

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077286.D
 Acq On : 06 Oct 2023 12:42
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 01:21:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 07 01:15:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180460	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	316856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	164868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43880	19.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.880%#		
35) Dibromofluoromethane	7.810	113	49359	18.340	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.680%#		
50) Toluene-d8	10.269	98	164785	18.182	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	36.360%#		
62) 4-Bromofluorobenzene	12.575	95	57289	19.049	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	50516	20.160	ug/l	100
3) Chloromethane	2.146	50	79495	20.387	ug/l	99
4) Vinyl Chloride	2.281	62	97786	20.377	ug/l	98
5) Bromomethane	2.675	94	69585	21.118	ug/l	100
6) Chloroethane	2.828	64	41112	13.415	ug/l	94
7) Trichlorofluoromethane	3.163	101	65315	13.471	ug/l	100
8) Diethyl Ether	3.593	74	27788	20.084	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	60306	20.566	ug/l	94
10) Methyl Iodide	4.152	142	70213	20.142	ug/l	91
11) Tert butyl alcohol	5.058	59	17219	115.030	ug/l #	91
12) 1,1-Dichloroethene	3.934	96	56303	19.840	ug/l	95
13) Acrolein	3.793	56	10728	70.683	ug/l	95
14) Allyl chloride	4.563	41	74538	20.752	ug/l	91
15) Acrylonitrile	5.252	53	65219	105.045	ug/l	99
16) Acetone	4.016	43	60592	104.524	ug/l	90
17) Carbon Disulfide	4.269	76	193462	19.852	ug/l	99
18) Methyl Acetate	4.563	43	50299	21.694	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	120902	21.444	ug/l	98
20) Methylene Chloride	4.793	84	107632	18.926	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	66392	19.799	ug/l	93
22) Diisopropyl ether	6.216	45	165055	22.290	ug/l	95
23) Vinyl Acetate	6.152	43	317073m	104.560	ug/l	
24) 1,1-Dichloroethane	6.104	63	116995	20.133	ug/l	96
25) 2-Butanone	7.081	43	78926	100.616	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	93040	18.678	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	72329	19.711	ug/l	92
28) Bromochloromethane	7.422	49	46362	20.474	ug/l #	78
29) Tetrahydrofuran	7.451	42	46716	108.980	ug/l #	85
30) Chloroform	7.599	83	120382	20.285	ug/l	90
31) Cyclohexane	7.875	56	89913	19.346	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	98664	19.644	ug/l	99
36) 1,1-Dichloropropene	8.010	75	86159	19.128	ug/l	95
37) Ethyl Acetate	7.169	43	34336	18.971	ug/l #	91
38) Carbon Tetrachloride	7.987	117	83041	19.942	ug/l	99
39) Methylcyclohexane	9.275	83	96471	19.600	ug/l	94
40) Benzene	8.251	78	263990	19.533	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	18973	19.775	ug/l	90
42) 1,2-Dichloroethane	8.322	62	67093	20.598	ug/l	98
43) Isopropyl Acetate	8.357	43	62749	20.388	ug/l	94
44) Trichloroethene	9.028	130	69116	19.291	ug/l	97
45) 1,2-Dichloropropane	9.304	63	66201	19.374	ug/l	98
46) Dibromomethane	9.393	93	38231	20.173	ug/l	88
47) Bromodichloromethane	9.581	83	87548	19.612	ug/l	99
48) Methyl methacrylate	9.381	41	29412	20.660	ug/l #	80
49) 1,4-Dioxane	9.381	88	7069	421.371	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	166702	105.110	ug/l	90
52) Toluene	10.334	92	165386	19.994	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	81542	20.168	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	100585	21.136	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	51601	20.001	ug/l	97
56) Ethyl methacrylate	10.598	69	53417	20.849	ug/l	93
57) 1,3-Dichloropropane	10.881	76	81699	19.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	141546	167.067	ug/l	96
59) 2-Hexanone	10.922	43	119799	107.353	ug/l	88
60) Dibromochloromethane	11.075	129	59509	20.559	ug/l	98
61) 1,2-Dibromoethane	11.181	107	48647	20.417	ug/l	97
64) Tetrachloroethene	10.804	164	57045	19.639	ug/l	95
65) Chlorobenzene	11.610	112	172599	19.675	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	62931	20.128	ug/l	95
67) Ethyl Benzene	11.681	91	297666	20.039	ug/l	97
68) m/p-Xylenes	11.792	106	238828	40.890	ug/l	90
69) o-Xylene	12.122	106	106910	19.957	ug/l	90
70) Styrene	12.134	104	190559	20.892	ug/l	98
71) Bromoform	12.298	173	33779	19.215	ug/l #	95
73) Isopropylbenzene	12.422	105	279369	18.943	ug/l	95
74) N-amyl acetate	12.234	43	57329	19.096	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	59173	19.422	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	46338m	15.223	ug/l	
77) Bromobenzene	12.698	156	67292	18.832	ug/l	88
78) n-propylbenzene	12.763	91	356650	19.113	ug/l	94
79) 2-Chlorotoluene	12.851	91	195963	19.422	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	235786	19.109	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	17094	6.424	ug/l	94
82) 4-Chlorotoluene	12.945	91	208794	19.362	ug/l	96
83) tert-Butylbenzene	13.169	119	195363	18.617	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	240088	19.898	ug/l	95
85) sec-Butylbenzene	13.345	105	304083	19.068	ug/l	96
86) p-Isopropyltoluene	13.463	119	247949	19.072	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	142295	19.146	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	137970	18.369	ug/l	95
89) n-Butylbenzene	13.786	91	238607	18.600	ug/l	97
90) Hexachloroethane	14.051	117	50725	18.184	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	122519	19.075	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7648	19.609	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	68150	18.206	ug/l	99
94) Hexachlorobutadiene	15.204	225	35822	17.362	ug/l	96
95) Naphthalene	15.333	128	127656	18.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	60967	18.454	ug/l	98

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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

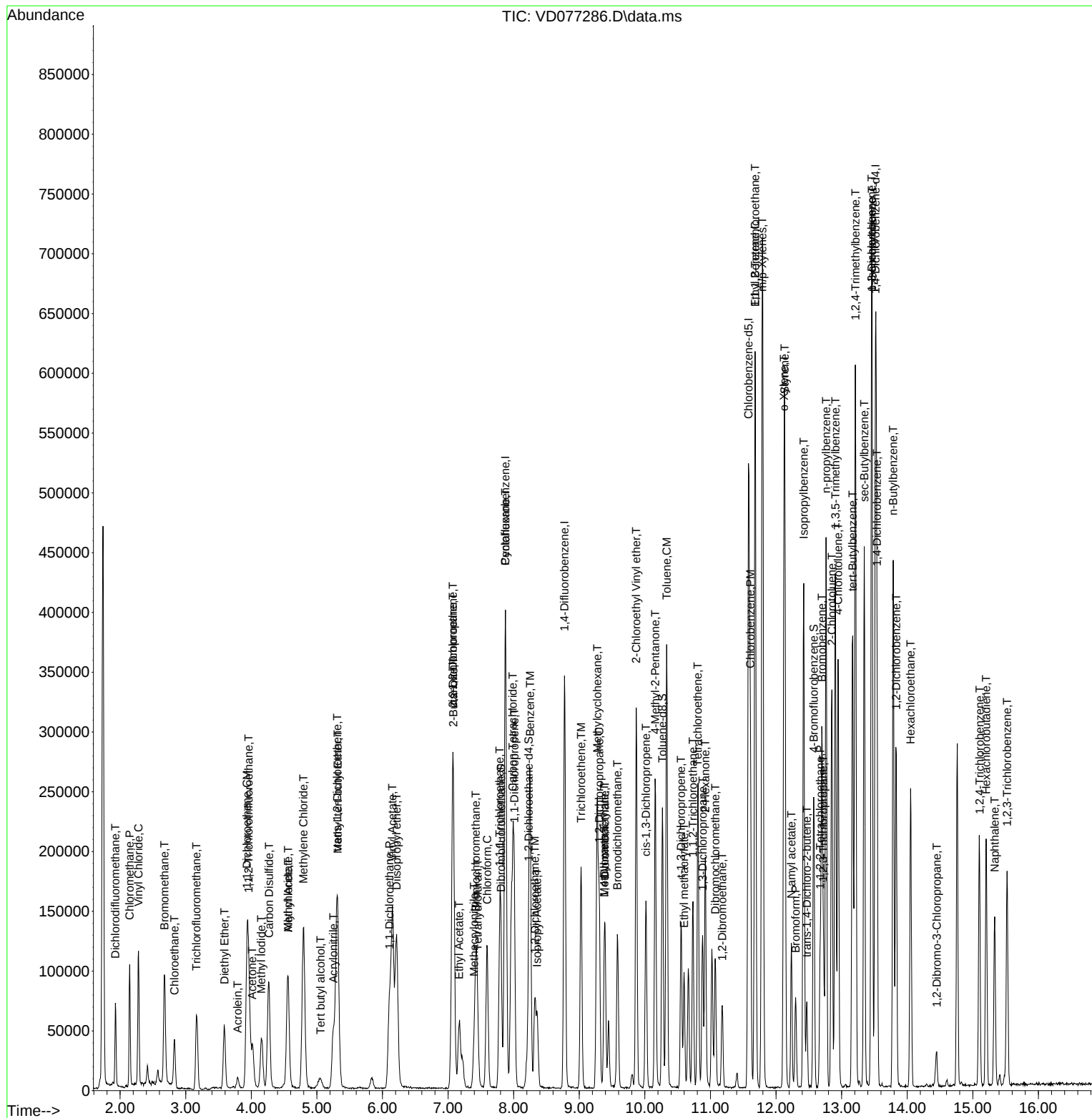
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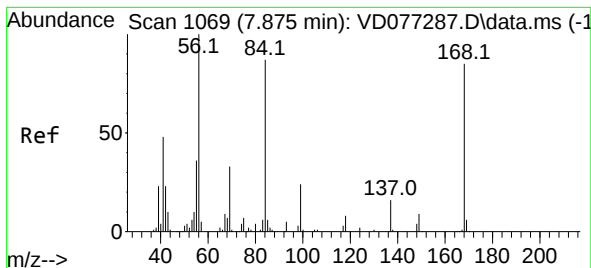
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077286.D

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VSTDIC020

Tgt Ion:168 Resp: 180460

Ion Ratio Lower Upper

168 100

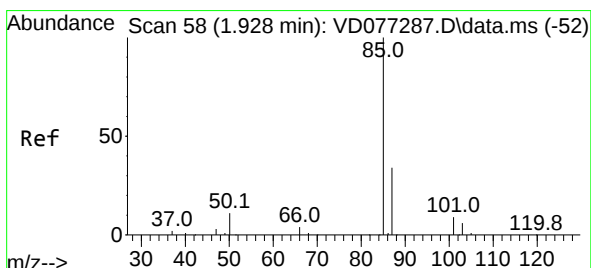
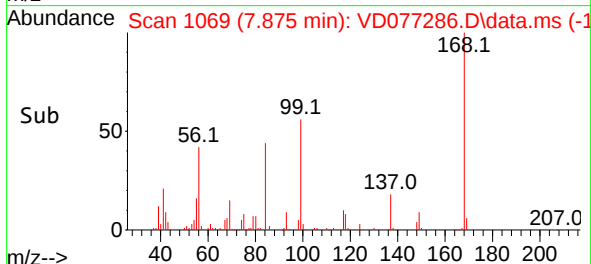
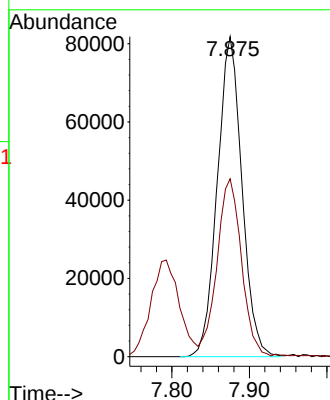
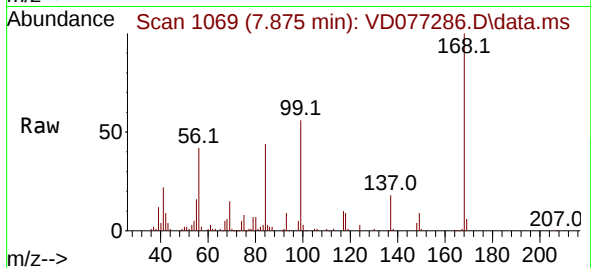
99 55.1 36.7 55.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.160 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077286.D

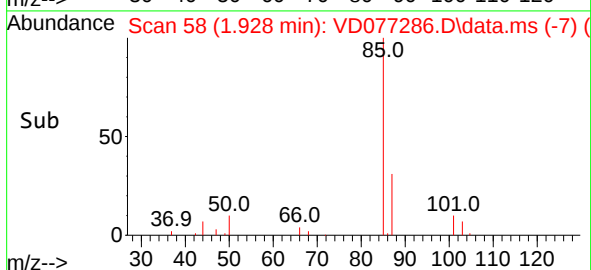
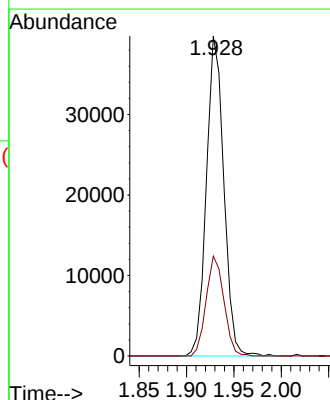
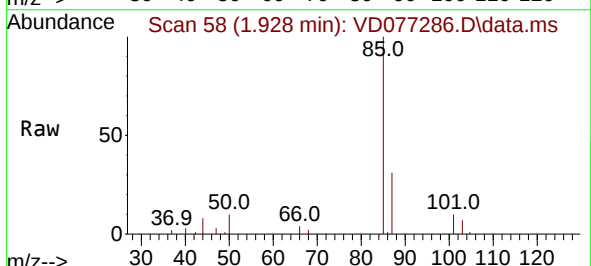
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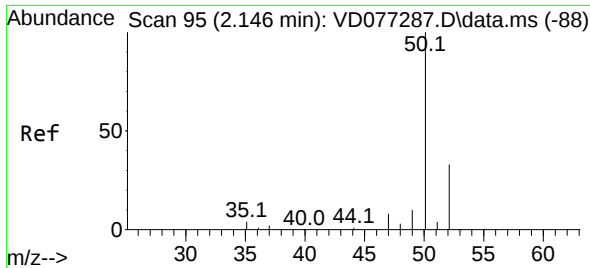
Tgt Ion: 85 Resp: 50516

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.0





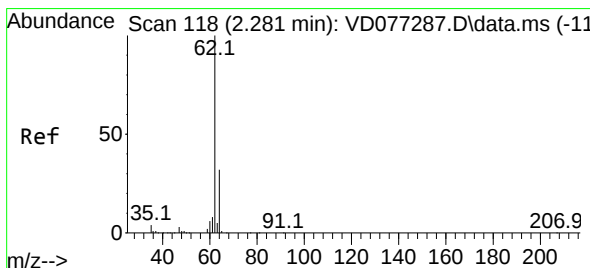
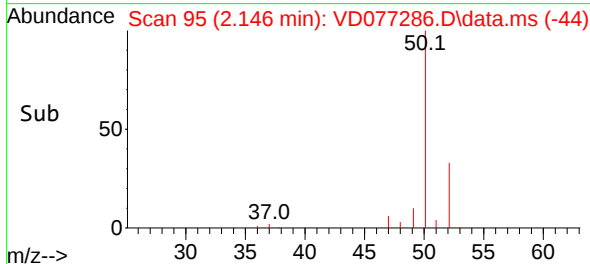
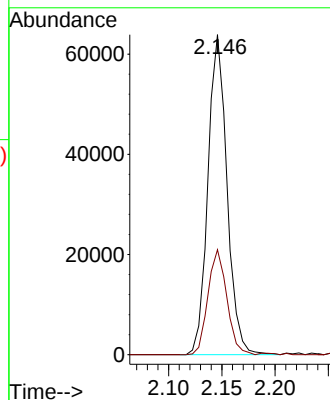
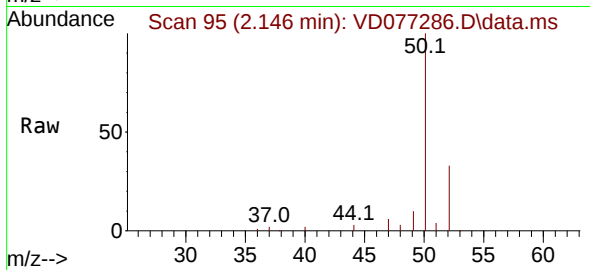
#3
Chloromethane
Concen: 20.387 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
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Tgt Ion: 50 Resp: 7949
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

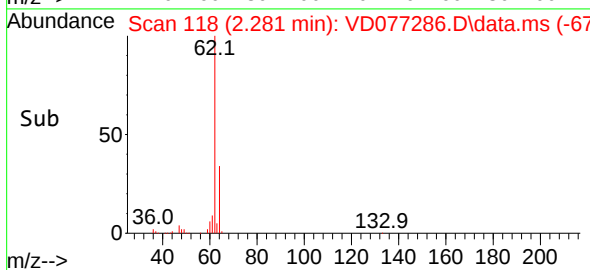
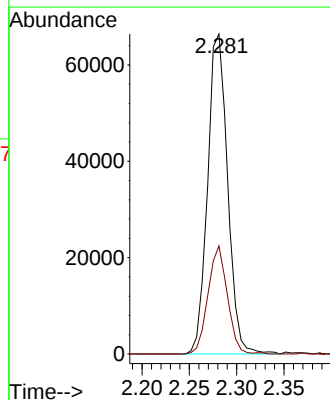
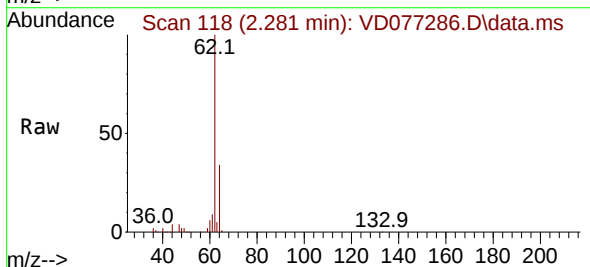
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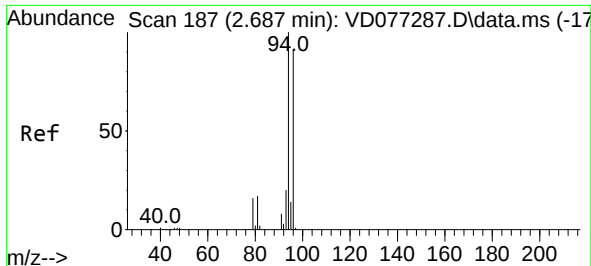
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#4
Vinyl Chloride
Concen: 20.377 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 62 Resp: 97786
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0





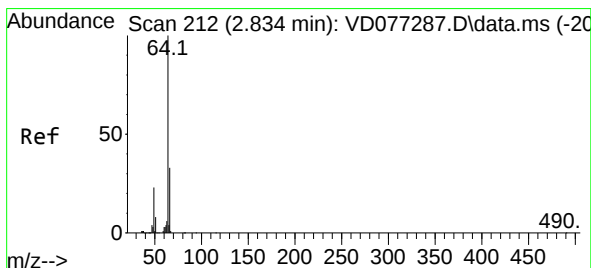
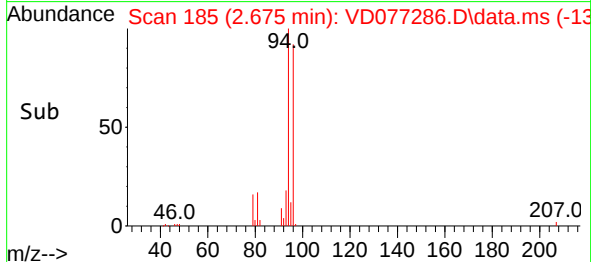
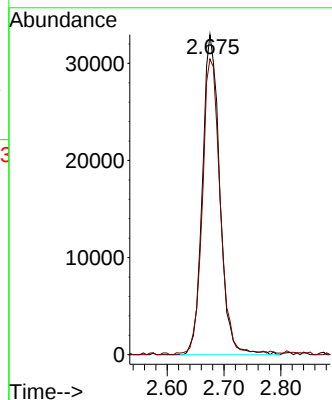
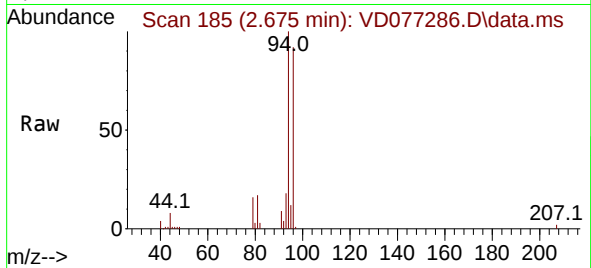
#5
Bromomethane
Concen: 21.118 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077286.D
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Tgt Ion: 94 Resp: 6958
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.8

