

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077290.D
 Acq On : 06 Oct 2023 16:43
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 09 09:38:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 09:30:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	191623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	329469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45936	18.982	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.960%#		
35) Dibromofluoromethane	7.804	113	51783	18.215	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.420%#		
50) Toluene-d8	10.269	98	181369	17.708	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	35.420%#		
62) 4-Bromofluorobenzene	12.575	95	63506	19.498	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	54038	21.030	ug/l	97
3) Chloromethane	2.146	50	85283	20.923	ug/l	99
4) Vinyl Chloride	2.281	62	103039	20.905	ug/l	97
5) Bromomethane	2.675	94	62065	17.560	ug/l	97
6) Chloroethane	2.828	64	64368	20.294	ug/l	96
7) Trichlorofluoromethane	3.164	101	104249	20.259	ug/l	97
8) Diethyl Ether	3.593	74	29121	18.868	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.952	101	63440	20.070	ug/l	97
10) Methyl Iodide	4.158	142	74191	18.702	ug/l #	88
11) Tert butyl alcohol	5.052	59	18018	102.259	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	60948	19.762	ug/l	91
13) Acrolein	3.793	56	10519	77.830	ug/l	99
14) Allyl chloride	4.563	41	78309	19.104	ug/l	93
15) Acrylonitrile	5.252	53	68729	95.933	ug/l	99
16) Acetone	4.016	43	62784	95.356	ug/l #	82
17) Carbon Disulfide	4.263	76	205989	20.041	ug/l	98
18) Methyl Acetate	4.558	43	48970	18.793	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	127339	19.133	ug/l	98
20) Methylene Chloride	4.793	84	95964	18.698	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	72061	19.574	ug/l	90
22) Diisopropyl ether	6.216	45	174561	19.622	ug/l	95
23) Vinyl Acetate	6.152	43	351753m	95.777	ug/l	
24) 1,1-Dichloroethane	6.110	63	119895	19.413	ug/l	99
25) 2-Butanone	7.081	43	84667	94.998	ug/l	90
26) 2,2-Dichloropropane	7.075	77	100164	19.209	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	80028	19.741	ug/l	95
28) Bromochloromethane	7.422	49	46557	19.307	ug/l #	78
29) Tetrahydrofuran	7.446	42	48920	95.711	ug/l	85
30) Chloroform	7.593	83	125876	19.663	ug/l	92
31) Cyclohexane	7.875	56	100787	20.112	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	102748	19.083	ug/l	99
36) 1,1-Dichloropropene	8.004	75	95898	20.014	ug/l	96
37) Ethyl Acetate	7.169	43	36507	18.979	ug/l	95
38) Carbon Tetrachloride	7.993	117	86415	19.358	ug/l	95
39) Methylcyclohexane	9.275	83	110169	19.797	ug/l	90
40) Benzene	8.252	78	280435	19.303	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19296	17.903	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	65684	19.010	ug/l	97
43) Isopropyl Acetate	8.357	43	66171	18.731	ug/l #	92
44) Trichloroethene	9.028	130	74117	20.096	ug/l	96
45) 1,2-Dichloropropane	9.304	63	69726	19.192	ug/l	100
46) Dibromomethane	9.393	93	36127	18.408	ug/l	91
47) Bromodichloromethane	9.587	83	89596	18.933	ug/l	100
48) Methyl methacrylate	9.381	41	29505	18.258	ug/l	86
49) 1,4-Dioxane	9.393	88	7456	361.514	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	175647	95.486	ug/l	89
52) Toluene	10.334	92	175782	19.485	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	84568	18.883	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	104465	19.036	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	49266	18.322	ug/l	95
56) Ethyl methacrylate	10.598	69	55552	18.393	ug/l	89
57) 1,3-Dichloropropane	10.881	76	86380	19.329	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	135287	93.389	ug/l	94
59) 2-Hexanone	10.922	43	125702	95.479	ug/l	87
60) Dibromochloromethane	11.075	129	60394	19.339	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47472	18.989	ug/l	98
64) Tetrachloroethene	10.810	164	57034	19.147	ug/l #	84
65) Chlorobenzene	11.610	112	185324	19.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	62871	18.976	ug/l	98
67) Ethyl Benzene	11.681	91	326265	19.377	ug/l	95
68) m/p-Xylenes	11.793	106	257101	39.343	ug/l	90
69) o-Xylene	12.122	106	116407	19.348	ug/l	89
70) Styrene	12.134	104	206028	19.905	ug/l	99
71) Bromoform	12.298	173	32996	18.832	ug/l #	98
73) Isopropylbenzene	12.422	105	301466	18.866	ug/l	96
74) N-amyl acetate	12.234	43	60196	18.333	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	59236	18.611	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	38009m	17.463	ug/l	
77) Bromobenzene	12.698	156	67880	18.653	ug/l	85
78) n-propylbenzene	12.763	91	390612	19.576	ug/l	95
79) 2-Chlorotoluene	12.851	91	206871	19.246	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	257714	19.584	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	19256	18.936	ug/l	93
82) 4-Chlorotoluene	12.945	91	224960	19.777	ug/l	94
83) tert-Butylbenzene	13.169	119	211938	18.948	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	257826	19.503	ug/l	94
85) sec-Butylbenzene	13.345	105	335788	19.451	ug/l	96
86) p-Isopropyltoluene	13.463	119	274766	19.258	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	149107	19.565	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	148765	19.802	ug/l	98
89) n-Butylbenzene	13.787	91	270316	19.508	ug/l	97
90) Hexachloroethane	14.051	117	52701	18.623	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	127654	19.539	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	8085	19.261	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	76556	19.194	ug/l	97
94) Hexachlorobutadiene	15.204	225	38700	18.880	ug/l	99
95) Naphthalene	15.334	128	140093	17.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	66609	19.091	ug/l	99

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

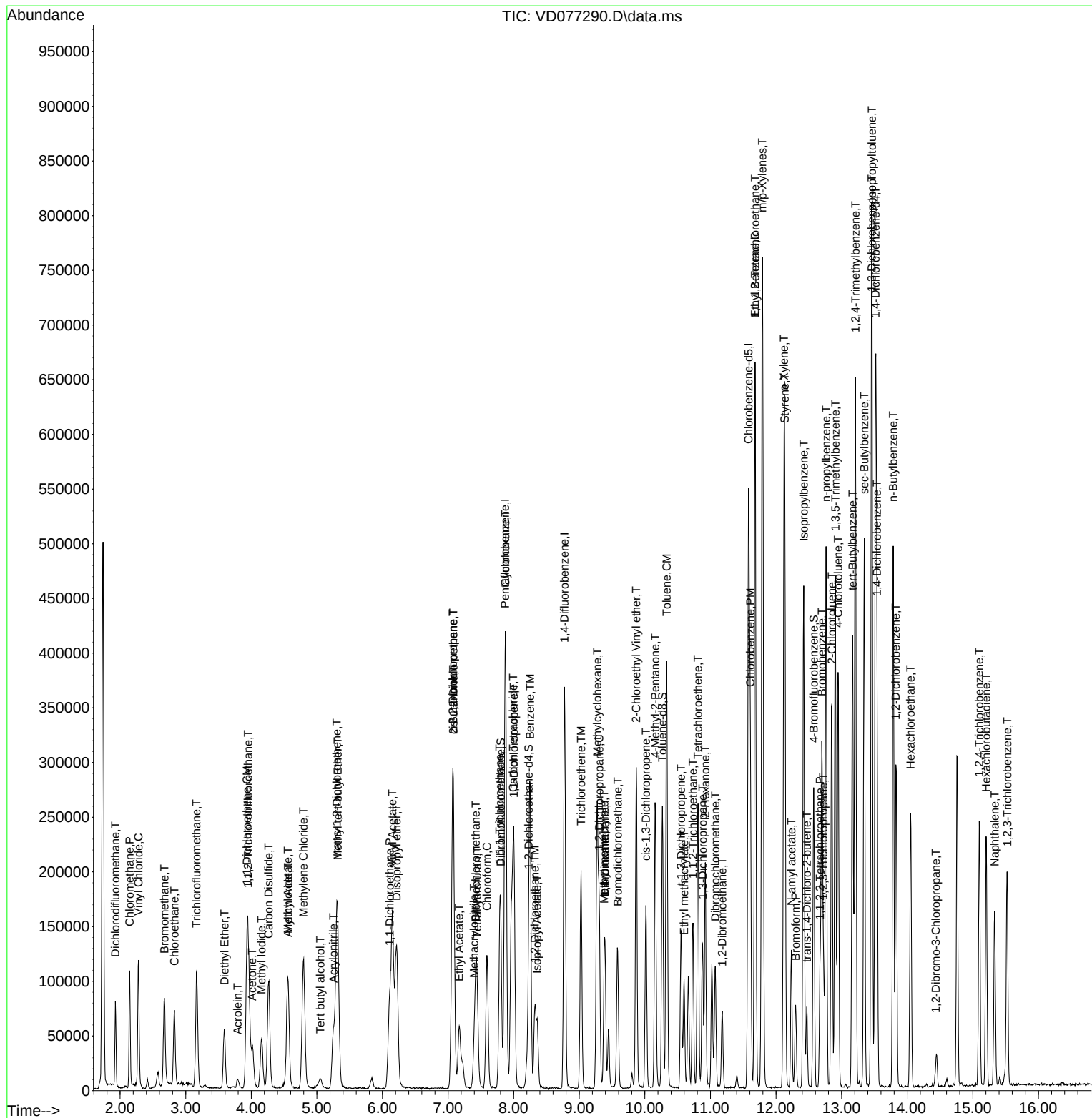
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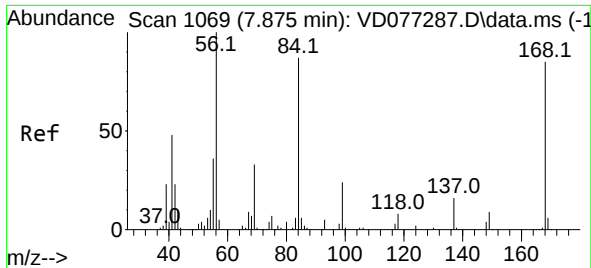
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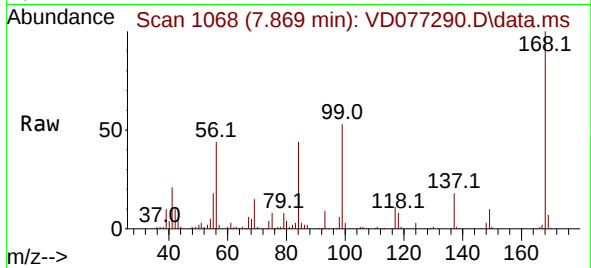
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

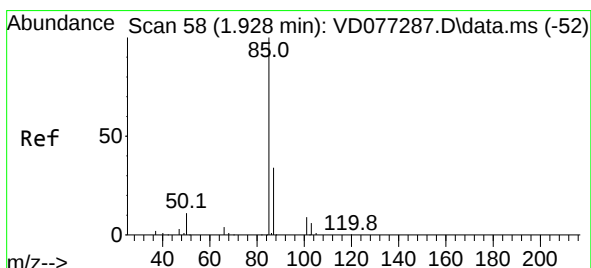
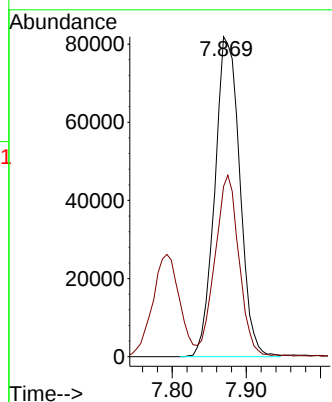
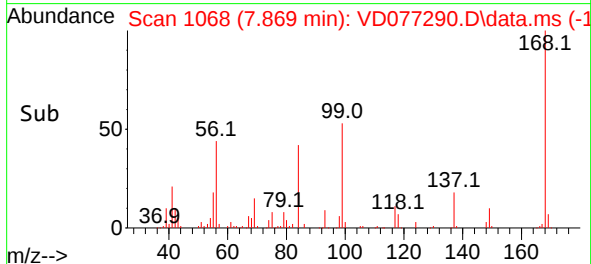
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 191623
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1

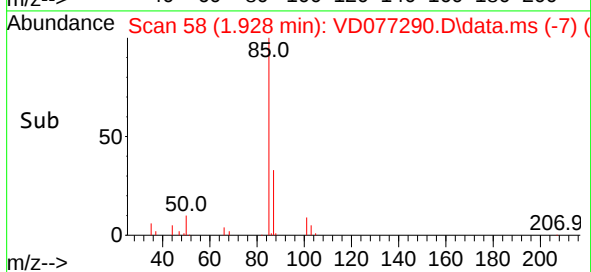
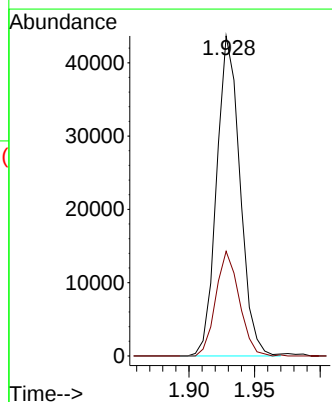
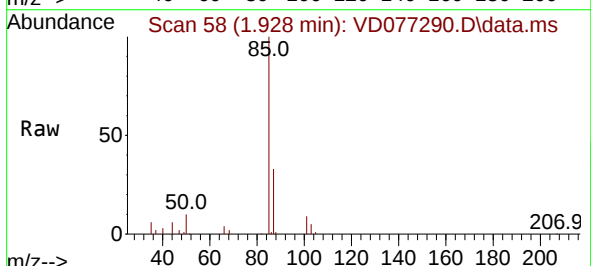
Manual Integrations
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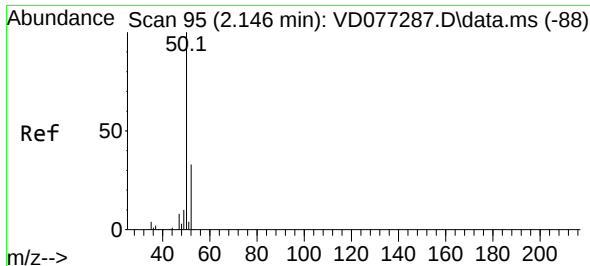
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#2
Dichlorodifluoromethane
Concen: 21.030 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

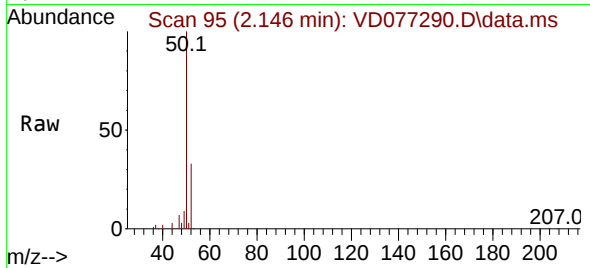
Tgt Ion: 85 Resp: 54038
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0





#3
Chloromethane
Concen: 20.923 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

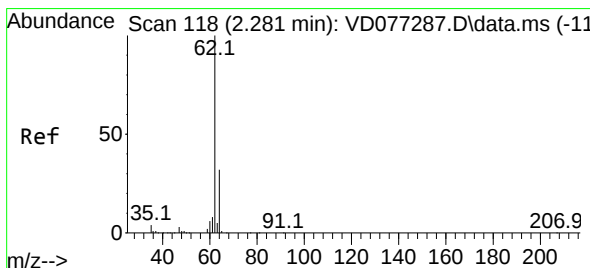
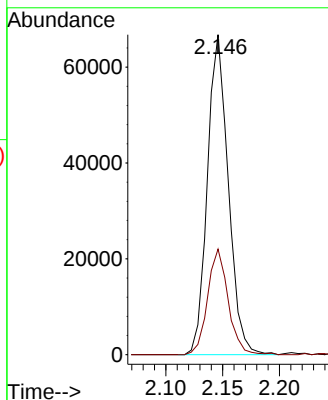
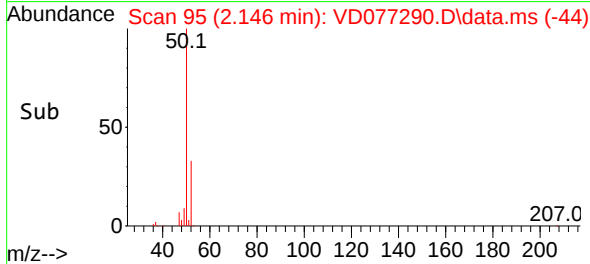
Instrument :
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Tgt Ion: 50 Resp: 85283
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0

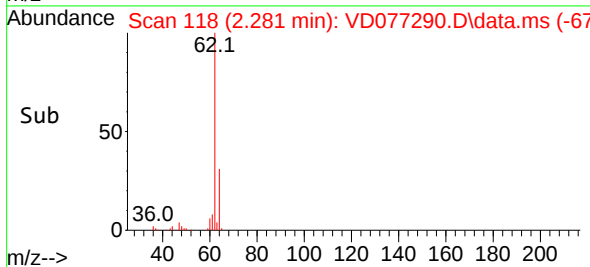
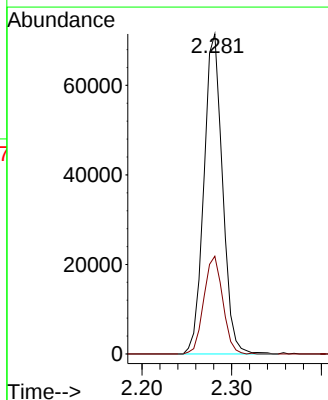
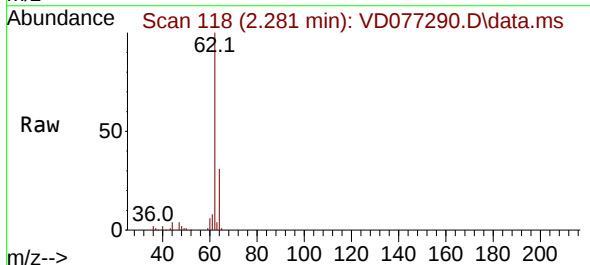
Manual Integrations
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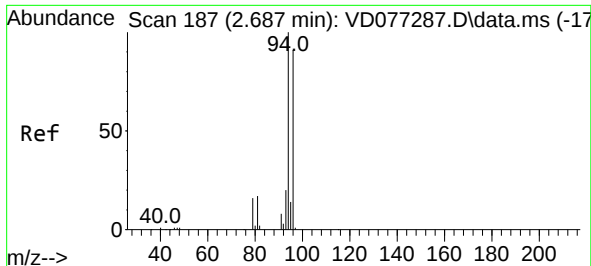
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#4
Vinyl Chloride
Concen: 20.905 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 62 Resp: 103039
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0





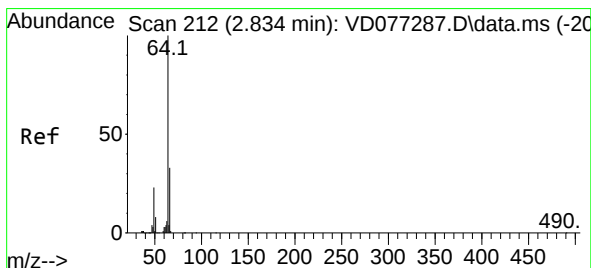
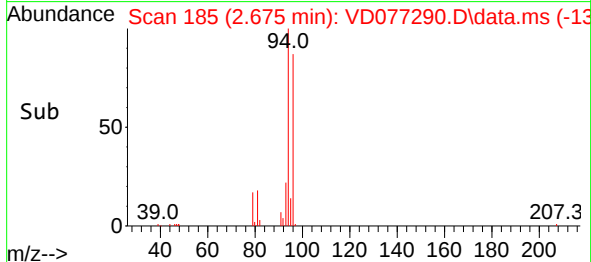
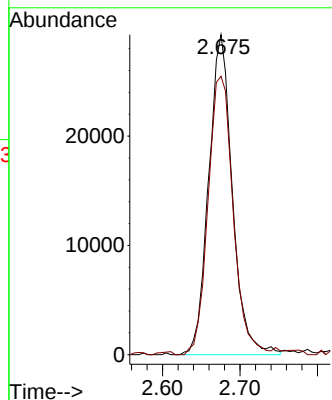
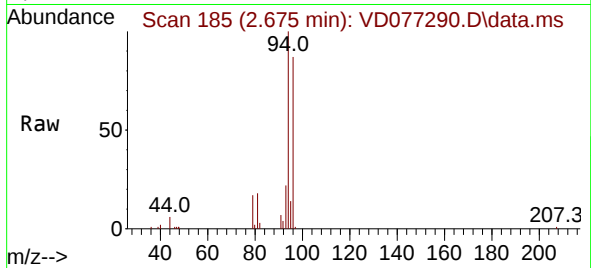
#5
Bromomethane
Concen: 17.560 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 6206
Ion Ratio Lower Upper
94 100
96 92.1 75.8 113.8

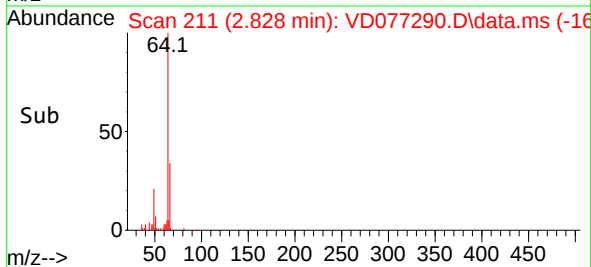
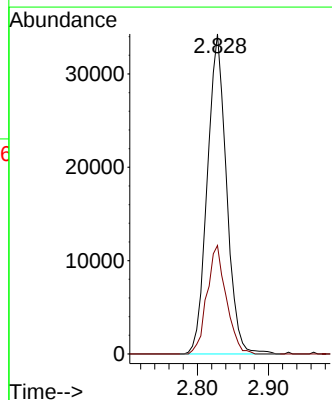
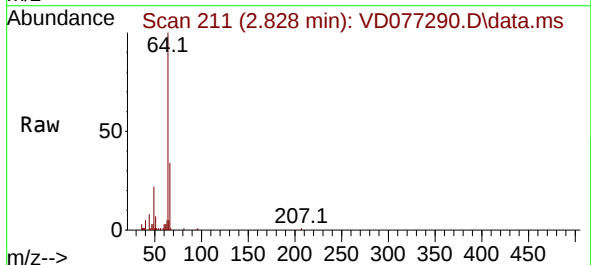
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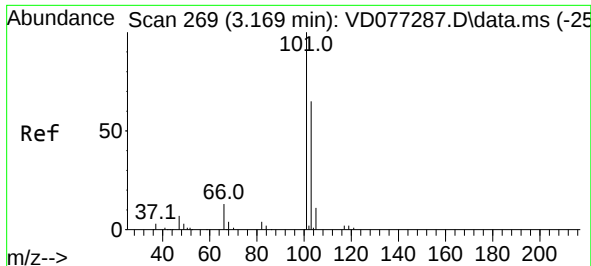
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#6
Chloroethane
Concen: 20.294 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 64 Resp: 64368
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3





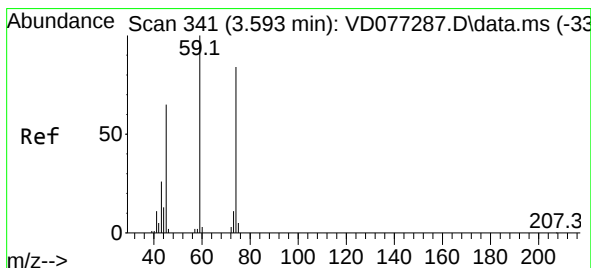
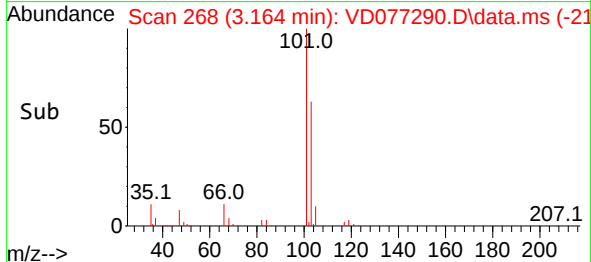
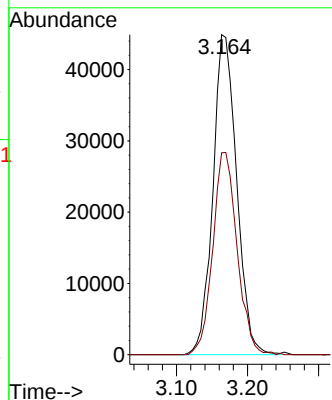
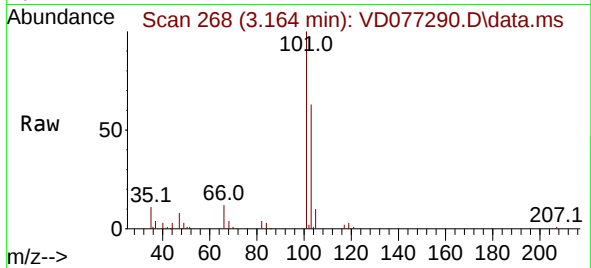
#7
Trichlorofluoromethane
Concen: 20.259 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
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Tgt Ion:101 Resp: 104249
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5

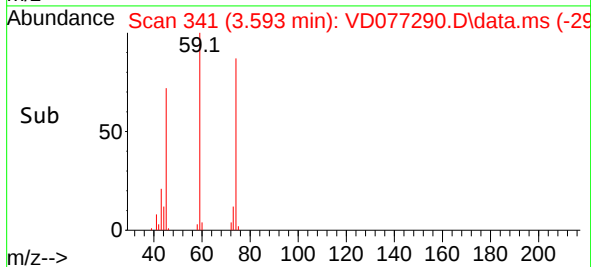
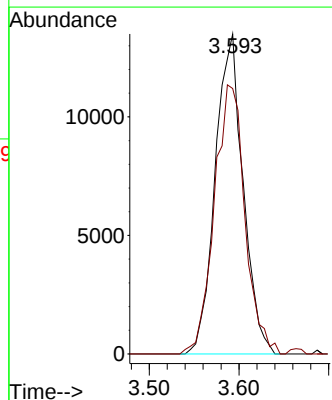
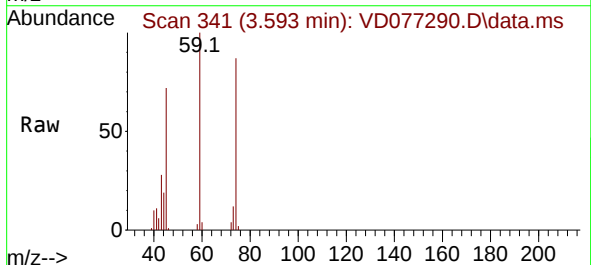
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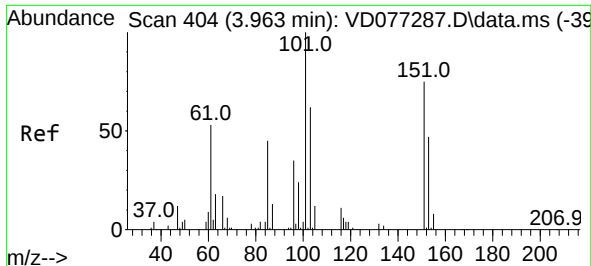
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#8
Diethyl Ether
Concen: 18.868 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 74 Resp: 29121
Ion Ratio Lower Upper
74 100
45 92.3 37.5 112.7





