hexachlorobutadiene

Concen: 19.650 ug/l

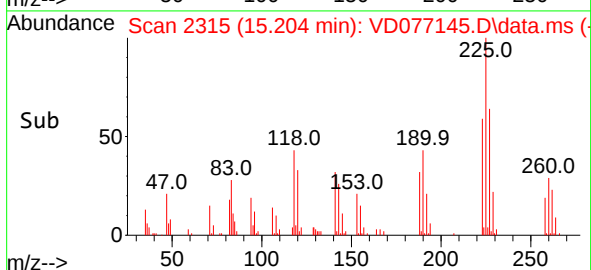
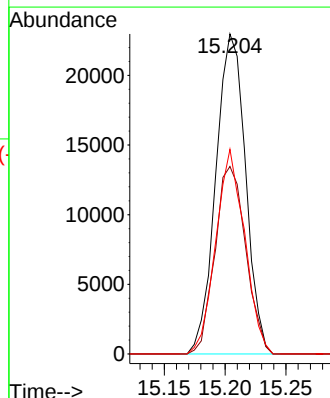
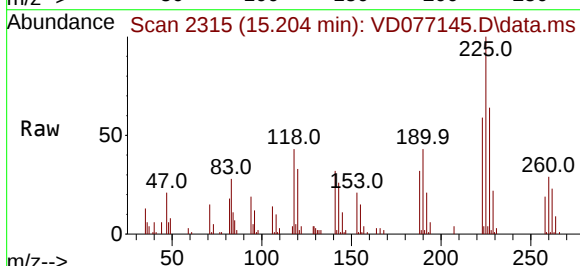
RT: 15.204 min Scan# 2315

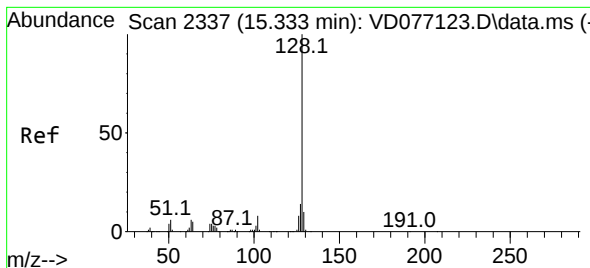
Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion:225	Resp:	39045
Ion Ratio	Lower	Upper
225	100	
223	60.7	31.6 94.8
227	62.1	31.7 95.1





#95

Naphthalene

Concen: 18.792 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Instrument :

MSVOA_D

ClientSampleId :

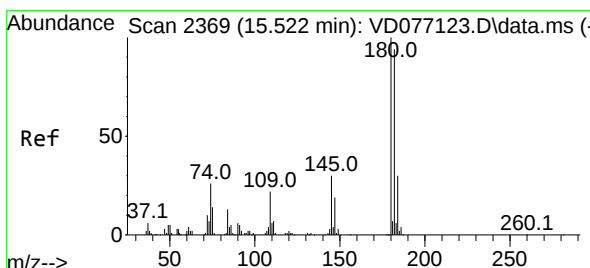
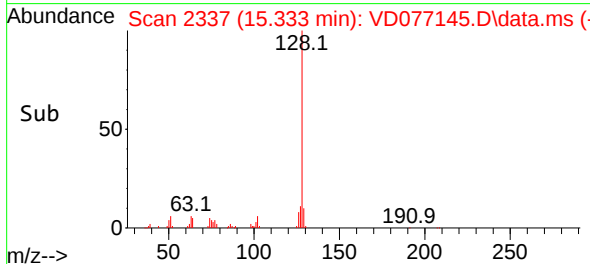
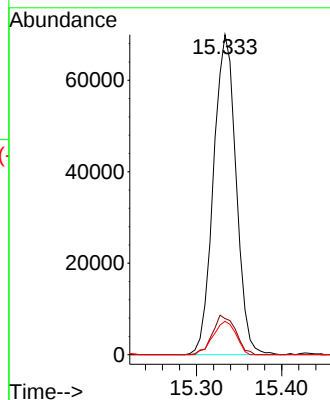
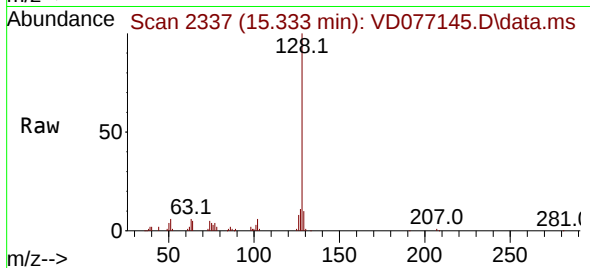
VD0919SBS01

Tgt Ion:	128	Resp:	12921
Ion Ratio	Lower	Upper	
128	100		
127	11.3	10.5	15.7
129	10.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.889 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077145.D

Acq: 19 Sep 2023 14:39

Tgt Ion:	180	Resp:	62958
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.3	141.9
145	31.2	15.1	45.3