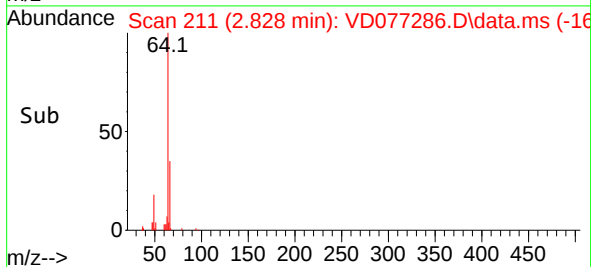
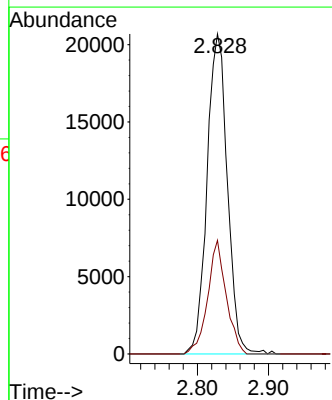
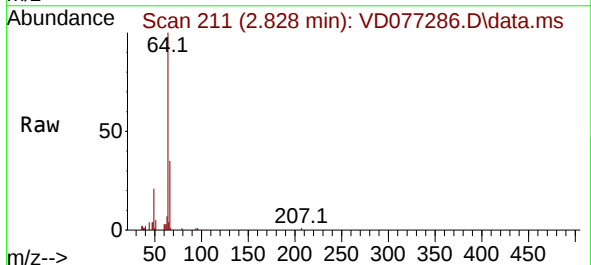
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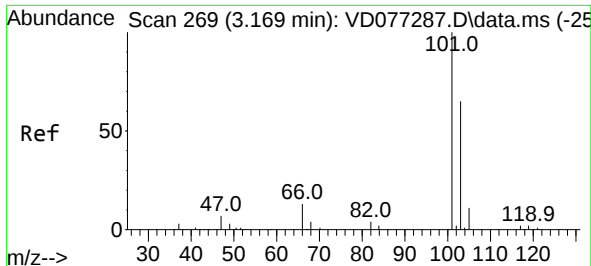
Reviewed By :Mahesh Dadoda 10/09/2023
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#6
Chloroethane
Concen: 13.415 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077286.D
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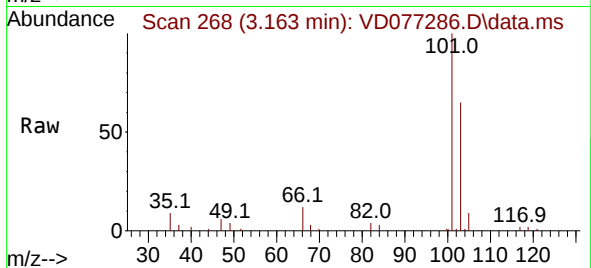
Tgt Ion: 64 Resp: 41112
Ion Ratio Lower Upper
64 100
66 35.5 25.5 38.3





#7
Trichlorofluoromethane
Concen: 13.471 ug/l
RT: 3.163 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077286.D
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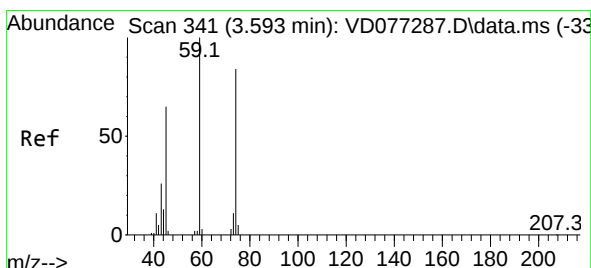
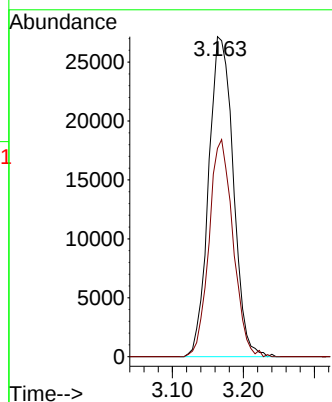
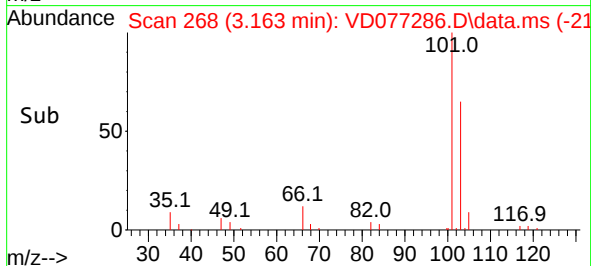
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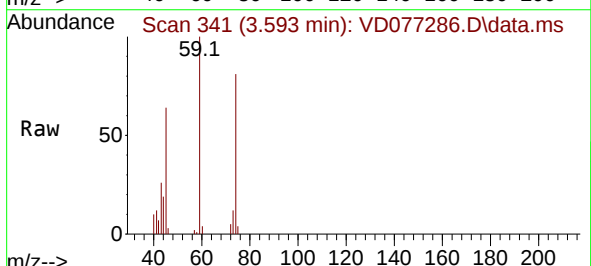
Tgt Ion:101 Resp: 6531
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

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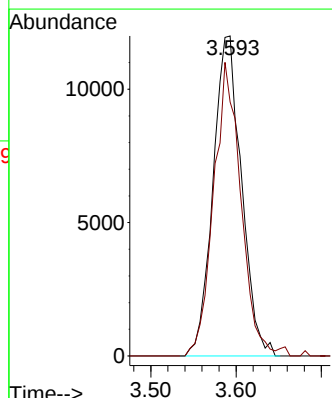
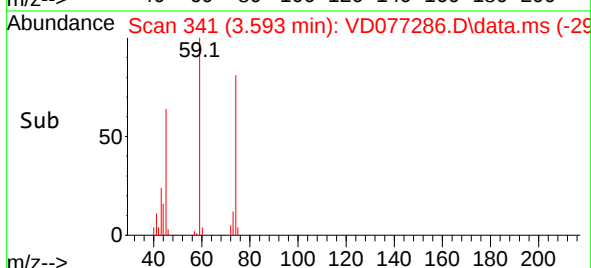
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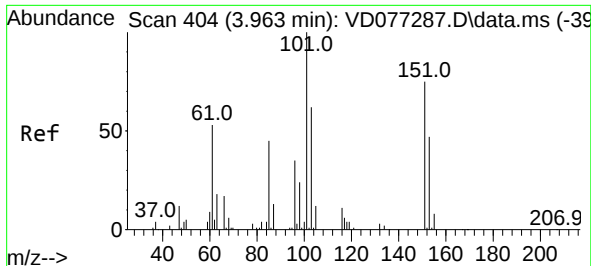


#8
Diethyl Ether
Concen: 20.084 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42



Tgt Ion: 74 Resp: 27788
Ion Ratio Lower Upper
74 100
45 87.5 37.5 112.7





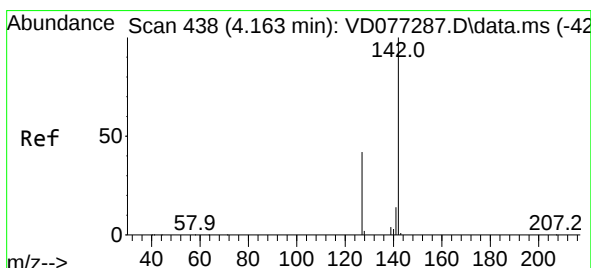
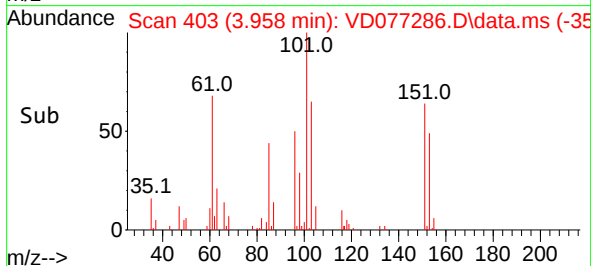
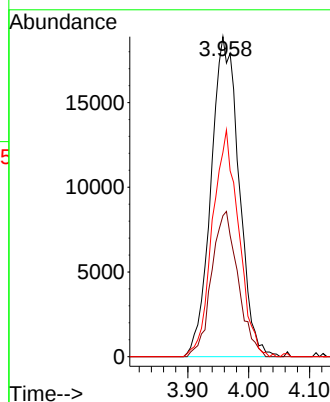
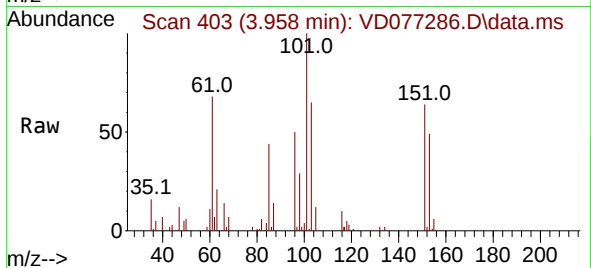
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.566 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
Client Sample Id :
VSTDIC020

Tgt Ion:101 Resp: 60300
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 66.6 59.8 89.6

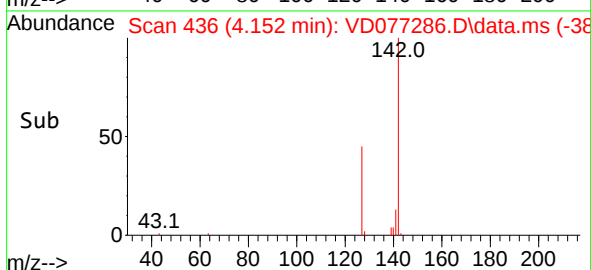
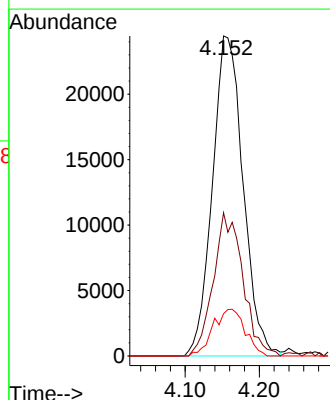
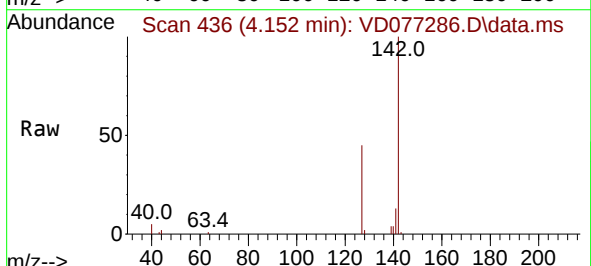
Manual Integrations
APPROVED

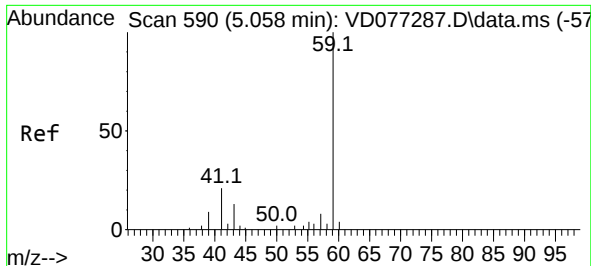
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#10
Methyl Iodide
Concen: 20.142 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.012 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion:142 Resp: 70213
Ion Ratio Lower Upper
142 100
127 43.1 29.4 44.0
141 15.2 11.1 16.7





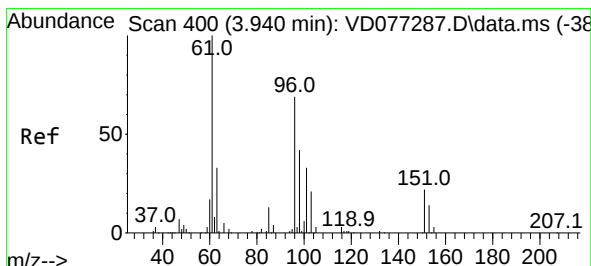
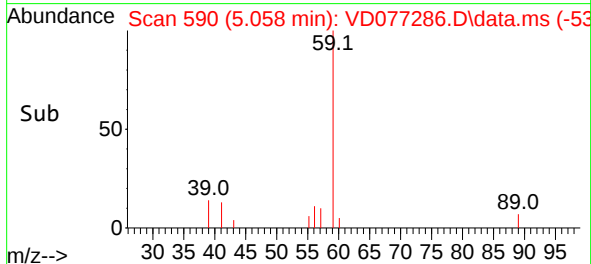
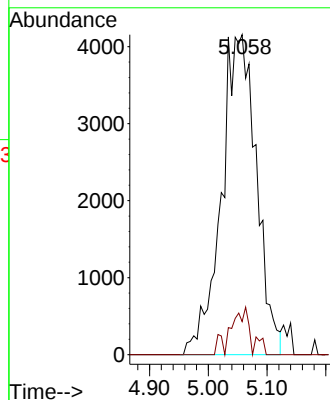
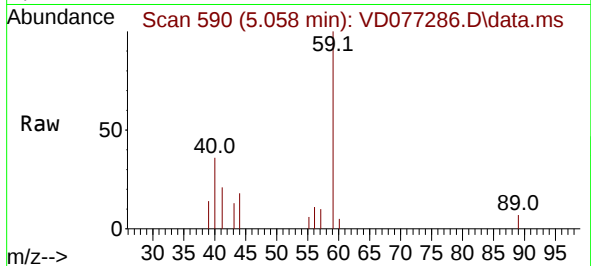
#11
Tert butyl alcohol
Concen: 115.030 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 17219
Ion Ratio Lower Upper
59 100
57 6.4 7.8 11.8

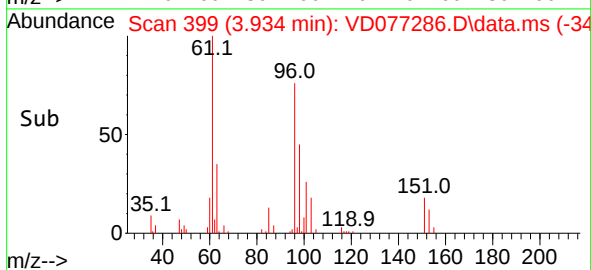
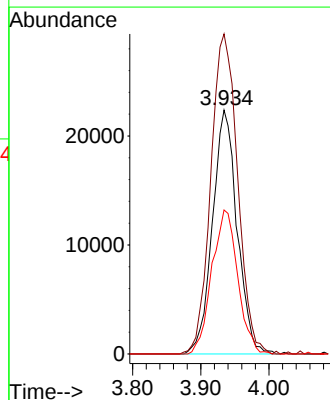
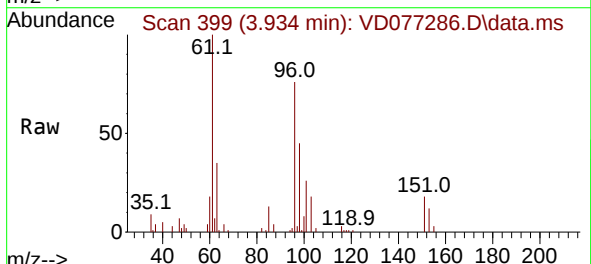
Manual Integrations
APPROVED

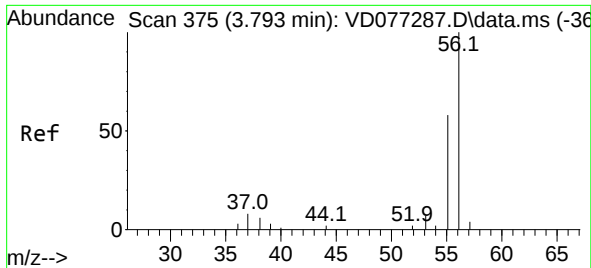
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#12
1,1-Dichloroethene
Concen: 19.840 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

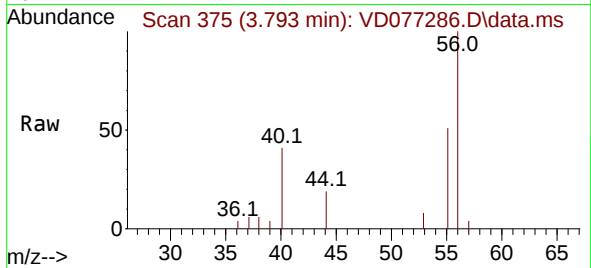
Tgt Ion: 96 Resp: 56303
Ion Ratio Lower Upper
96 100
61 131.3 100.6 150.8
98 59.1 50.2 75.2





#13
Acrolein
Concen: 70.683 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

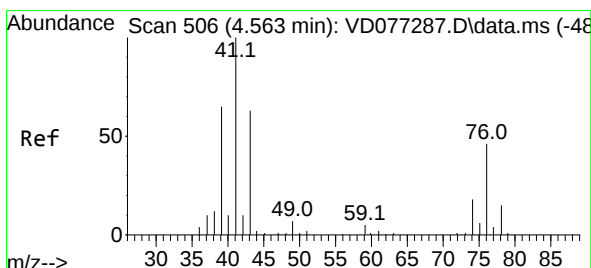
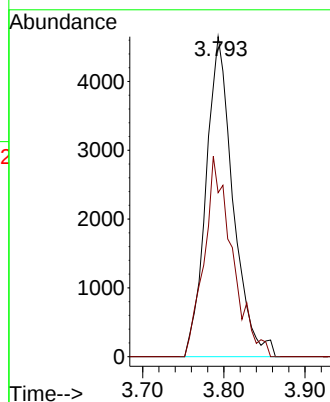
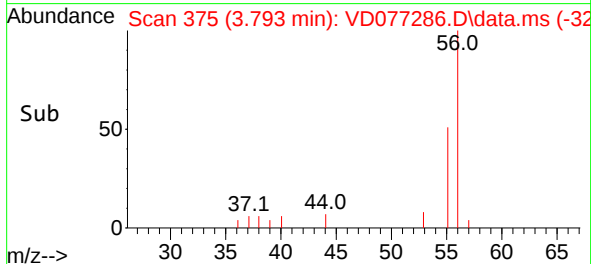
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 10728
Ion Ratio Lower Upper
56 100
55 64.9 55.1 82.7

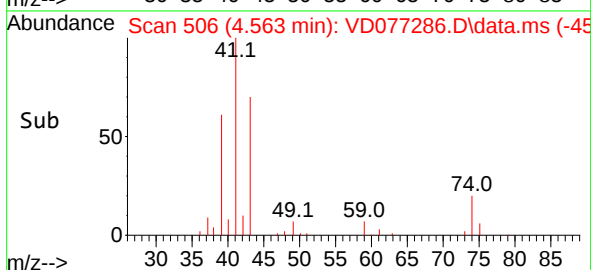
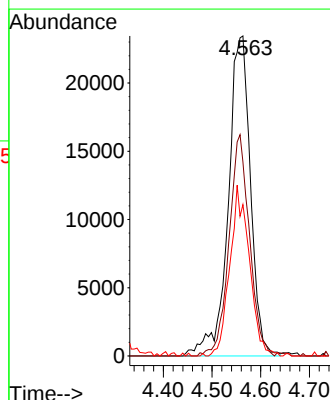
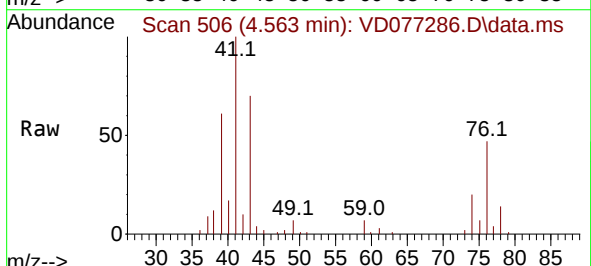
Manual Integrations
APPROVED

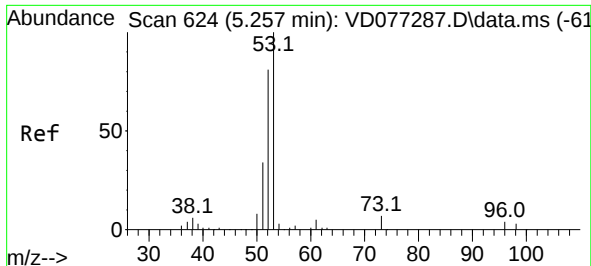
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#14
Allyl chloride
Concen: 20.752 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 41 Resp: 74538
Ion Ratio Lower Upper
41 100
39 63.5 53.8 80.6
76 46.8 45.8 68.8





#15

Acrylonitrile

Concen: 105.045 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

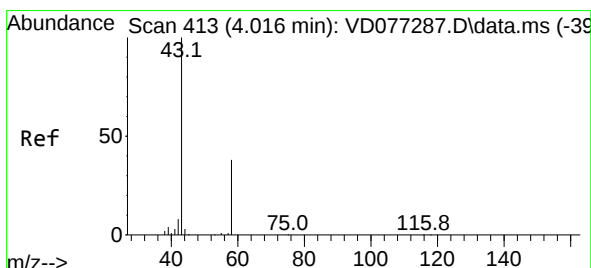
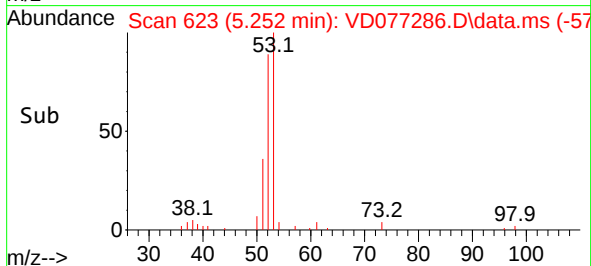
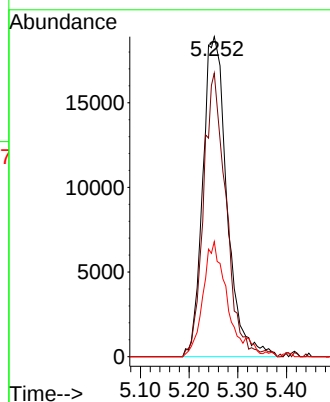
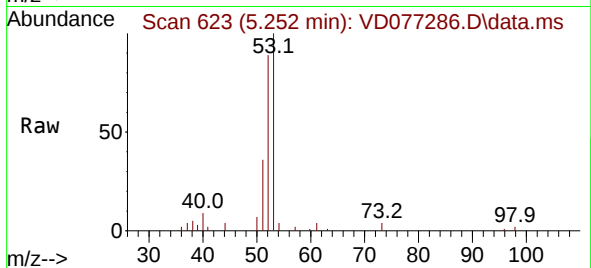
VSTDICC020