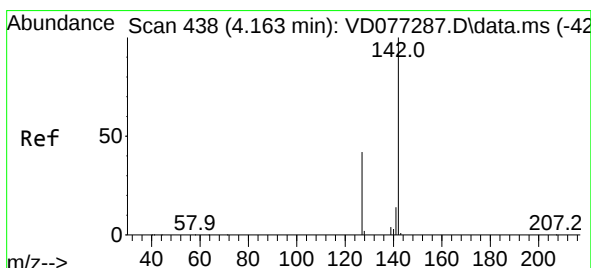
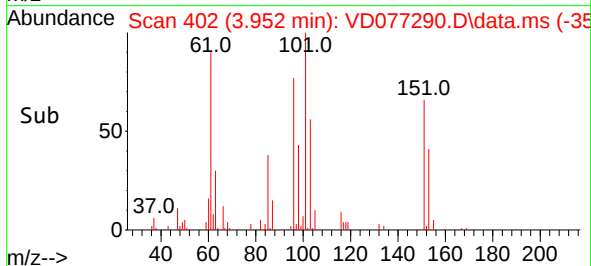
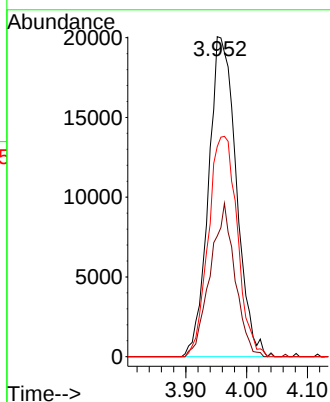
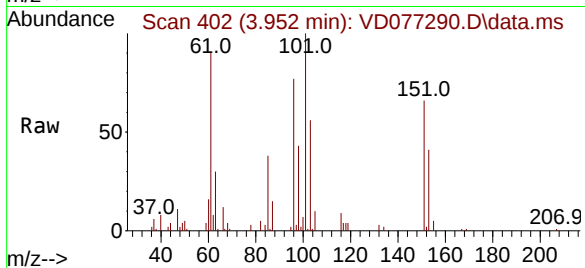
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.070 ug/l
RT: 3.952 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 63440
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.6
151 71.9 59.8 89.6

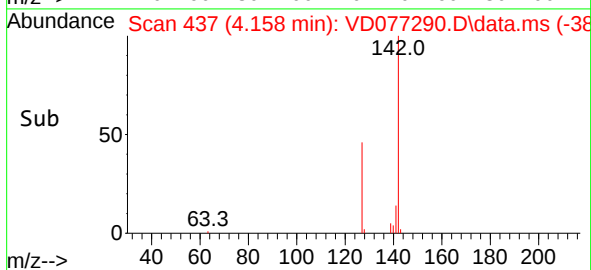
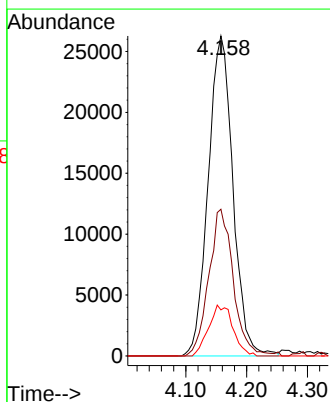
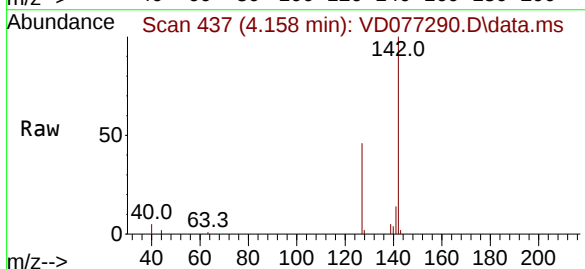
Manual Integrations
APPROVED

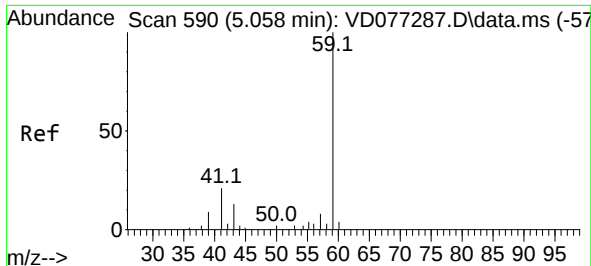
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#10
Methyl Iodide
Concen: 18.702 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion:142 Resp: 74191
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 15.6 11.1 16.7





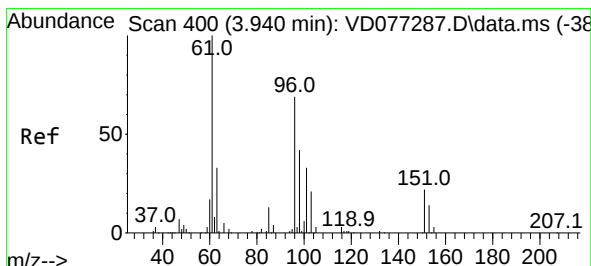
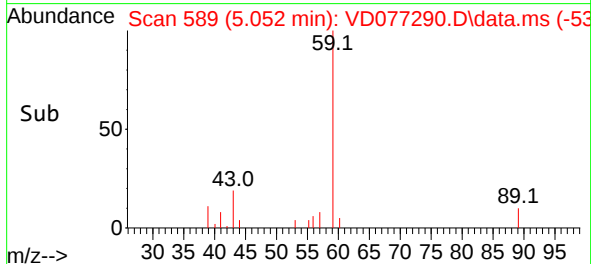
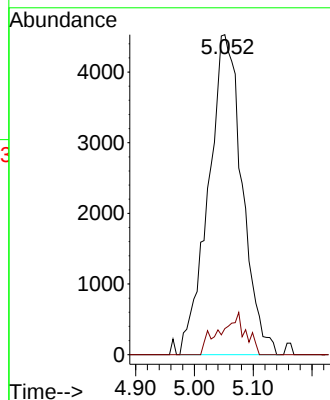
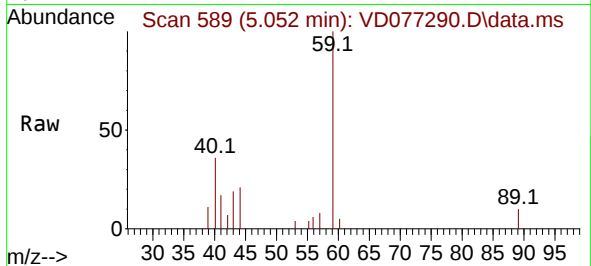
#11
Tert butyl alcohol
Concen: 102.259 ug/l
RT: 5.052 min Scan# 590
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 18018
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

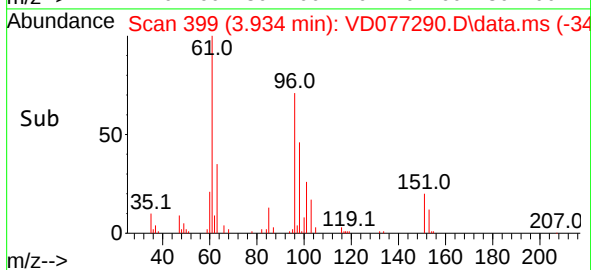
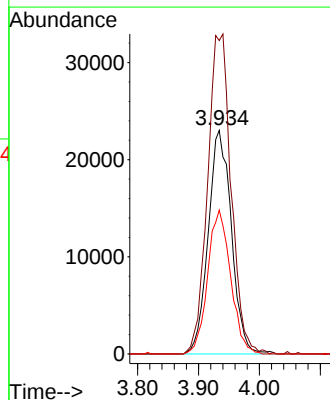
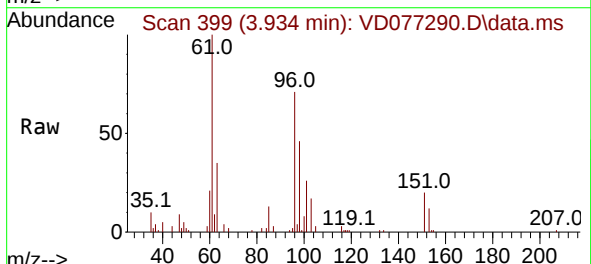
Manual Integrations
APPROVED

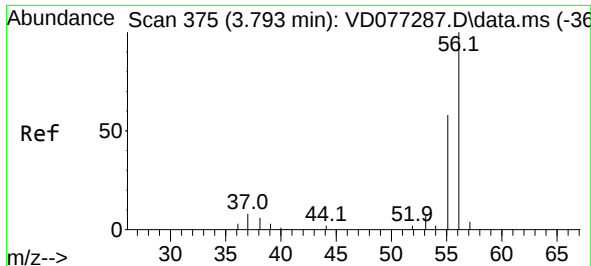
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#12
1,1-Dichloroethene
Concen: 19.762 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

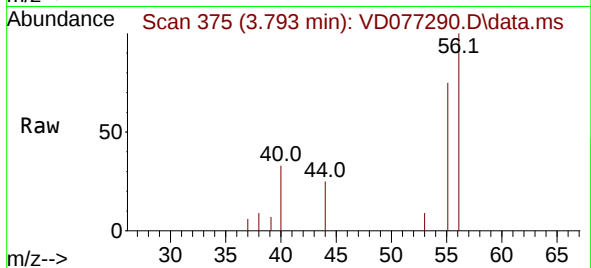
Tgt Ion: 96 Resp: 60948
Ion Ratio Lower Upper
96 100
61 140.2 100.6 150.8
98 64.4 50.2 75.2





#13
Acrolein
Concen: 77.830 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

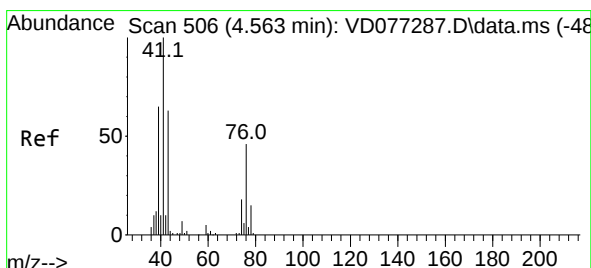
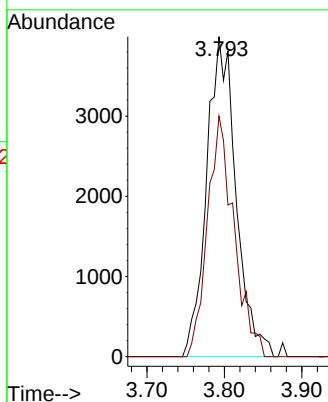
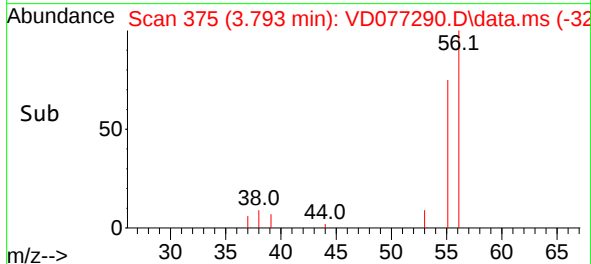
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 10519
Ion Ratio Lower Upper
56 100
55 67.9 55.1 82.7

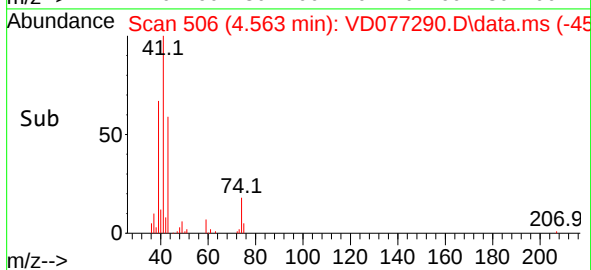
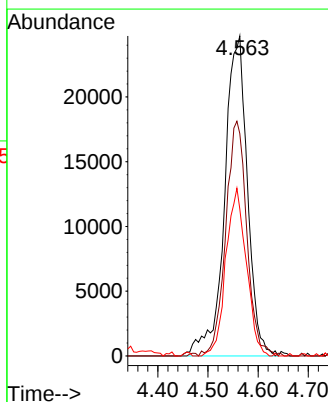
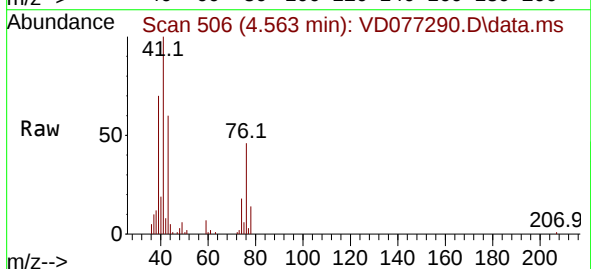
Manual Integrations
APPROVED

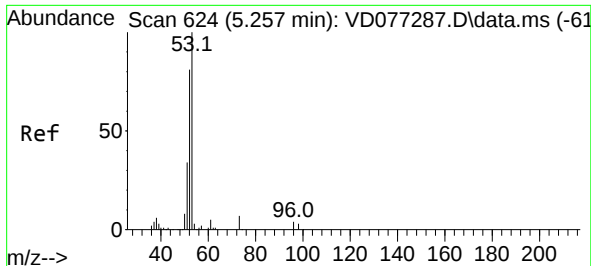
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#14
Allyl chloride
Concen: 19.104 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

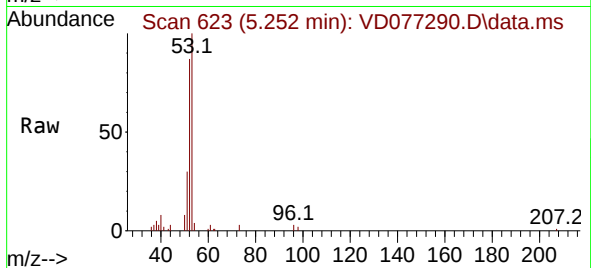
Tgt Ion: 41 Resp: 78309
Ion Ratio Lower Upper
41 100
39 67.6 53.8 80.6
76 46.9 45.8 68.8





#15
Acrylonitrile
Concen: 95.933 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

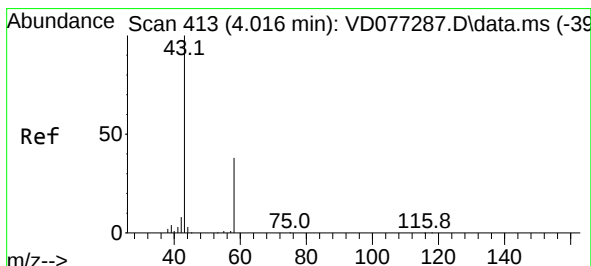
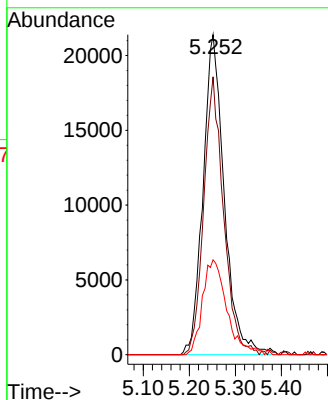
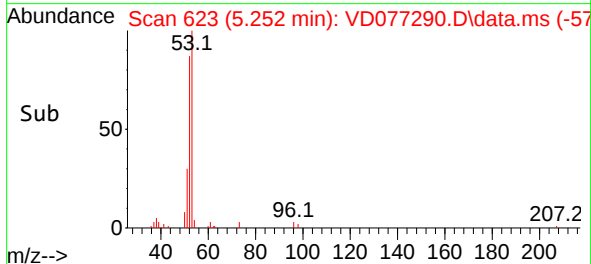
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



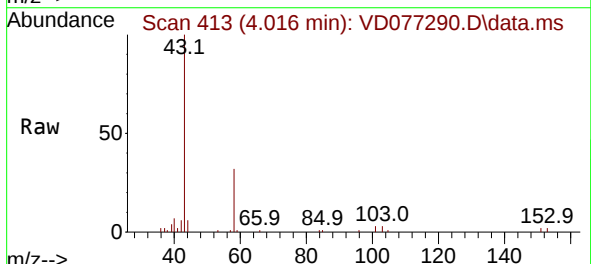
Tgt Ion: 53 Resp: 68729
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.4
51 33.7 28.3 42.5

Manual Integrations
APPROVED

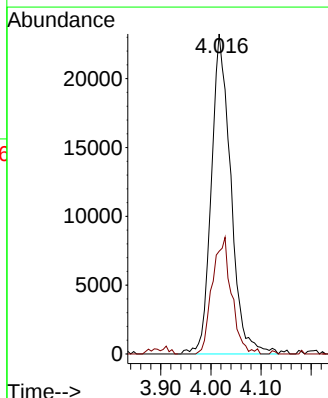
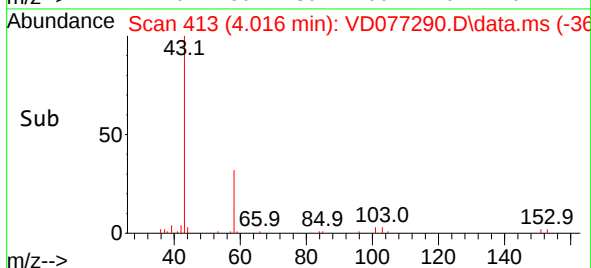
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

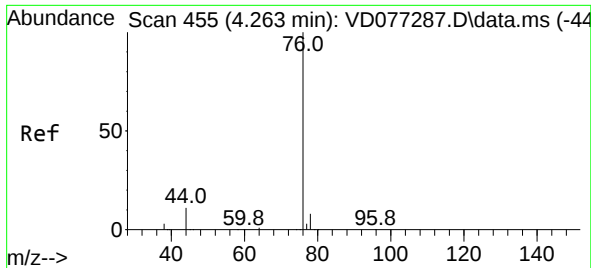


#16
Acetone
Concen: 95.356 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



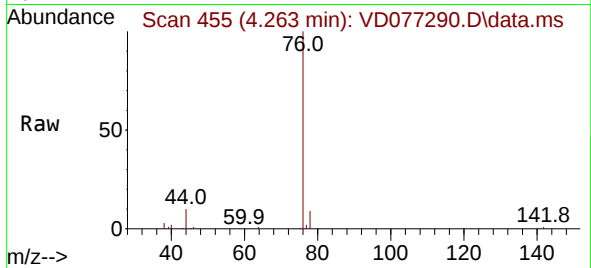
Tgt Ion: 43 Resp: 62784
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#





#17
Carbon Disulfide
Concen: 20.041 ug/l
RT: 4.263 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

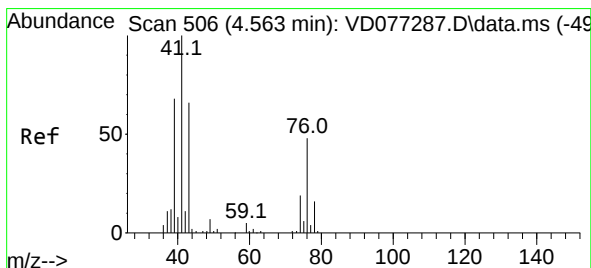
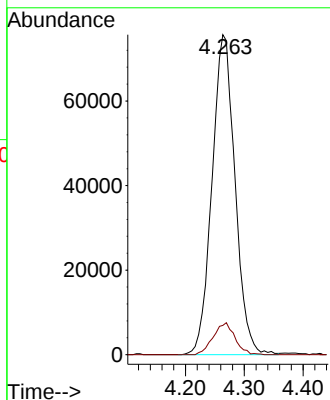
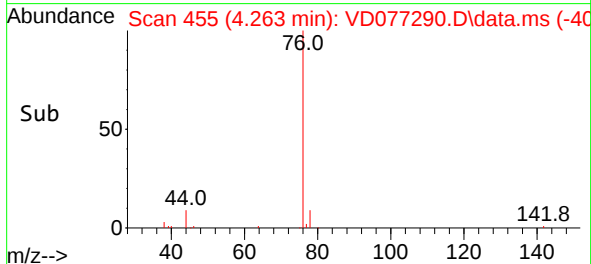
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 205989
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

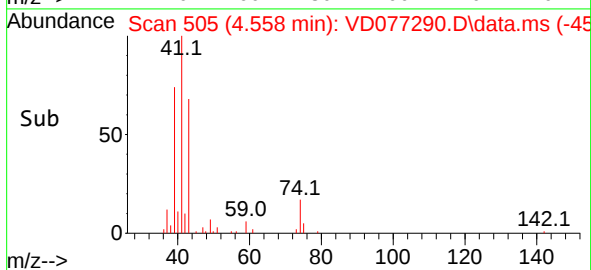
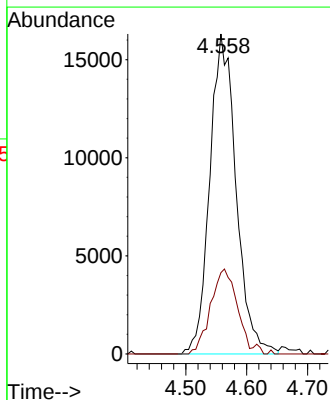
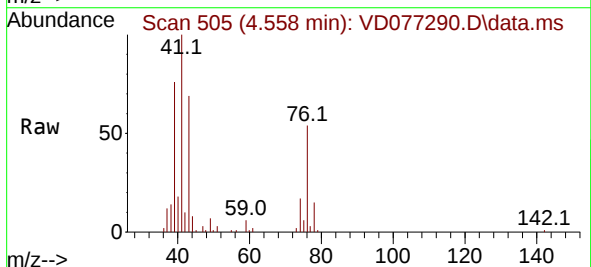
Manual Integrations
APPROVED

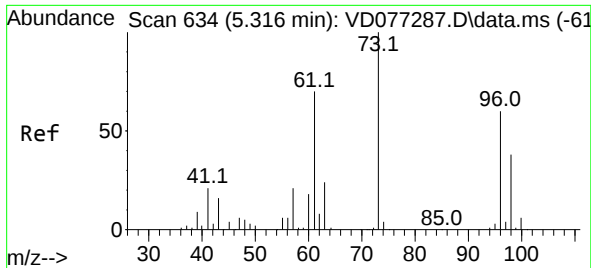
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#18
Methyl Acetate
Concen: 18.793 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

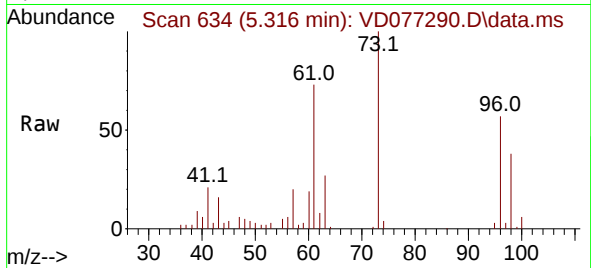
Tgt Ion: 43 Resp: 48970
Ion Ratio Lower Upper
43 100
74 26.7 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 19.133 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

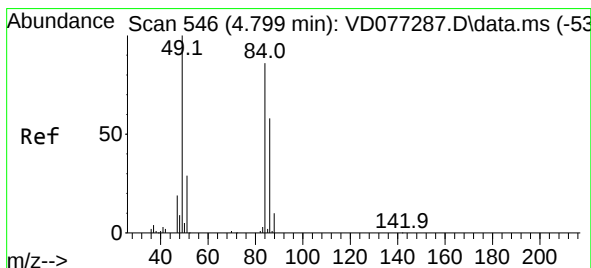
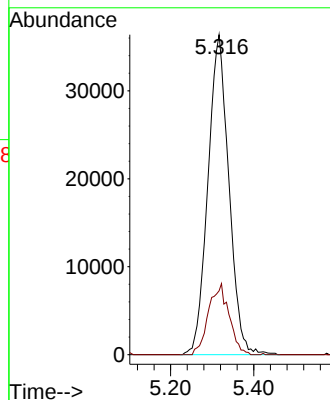
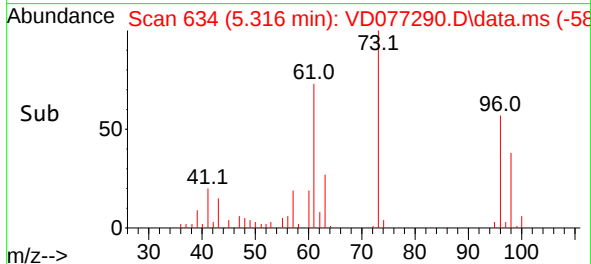
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 127339
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0

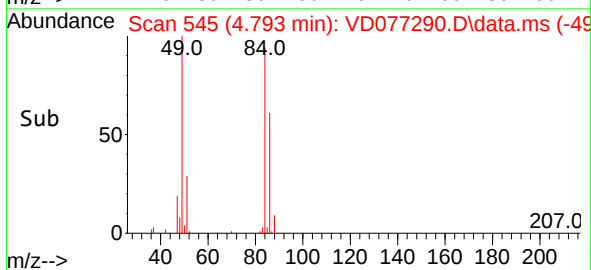
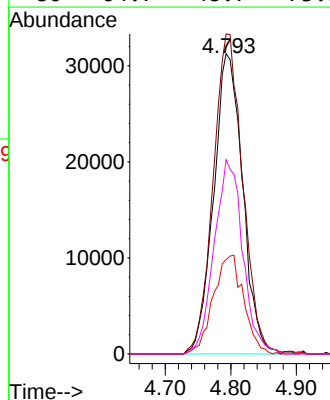
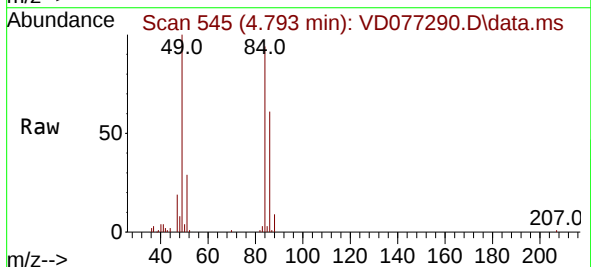
Manual Integrations
APPROVED

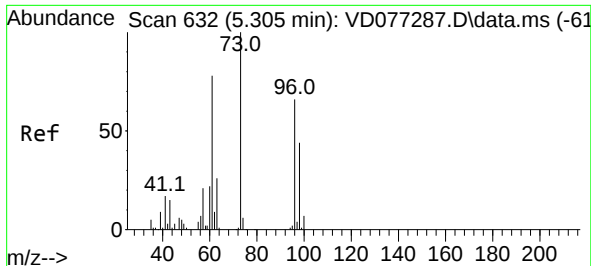
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#20
Methylene Chloride
Concen: 18.698 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

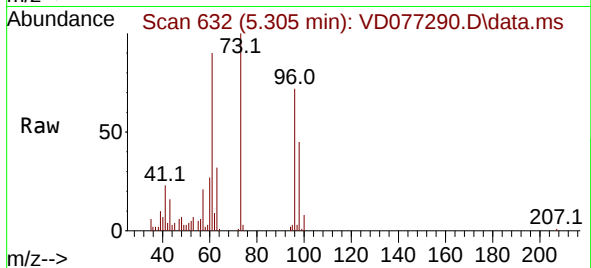
Tgt Ion: 84 Resp: 95964
Ion Ratio Lower Upper
84 100
49 106.5 71.4 107.2
51 31.4 24.5 36.7
86 64.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.574 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

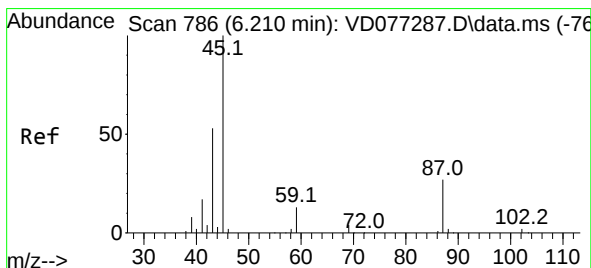
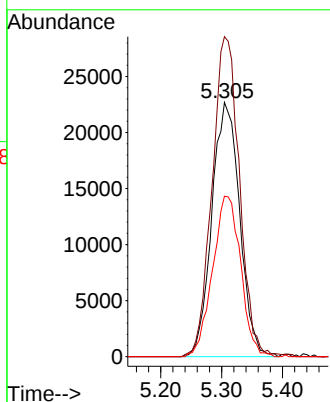
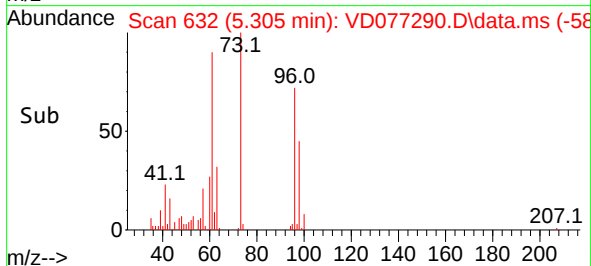
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



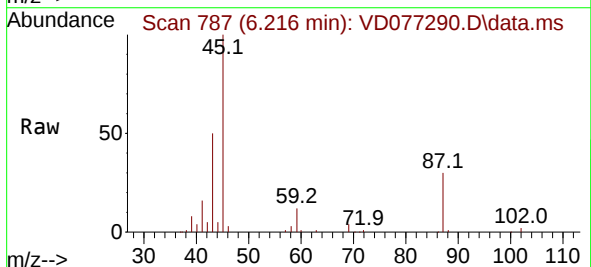
Tgt Ion: 96 Resp: 7206
Ion Ratio Lower Upper
96 100
61 125.9 89.3 133.9
98 63.1 48.6 73.0

Manual Integrations
APPROVED

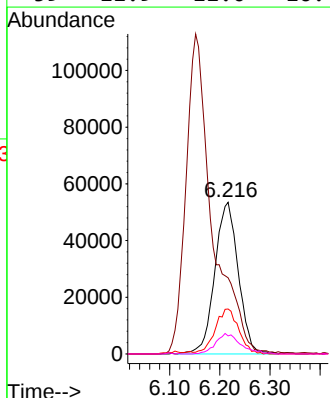
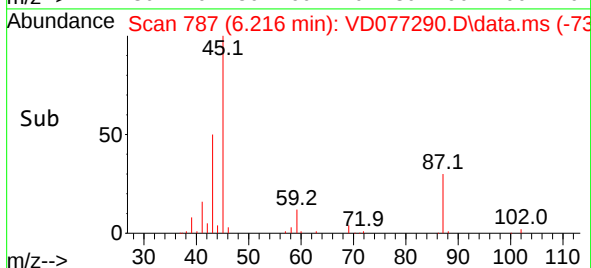
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

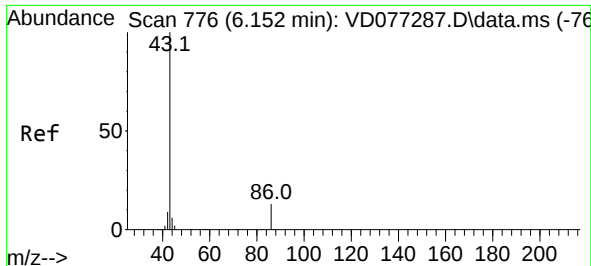


#22
Diisopropyl ether
Concen: 19.622 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



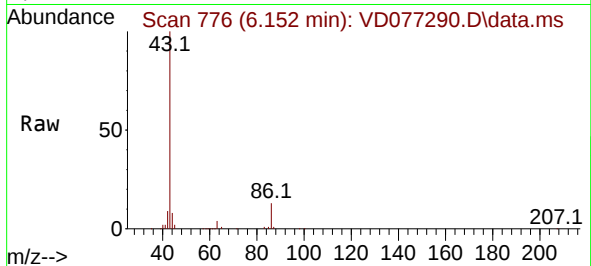
Tgt Ion: 45 Resp: 174561
Ion Ratio Lower Upper
45 100
43 48.7 40.0 60.0
87 29.7 28.2 42.4
59 11.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 95.777 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

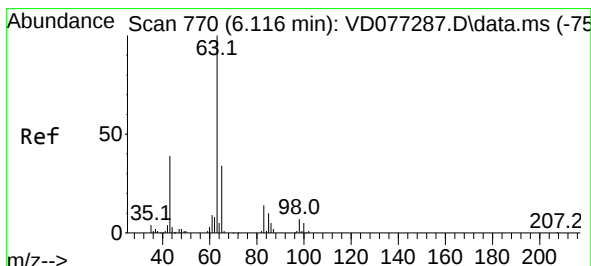
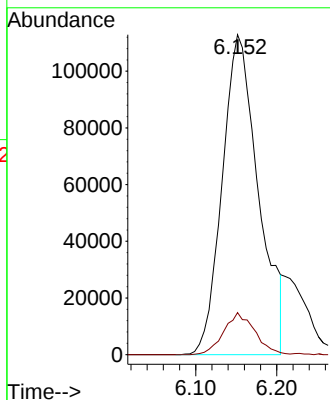
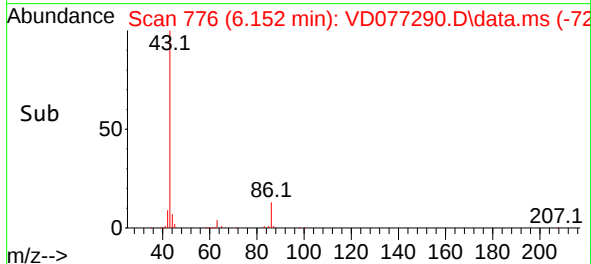
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



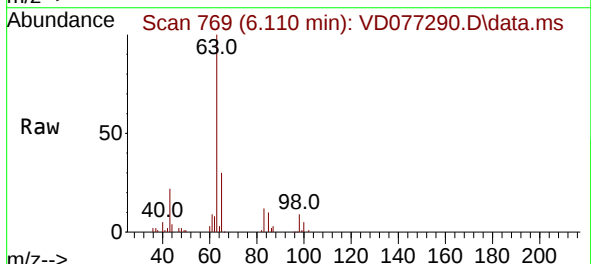
Tgt Ion: 43 Resp: 35175
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7

Manual Integrations
 APPROVED

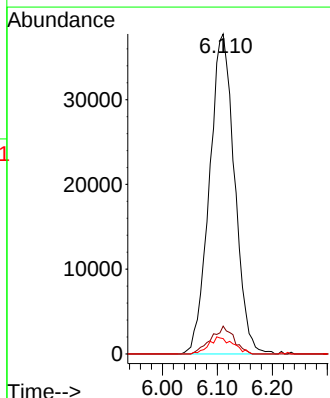
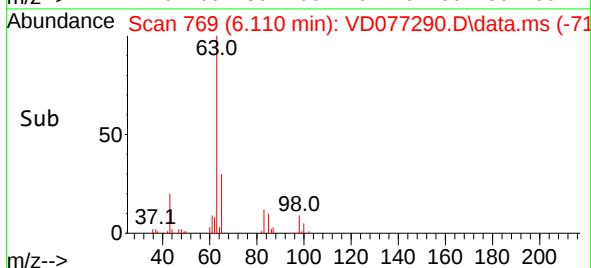
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

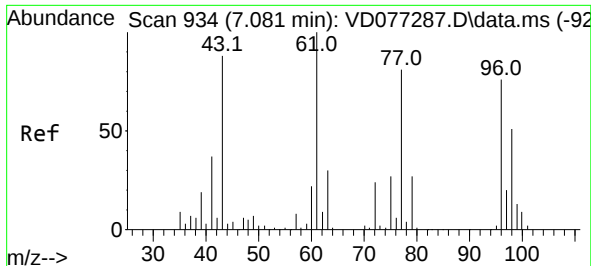


#24
 1,1-Dichloroethane
 Concen: 19.413 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43



Tgt Ion: 63 Resp: 119895
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 4.8 2.5 7.5





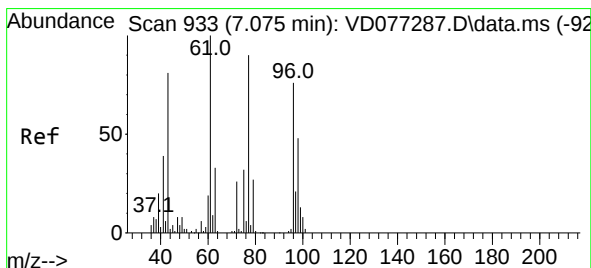
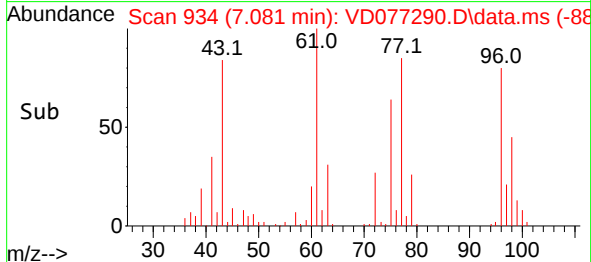
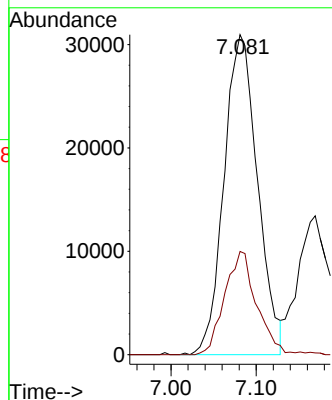
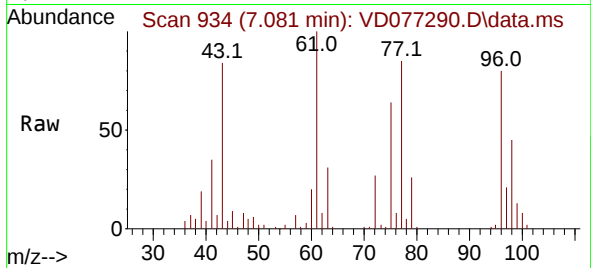
#25
2-Butanone
Concen: 94.998 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 8466
Ion Ratio Lower Upper
43 100
72 32.2 30.7 46.1

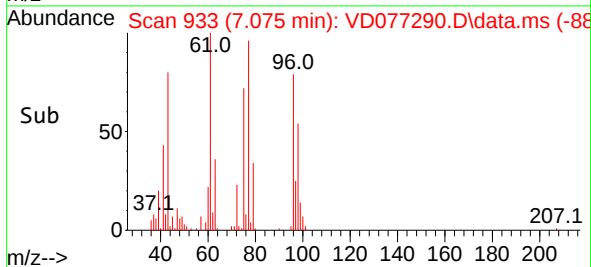
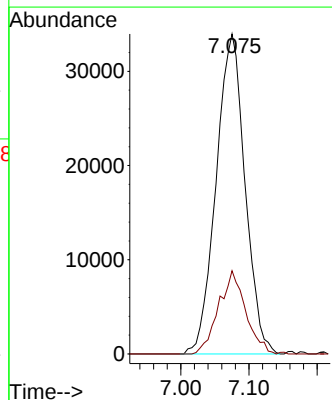
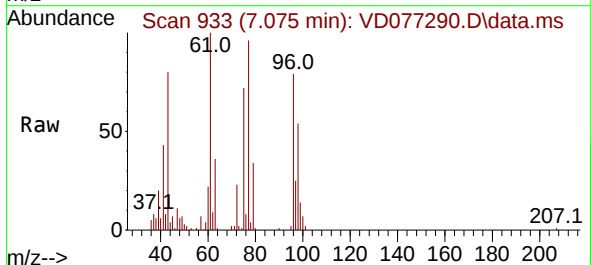
Manual Integrations
APPROVED

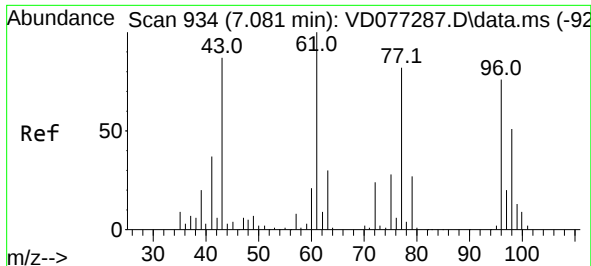
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#26
2,2-Dichloropropane
Concen: 19.209 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

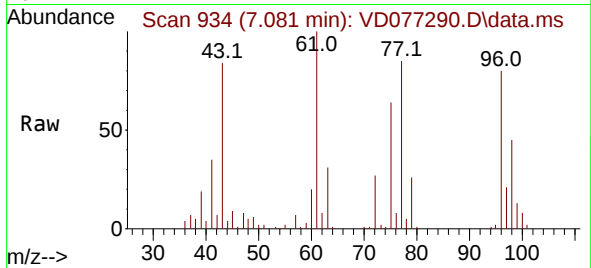
Tgt Ion: 77 Resp: 100164
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 19.741 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

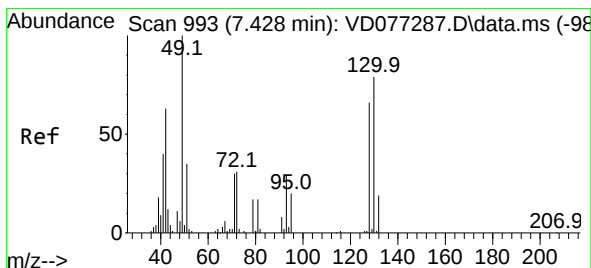
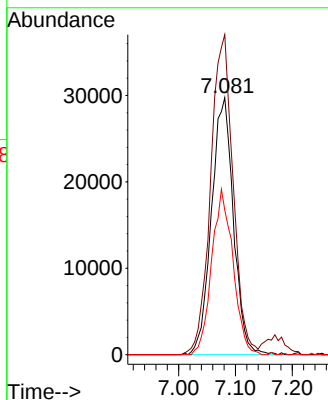
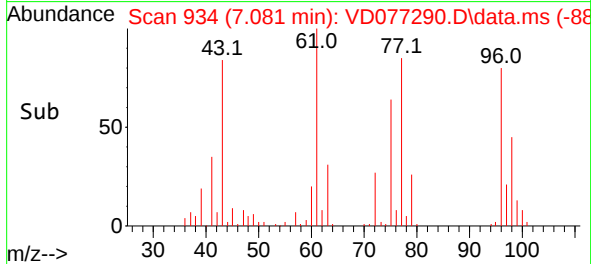
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 80028
Ion Ratio Lower Upper
96 100
61 126.9 0.0 239.2
98 62.1 0.0 128.6

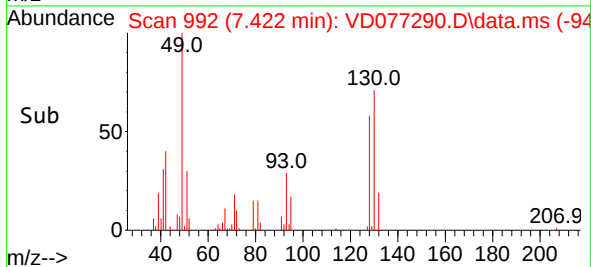
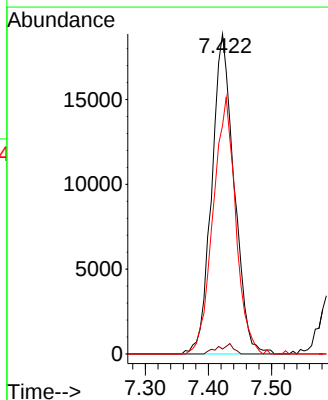
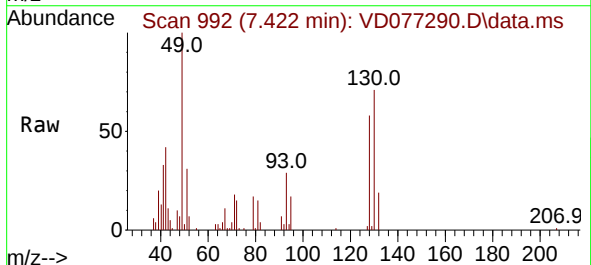
Manual Integrations
APPROVED

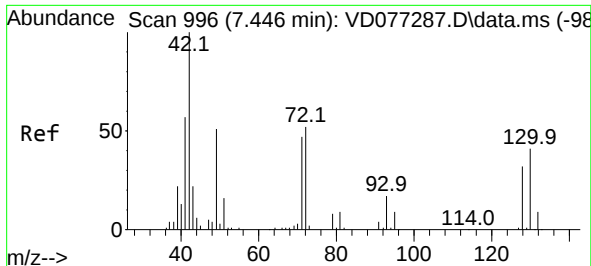
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#28
Bromochloromethane
Concen: 19.307 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 49 Resp: 46557
Ion Ratio Lower Upper
49 100
129 2.2 0.0 6.0
130 80.8 83.2 124.8#





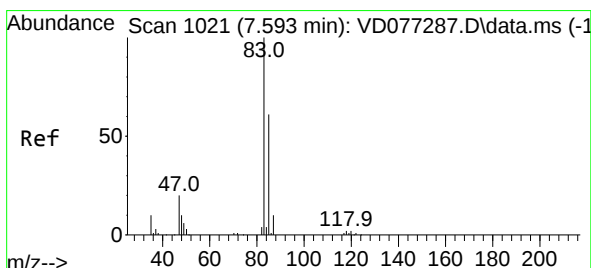
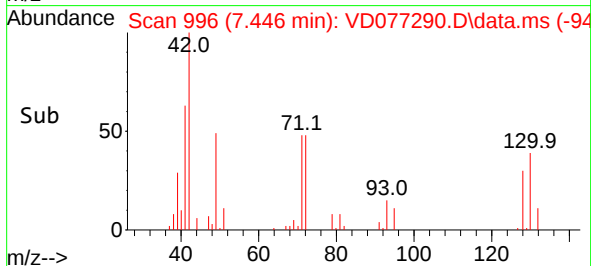
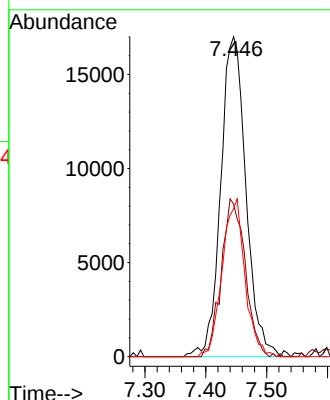
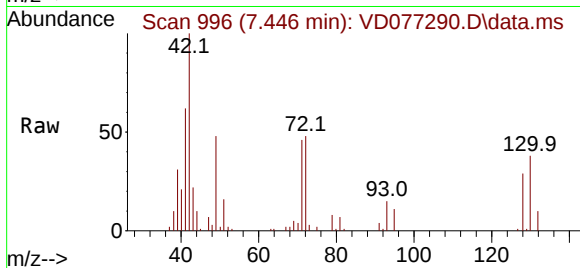
#29
Tetrahydrofuran
Concen: 95.711 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
Client SampleId :
VSTDIC020

Tgt Ion: 42 Resp: 48920
Ion Ratio Lower Upper
42 100
72 46.7 46.5 69.7
71 44.5 44.5 66.7

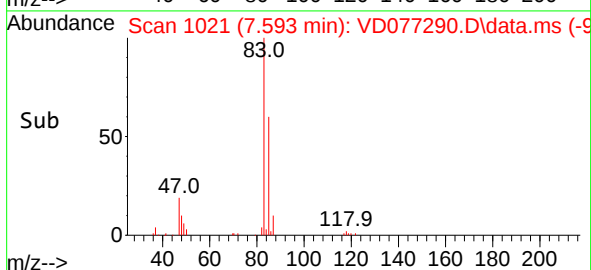
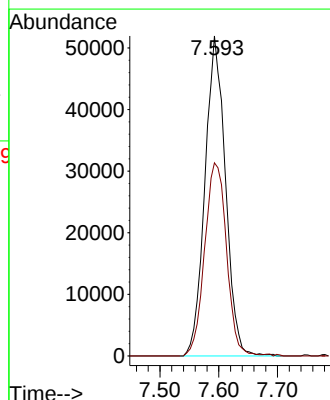
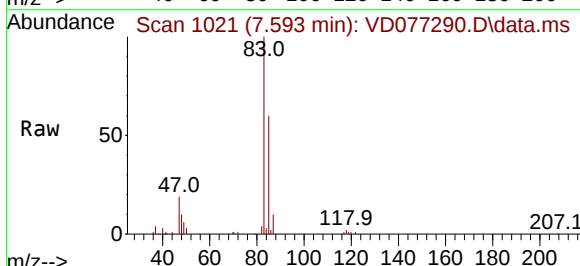
Manual Integrations
APPROVED

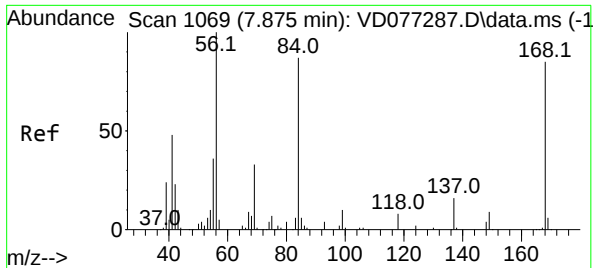
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#30
Chloroform
Concen: 19.663 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

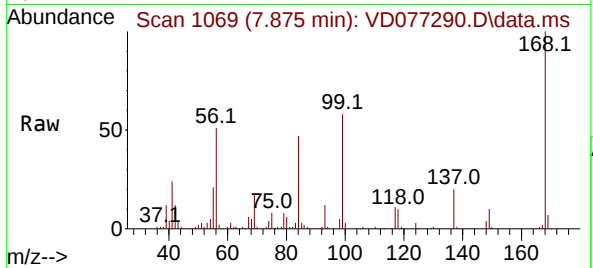
Tgt Ion: 83 Resp: 125876
Ion Ratio Lower Upper
83 100
85 60.4 53.4 80.2





#31
Cyclohexane
Concen: 20.112 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

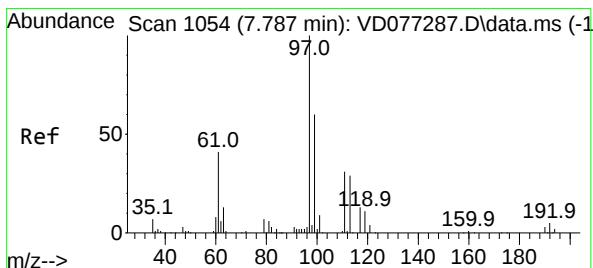
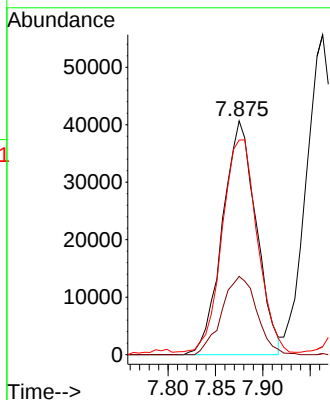
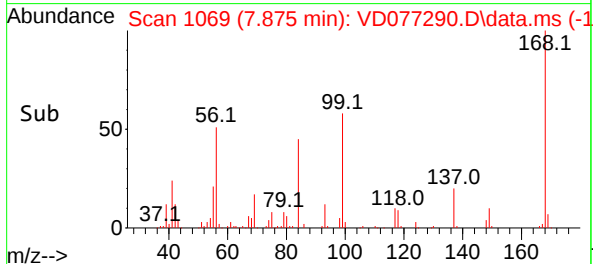
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



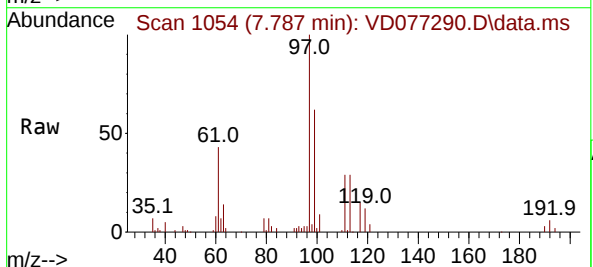
Tgt Ion: 56 Resp: 10078
Ion Ratio Lower Upper
56 100
69 33.4 28.6 43.0
84 90.5 84.8 127.2

Manual Integrations
APPROVED

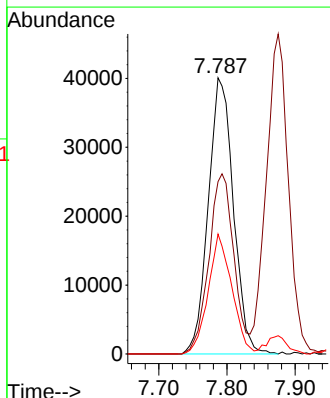
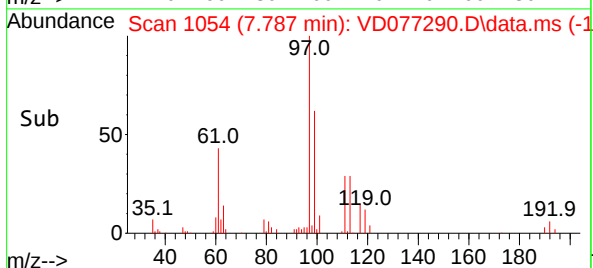
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

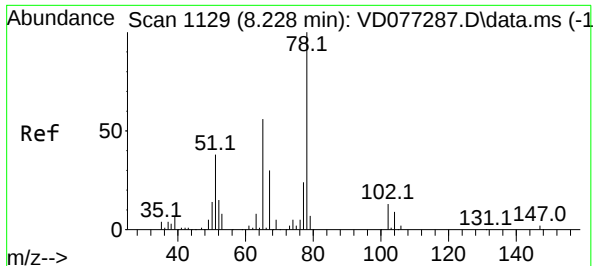


#32
1,1,1-Trichloroethane
Concen: 19.083 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



Tgt Ion: 97 Resp: 102748
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 40.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 18.982 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 45930

Ion Ratio Lower Upper

65 100

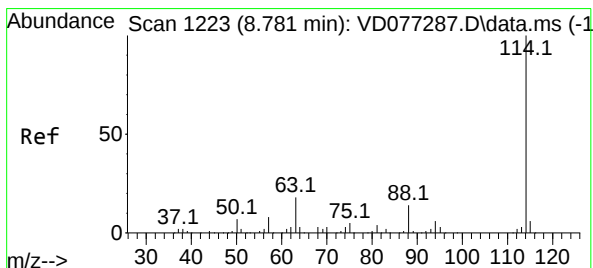
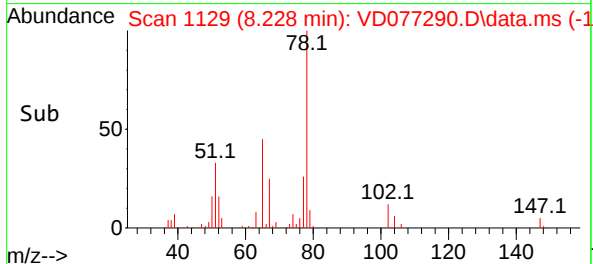
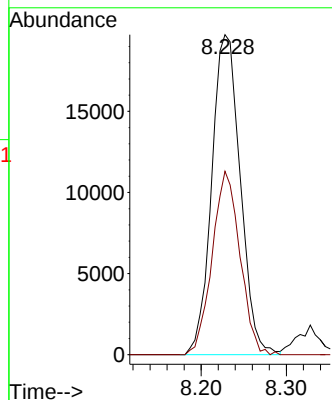
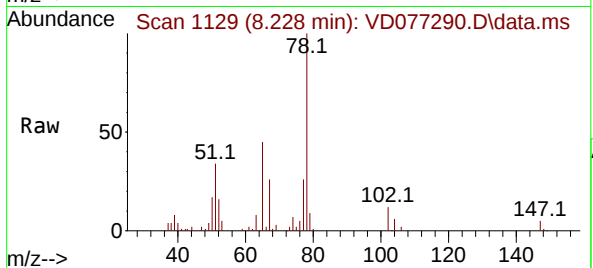
67 55.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