Tgt Ion:	53	Resp:	65219
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.0	97.4
51	34.1	28.3	42.5

Manual Integrations

APPROVED

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



#16

Acetone

Concen: 104.524 ug/l

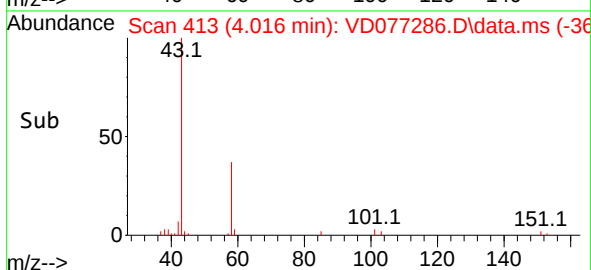
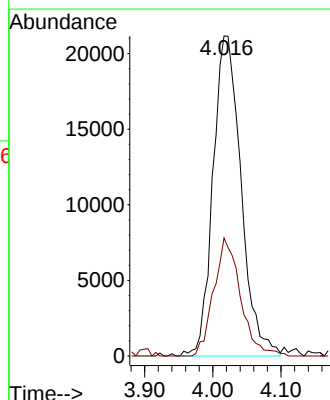
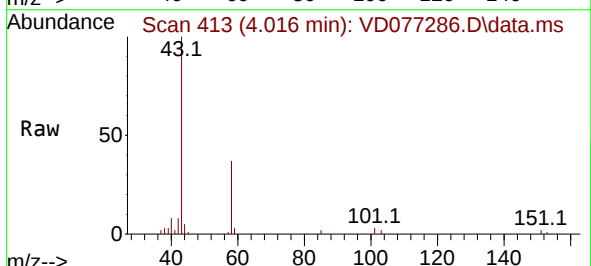
RT: 4.016 min Scan# 413

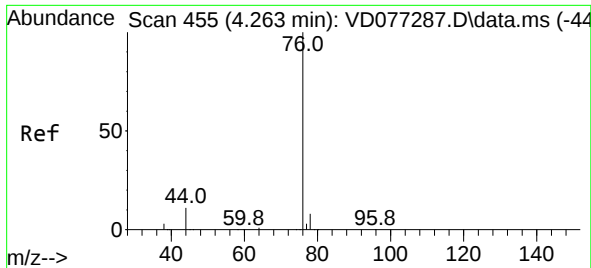
Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion:	43	Resp:	60592
Ion	Ratio	Lower	Upper
43	100		
58	36.8	34.7	52.1





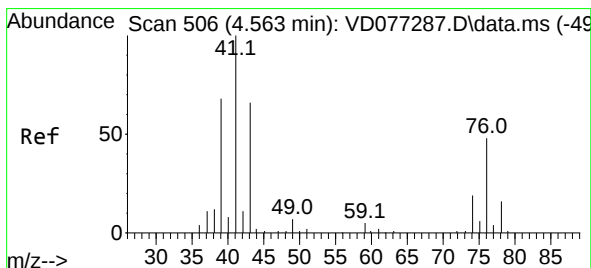
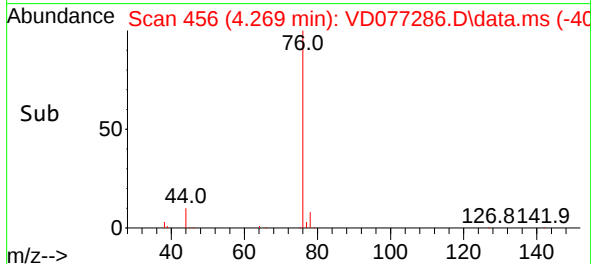
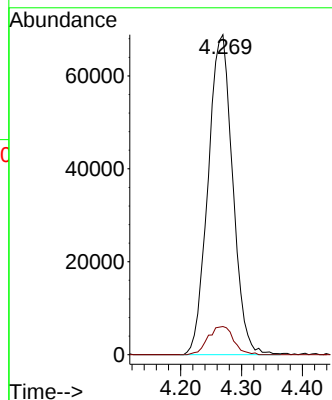
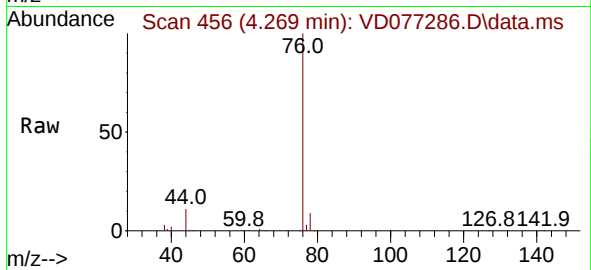
#17
Carbon Disulfide
Concen: 19.852 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 193462
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

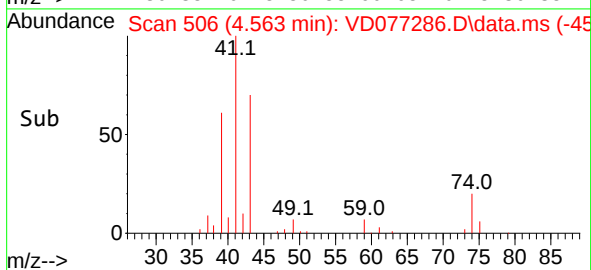
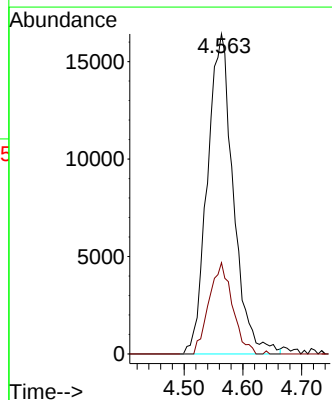
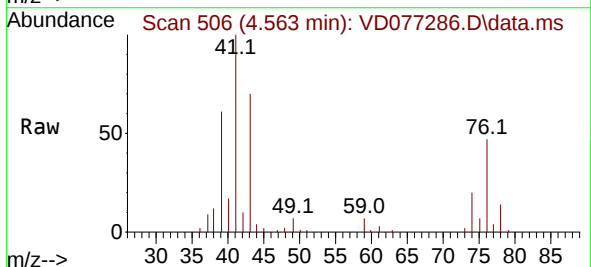
Manual Integrations
APPROVED

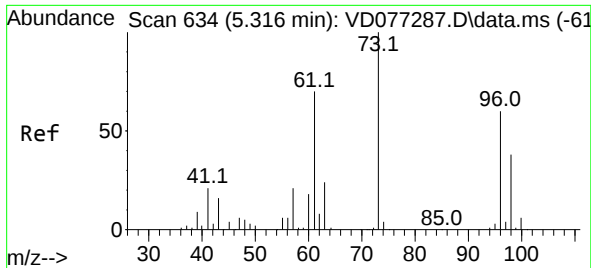
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#18
Methyl Acetate
Concen: 21.694 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

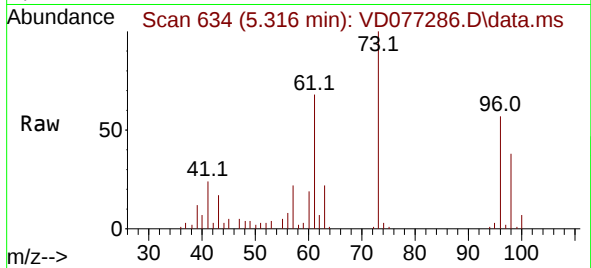
Tgt Ion: 43 Resp: 50299
Ion Ratio Lower Upper
43 100
74 25.8 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 21.444 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

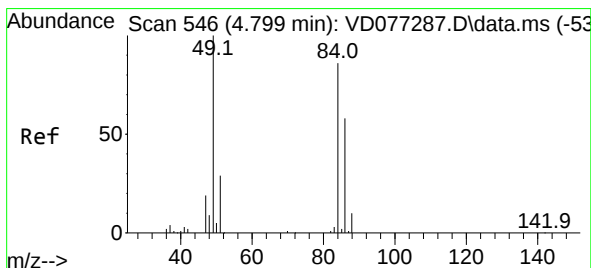
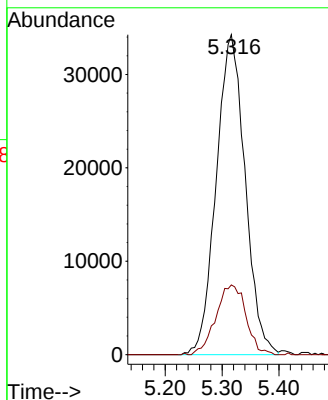
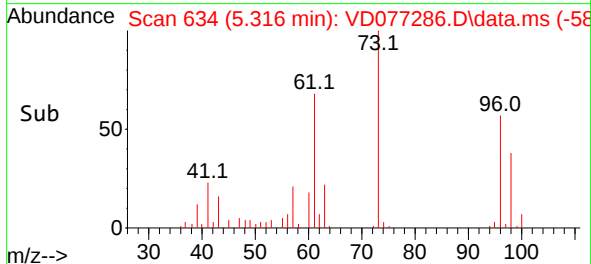
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 120902
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0

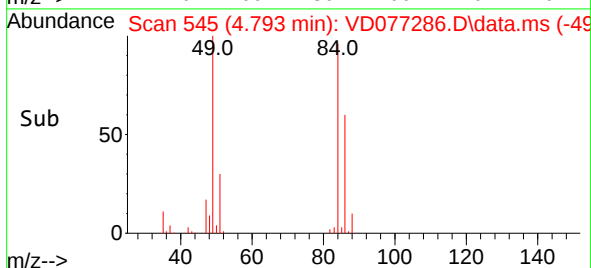
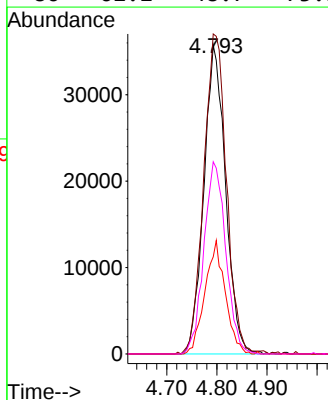
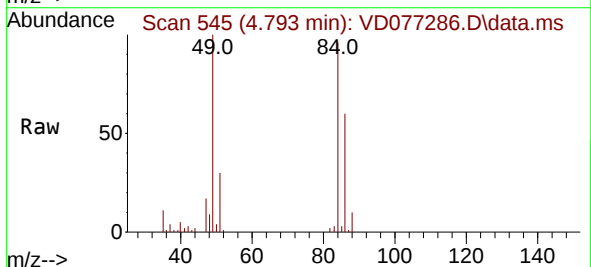
Manual Integrations
APPROVED

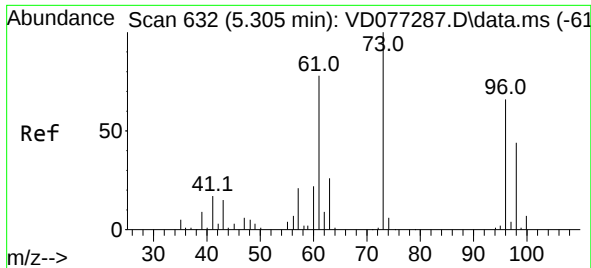
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#20
Methylene Chloride
Concen: 18.926 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

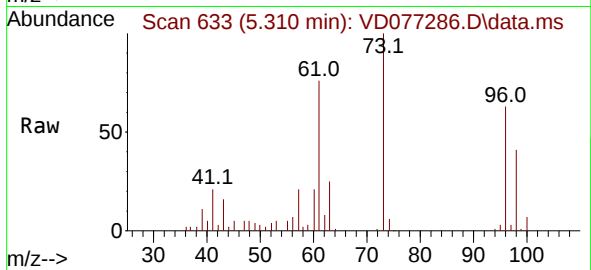
Tgt Ion: 84 Resp: 107632
Ion Ratio Lower Upper
84 100
49 103.1 71.4 107.2
51 31.5 24.5 36.7
86 62.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.799 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

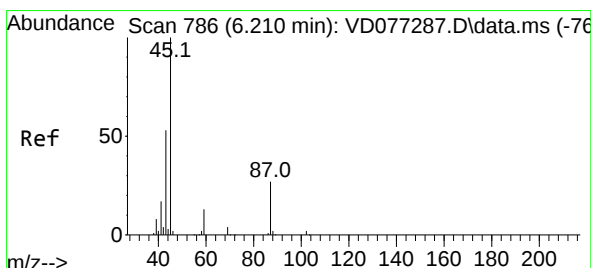
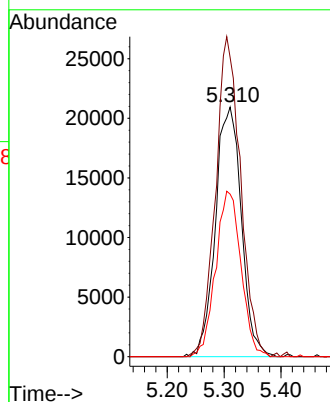
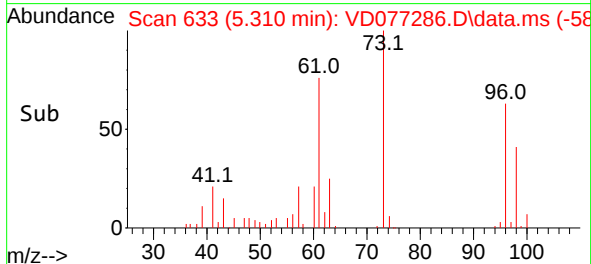
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 66392
Ion Ratio Lower Upper
96 100
61 119.9 89.3 133.9
98 65.1 48.6 73.0

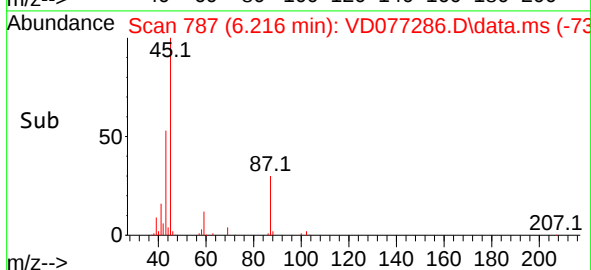
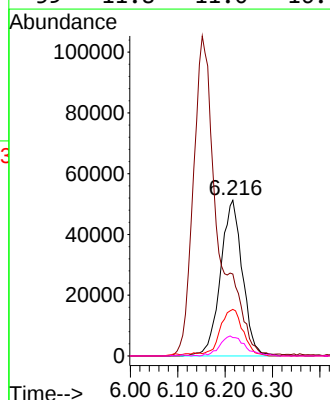
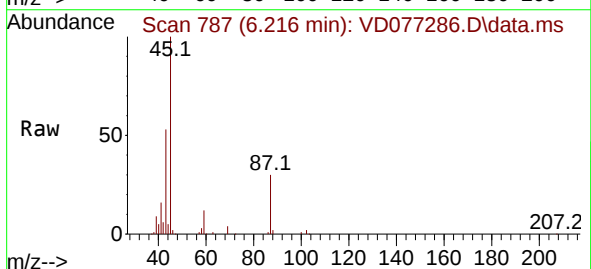
Manual Integrations
APPROVED

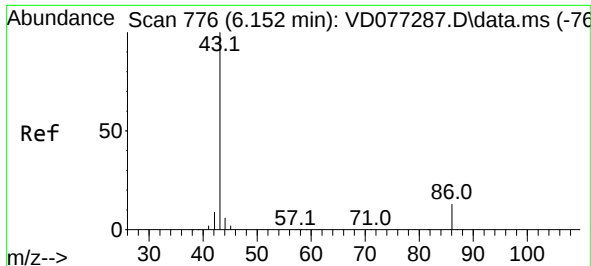
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#22
Diisopropyl ether
Concen: 22.290 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

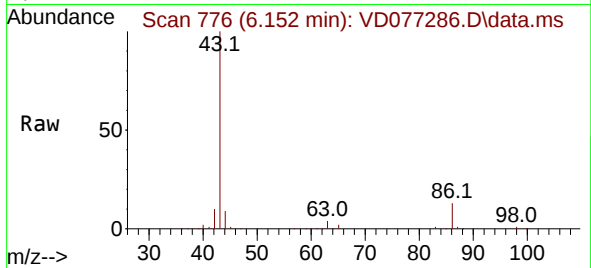
Tgt Ion: 45 Resp: 165055
Ion Ratio Lower Upper
45 100
43 51.4 40.0 60.0
87 29.9 28.2 42.4
59 11.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 104.560 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077286.D
 Acq: 06 Oct 2023 12:42

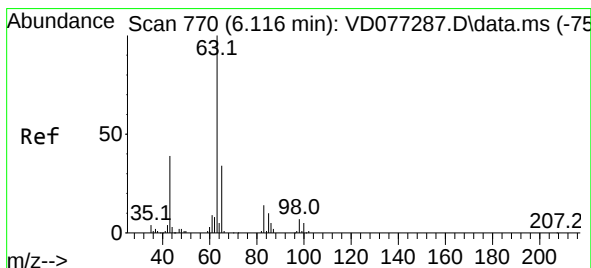
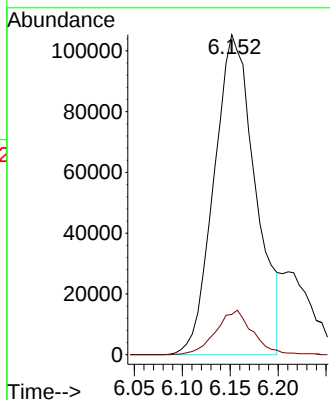
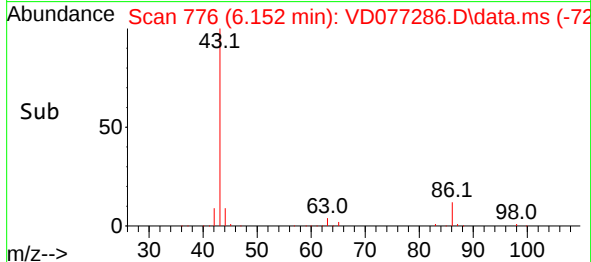
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



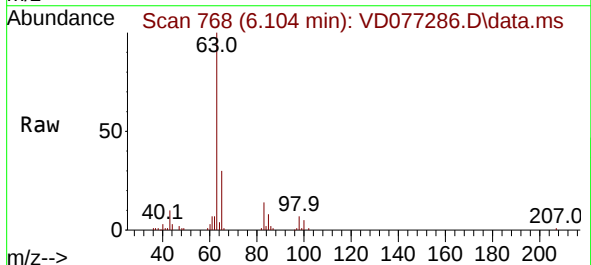
Tgt Ion: 43 Resp: 31707
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7

Manual Integrations
 APPROVED

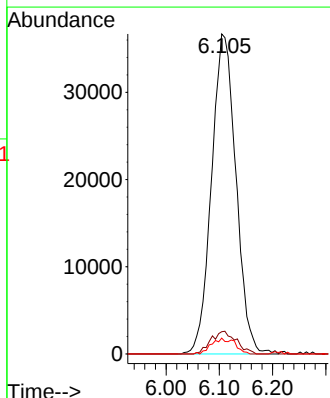
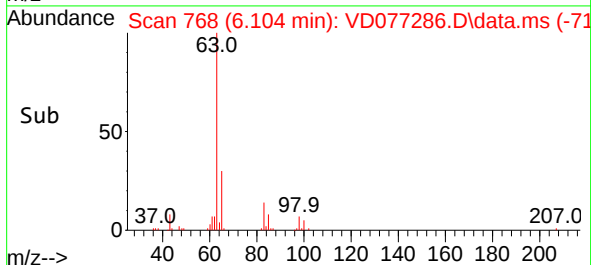
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

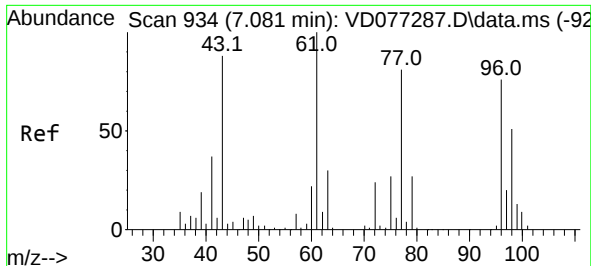


#24
 1,1-Dichloroethane
 Concen: 20.133 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD077286.D
 Acq: 06 Oct 2023 12:42



Tgt Ion: 63 Resp: 116995
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 4.9 2.5 7.5





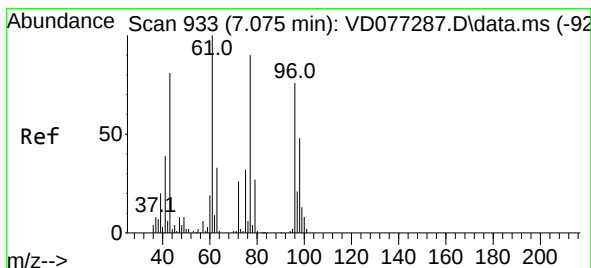
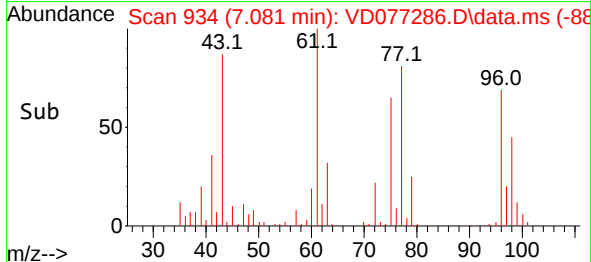
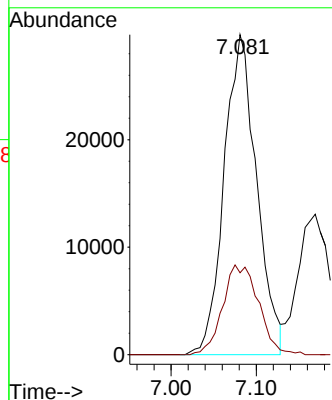
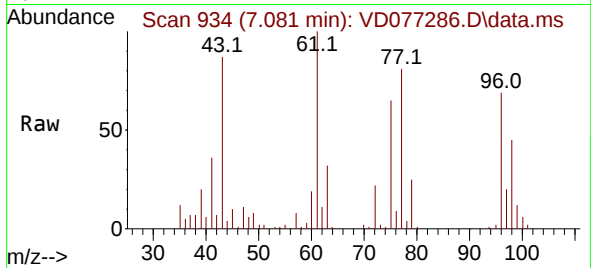
#25
2-Butanone
Concen: 100.616 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 78920
Ion Ratio Lower Upper
43 100
72 25.6 30.7 46.1