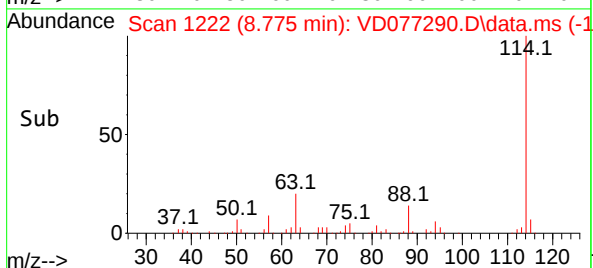
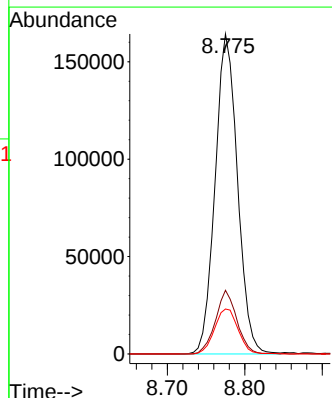
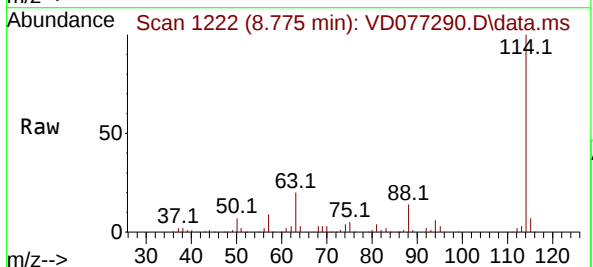
Tgt Ion:114 Resp: 329469

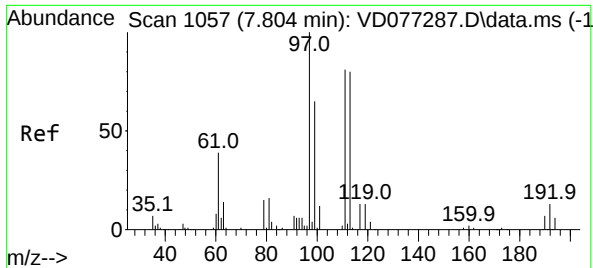
Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

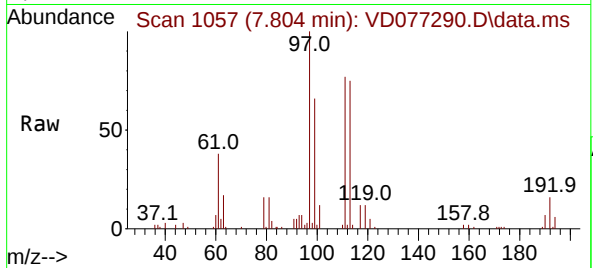
88 14.0 0.0 26.2





#35
Dibromofluoromethane
Concen: 18.215 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

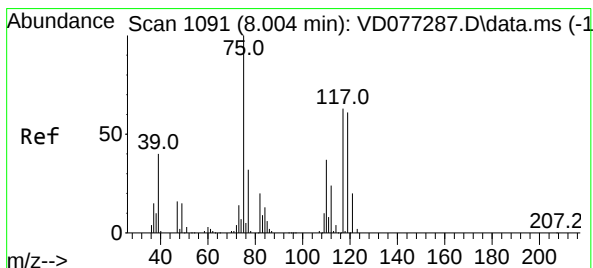
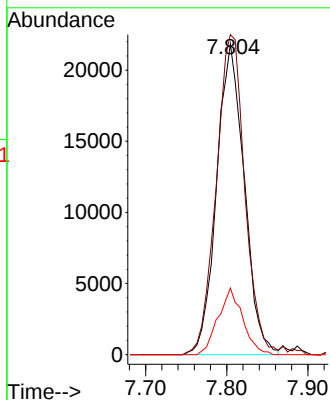
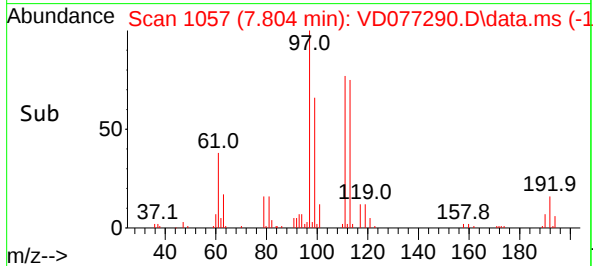
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



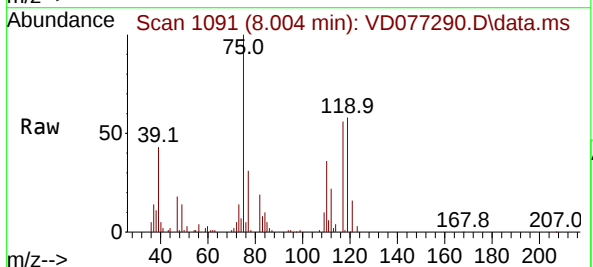
Tgt Ion:113 Resp: 5178
Ion Ratio Lower Upper
113 100
111 106.0 84.7 127.1
192 19.0 16.8 25.2

Manual Integrations
APPROVED

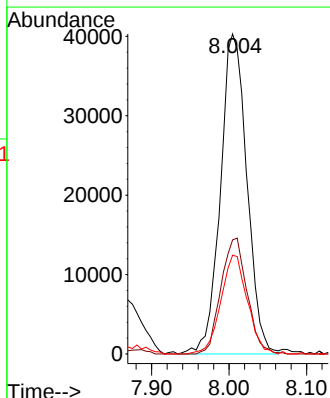
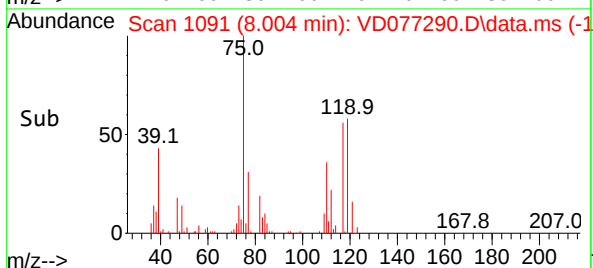
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

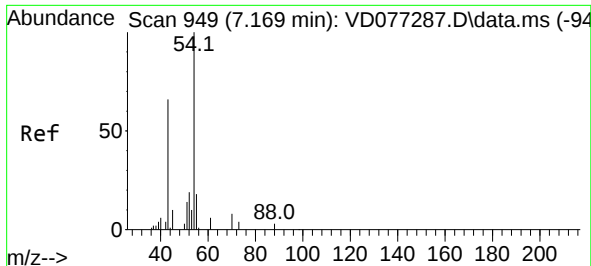


#36
1,1-Dichloropropene
Concen: 20.014 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



Tgt Ion: 75 Resp: 95898
Ion Ratio Lower Upper
75 100
110 35.6 19.9 59.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 18.979 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

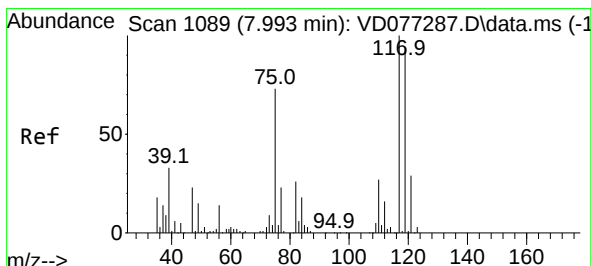
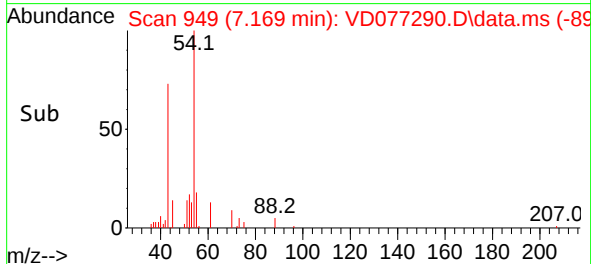
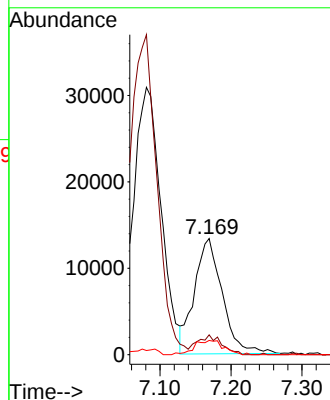
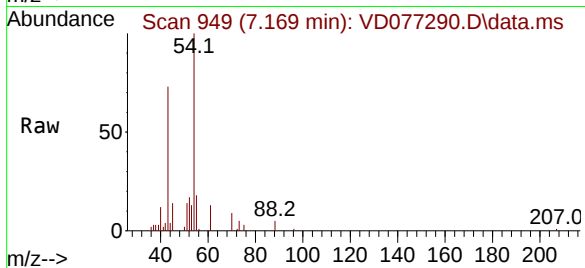
ClientSampleId :

VSTDICC020

Tgt Ion:	43	Resp:	3650
Ion Ratio	Lower	Upper	
43	100		
61	14.9	14.9	22.3
70	12.9	10.0	15.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#38

Carbon Tetrachloride

Concen: 19.358 ug/l

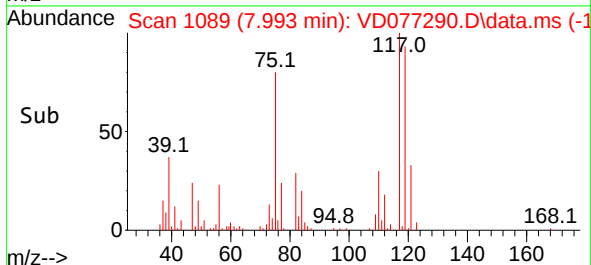
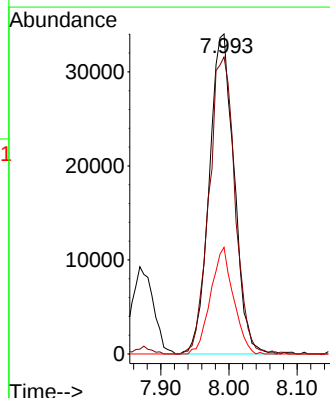
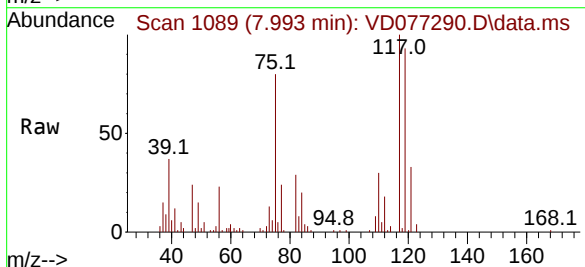
RT: 7.993 min Scan# 1089

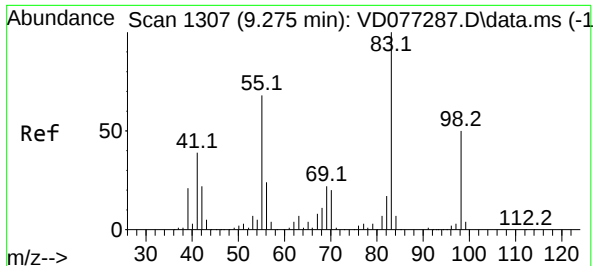
Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:	117	Resp:	86415
Ion Ratio	Lower	Upper	
117	100		
119	92.8	78.0	117.0
121	33.3	24.2	36.2





#39

Methylcyclohexane

Concen: 19.797 ug/l

RT: 9.275 min Scan# 110169

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 110169

Ion Ratio Lower Upper

83 100

55 72.7 49.4 74.0

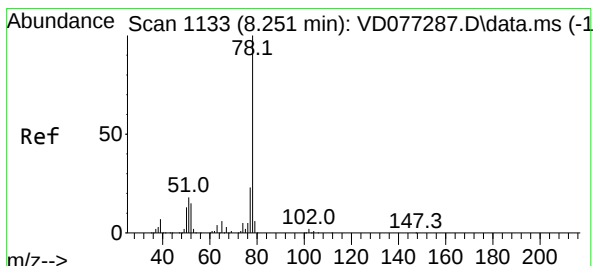
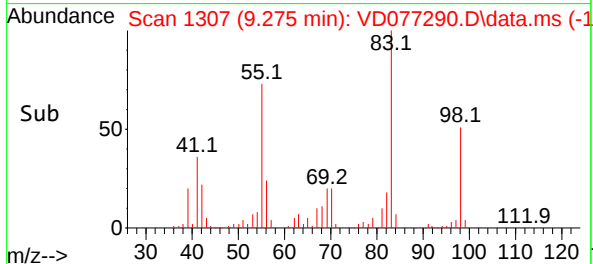
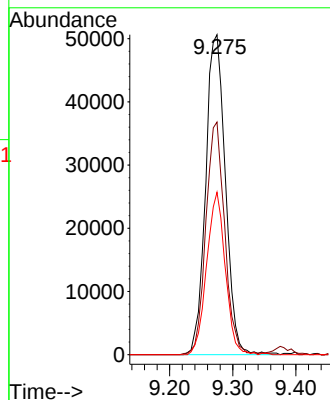
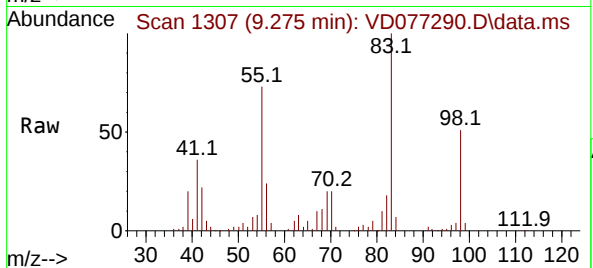
98 50.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#40

Benzene

Concen: 19.303 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077290.D

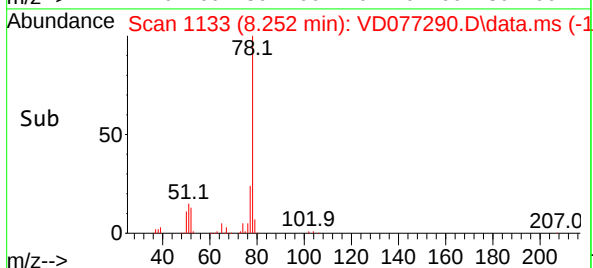
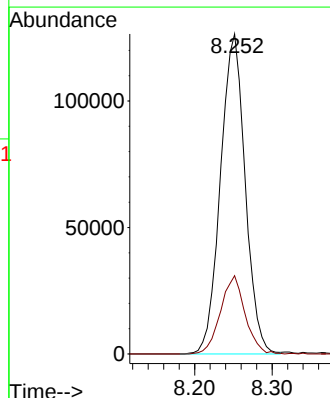
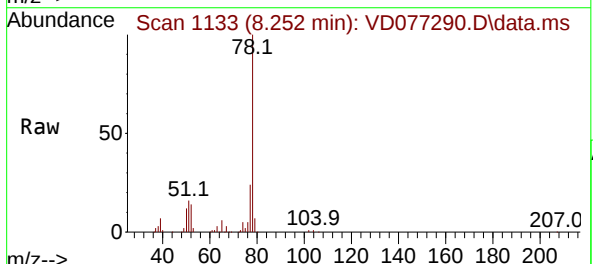
Acq: 06 Oct 2023 16:43

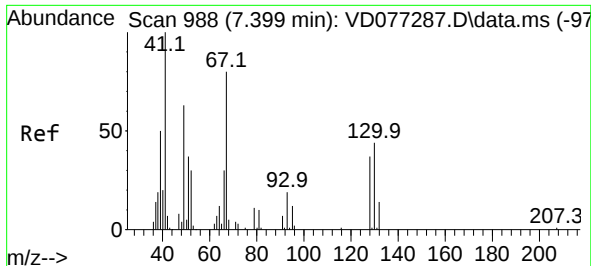
Tgt Ion: 78 Resp: 280435

Ion Ratio Lower Upper

78 100

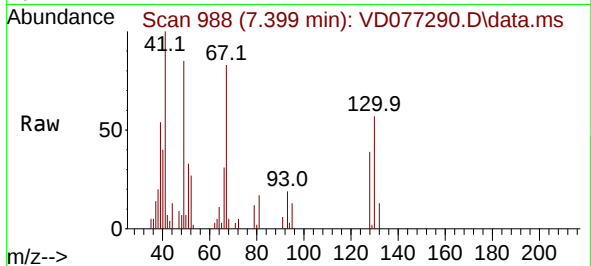
77 24.4 19.4 29.0





#41
Methacrylonitrile
Concen: 17.903 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

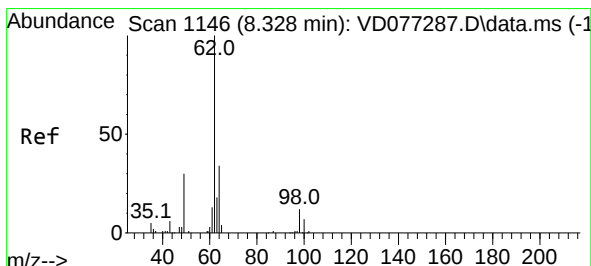
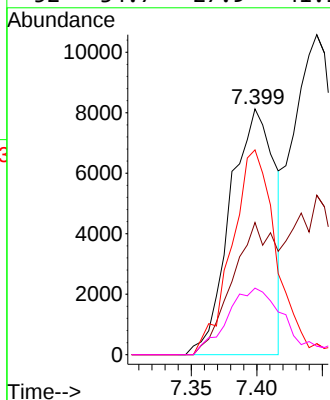
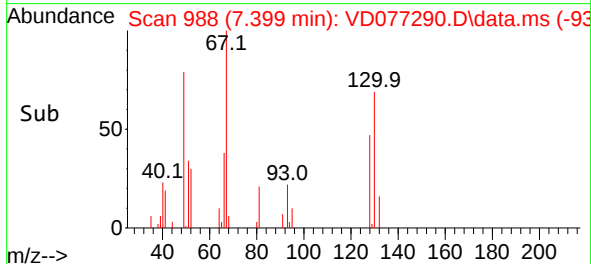
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 19290
Ion Ratio Lower Upper
41 100
39 51.9 34.0 51.0
67 83.4 77.0 115.4
52 34.7 27.9 41.9

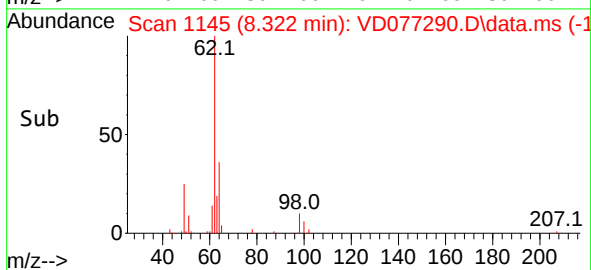
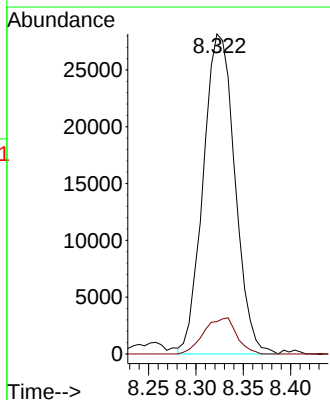
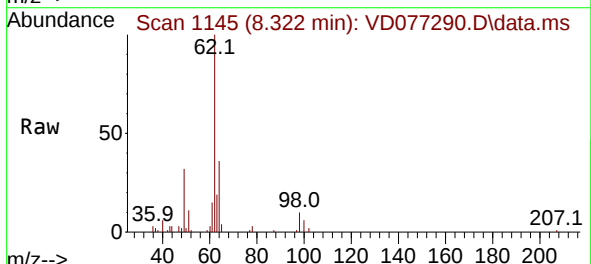
Manual Integrations
APPROVED

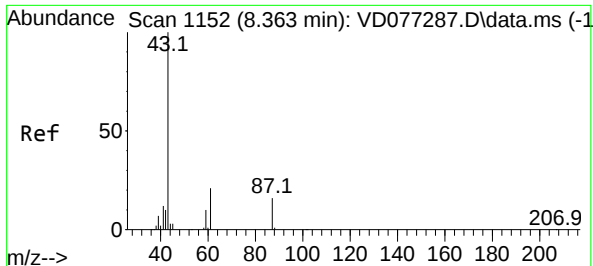
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#42
1,2-Dichloroethane
Concen: 19.010 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 62 Resp: 65684
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4





#43

Isopropyl Acetate

Concen: 18.731 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 6617

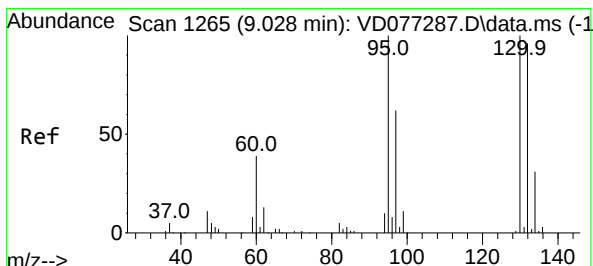
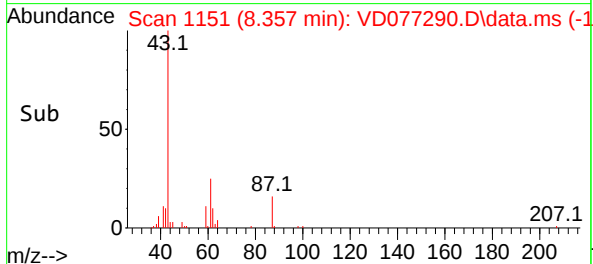
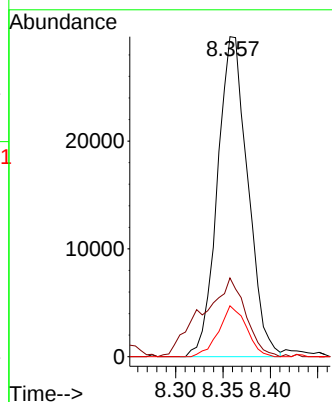
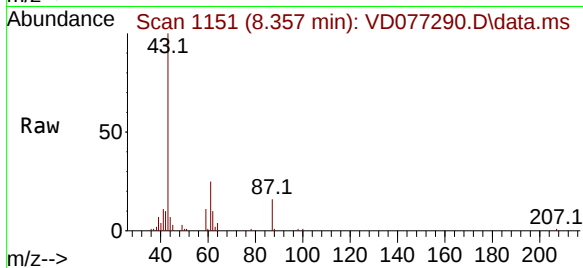
Ion	Ratio	Lower	Upper
43	100		
61	35.0	31.4	47.0
87	14.5	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#44

Trichloroethene

Concen: 20.096 ug/l

RT: 9.028 min Scan# 1265

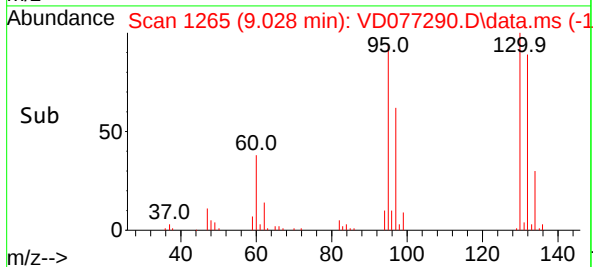
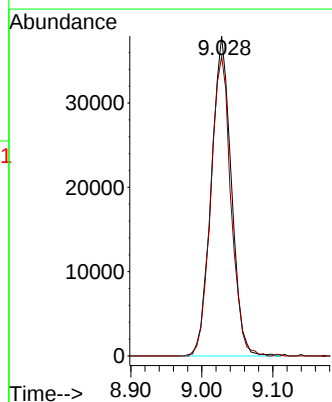
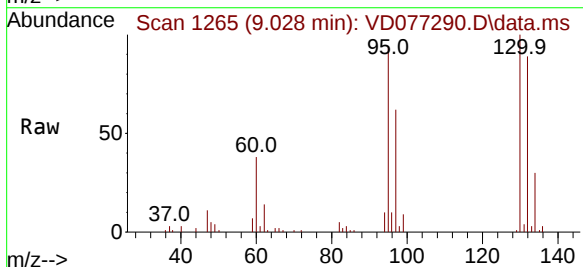
Delta R.T. 0.000 min

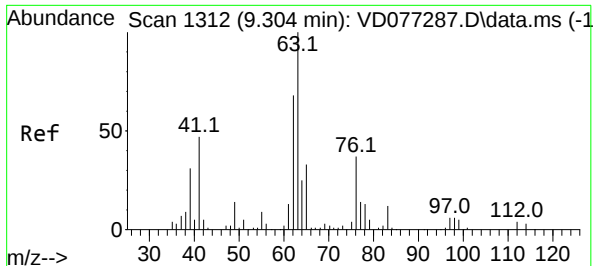
Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:130 Resp: 74117

Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	179.2





#45

1,2-Dichloropropane

Concen: 19.192 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 69720

Ion Ratio Lower Upper

63 100

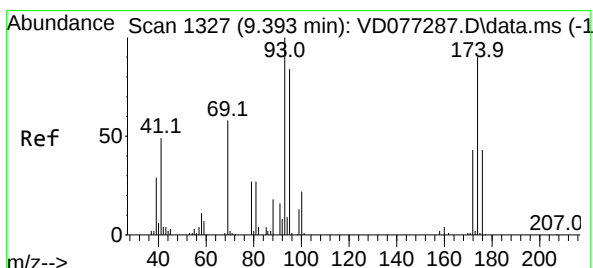
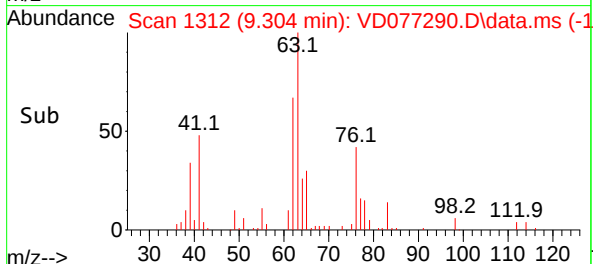
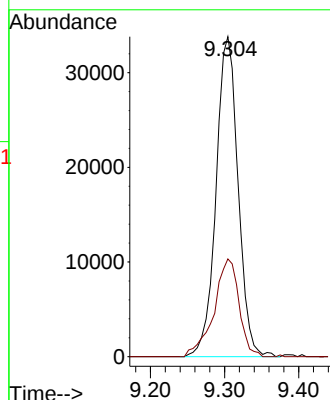
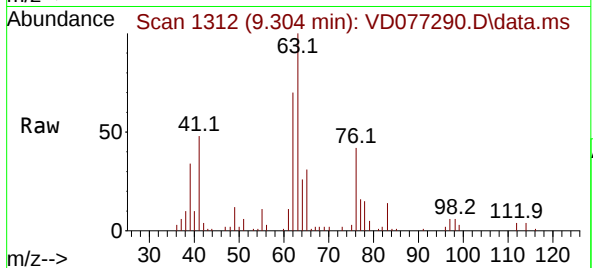
65 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#46

Dibromomethane

Concen: 18.408 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

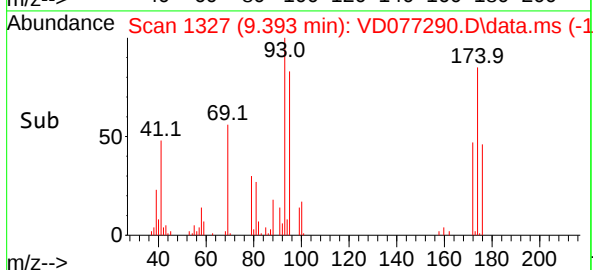
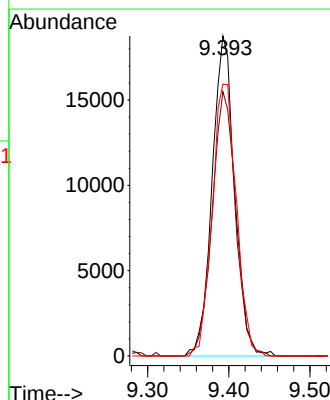
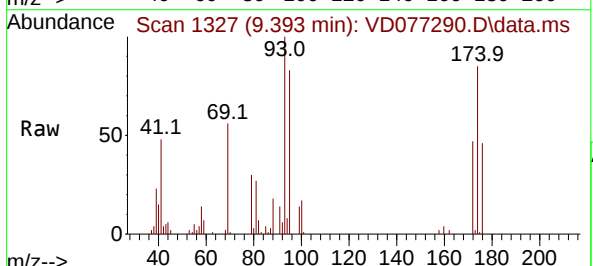
Tgt Ion: 93 Resp: 36127

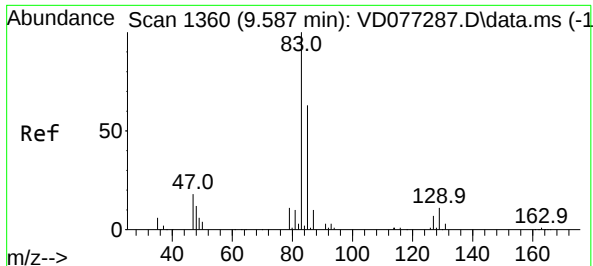
Ion Ratio Lower Upper

93 100

95 85.6 67.7 101.5

174 90.9 85.4 128.2





#47

Bromodichloromethane

Concen: 18.933 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

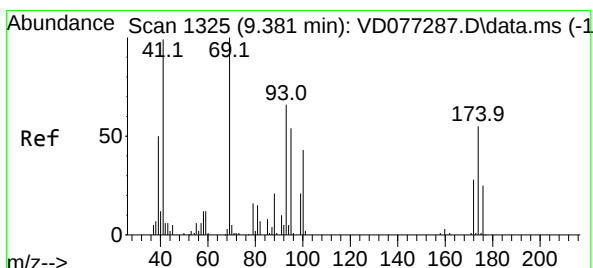
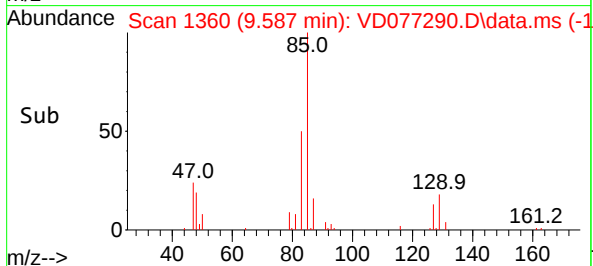
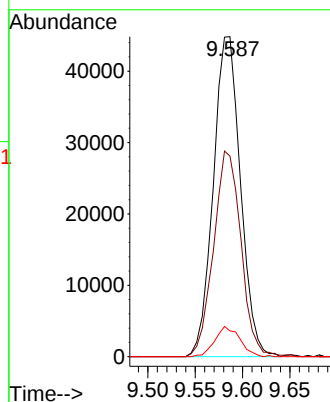
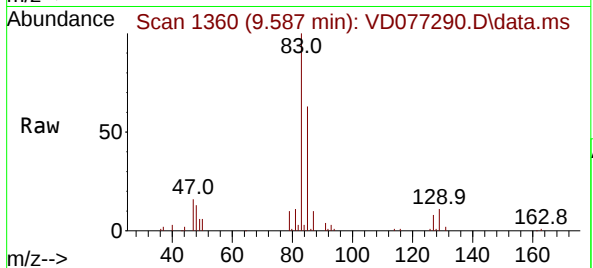
VSTDIC020

Tgt Ion:	83	Resp:	89590
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.2	75.4
127	8.0	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#48

Methyl methacrylate

Concen: 18.258 ug/l

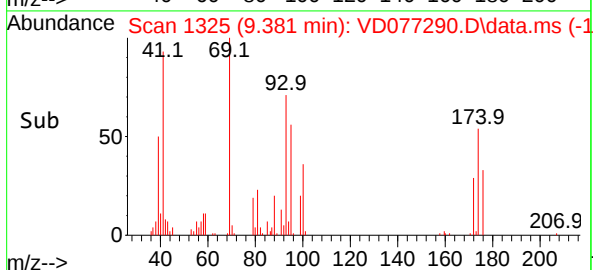
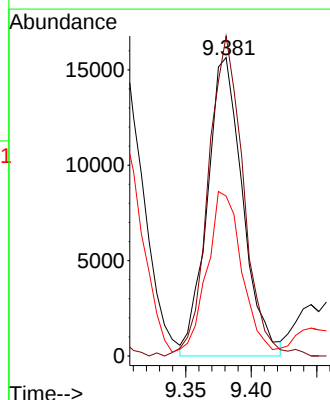
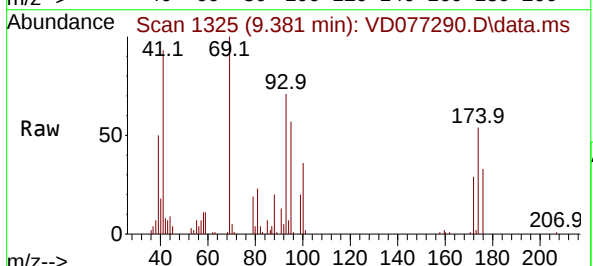
RT: 9.381 min Scan# 1325

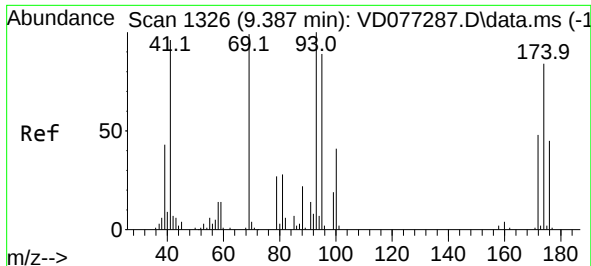
Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:	41	Resp:	29505
Ion	Ratio	Lower	Upper
41	100		
69	105.3	102.2	153.2
39	52.4	41.4	62.2





#49

1,4-Dioxane

Concen: 361.514 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 7450

Ion Ratio Lower Upper

88 100

43 29.1 19.0 28.6

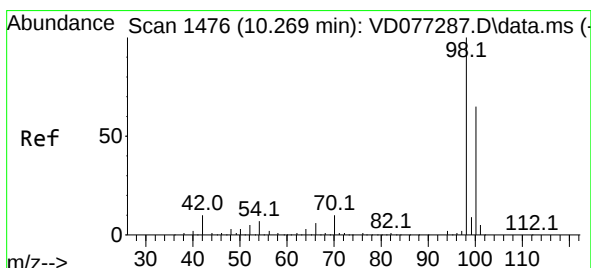
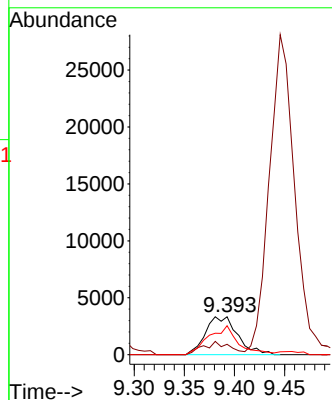
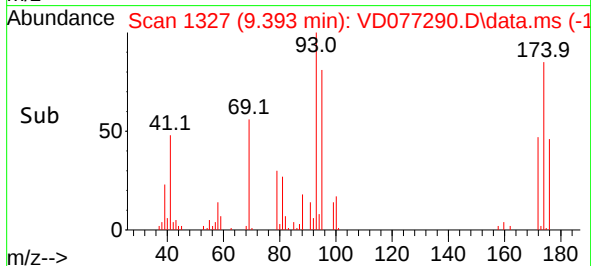
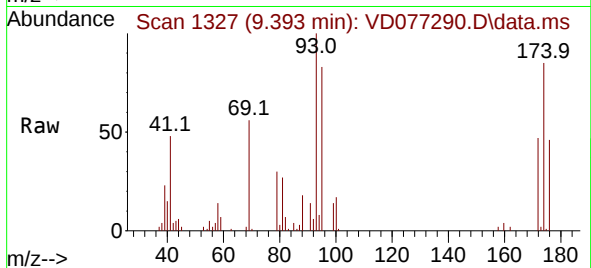
58 70.0 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#50

Toluene-d8

Concen: 17.708 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077290.D

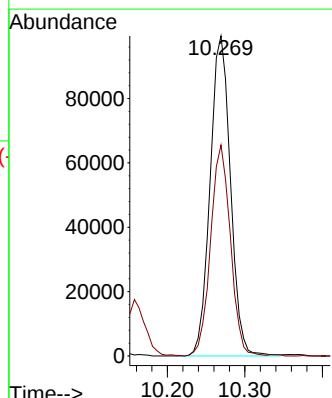
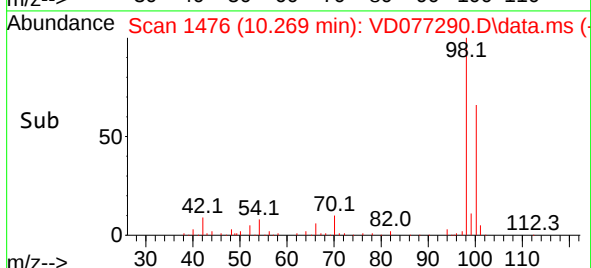
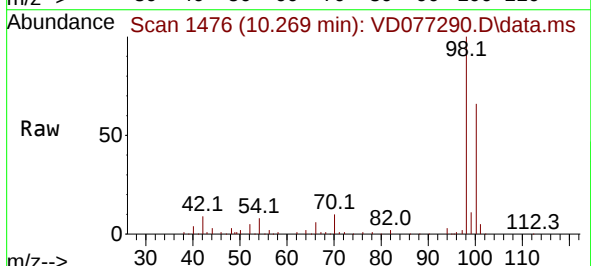
Acq: 06 Oct 2023 16:43

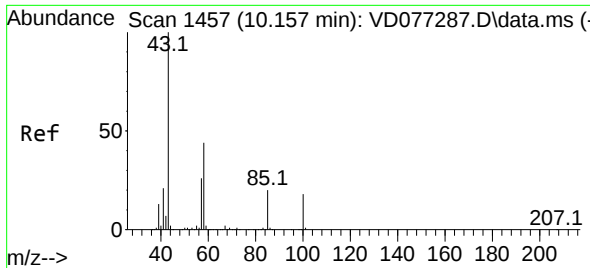
Tgt Ion: 98 Resp: 181369

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5





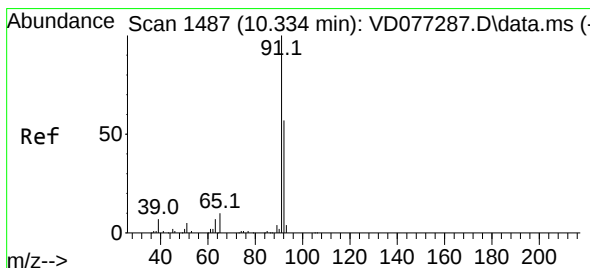
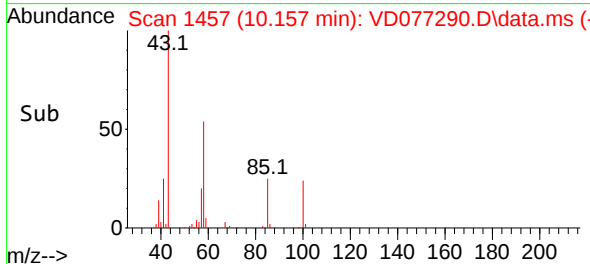
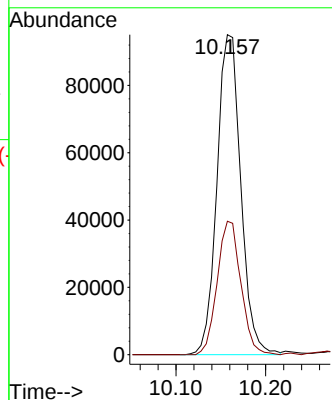
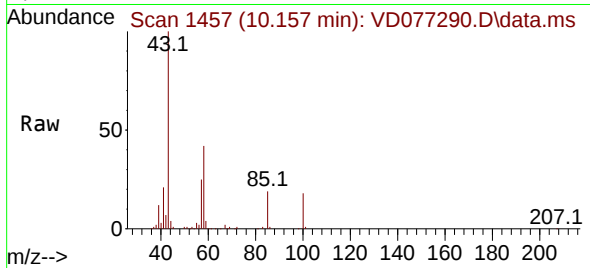
#51
4-Methyl-2-Pentanone
Concen: 95.486 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 17564
Ion Ratio Lower Upper
43 100
58 41.3 38.9 58.3

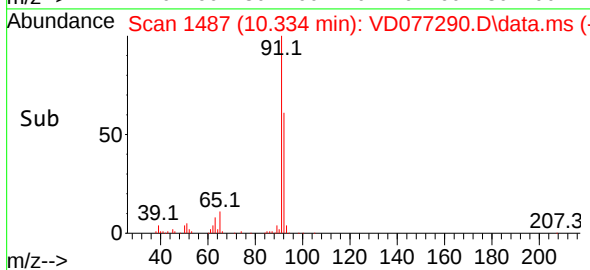
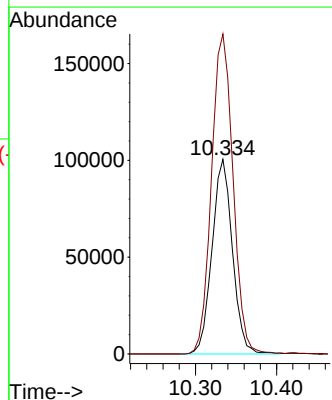
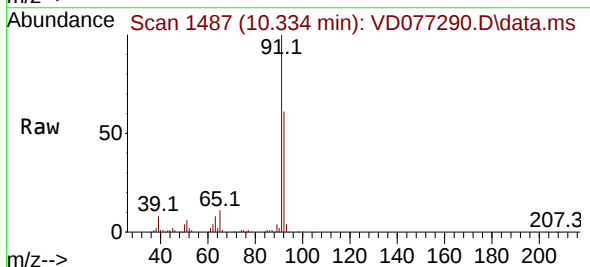
Manual Integrations
APPROVED

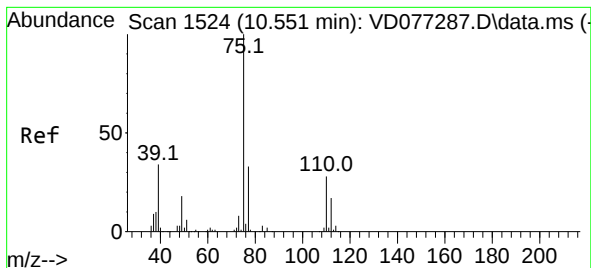
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#52
Toluene
Concen: 19.485 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 92 Resp: 175782
Ion Ratio Lower Upper
92 100
91 173.3 143.0 214.4





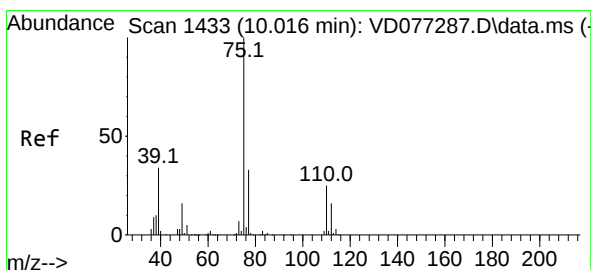
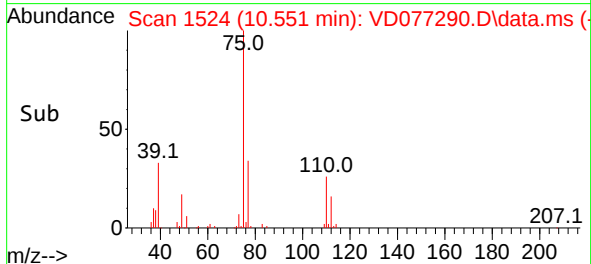
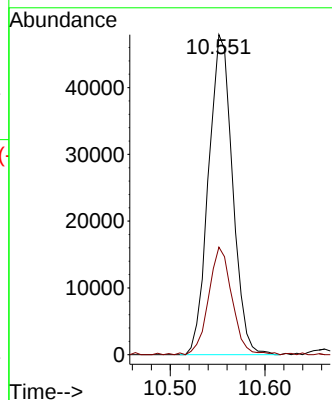
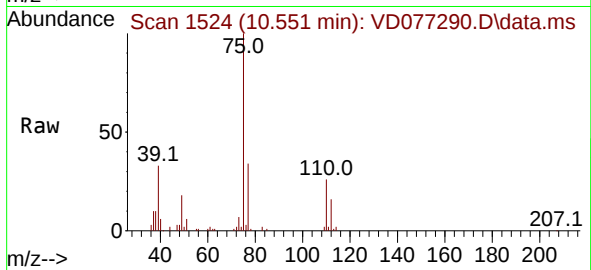
#53
 t-1,3-Dichloropropene
 Concen: 18.883 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 8456
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.3 37.9

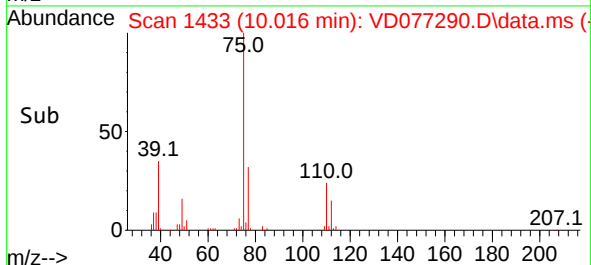
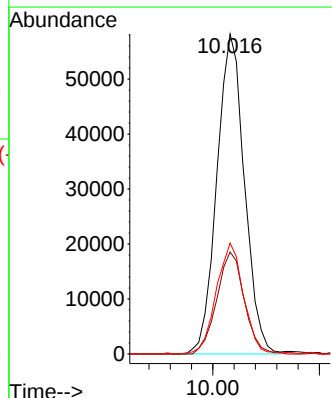
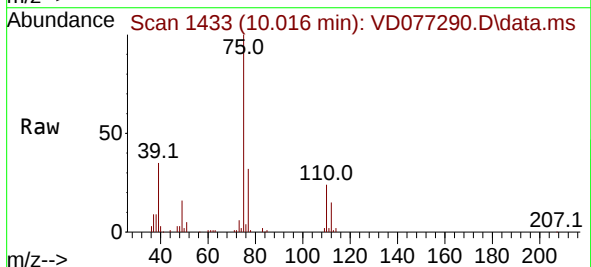
Manual Integrations
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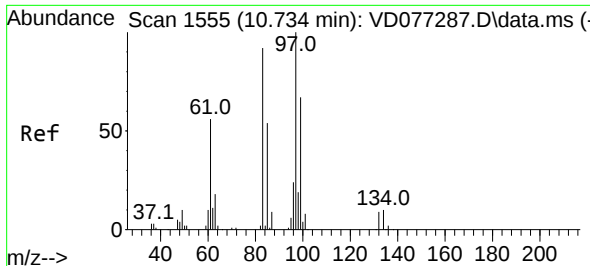
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.036 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

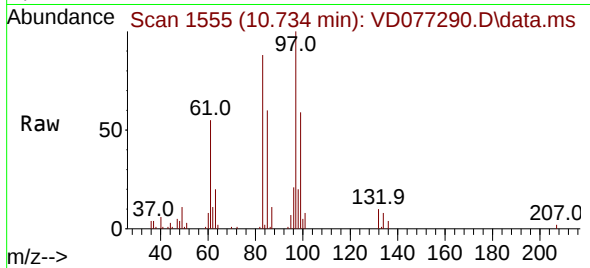
Tgt Ion: 75 Resp: 104465
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3
 39 34.7 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 18.322 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

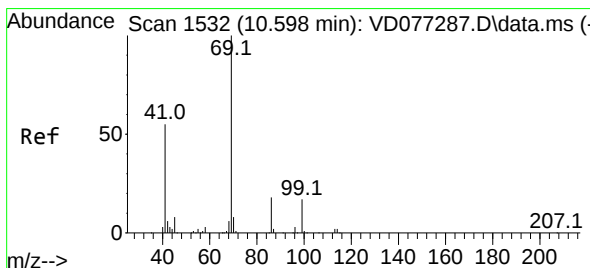
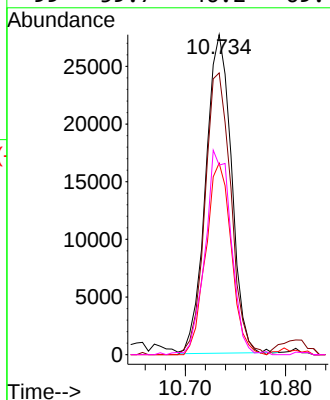
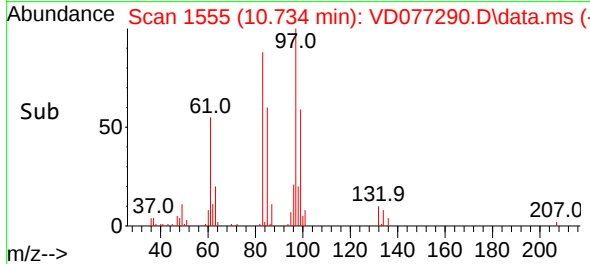
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



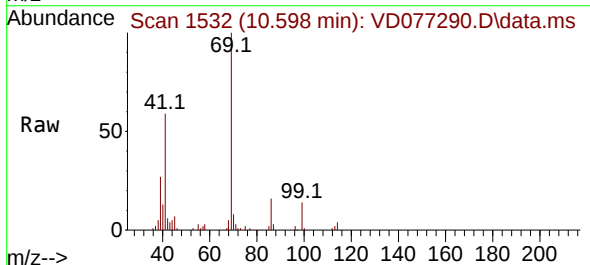
Tgt Ion:	97	Resp:	4926
Ion Ratio	100	Lower	Upper
97	100		
83	88.7	65.8	98.6
85	60.3	45.7	68.5
99	59.7	46.2	69.4

Manual Integrations
APPROVED

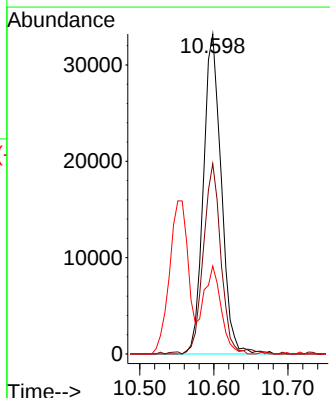
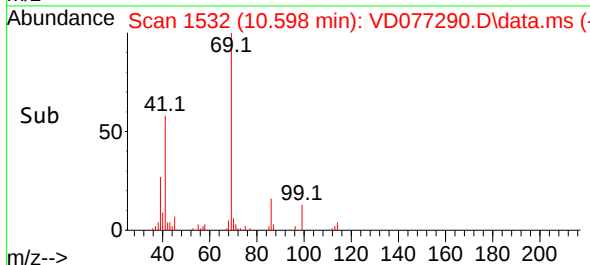
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

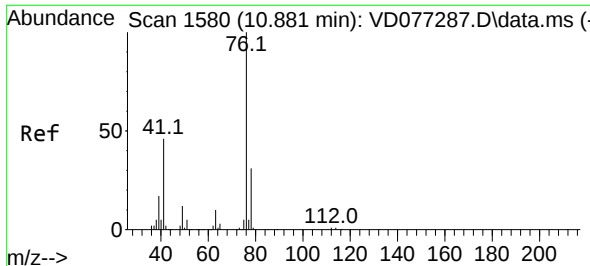


#56
Ethyl methacrylate
Concen: 18.393 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



Tgt Ion:	69	Resp:	55552
Ion Ratio	100	Lower	Upper
69	100		
41	58.2	39.1	58.7
39	27.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.329 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 86380

Ion Ratio Lower Upper

76 100

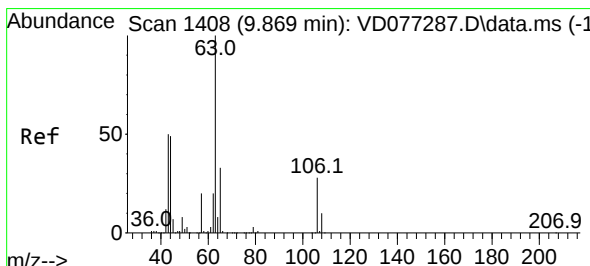
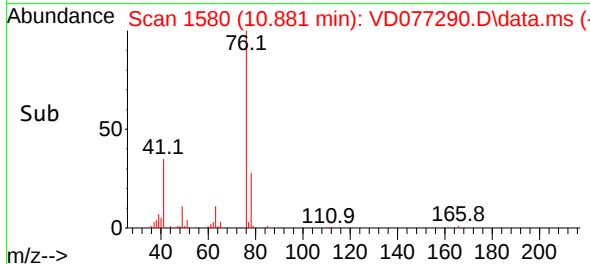
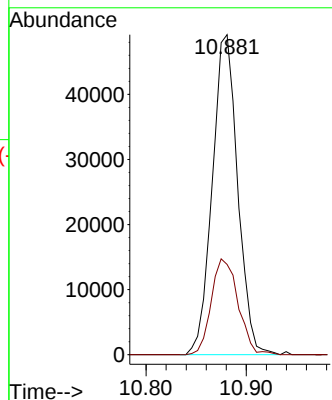
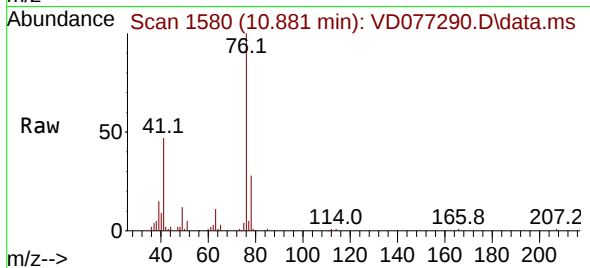
78 31.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.389 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077290.D

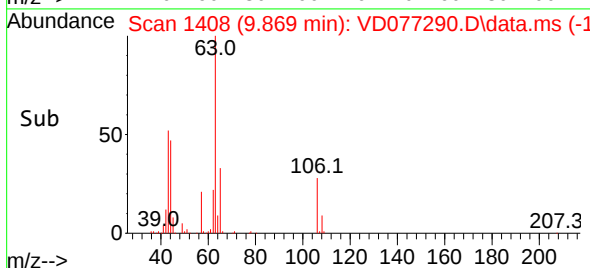
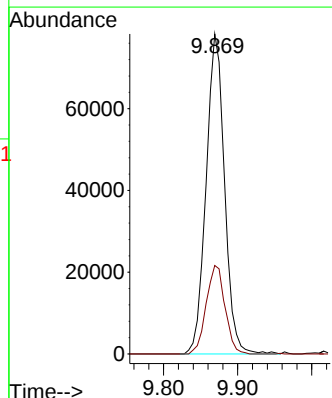
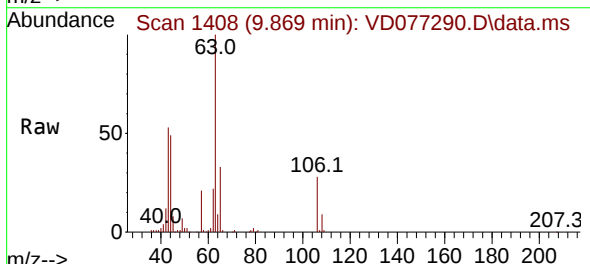
Acq: 06 Oct 2023 16:43