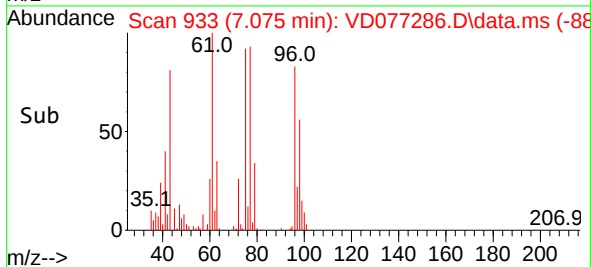
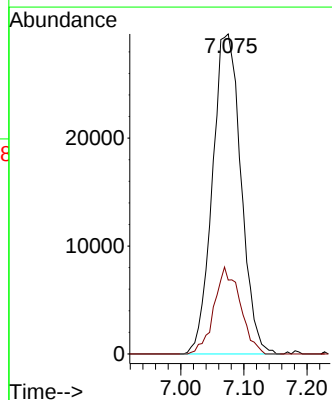
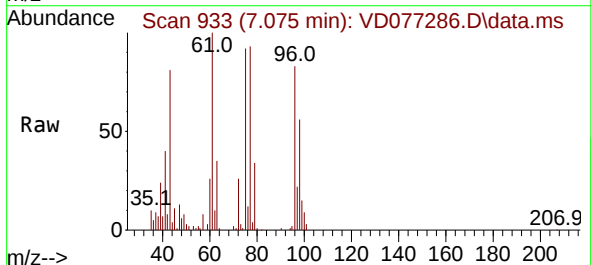
Manual Integrations
APPROVED

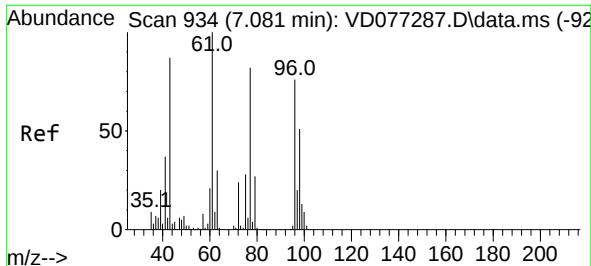
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#26
2,2-Dichloropropane
Concen: 18.678 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 77 Resp: 93040
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6





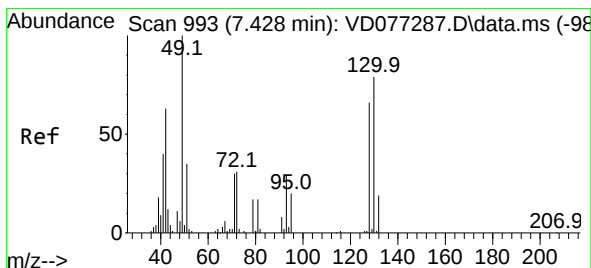
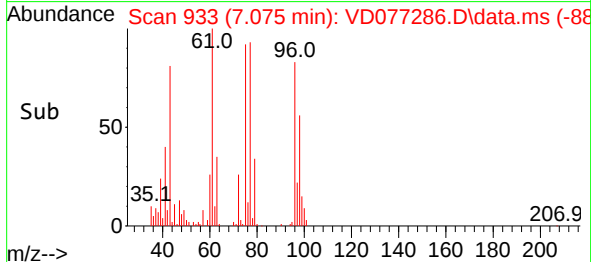
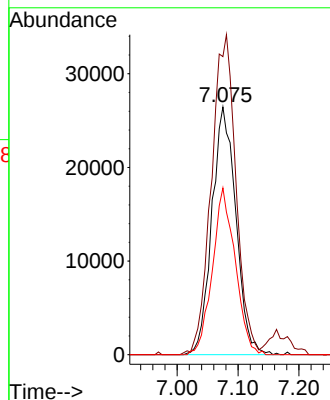
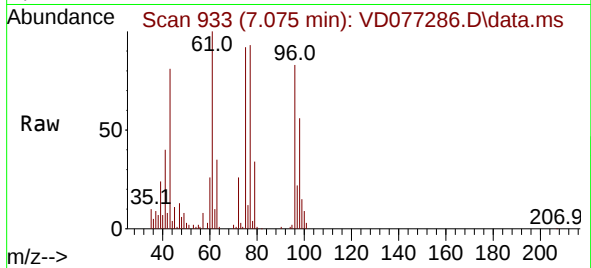
#27
cis-1,2-Dichloroethene
Concen: 19.711 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 72329
Ion Ratio Lower Upper
96 100
61 132.6 0.0 239.2
98 64.0 0.0 128.6

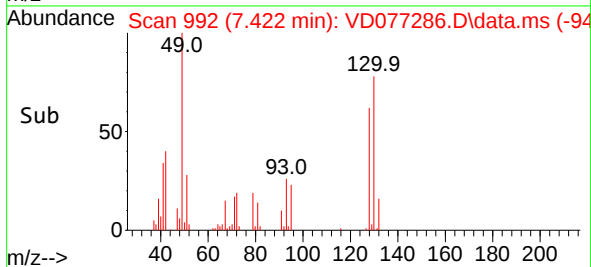
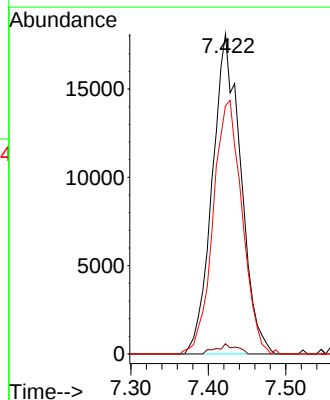
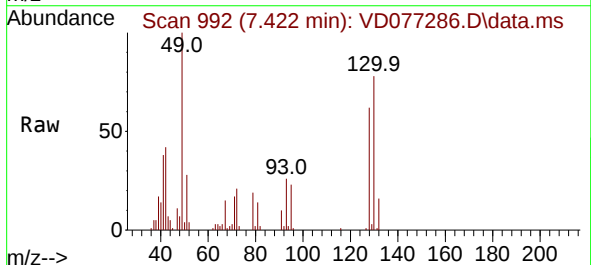
Manual Integrations
APPROVED

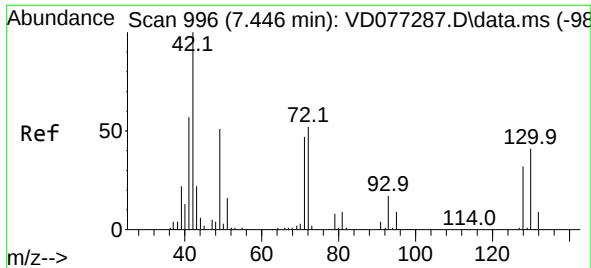
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#28
Bromochloromethane
Concen: 20.474 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 49 Resp: 46362
Ion Ratio Lower Upper
49 100
129 2.3 0.0 6.0
130 80.5 83.2 124.8#





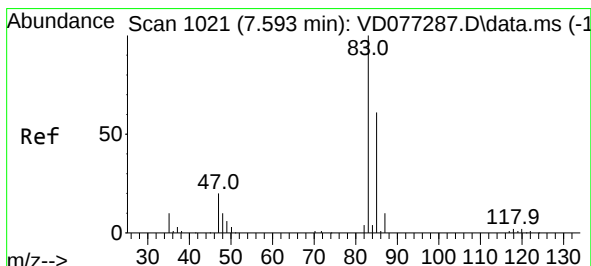
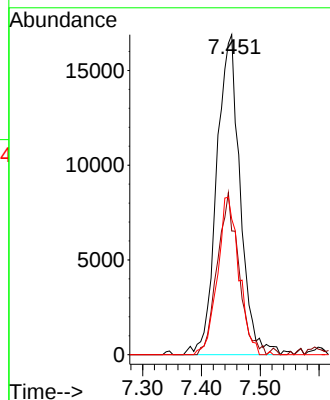
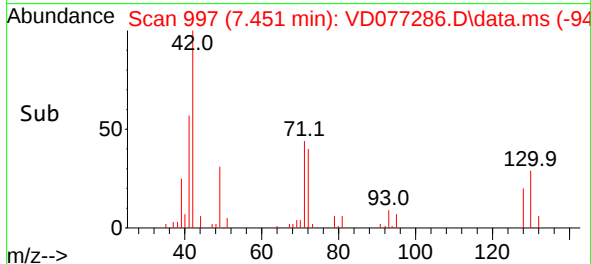
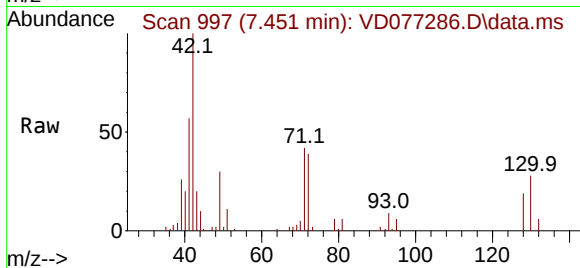
#29
Tetrahydrofuran
Concen: 108.980 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 46710
Ion Ratio Lower Upper
42 100
72 46.4 46.5 69.7
71 45.2 44.5 66.7

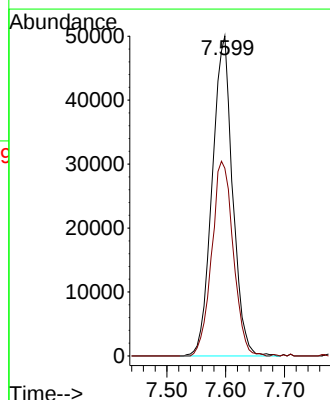
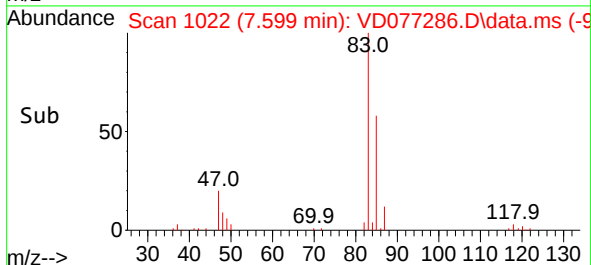
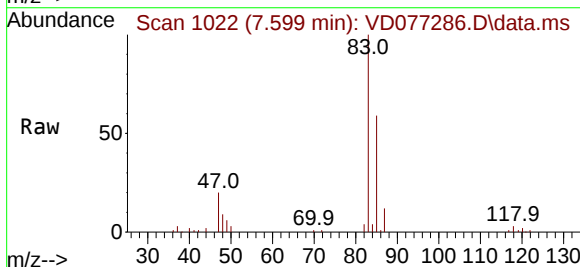
Manual Integrations
APPROVED

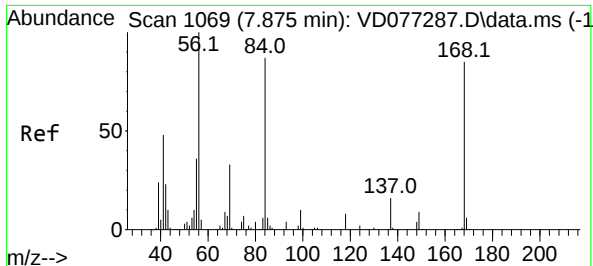
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#30
Chloroform
Concen: 20.285 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 83 Resp: 120382
Ion Ratio Lower Upper
83 100
85 58.6 53.4 80.2





#31

Cyclohexane

Concen: 19.346 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

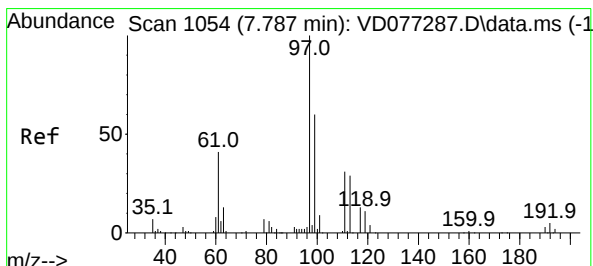
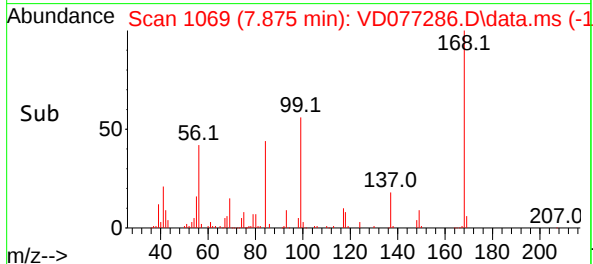
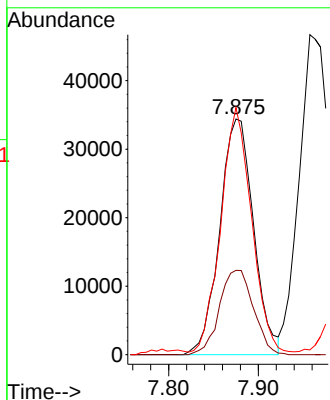
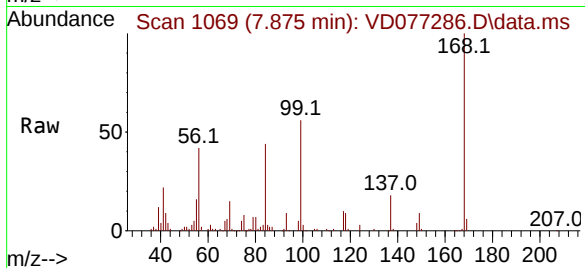
Tgt Ion: 56 Resp: 8991

Ion	Ratio	Lower	Upper
56	100		
69	35.8	28.6	43.0
84	102.8	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: 19.644 ug/l

RT: 7.787 min Scan# 1054

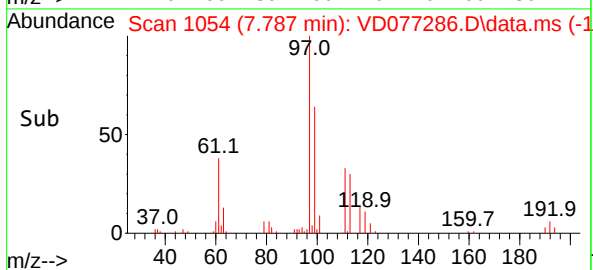
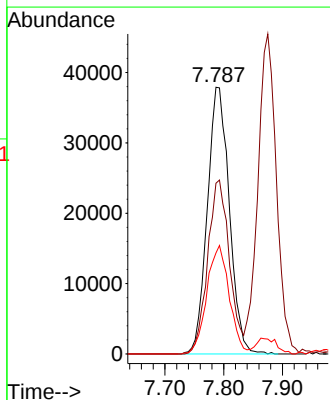
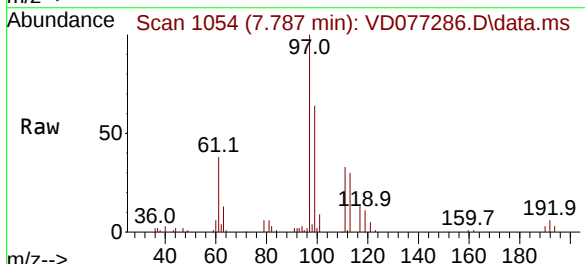
Delta R.T. 0.000 min

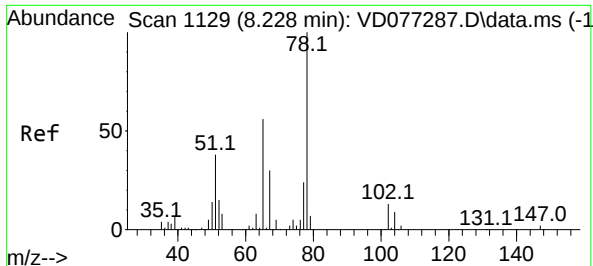
Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion: 97 Resp: 98664

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	41.4	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 19.944 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 43880

Ion Ratio Lower Upper

65 100

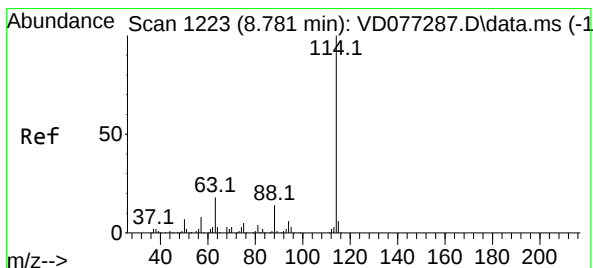
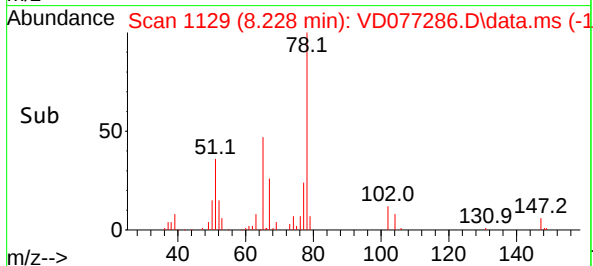
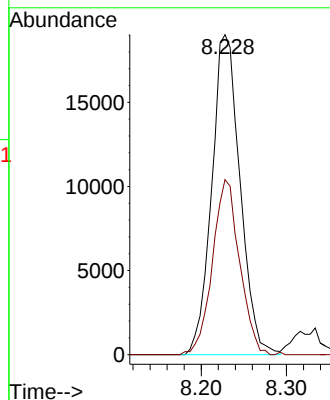
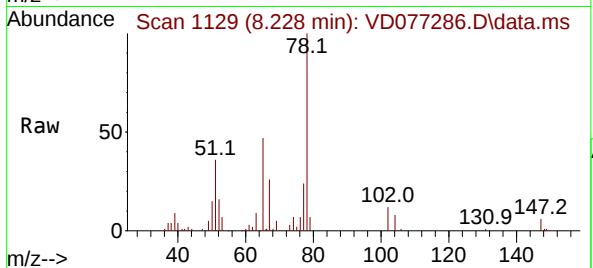
67 52.3 0.0 115.0

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: VD077286.D

Acq: 06 Oct 2023 12:42

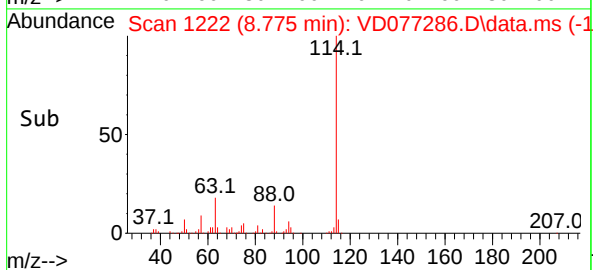
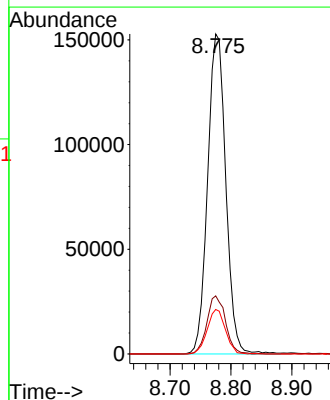
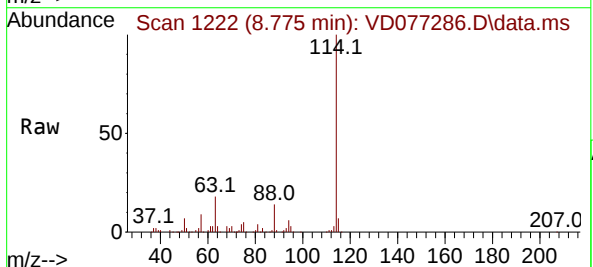
Tgt Ion:114 Resp: 316856

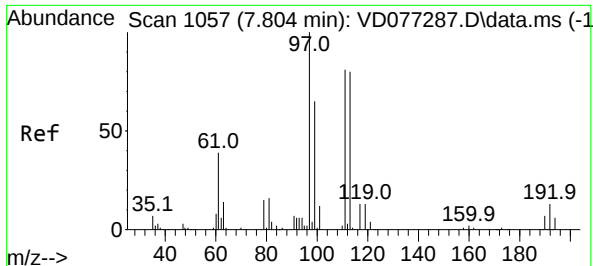
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 18.340 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