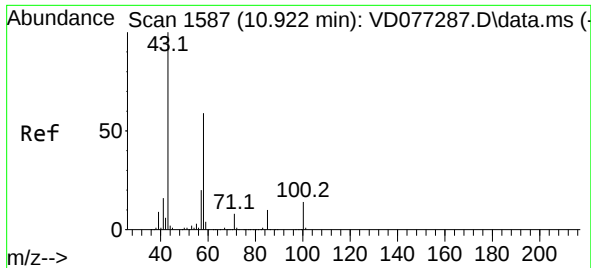
Tgt Ion: 63 Resp: 135287

Ion Ratio Lower Upper

63 100

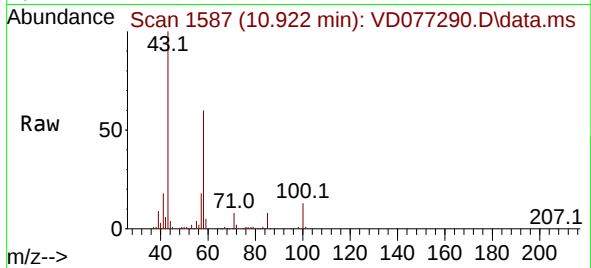
106 28.1 25.3 37.9





#59
2-Hexanone
Concen: 95.479 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

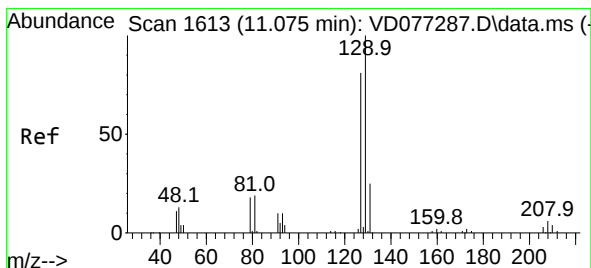
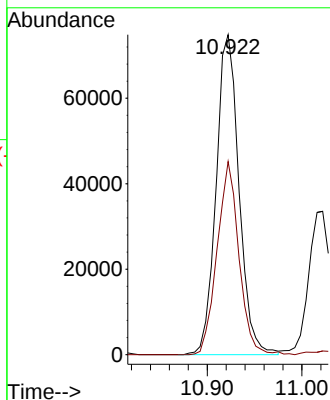
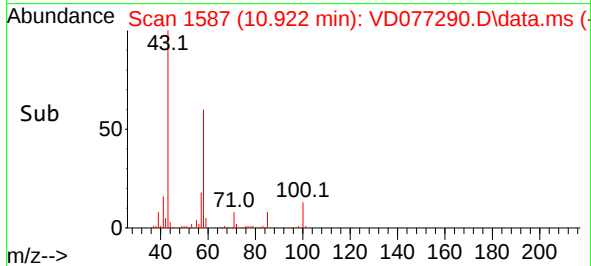
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 125702
Ion Ratio Lower Upper
43 100
58 57.6 34.1 102.2

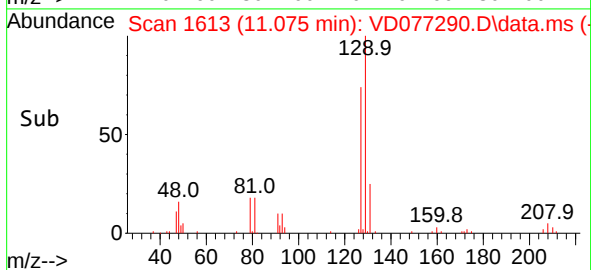
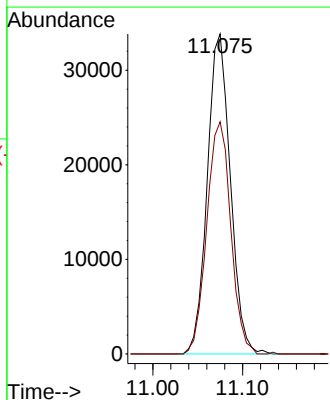
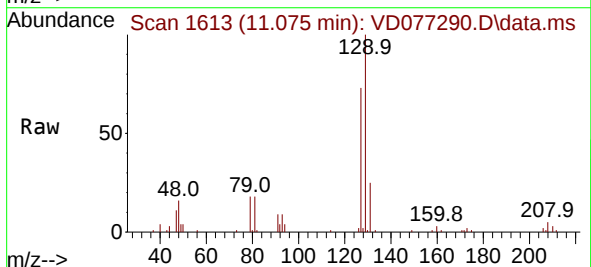
Manual Integrations
APPROVED

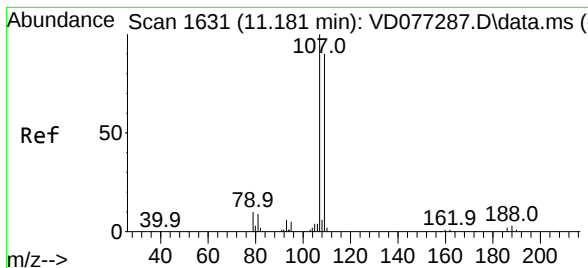
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#60
Dibromochloromethane
Concen: 19.339 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion:129 Resp: 60394
Ion Ratio Lower Upper
129 100
127 75.4 37.1 111.5





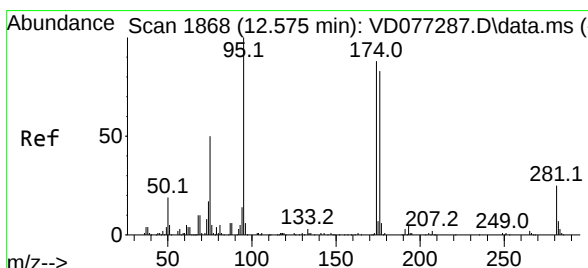
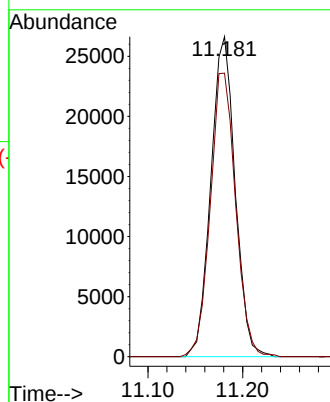
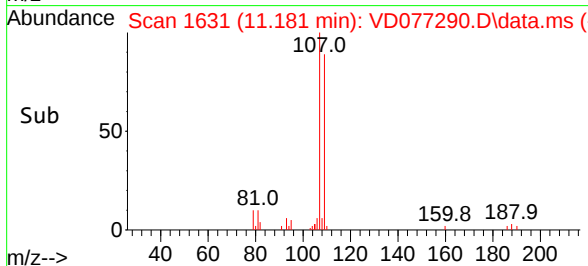
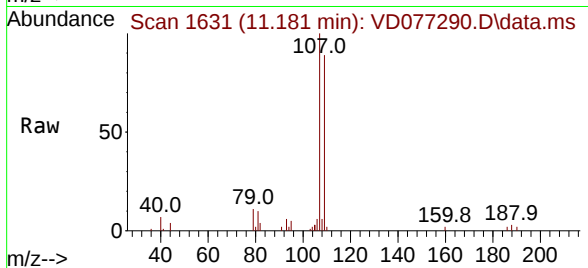
#61
1,2-Dibromoethane
Concen: 18.989 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 47472
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4

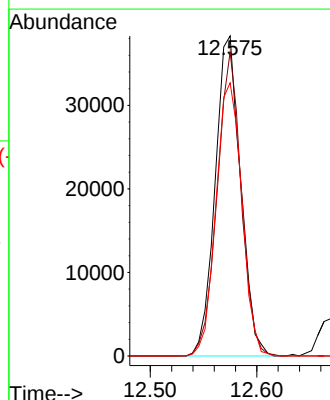
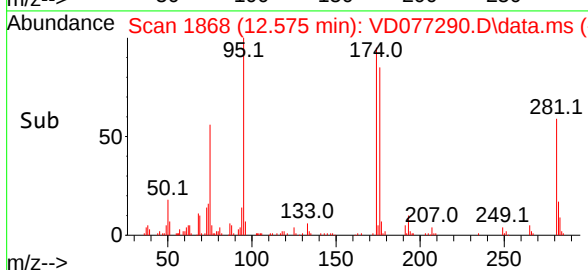
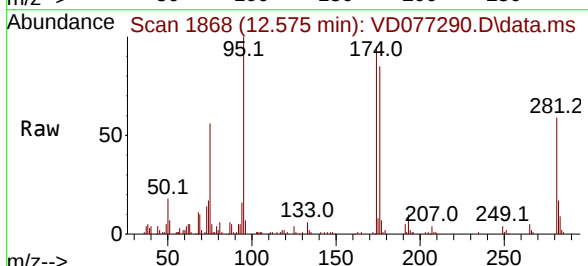
Manual Integrations
APPROVED

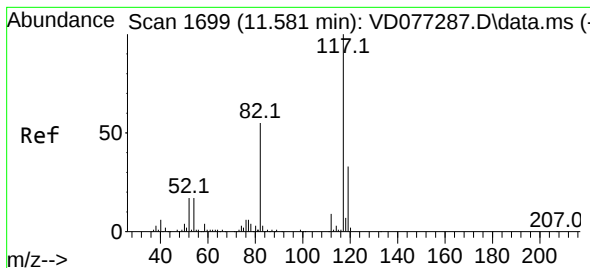
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#62
4-Bromofluorobenzene
Concen: 19.498 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

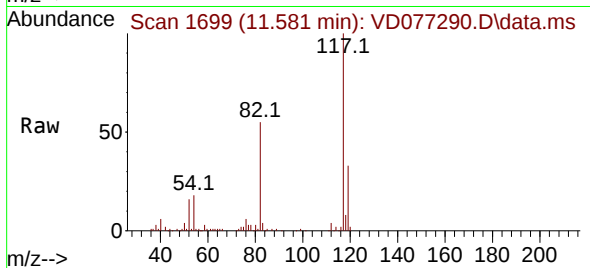
Tgt Ion: 95 Resp: 63506
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 86.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

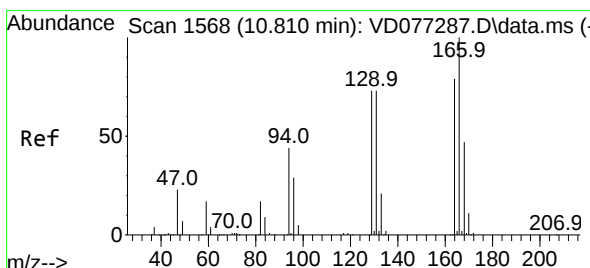
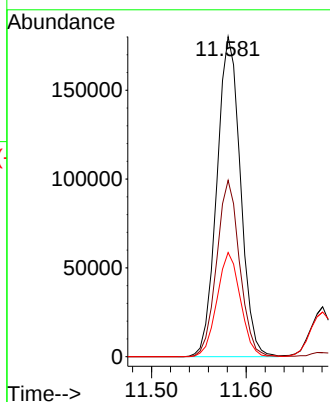
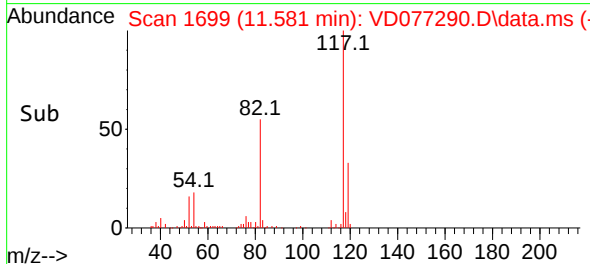
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



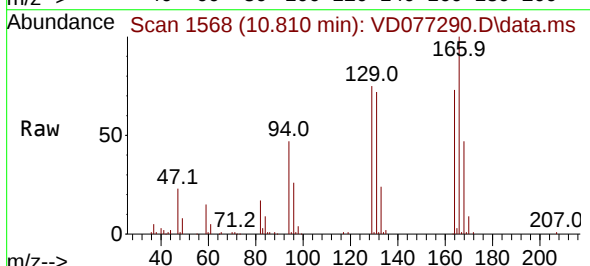
Tgt Ion:117 Resp: 31209
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 32.6 25.0 37.4

Manual Integrations
APPROVED

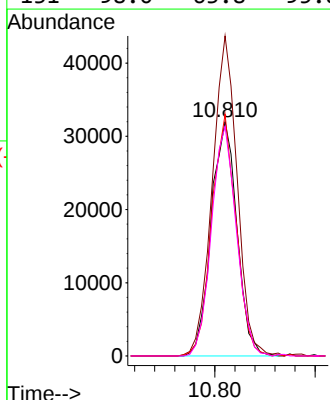
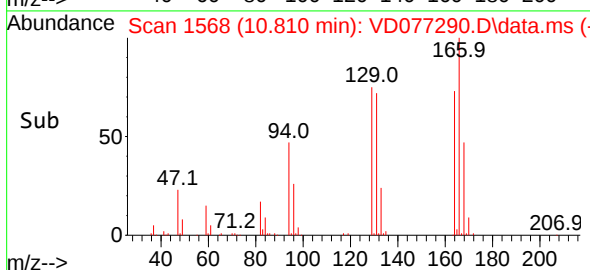
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

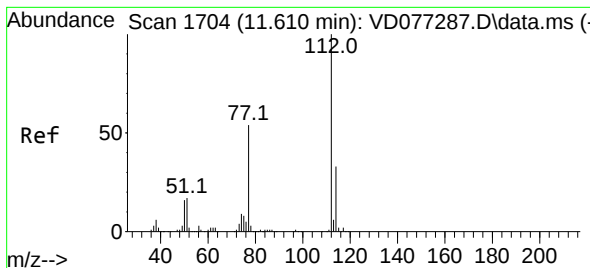


#64
Tetrachloroethene
Concen: 19.147 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



Tgt Ion:164 Resp: 57034
Ion Ratio Lower Upper
164 100
166 136.6 99.2 148.8
129 103.2 68.4 102.6#
131 98.0 63.8 95.8#





#65

Chlorobenzene

Concen: 19.830 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 185324

Ion Ratio Lower Upper

112 100

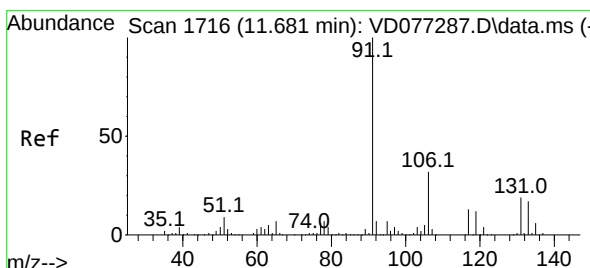
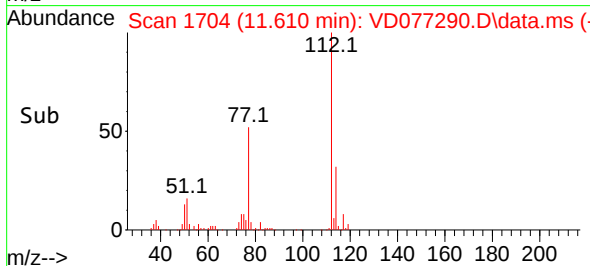
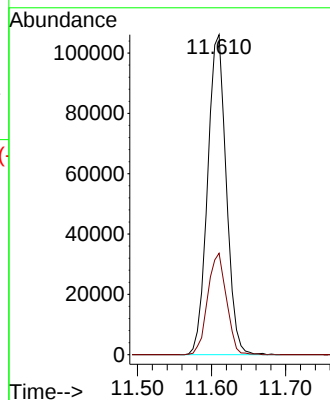
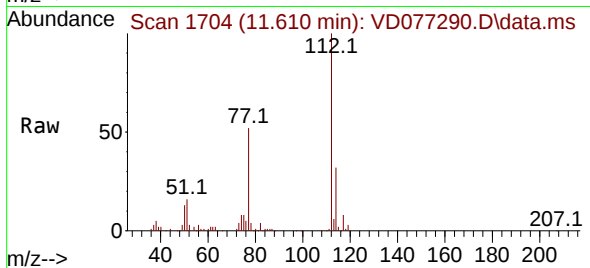
114 31.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 18.976 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

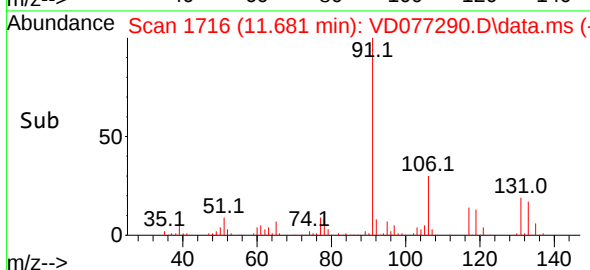
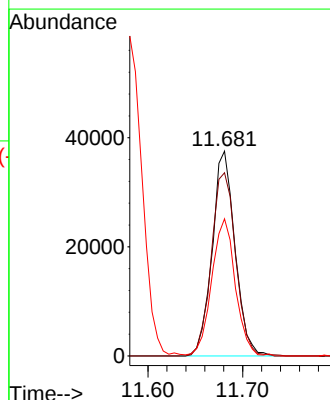
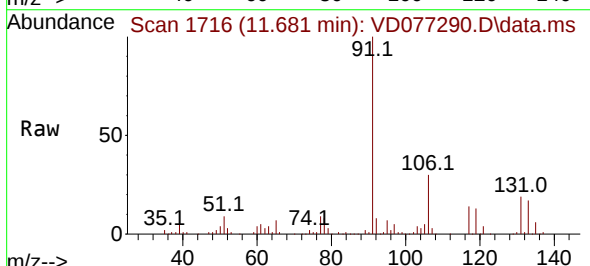
Tgt Ion:131 Resp: 62871

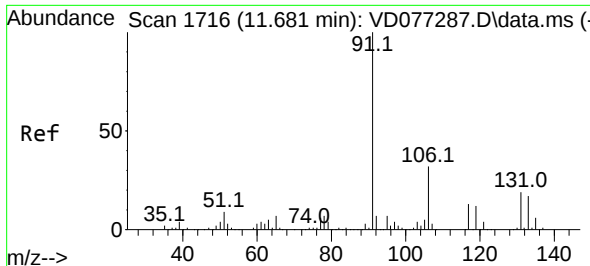
Ion Ratio Lower Upper

131 100

133 95.5 48.5 145.5

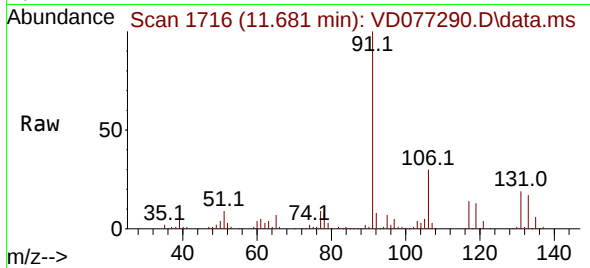
119 69.2 35.6 106.9





#67
Ethyl Benzene
Concen: 19.377 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

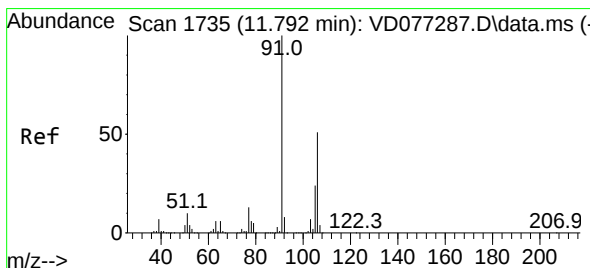
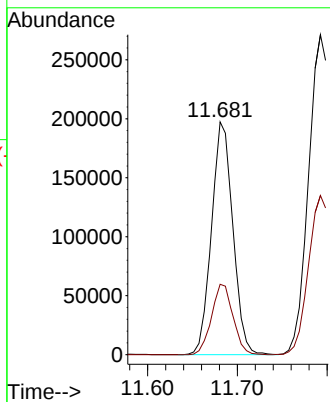
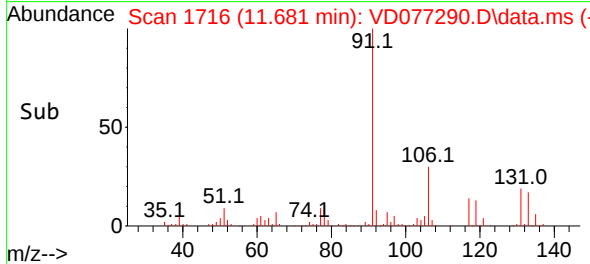
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



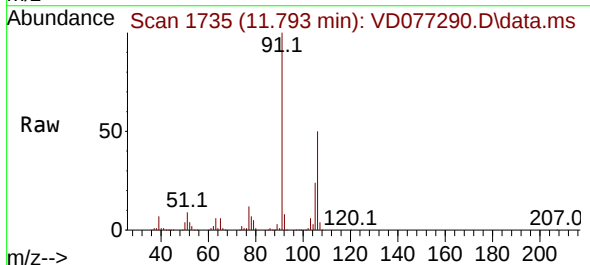
Tgt Ion: 91 Resp: 32626
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7

Manual Integrations
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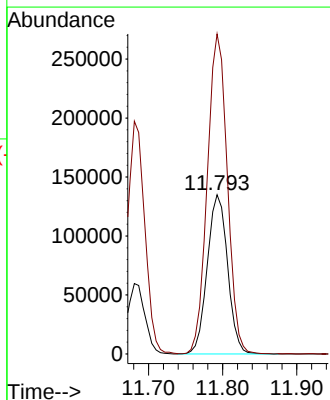
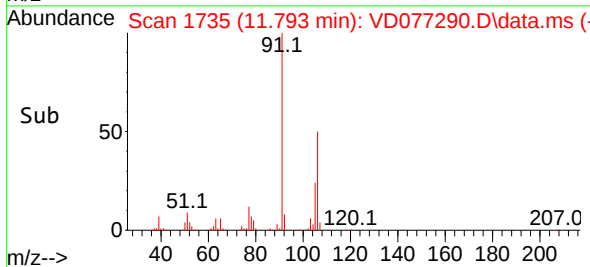
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

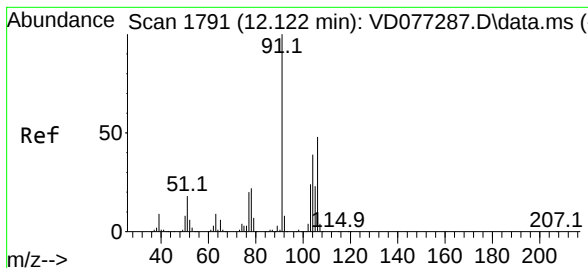


#68
m/p-Xylenes
Concen: 39.343 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



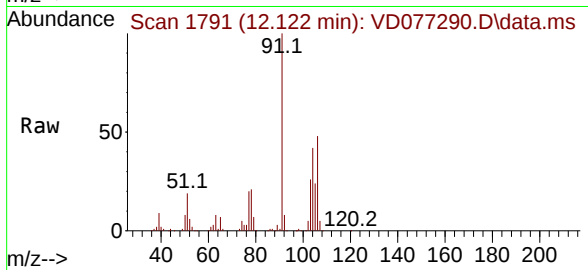
Tgt Ion:106 Resp: 257101
Ion Ratio Lower Upper
106 100
91 198.1 147.0 220.6





#69
o-Xylene
Concen: 19.348 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

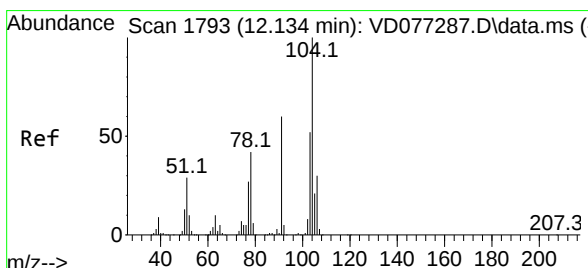
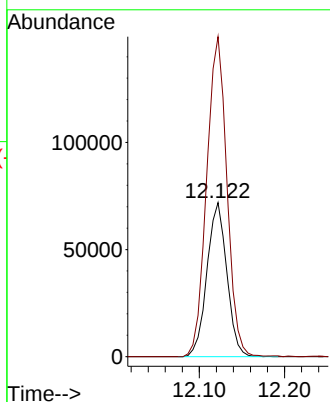
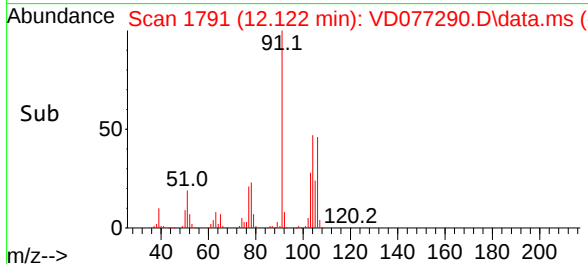
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 11640
Ion Ratio Lower Upper
106 100
91 212.1 97.9 293.6

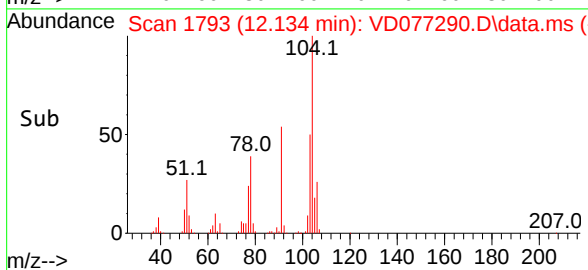
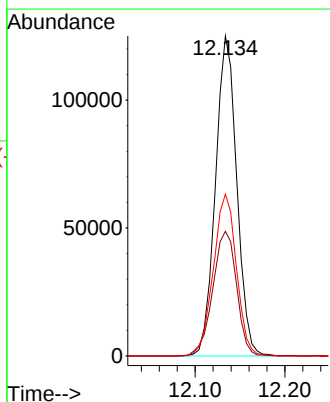
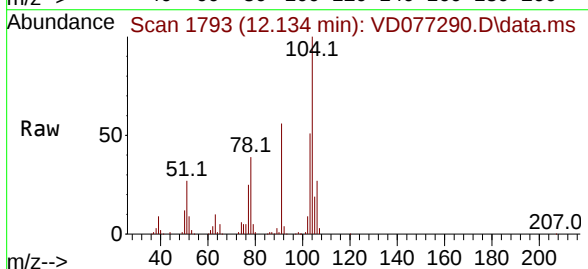
Manual Integrations
APPROVED

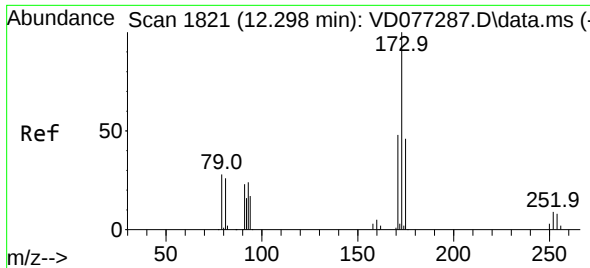
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#70
Styrene
Concen: 19.905 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

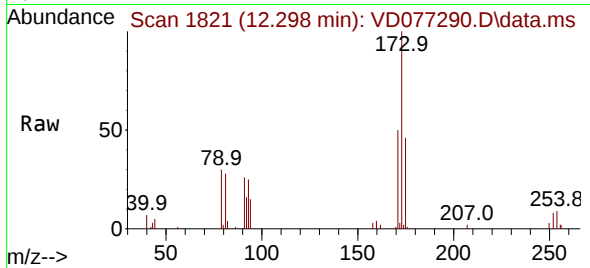
Tgt Ion:104 Resp: 206028
Ion Ratio Lower Upper
104 100
78 43.5 33.2 49.8
103 54.6 43.6 65.4





#71
Bromoform
Concen: 18.832 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

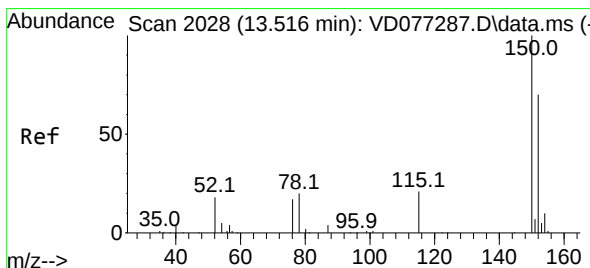
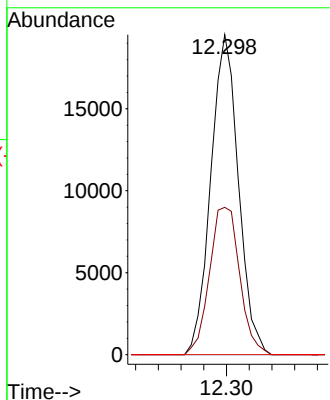
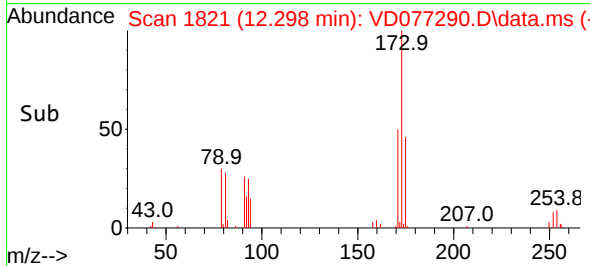
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



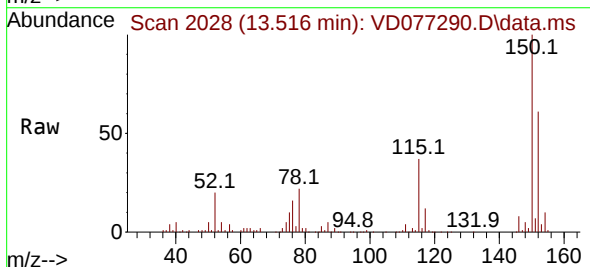
Tgt Ion:173 Resp: 32990
Ion Ratio Lower Upper
173 100
175 50.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

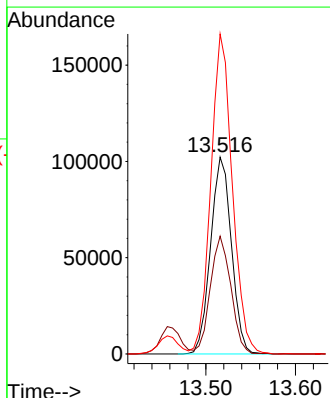
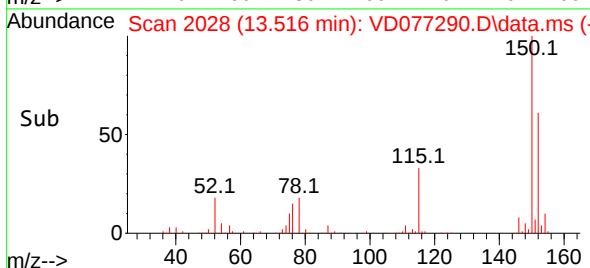
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

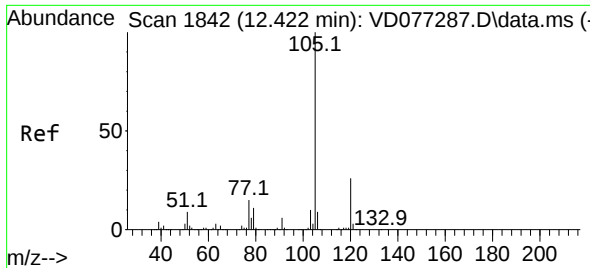


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



Tgt Ion:152 Resp: 165107
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 167.3 0.0 353.6





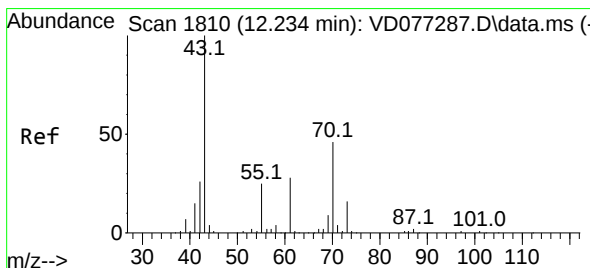
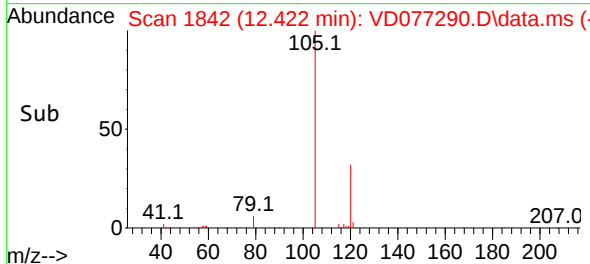
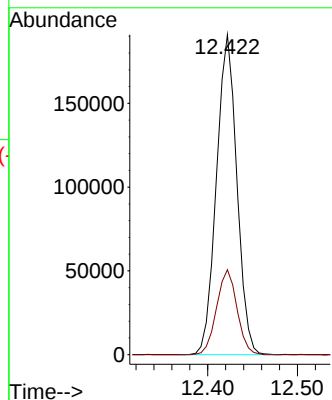
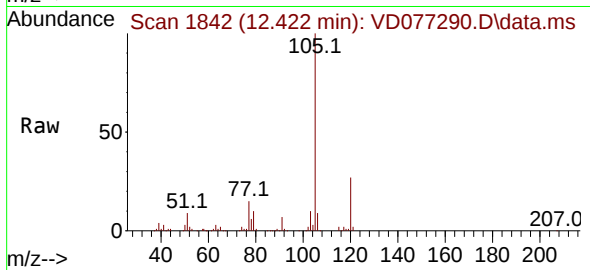
#73
Isopropylbenzene
Concen: 18.866 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 301460
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

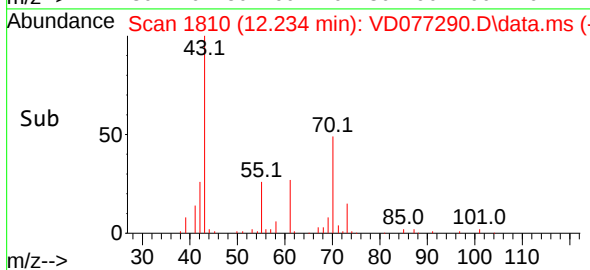
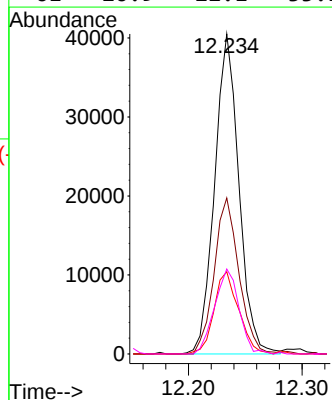
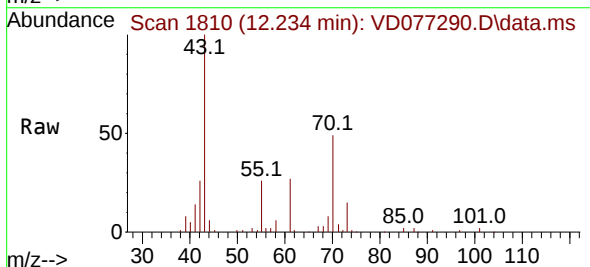
Manual Integrations
APPROVED

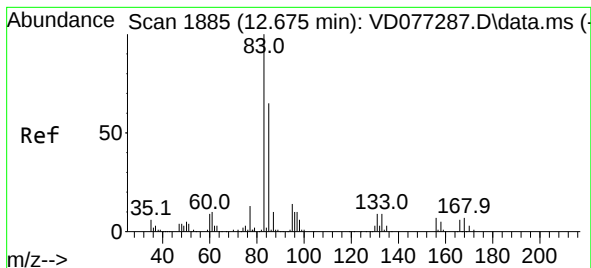
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#74
N-ethyl acetate
Concen: 18.333 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 43 Resp: 60196
Ion Ratio Lower Upper
43 100
70 50.0 45.0 67.4
55 26.1 23.8 35.6
61 26.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.611 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

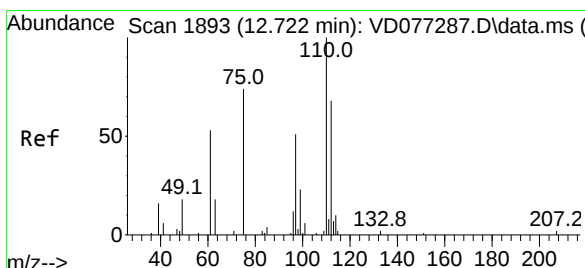
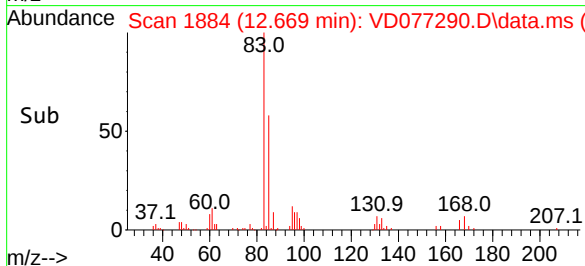
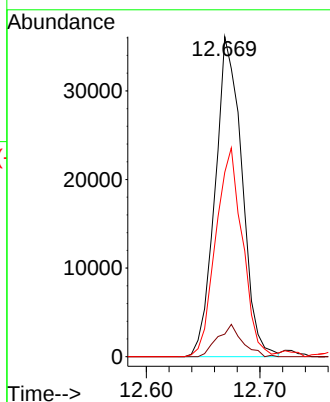
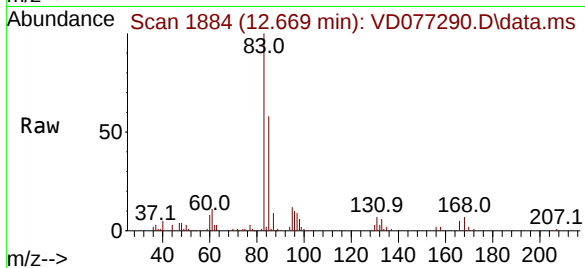
VSTDICC020

Tgt Ion: 83	Resp: 59230
Ion Ratio	Lower Upper
83 100	
131 9.2	5.1 15.3
85 65.5	32.6 97.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#76

1,2,3-Trichloropropane

Concen: 17.463 ug/l m

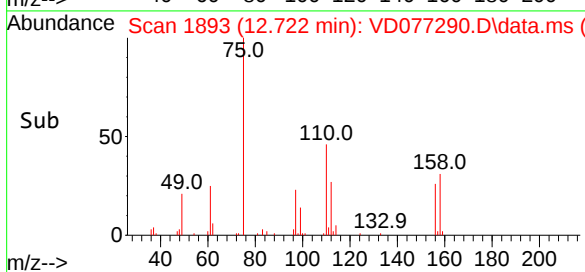
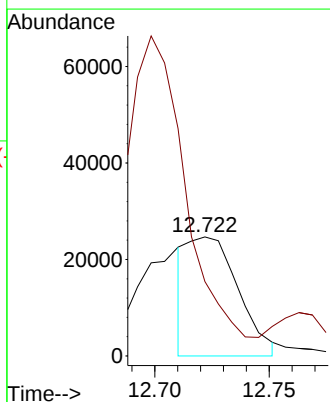
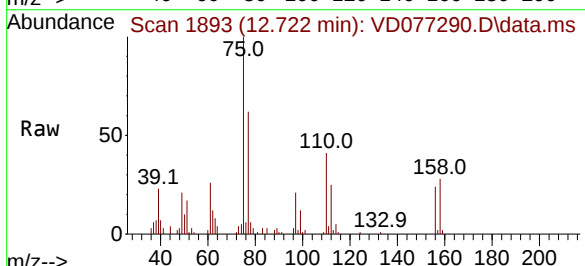
RT: 12.722 min Scan# 1893

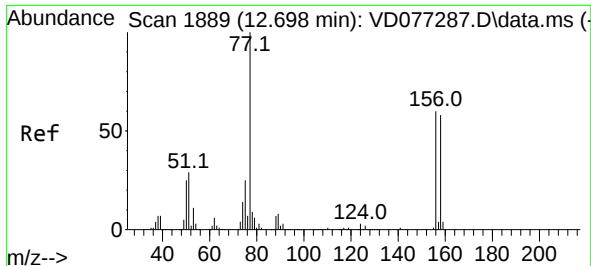
Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion: 75	Resp: 38009
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





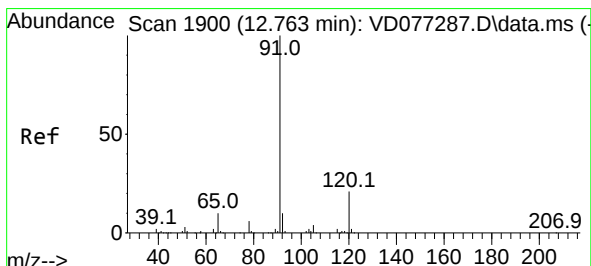
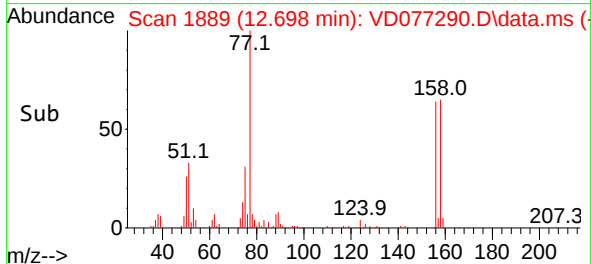
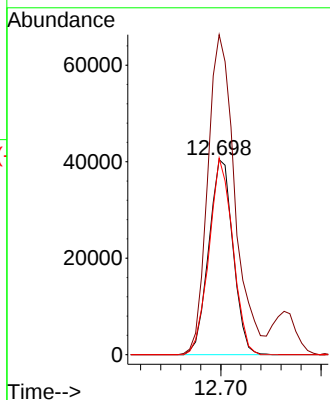
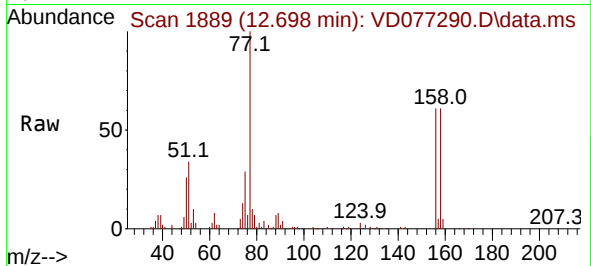
#77
Bromobenzene
Concen: 18.653 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 67880
Ion Ratio Lower Upper
156 100
77 184.8 76.8 230.4
158 98.6 48.6 145.9

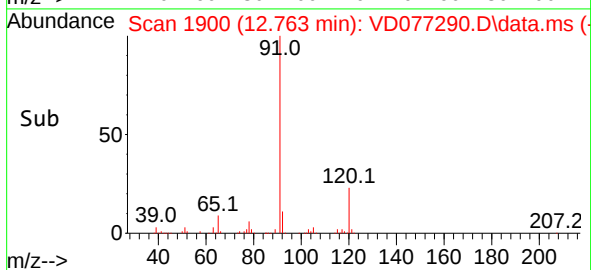
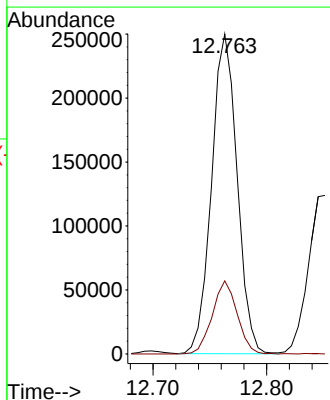
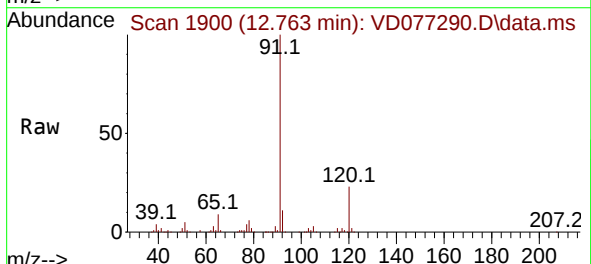
Manual Integrations
APPROVED

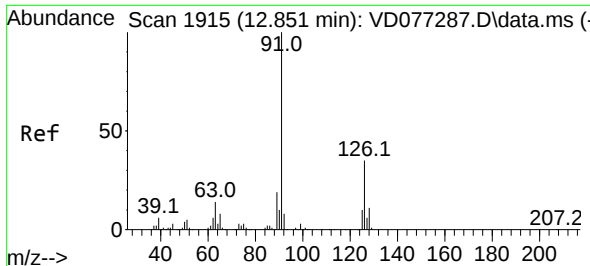
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#78
n-propylbenzene
Concen: 19.576 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 91 Resp: 390612
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2





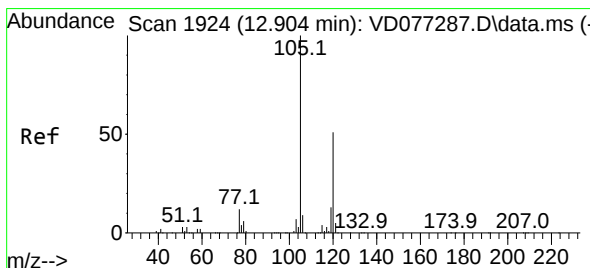
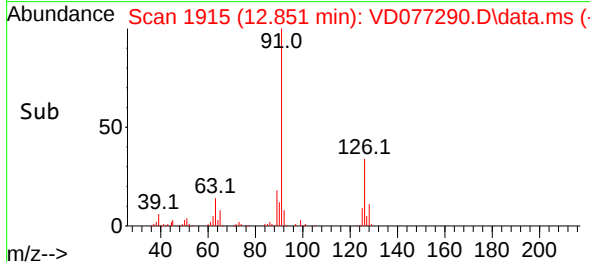
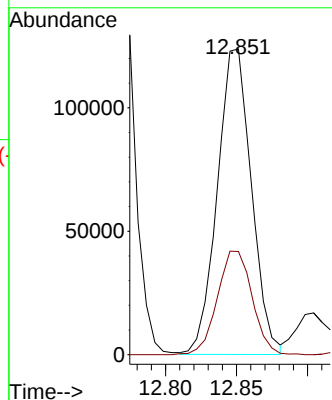
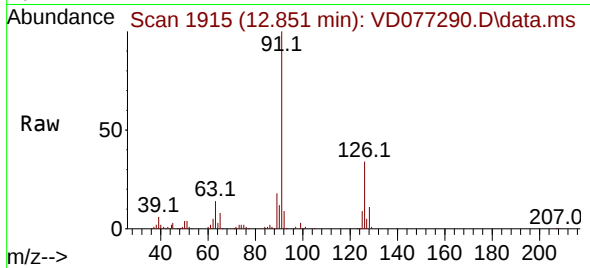
#79
2-Chlorotoluene
Concen: 19.246 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 20687
Ion Ratio Lower Upper
91 100
126 34.6 19.4 58.1

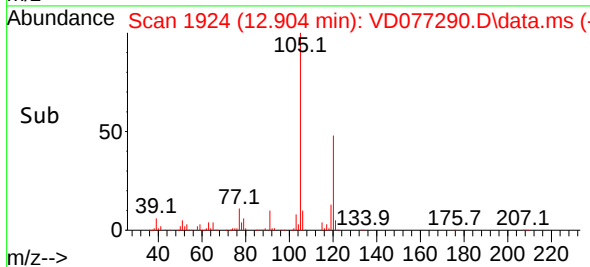
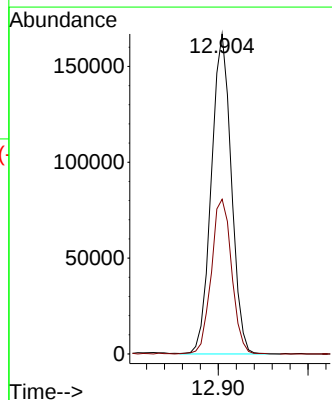
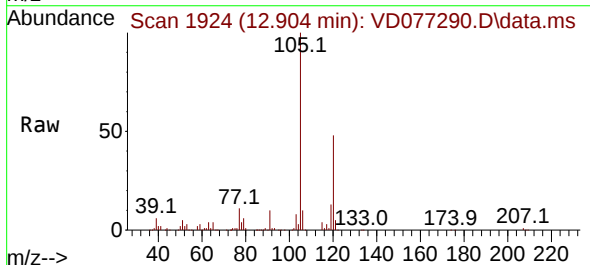
Manual Integrations
APPROVED

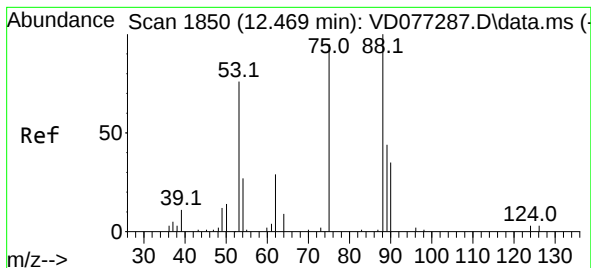
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.584 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

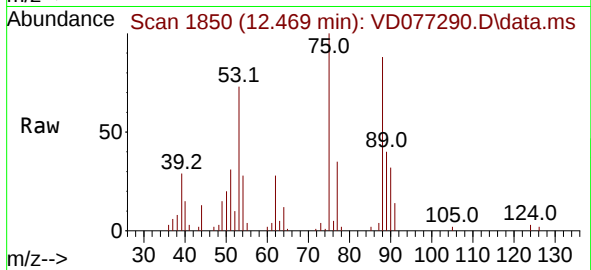
Tgt Ion:105 Resp: 257714
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.936 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

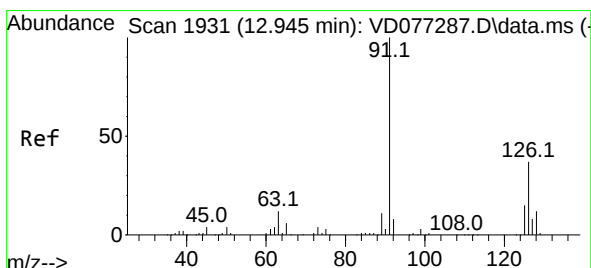
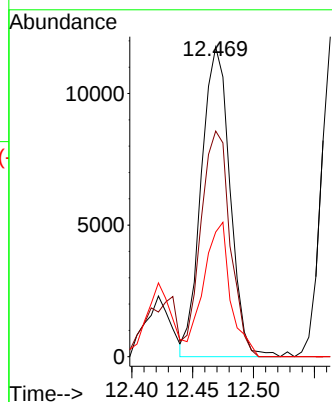
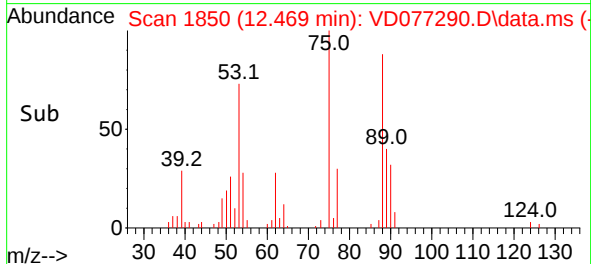
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



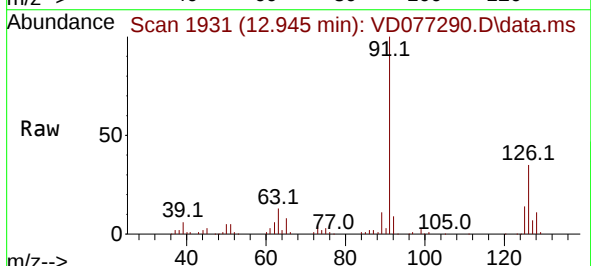
Tgt Ion: 75 Resp: 19250
Ion Ratio Lower Upper
75 100
53 74.6 63.0 94.4
89 40.4 37.9 56.9

Manual Integrations
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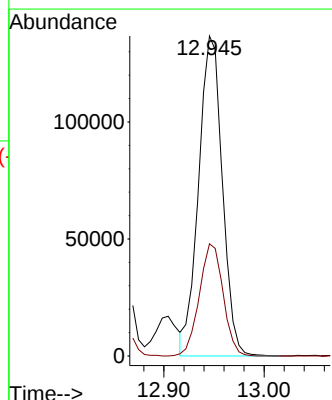
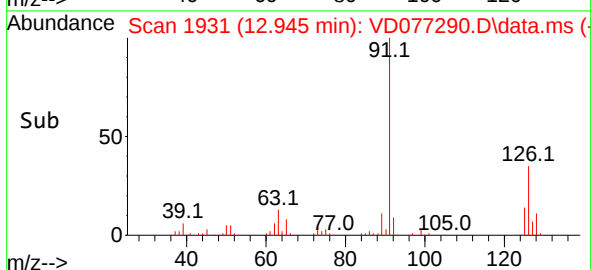
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

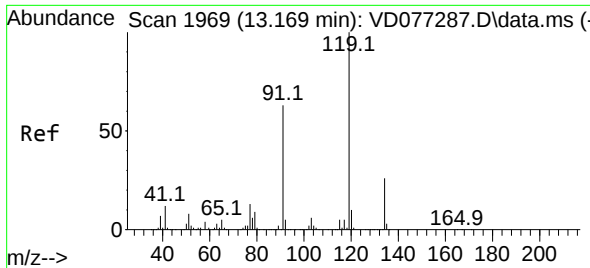


#82
4-Chlorotoluene
Concen: 19.777 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



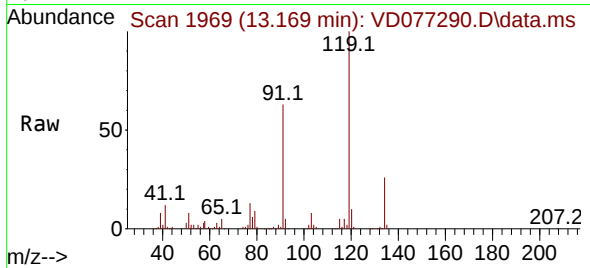
Tgt Ion: 91 Resp: 224960
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 18.948 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

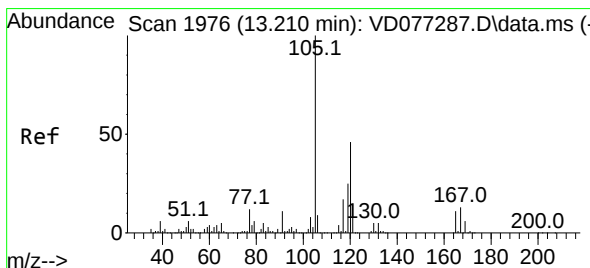
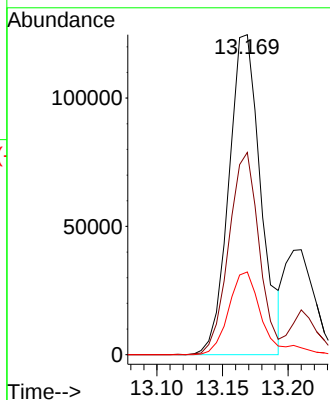
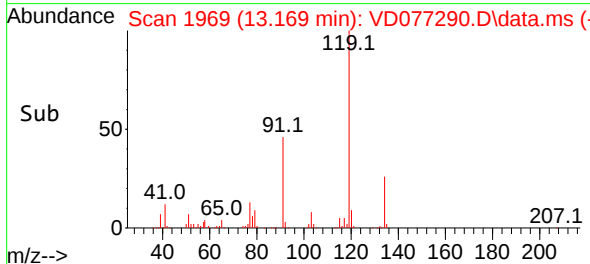
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