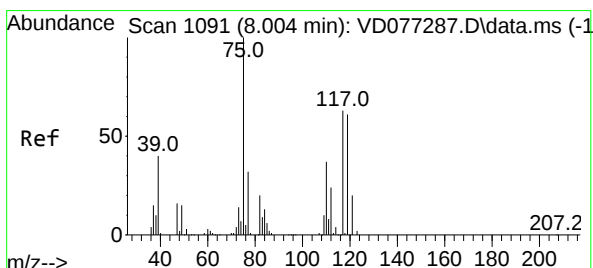
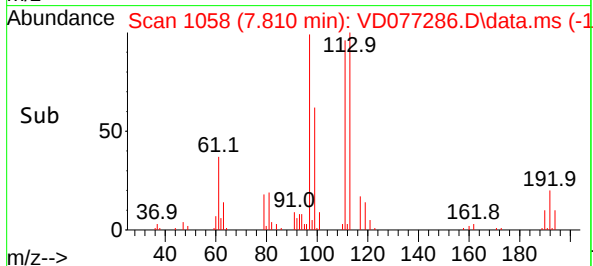
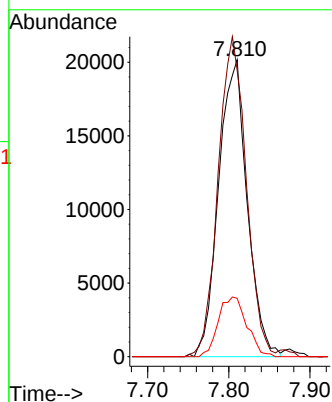
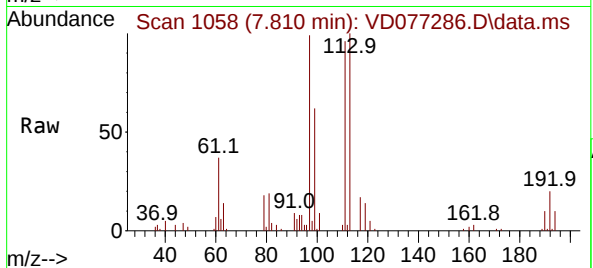
Tgt Ion: 113 Resp: 4935

Ion	Ratio	Lower	Upper
113	100		
111	105.8	84.7	127.1
192	20.1	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: 19.128 ug/l

RT: 8.010 min Scan# 1092

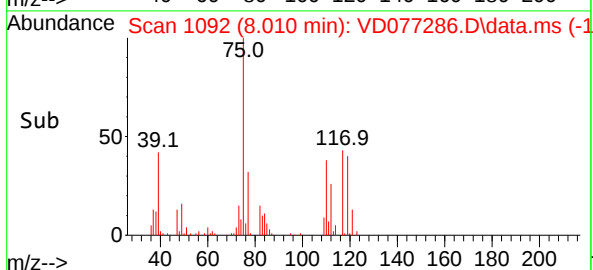
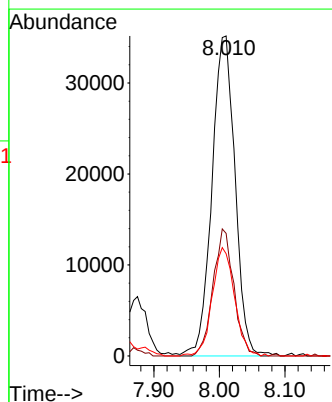
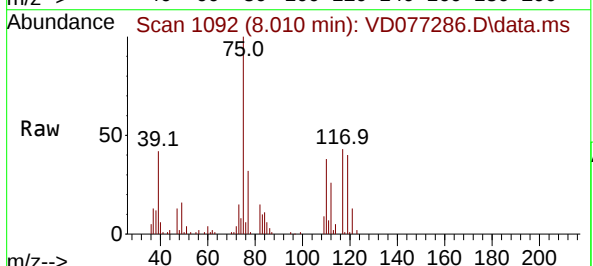
Delta R.T. 0.006 min

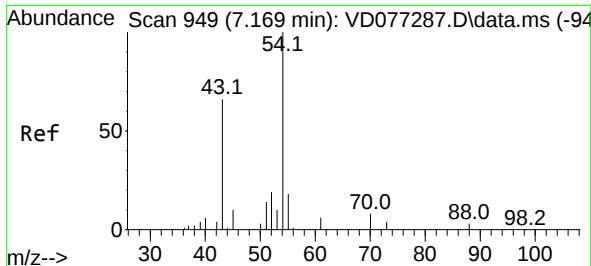
Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion: 75 Resp: 86159

Ion	Ratio	Lower	Upper
75	100		
110	35.6	19.9	59.6
77	32.7	24.7	37.1





#37

Ethyl Acetate

Concen: 18.971 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

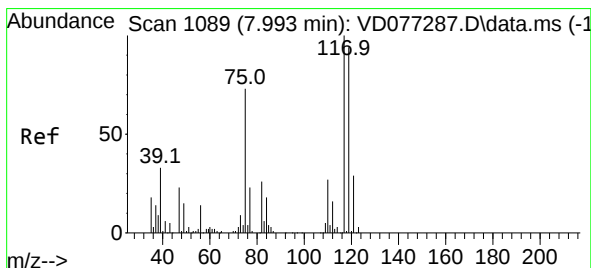
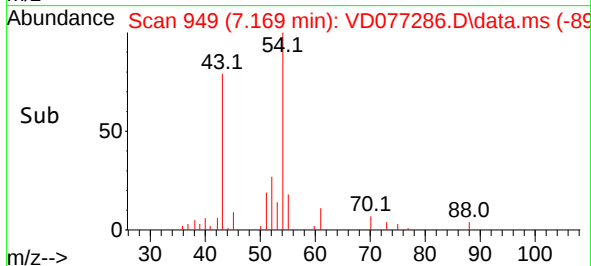
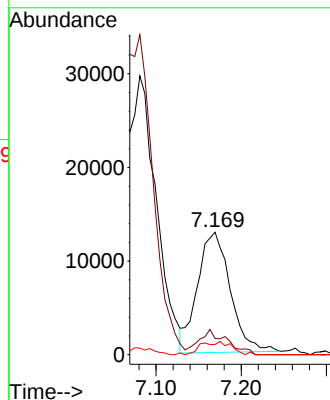
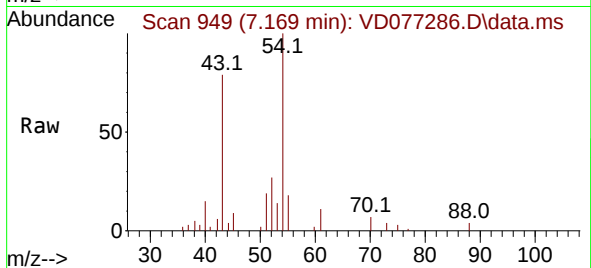
Tgt Ion: 43 Resp: 34330

Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.9	22.3
70	4.3	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: 19.942 ug/l

RT: 7.987 min Scan# 1088

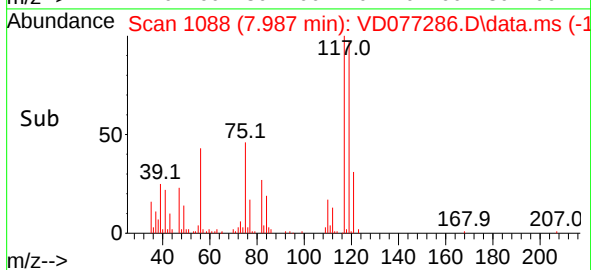
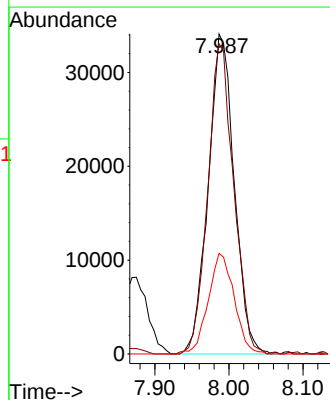
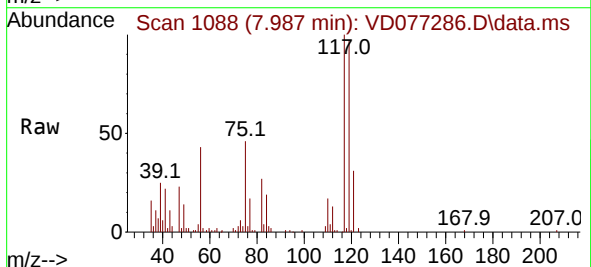
Delta R.T. -0.006 min

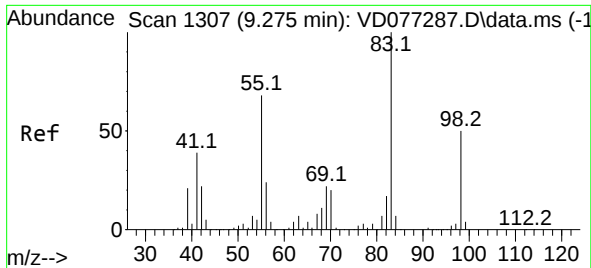
Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion:117 Resp: 83041

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.0	117.0
121	31.5	24.2	36.2





#39

Methylcyclohexane

Concen: 19.600 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

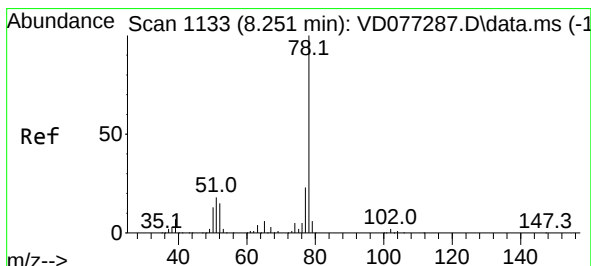
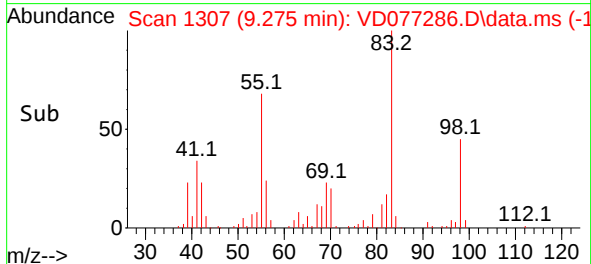
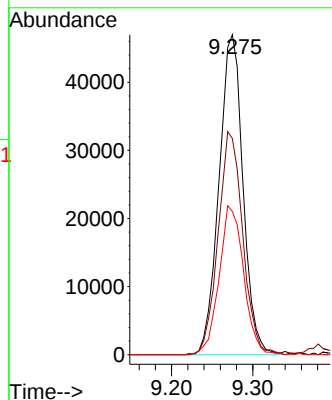
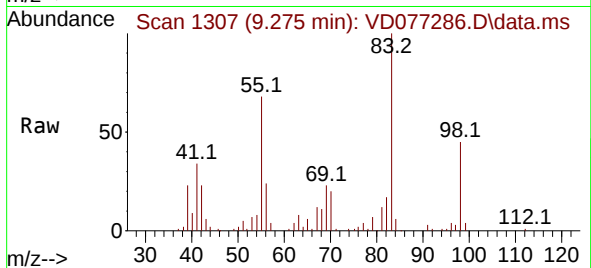
Tgt Ion: 83 Resp: 9647

Ion	Ratio	Lower	Upper
83	100		
55	67.5	49.4	74.0
98	44.7	38.4	57.6

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 19.533 ug/l

RT: 8.251 min Scan# 1133

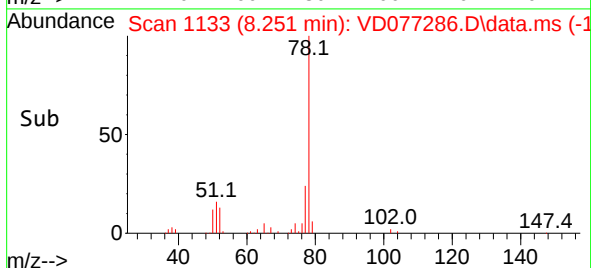
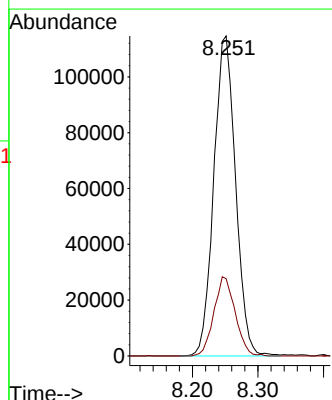
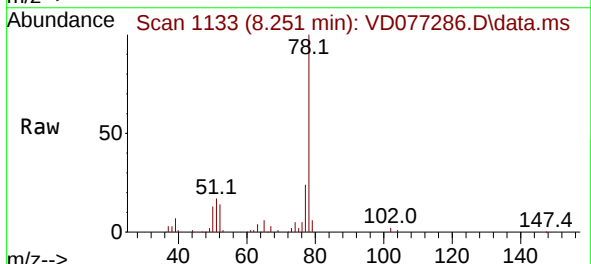
Delta R.T. 0.000 min

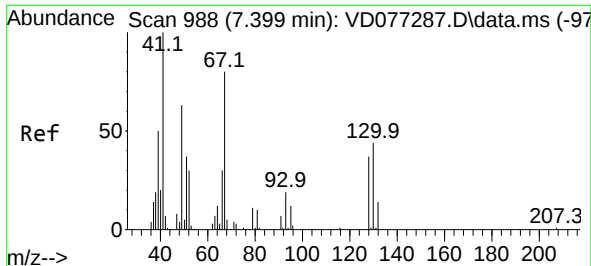
Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion: 78 Resp: 263990

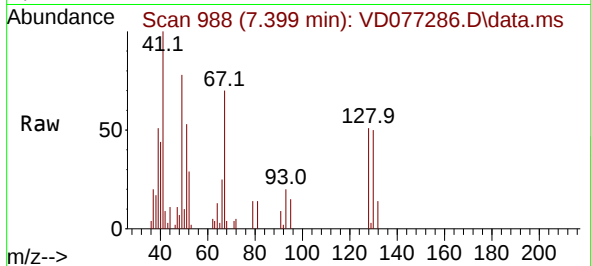
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





#41
Methacrylonitrile
Concen: 19.775 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

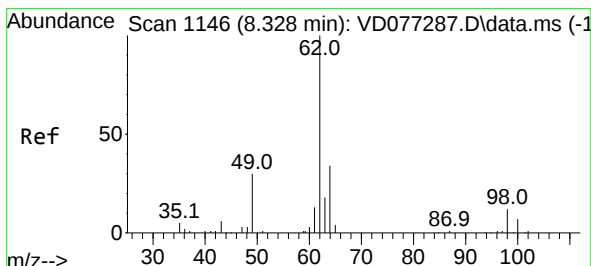
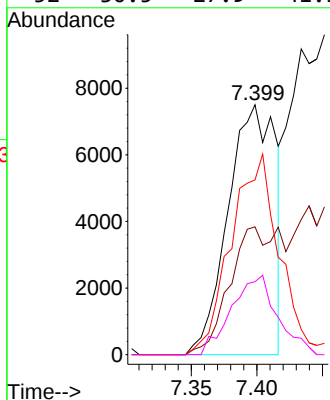
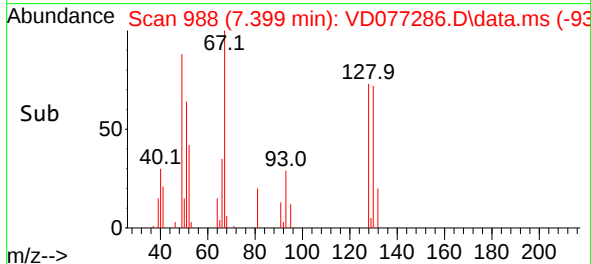
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1897
Ion Ratio Lower Upper
41 100
39 43.1 34.0 51.0
67 81.5 77.0 115.4
52 30.5 27.9 41.9

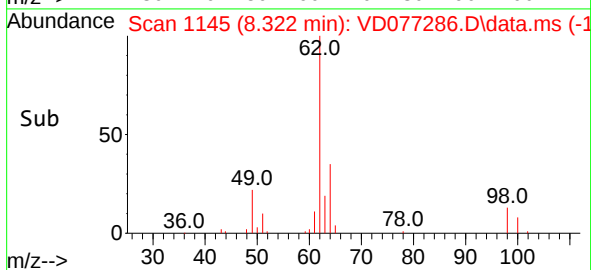
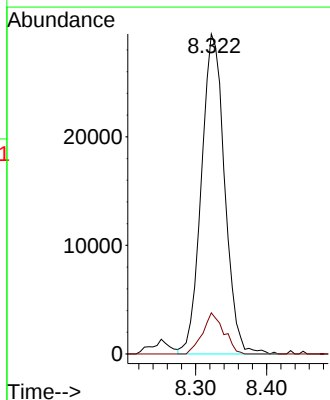
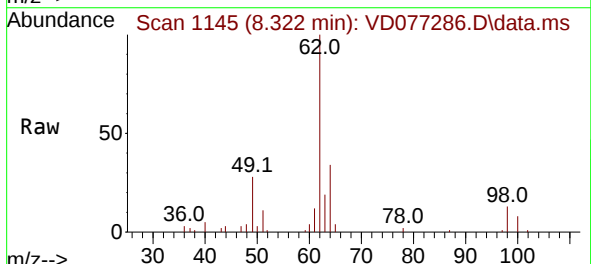
Manual Integrations
APPROVED

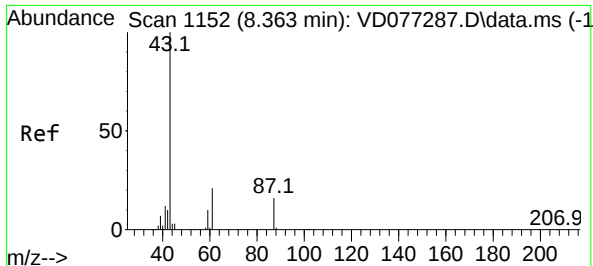
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#42
1,2-Dichloroethane
Concen: 20.598 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 62 Resp: 67093
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4





#43

Isopropyl Acetate

Concen: 20.388 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

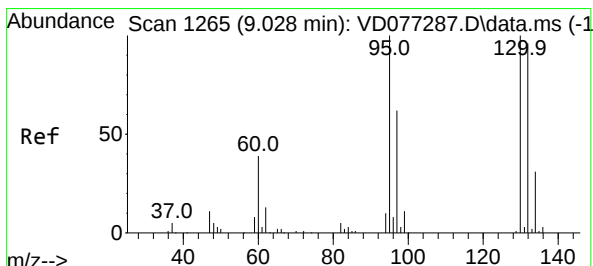
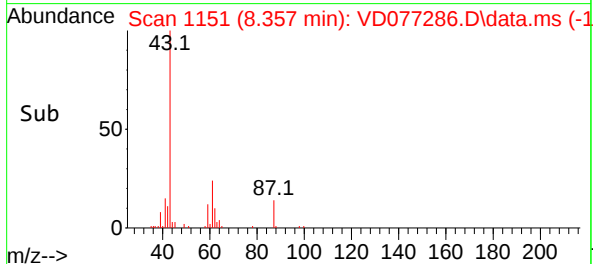
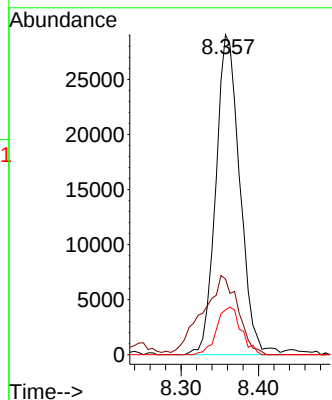
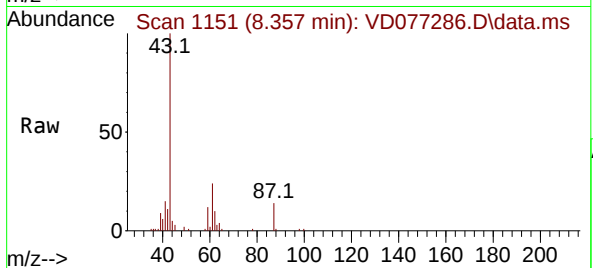
Tgt Ion: 43 Resp: 62749

Ion	Ratio	Lower	Upper
43	100		
61	36.4	31.4	47.0
87	15.1	14.9	22.3

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 19.291 ug/l

RT: 9.028 min Scan# 1265

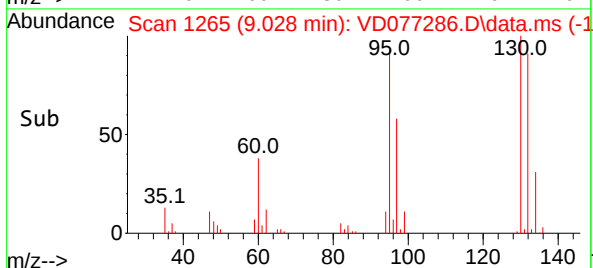
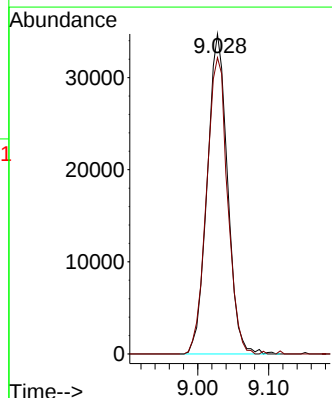
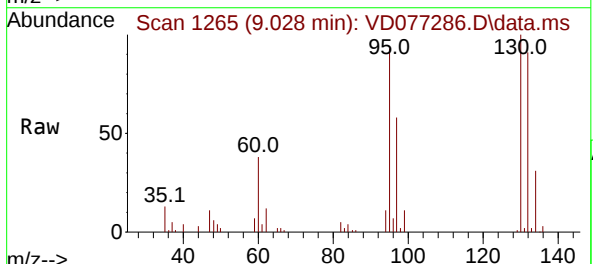
Delta R.T. 0.000 min

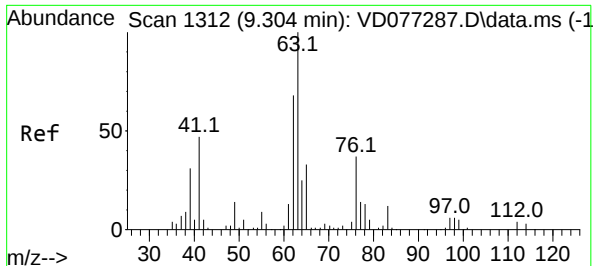
Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion:130 Resp: 69116

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	179.2





#45

1,2-Dichloropropane

Concen: 19.374 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 6620

Ion Ratio Lower Upper

63 100

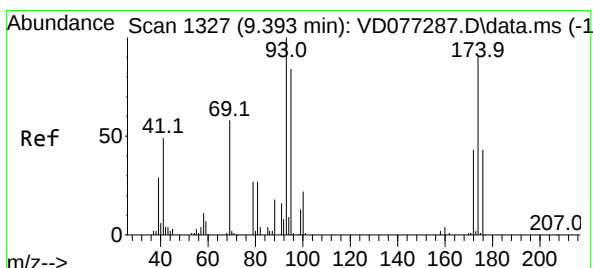
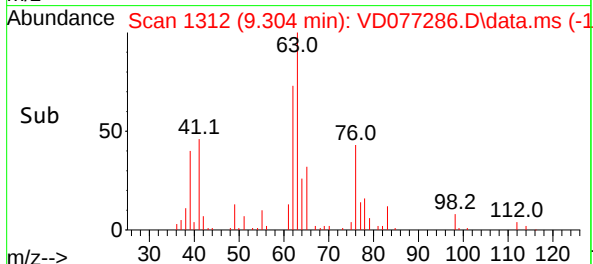
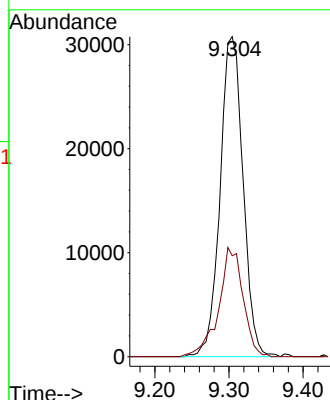
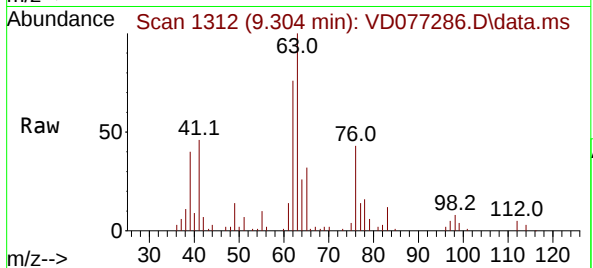
65 31.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#46

Dibromomethane

Concen: 20.173 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

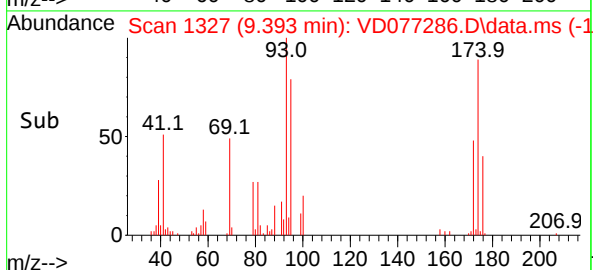
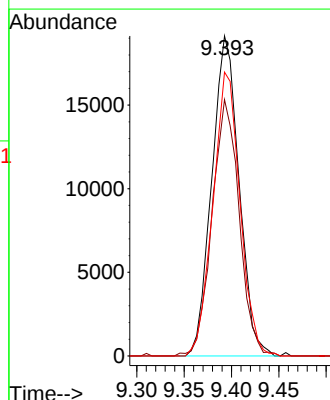
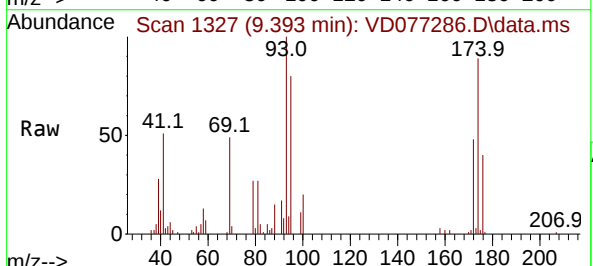
Tgt Ion: 93 Resp: 38231

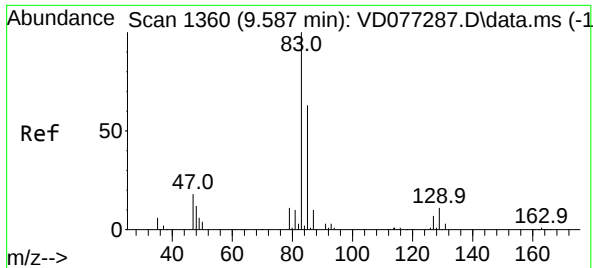
Ion Ratio Lower Upper

93 100

95 79.7 67.7 101.5

174 88.3 85.4 128.2





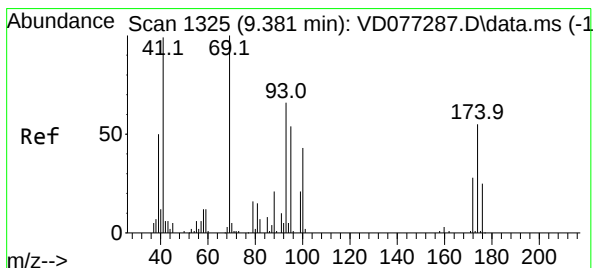
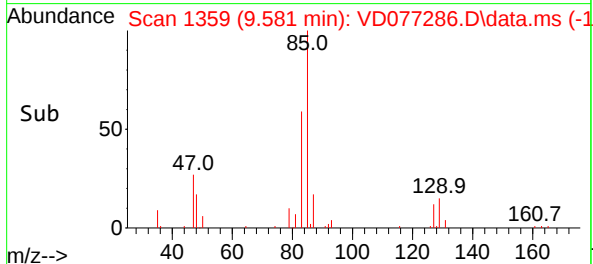
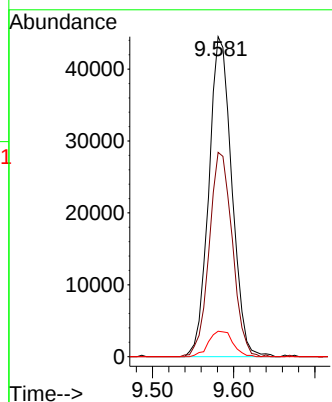
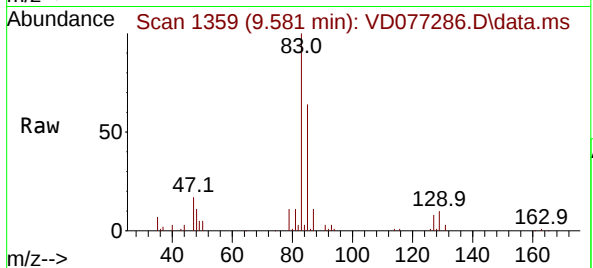
#47
Bromodichloromethane
Concen: 19.612 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 87548
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 8.0 6.3 9.5

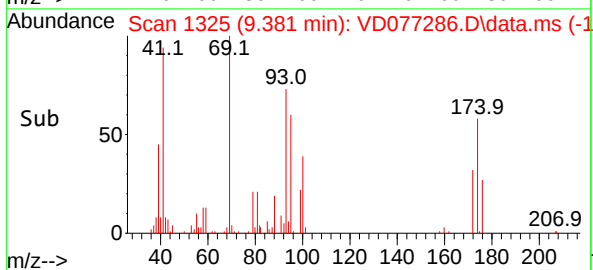
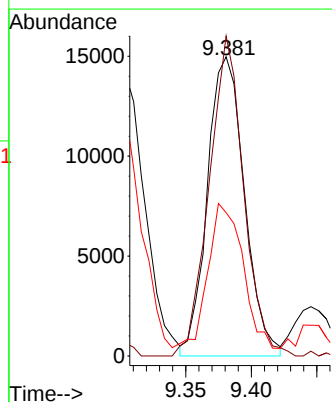
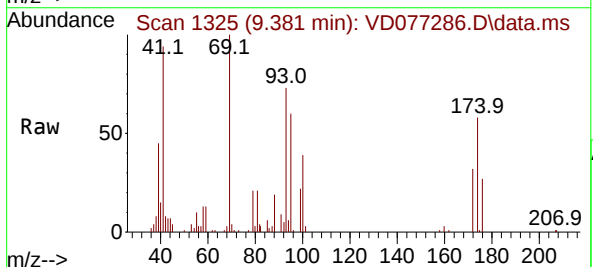
Manual Integrations
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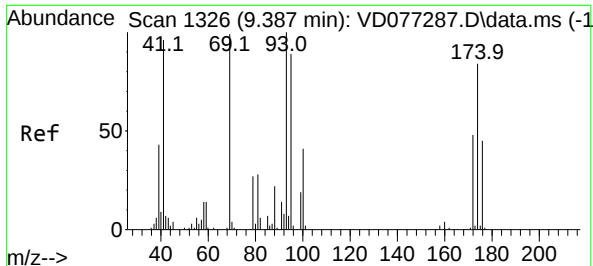
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#48
Methyl methacrylate
Concen: 20.660 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 41 Resp: 29412
Ion Ratio Lower Upper
41 100
69 99.4 102.2 153.2#
39 46.4 41.4 62.2





#49

1,4-Dioxane

Concen: 421.371 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 7069

Ion Ratio Lower Upper

88 100

43 35.9 19.0 28.6

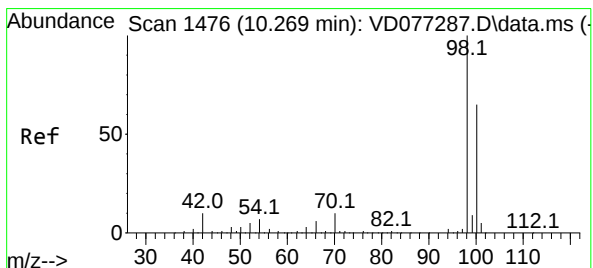
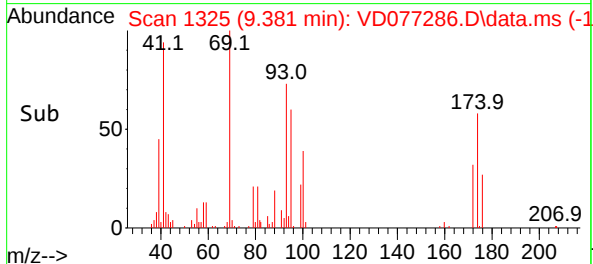
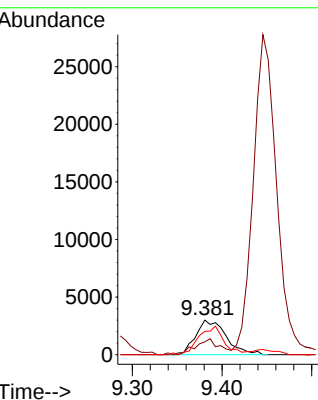
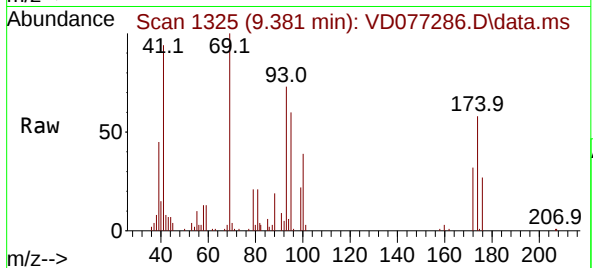
58 69.0 43.5 65.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#50

Toluene-d8

Concen: 18.182 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077286.D

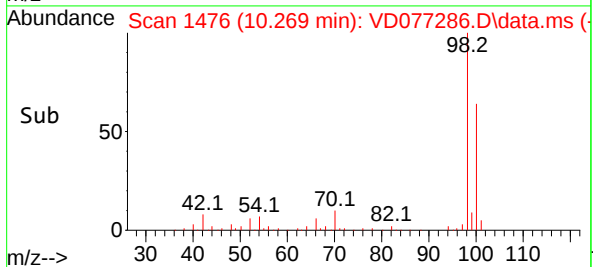
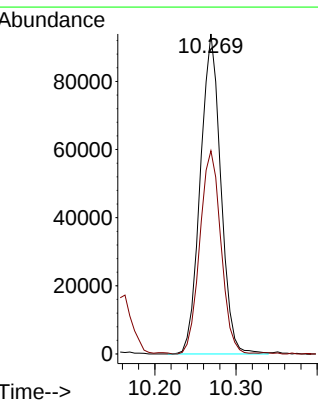
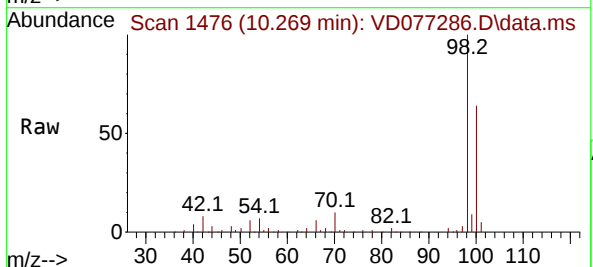
Acq: 06 Oct 2023 12:42

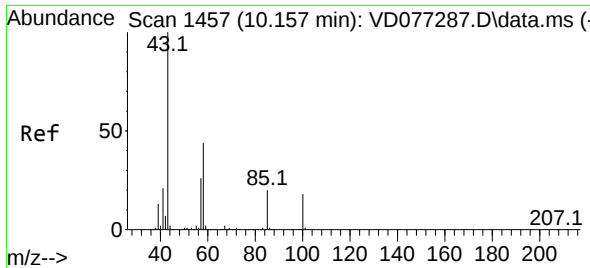
Tgt Ion: 98 Resp: 164785

Ion Ratio Lower Upper

98 100

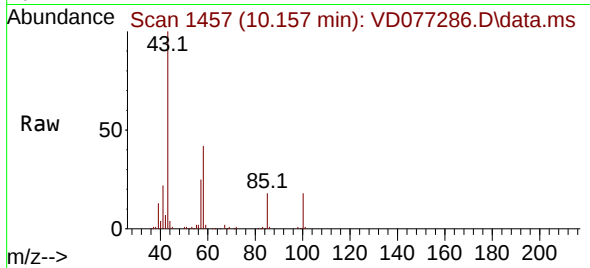
100 65.3 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 105.110 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

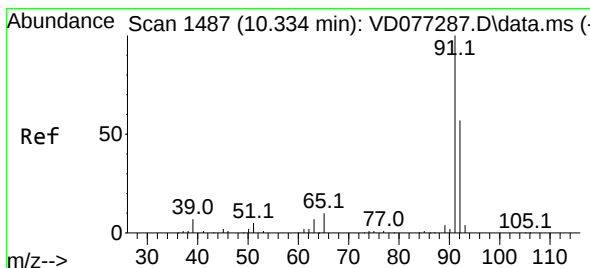
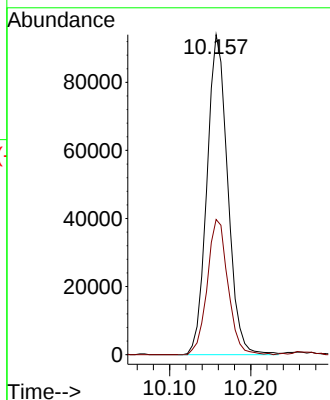
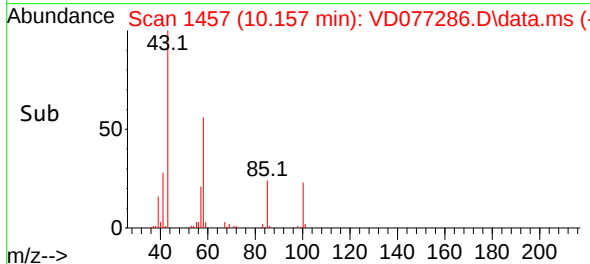
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



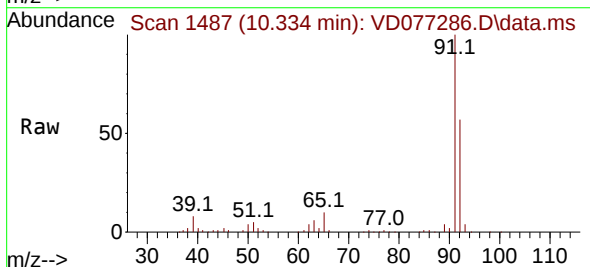
Tgt Ion: 43 Resp: 166702
Ion Ratio Lower Upper
43 100
58 42.1 38.9 58.3

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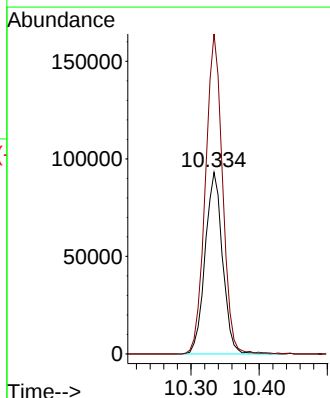
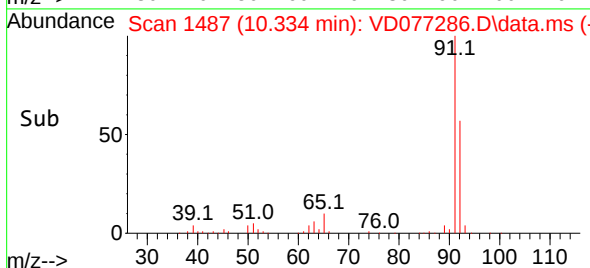
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

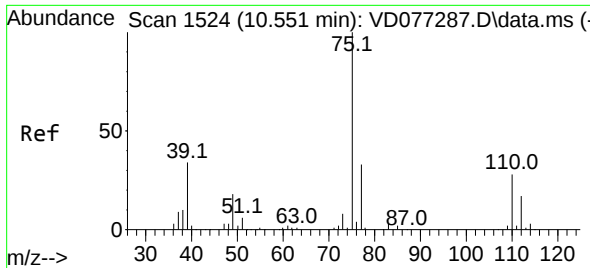


#52
Toluene
Concen: 19.994 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42



Tgt Ion: 92 Resp: 165386
Ion Ratio Lower Upper
92 100
91 173.1 143.0 214.4





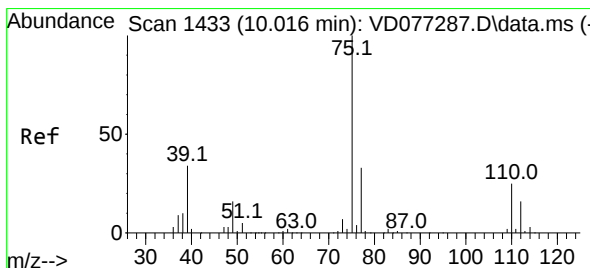
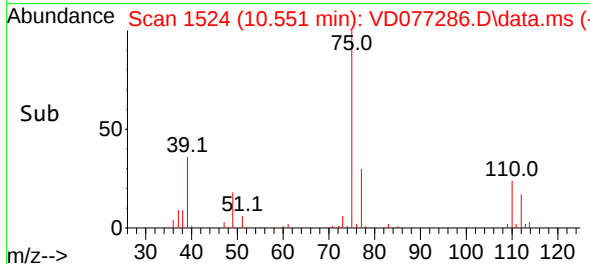
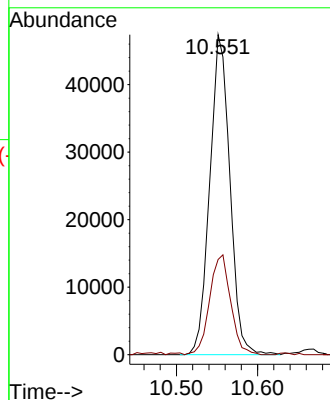
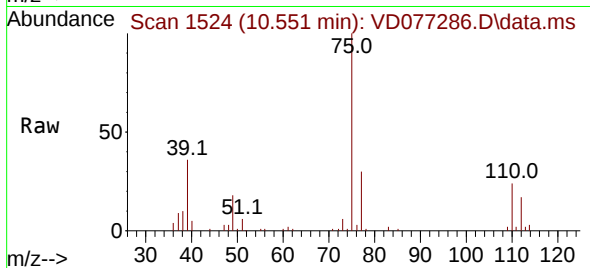
#53
 t-1,3-Dichloropropene
 Concen: 20.168 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077286.D
 Acq: 06 Oct 2023 12:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 8154
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.3 37.9

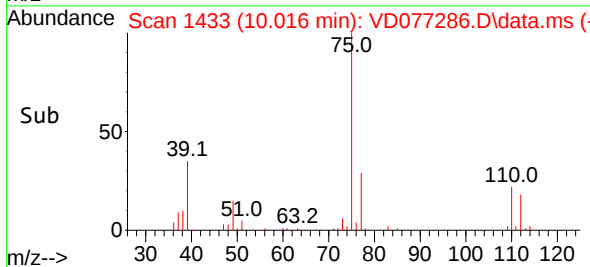
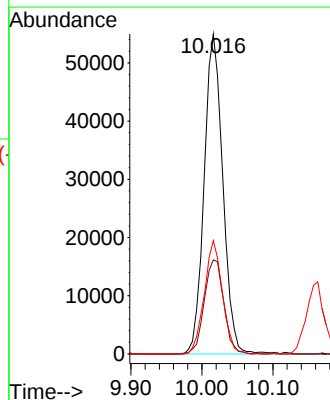
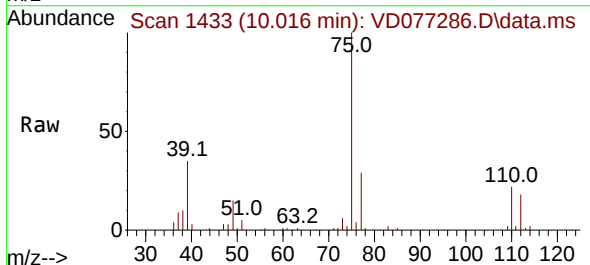
Manual Integrations
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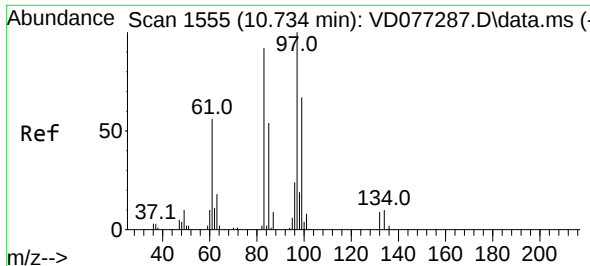
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.136 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077286.D
 Acq: 06 Oct 2023 12:42