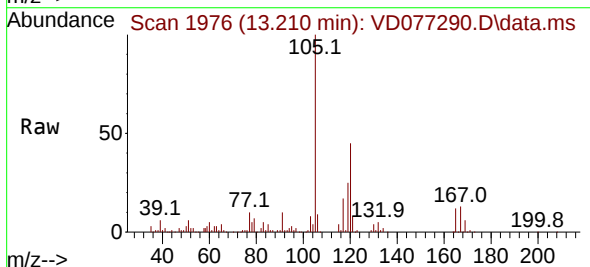
Tgt Ion:119 Resp: 211938
Ion Ratio Lower Upper
119 100
91 60.0 29.3 87.8
134 27.1 14.1 42.3

Manual Integrations
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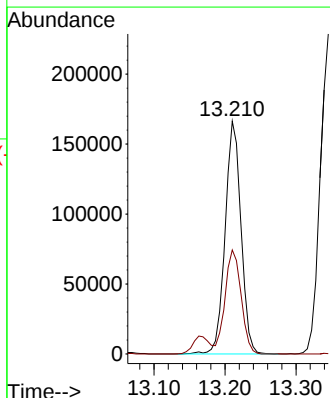
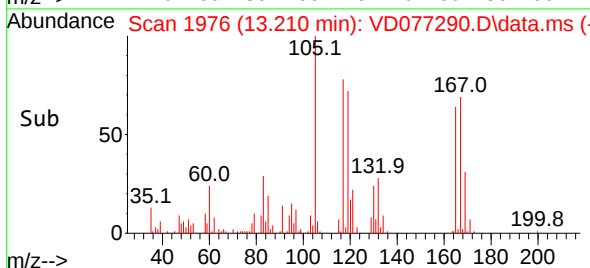
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

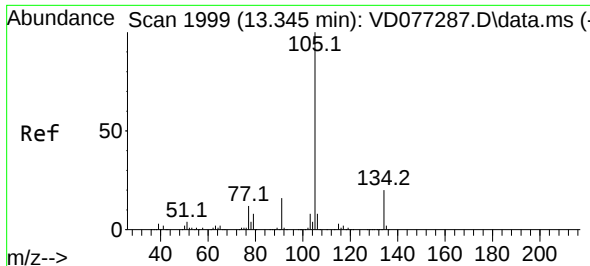


#84
1,2,4-Trimethylbenzene
Concen: 19.503 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



Tgt Ion:105 Resp: 257826
Ion Ratio Lower Upper
105 100
120 44.8 24.3 72.9





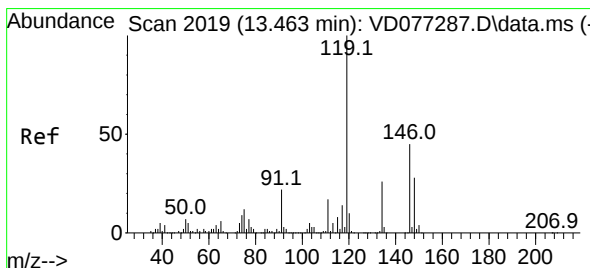
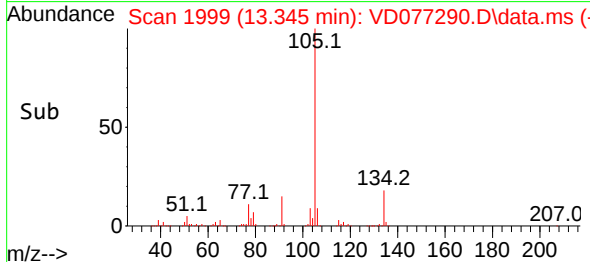
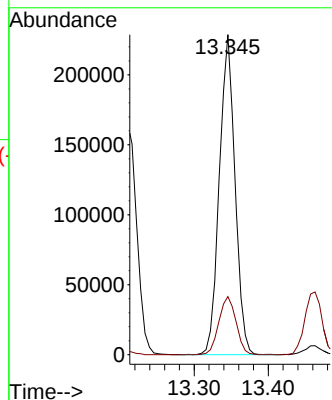
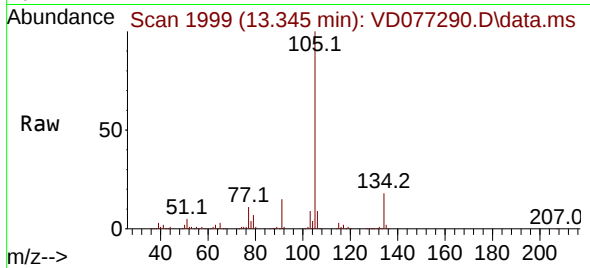
#85
 sec-Butylbenzene
 Concen: 19.451 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 335788
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9

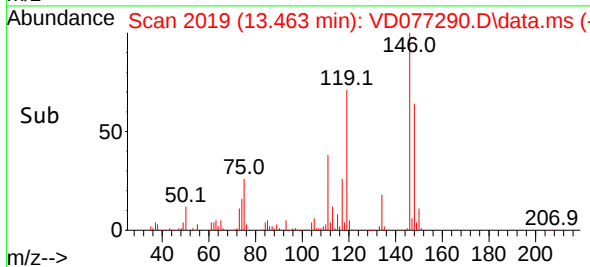
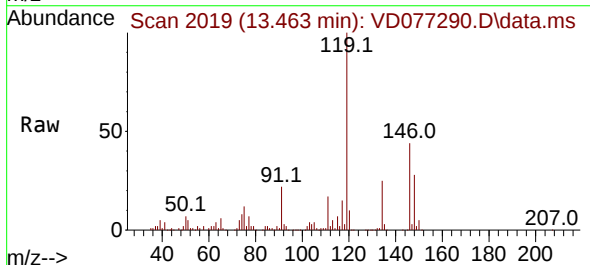
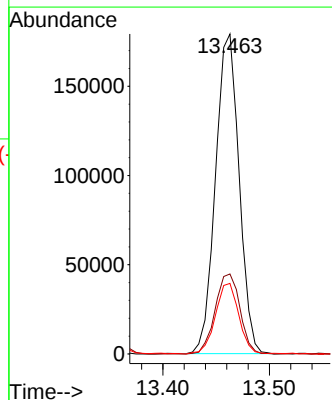
Manual Integrations
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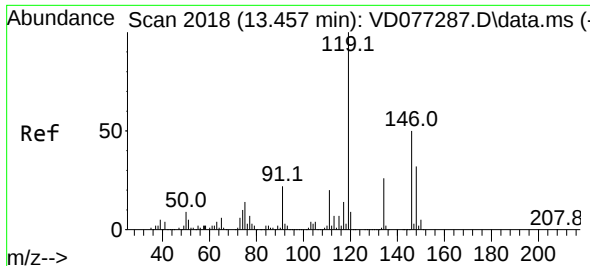
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023



#86
 p-Isopropyltoluene
 Concen: 19.258 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

Tgt Ion:119 Resp: 274766
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 22.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.565 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

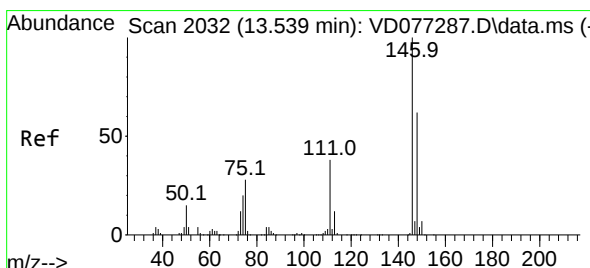
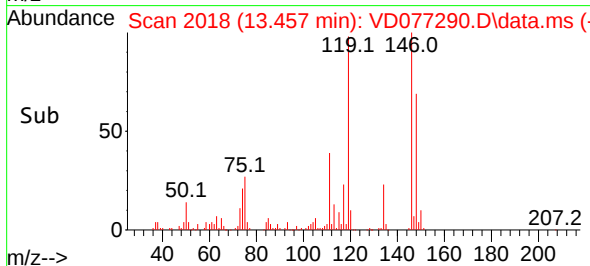
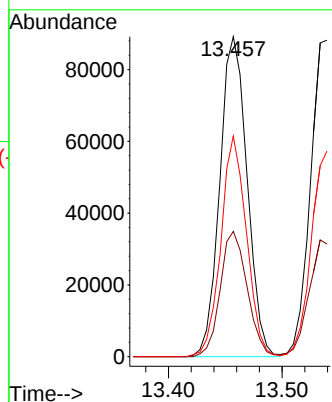
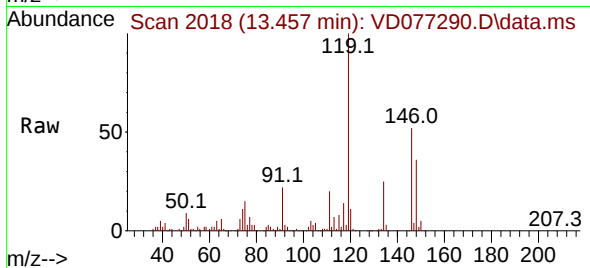
VSTDICC020

Tgt Ion:	146	Resp:	14910
Ion Ratio	Lower	Upper	
146	100		
111	38.5	17.9	53.8
148	64.6	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#88

1,4-Dichlorobenzene

Concen: 19.802 ug/l

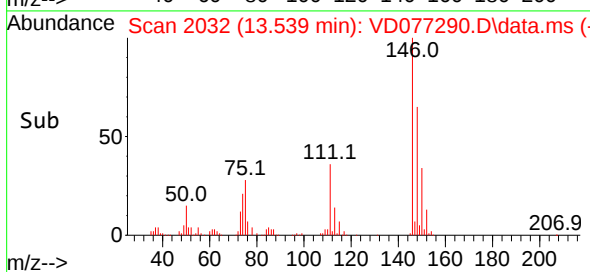
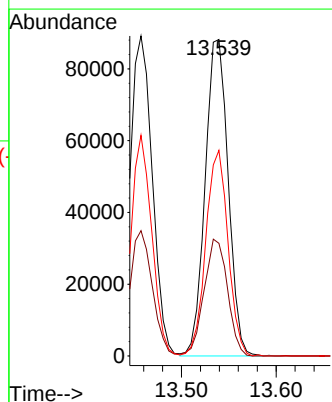
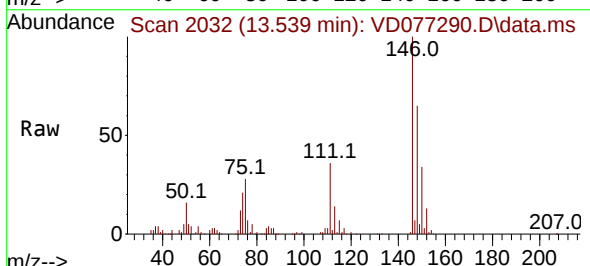
RT: 13.539 min Scan# 2032

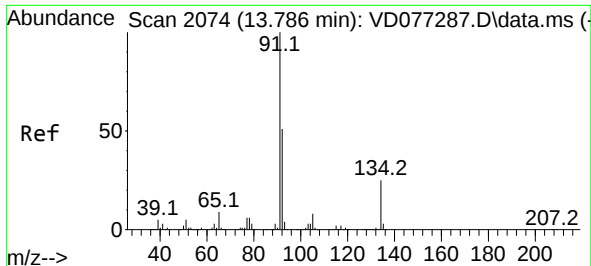
Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:	146	Resp:	148765
Ion Ratio	Lower	Upper	
146	100		
111	37.8	17.4	52.3
148	62.9	31.7	95.1





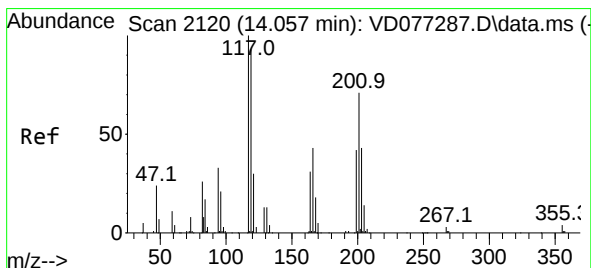
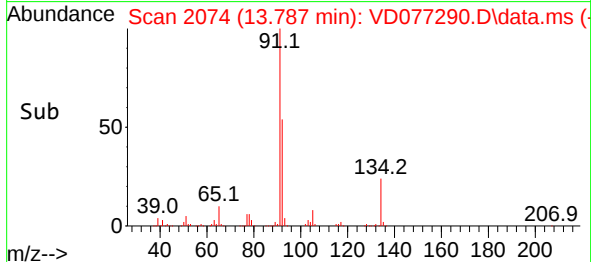
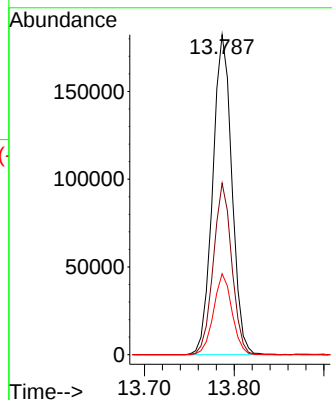
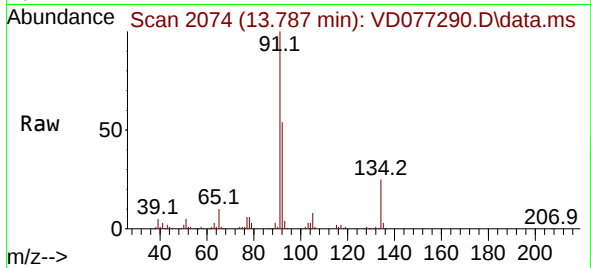
#89
n-Butylbenzene
Concen: 19.508 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 270310
Ion Ratio Lower Upper
91 100
92 51.6 26.5 79.5
134 24.4 13.8 41.3

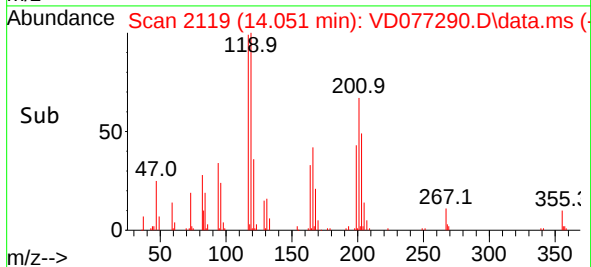
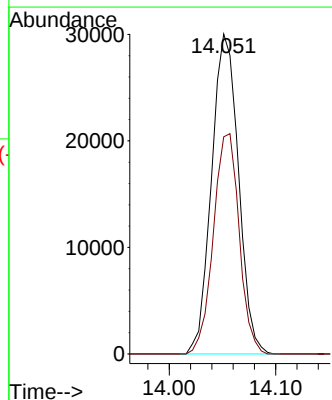
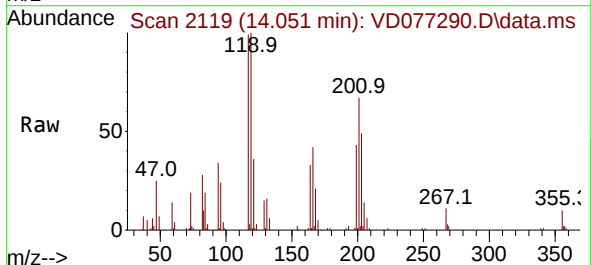
Manual Integrations
APPROVED

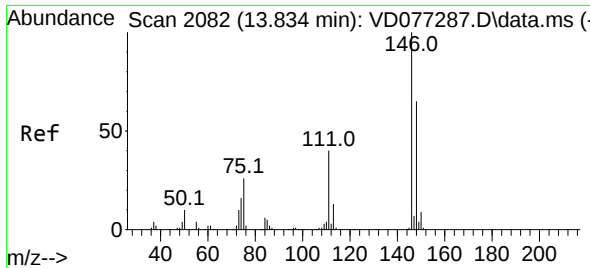
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#90
Hexachloroethane
Concen: 18.623 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion:117 Resp: 52701
Ion Ratio Lower Upper
117 100
201 66.0 38.5 115.5





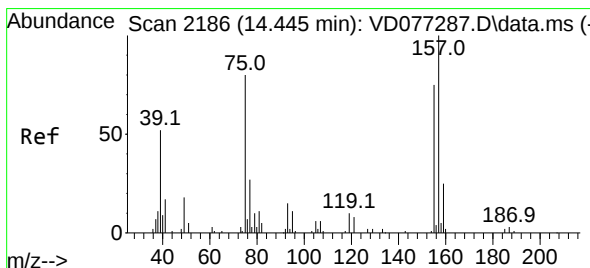
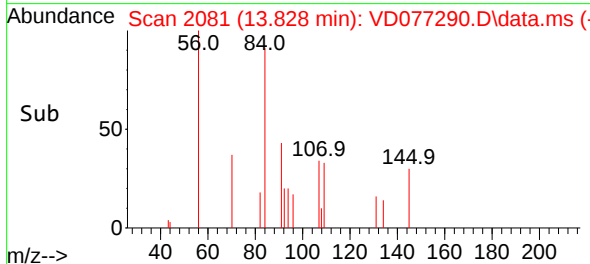
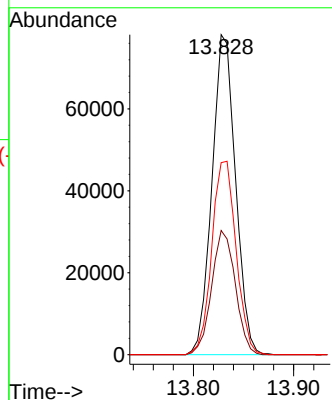
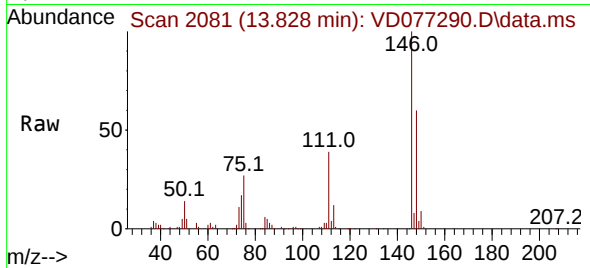
#91
1,2-Dichlorobenzene
Concen: 19.539 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 127654
Ion Ratio Lower Upper
146 100
111 39.0 18.3 54.8
148 62.4 31.6 94.7

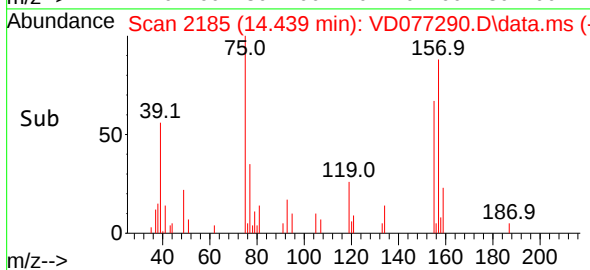
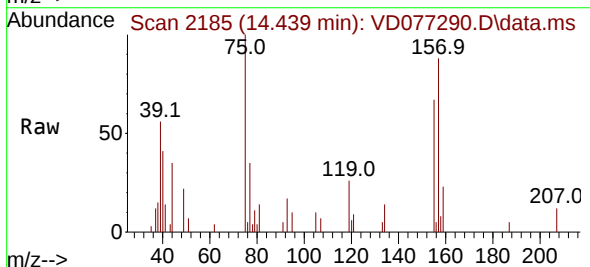
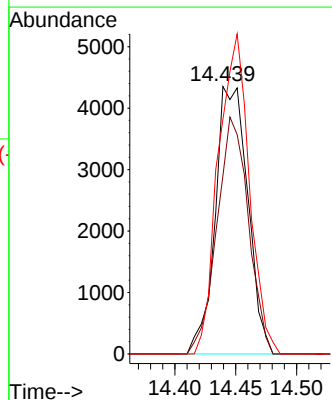
Manual Integrations
APPROVED

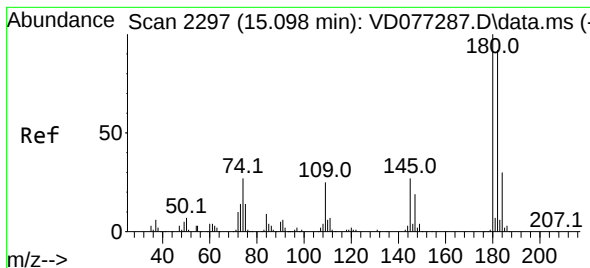
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.261 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 75 Resp: 8085
Ion Ratio Lower Upper
75 100
155 85.6 47.9 143.8
157 113.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.194 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

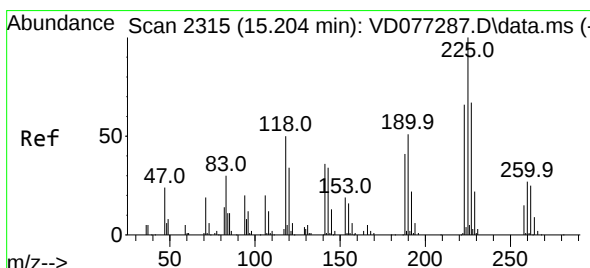
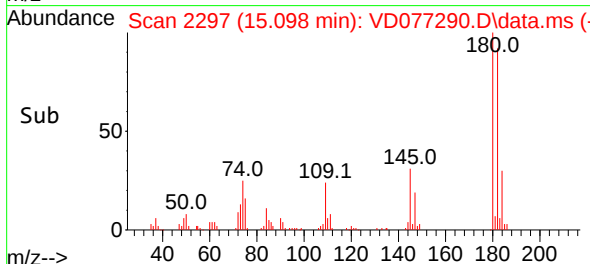
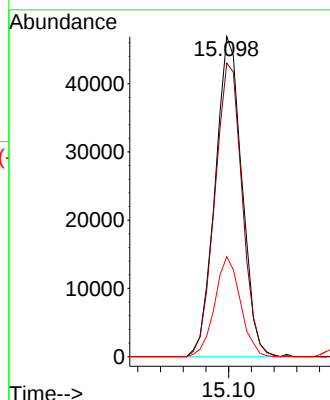
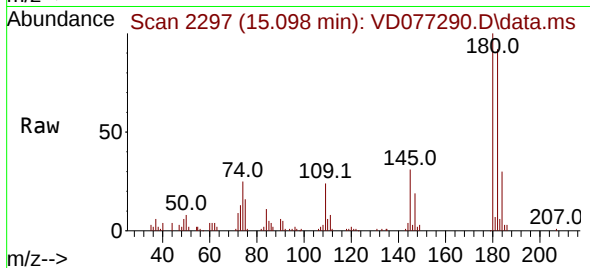
VSTDICC020

Tgt Ion:	180	Resp:	76550
Ion Ratio	Lower	Upper	
180	100		
182	93.8	48.5	145.6
145	30.0	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#94

Hexachlorobutadiene

Concen: 18.880 ug/l

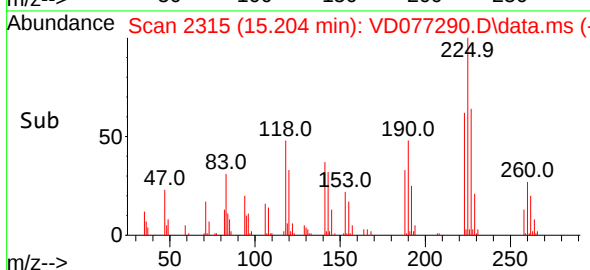
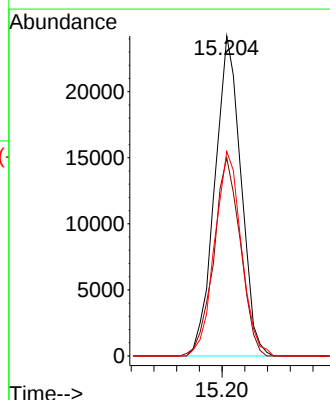
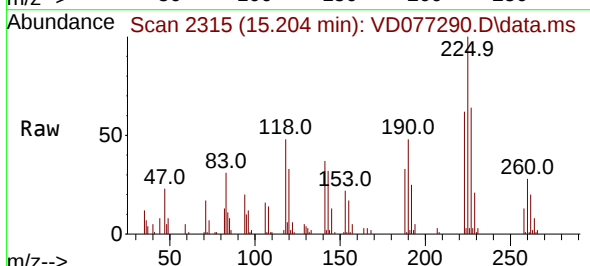
RT: 15.204 min Scan# 2315

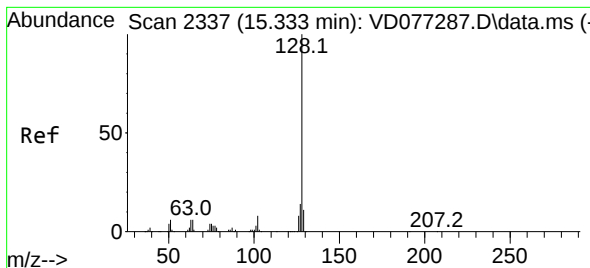
Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:	225	Resp:	38700
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.6	94.8
227	65.2	31.7	95.1





#95

Naphthalene

Concen: 17.955 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

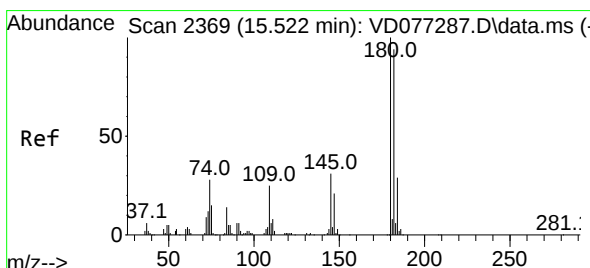
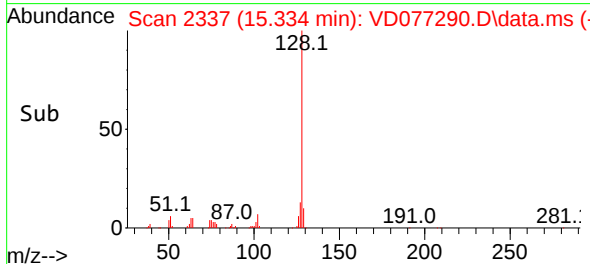
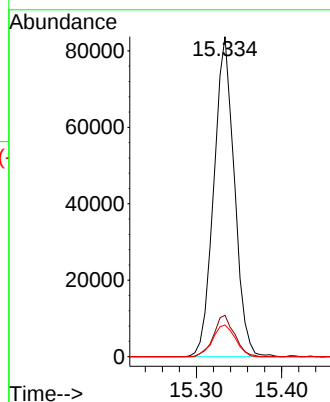
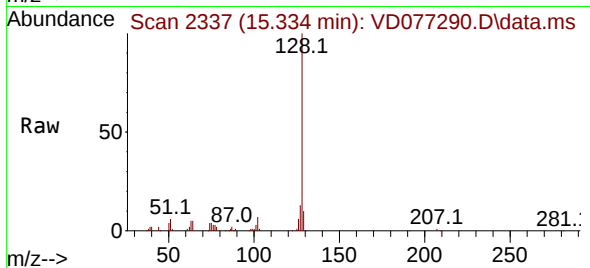
VSTDICC020

Tgt Ion:	128	Resp:	14009
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	9.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.091 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:	180	Resp:	66609
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.3	141.9
145	30.8	15.1	45.3