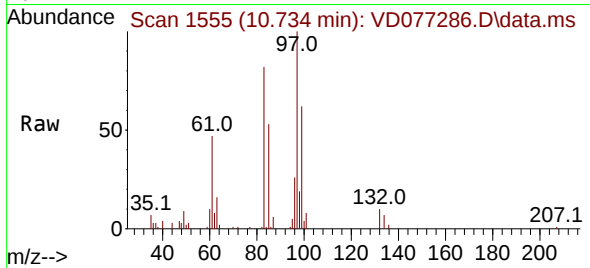
Tgt Ion: 75 Resp: 100585
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.5 38.3
 39 35.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.001 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

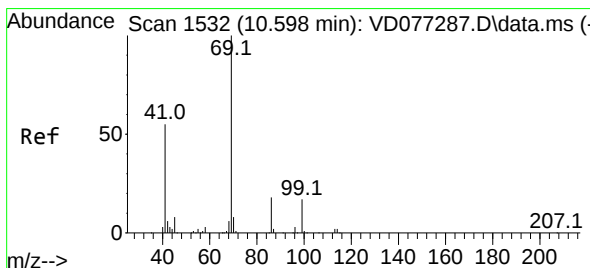
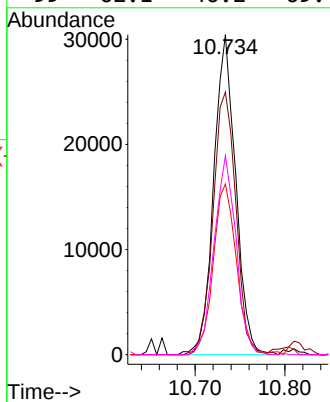
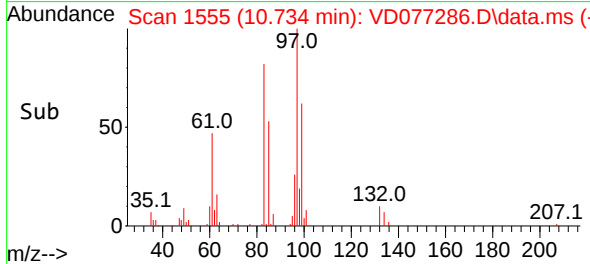
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.8	98.6
85	53.4	45.7	68.5
99	62.1	46.2	69.4

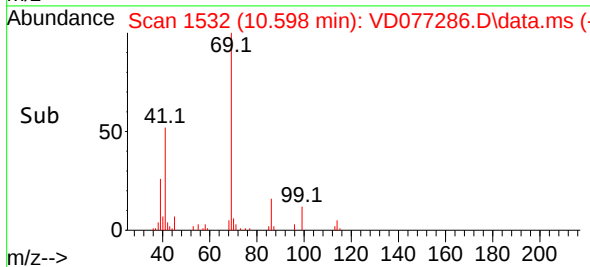
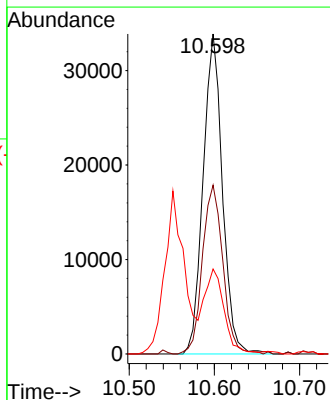
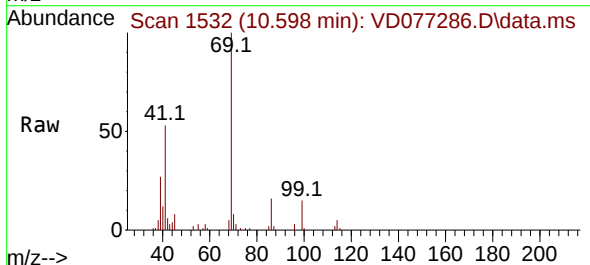
Manual Integrations
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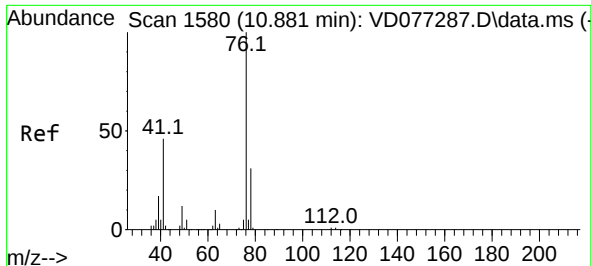
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#56
Ethyl methacrylate
Concen: 20.849 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.7	39.1	58.7
39	26.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.984 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 81699

Ion Ratio Lower Upper

76 100

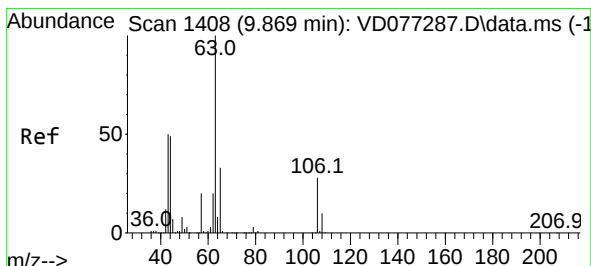
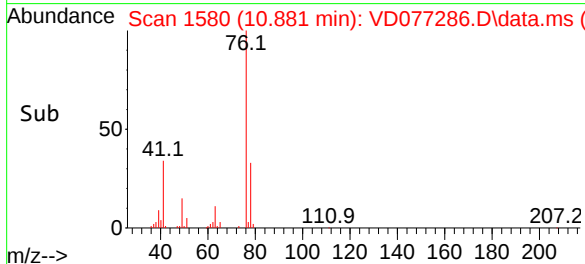
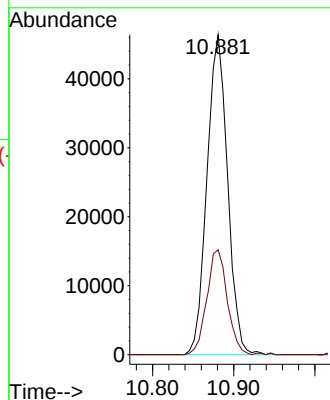
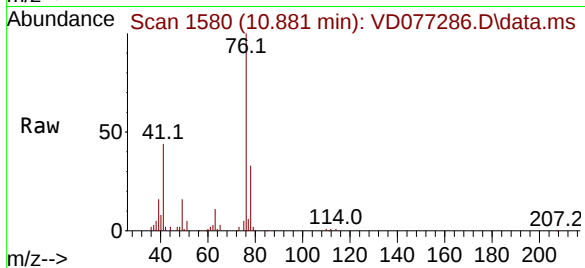
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 167.067 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077286.D

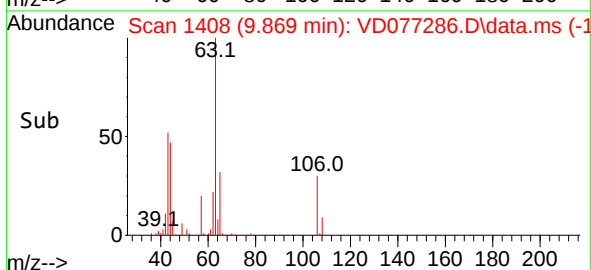
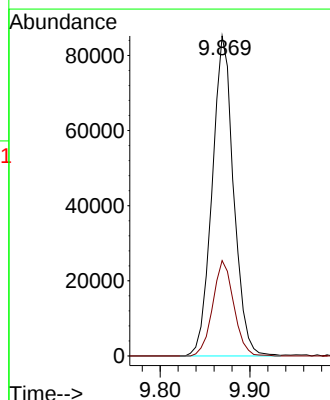
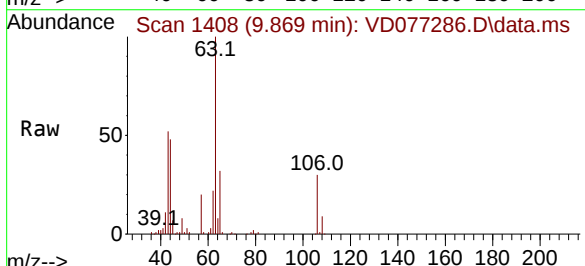
Acq: 06 Oct 2023 12:42

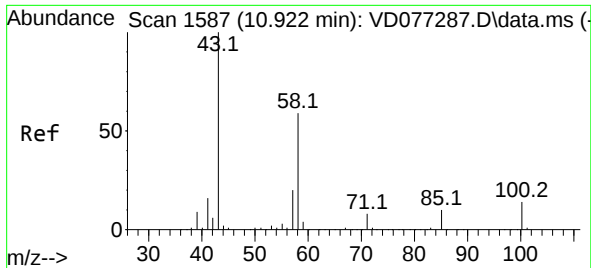
Tgt Ion: 63 Resp: 141546

Ion Ratio Lower Upper

63 100

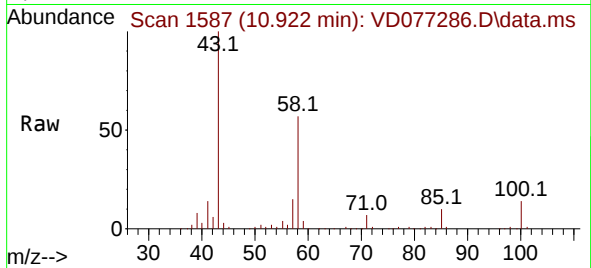
106 29.2 25.3 37.9





#59
2-Hexanone
Concen: 107.353 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

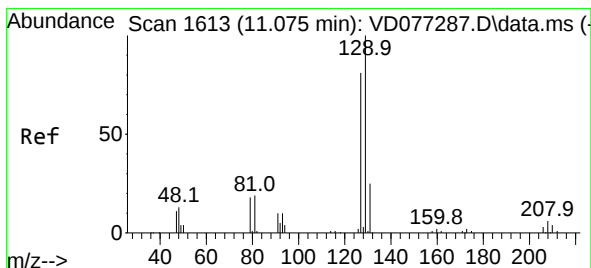
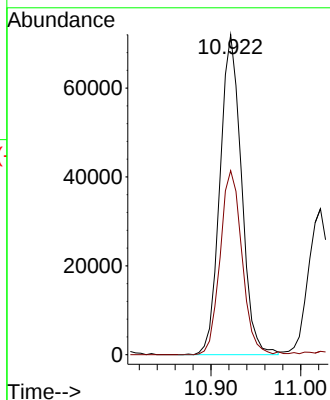
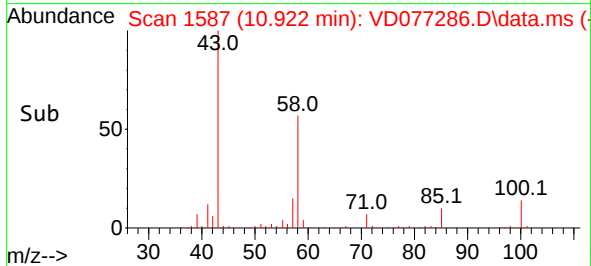
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 119799
Ion Ratio Lower Upper
43 100
58 58.3 34.1 102.2

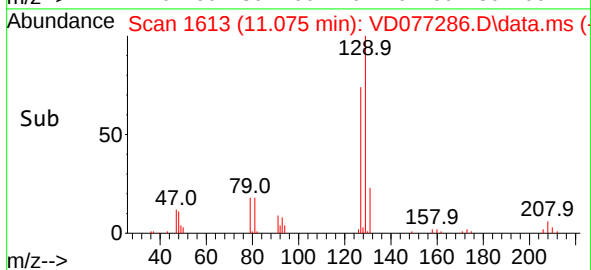
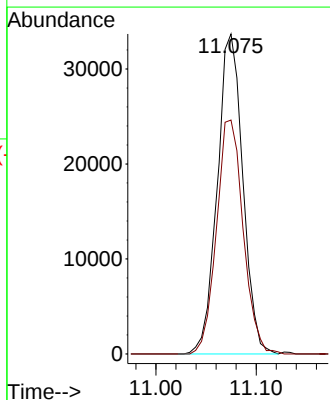
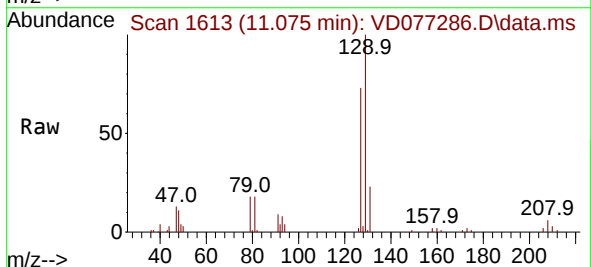
Manual Integrations
APPROVED

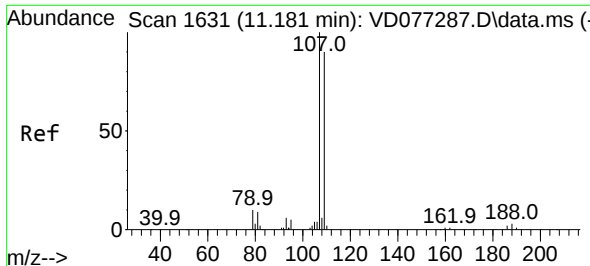
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#60
Dibromochloromethane
Concen: 20.559 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

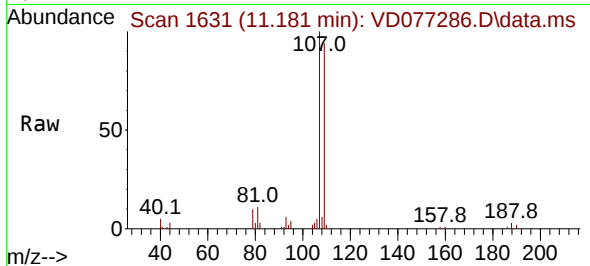
Tgt Ion:129 Resp: 59509
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.417 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

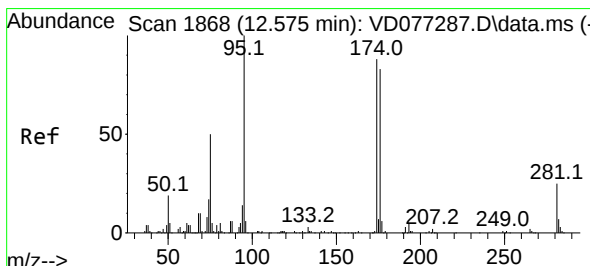
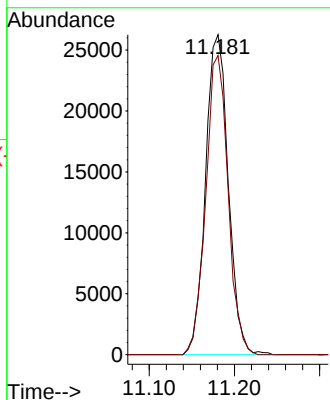
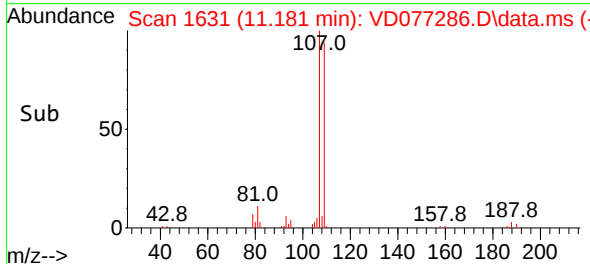
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



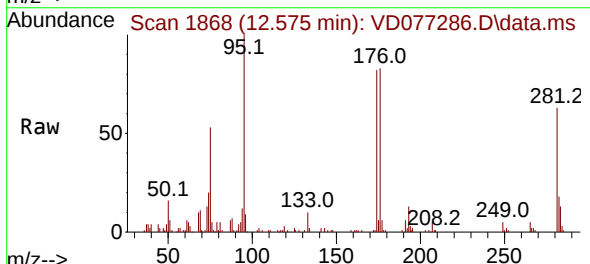
Tgt Ion:107 Resp: 4864
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4

Manual Integrations
APPROVED

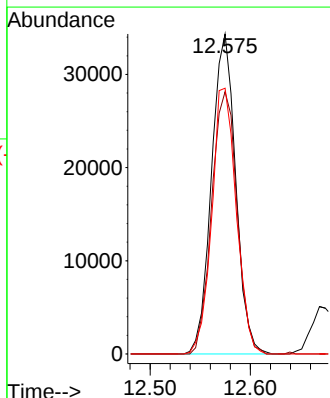
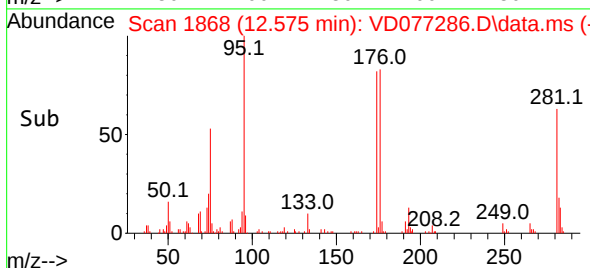
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

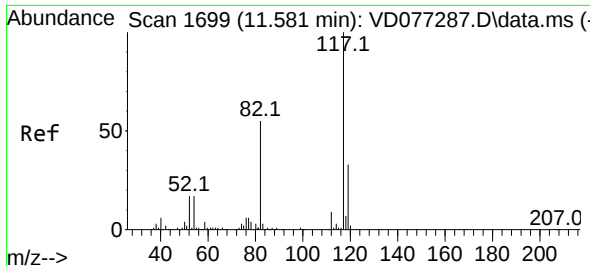


#62
4-Bromofluorobenzene
Concen: 19.049 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42



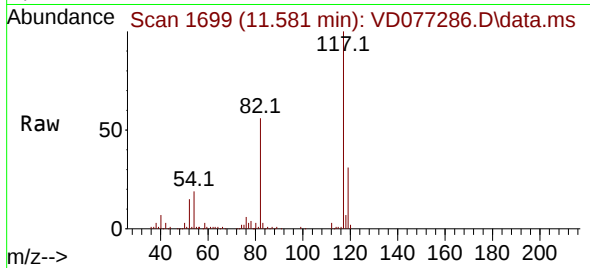
Tgt Ion: 95 Resp: 57289
Ion Ratio Lower Upper
95 100
174 86.3 0.0 201.8
176 84.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

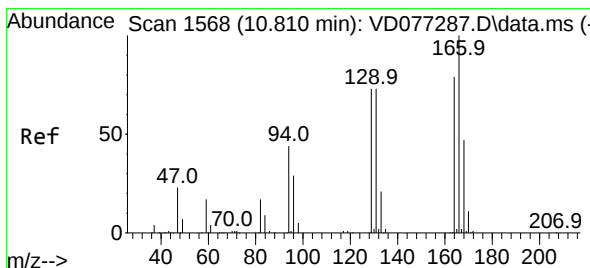
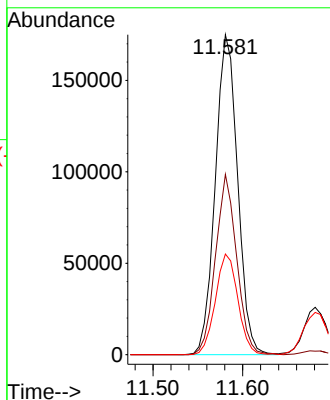
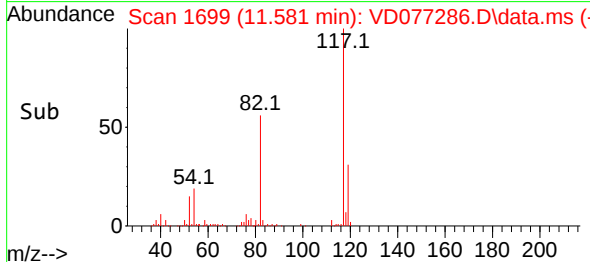
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 302044
Ion Ratio Lower Upper
117 100
82 56.4 38.3 57.5
119 31.4 25.0 37.4

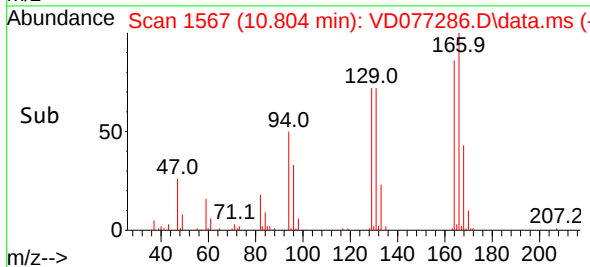
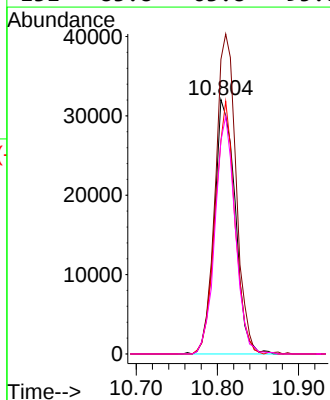
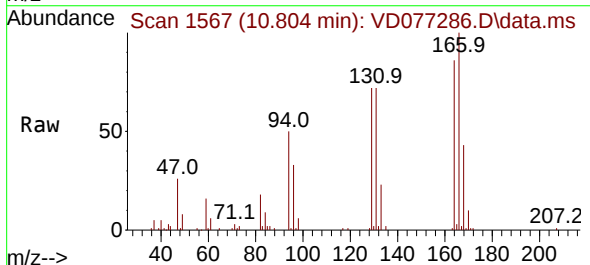
Manual Integrations
APPROVED

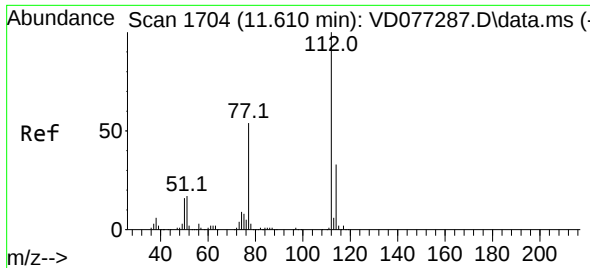
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#64
Tetrachloroethene
Concen: 19.639 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

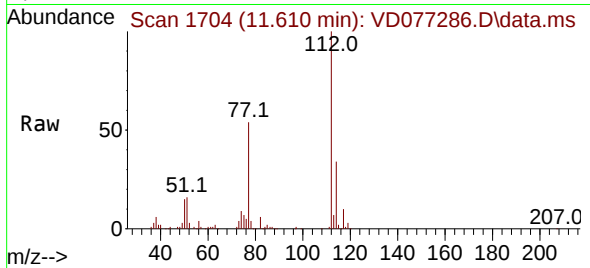
Tgt Ion:164 Resp: 57045
Ion Ratio Lower Upper
164 100
166 115.8 99.2 148.8
129 83.8 68.4 102.6
131 83.8 63.8 95.8





#65
Chlorobenzene
Concen: 19.675 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

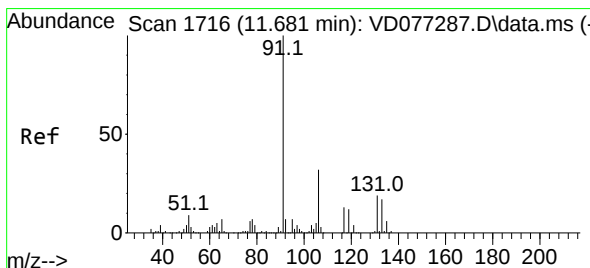
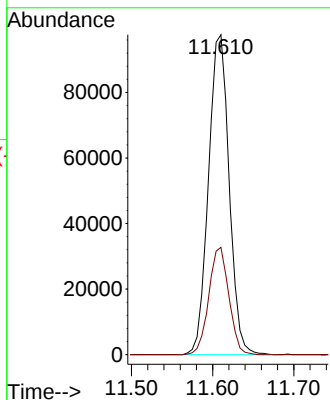
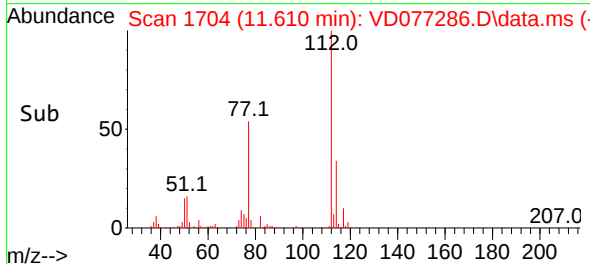
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



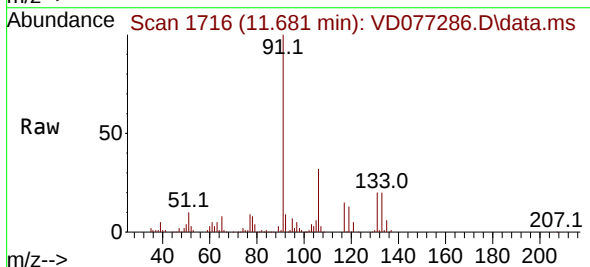
Tgt Ion:112 Resp: 17259
Ion Ratio Lower Upper
112 100
114 33.5 25.1 37.7

Manual Integrations
APPROVED

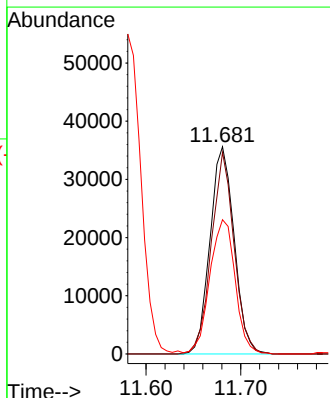
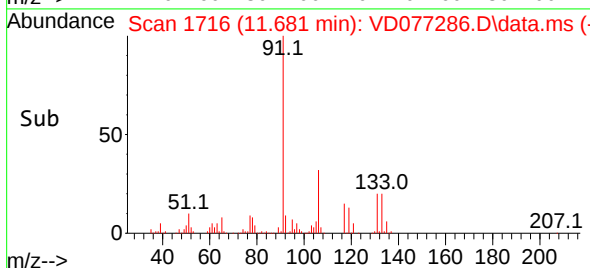
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

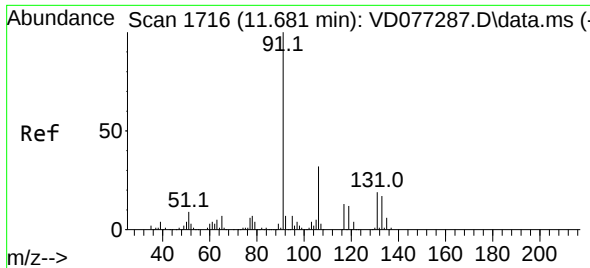


#66
1,1,1,2-Tetrachloroethane
Concen: 20.128 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42



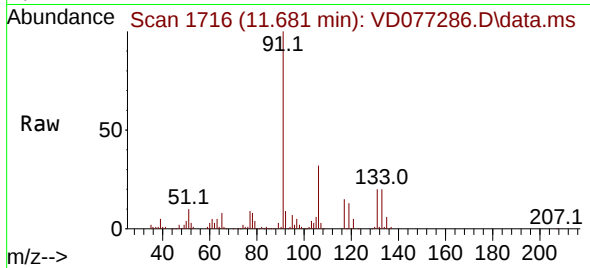
Tgt Ion:131 Resp: 62931
Ion Ratio Lower Upper
131 100
133 91.9 48.5 145.5
119 68.3 35.6 106.9





#67
Ethyl Benzene
Concen: 20.039 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

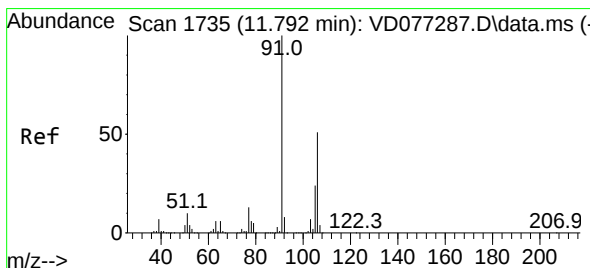
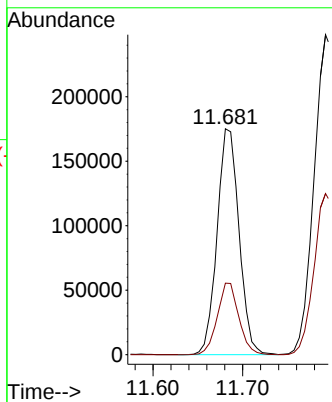
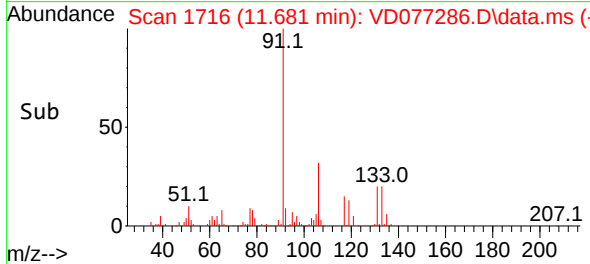
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 297660
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7

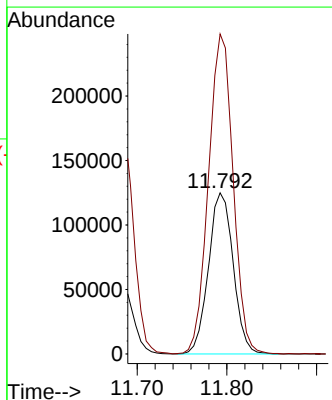
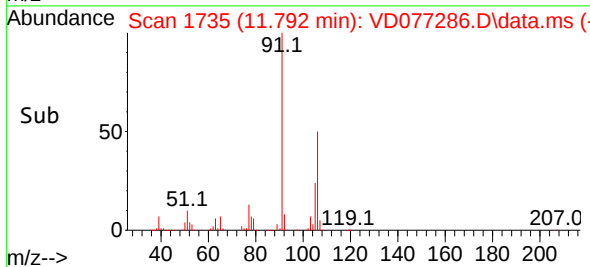
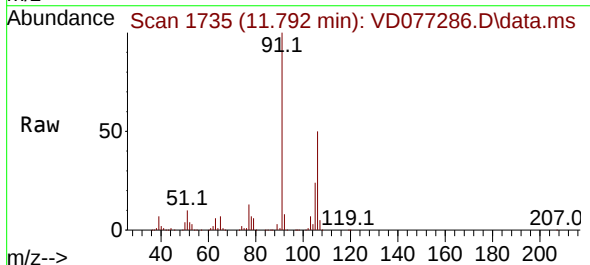
Manual Integrations
APPROVED

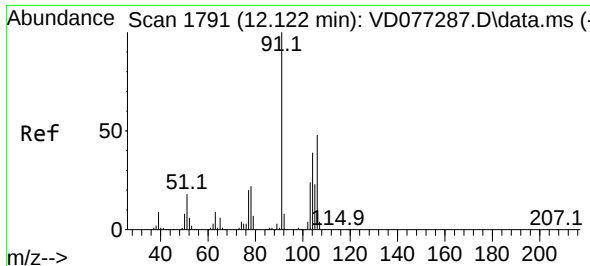
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#68
m/p-Xylenes
Concen: 40.890 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

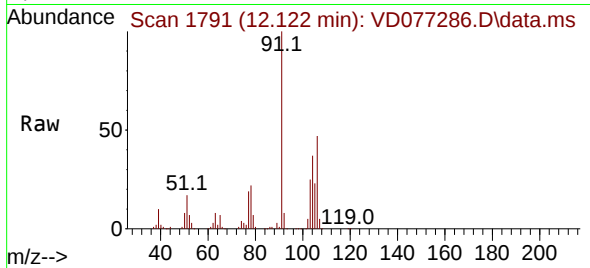
Tgt Ion:106 Resp: 238828
Ion Ratio Lower Upper
106 100
91 198.0 147.0 220.6





#69
o-Xylene
Concen: 19.957 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

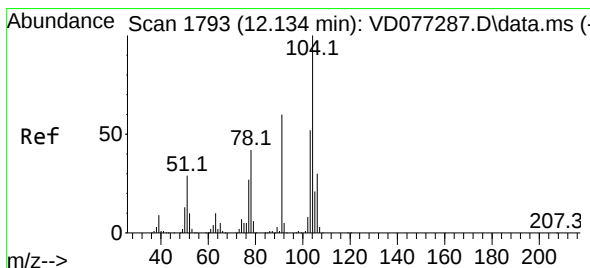
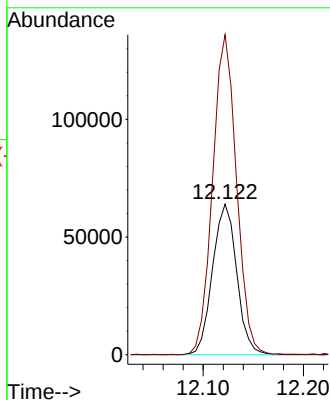
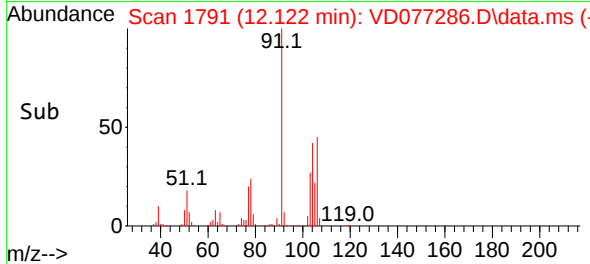
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



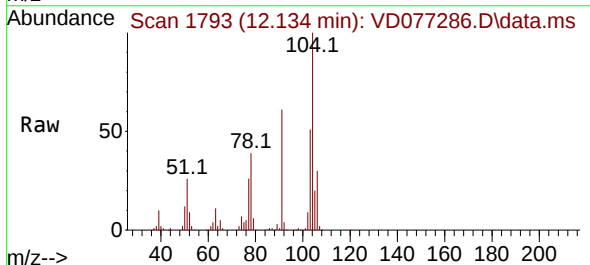
Tgt Ion:106 Resp: 106910
Ion Ratio Lower Upper
106 100
91 210.6 97.9 293.6

Manual Integrations
APPROVED

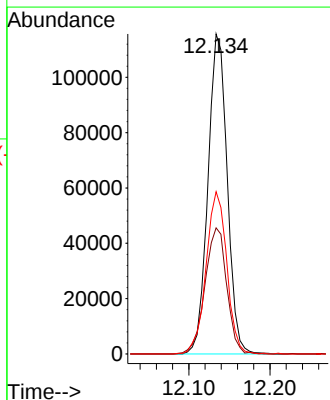
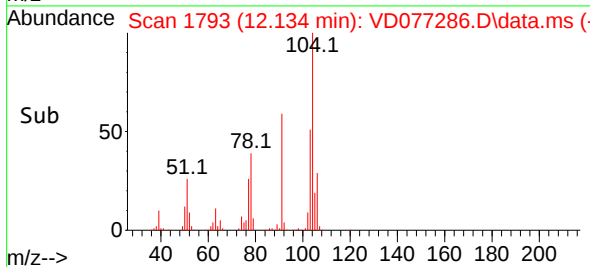
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

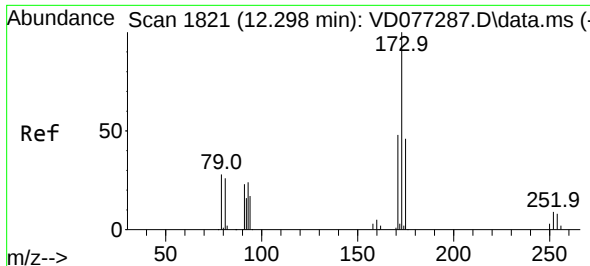


#70
Styrene
Concen: 20.892 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42



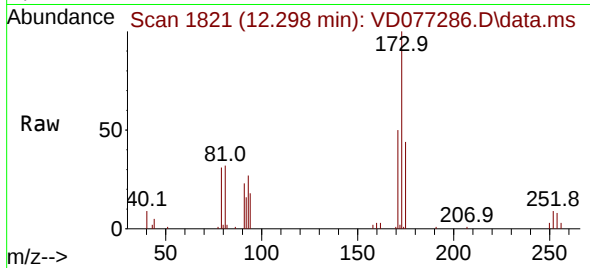
Tgt Ion:104 Resp: 190559
Ion Ratio Lower Upper
104 100
78 44.5 33.2 49.8
103 54.4 43.6 65.4





#71
Bromoform
Concen: 19.215 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

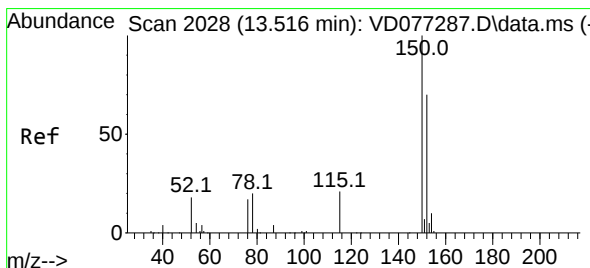
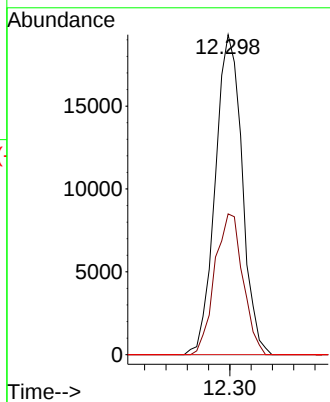
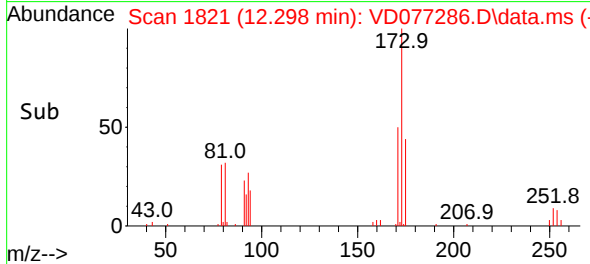
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 33779
Ion Ratio Lower Upper
173 100
175 46.0 24.6 73.8
254 0.0 0.0 0.0

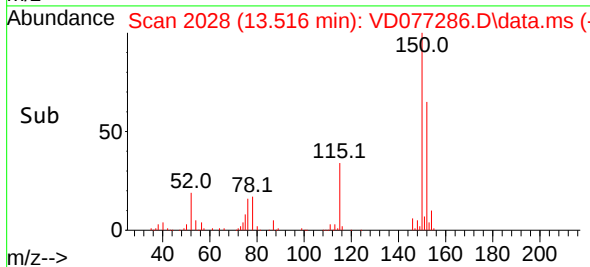
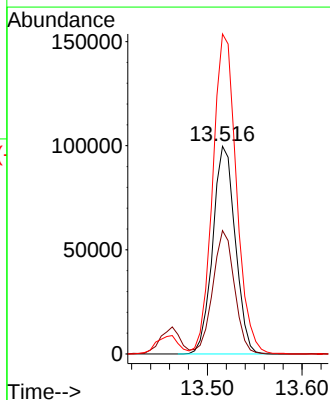
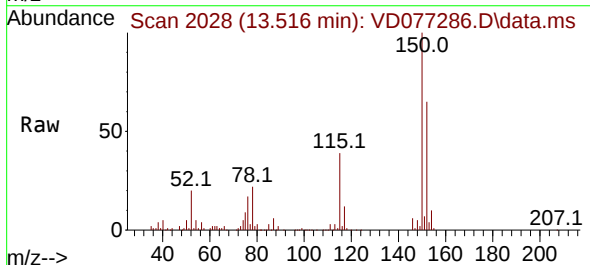
Manual Integrations
APPROVED

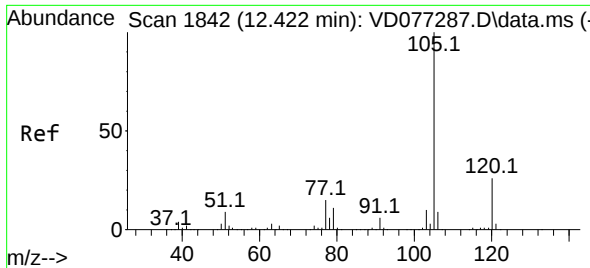
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion:152 Resp: 164868
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 162.1 0.0 353.6





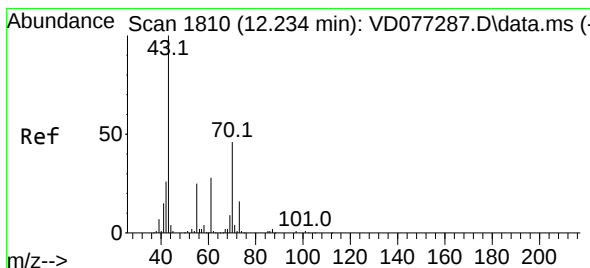
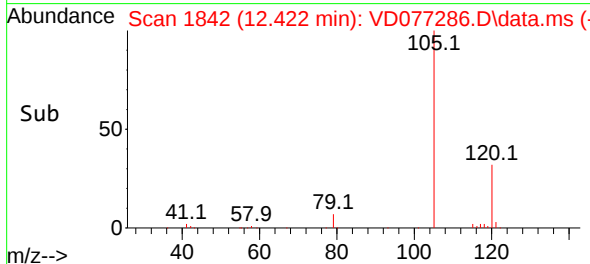
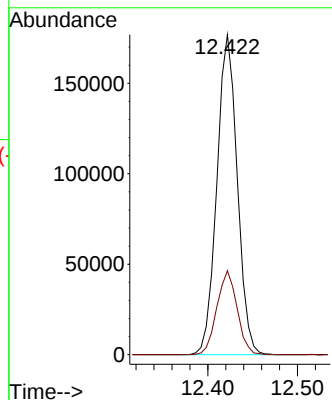
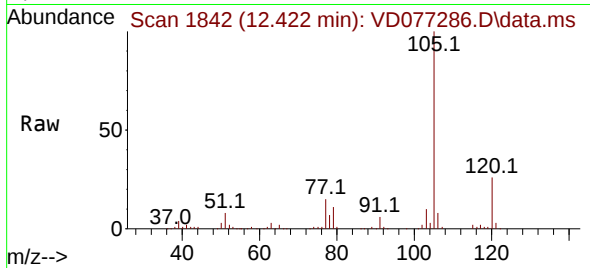
#73
Isopropylbenzene
Concen: 18.943 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 279369
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9

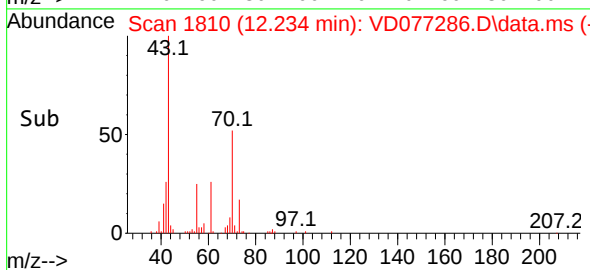
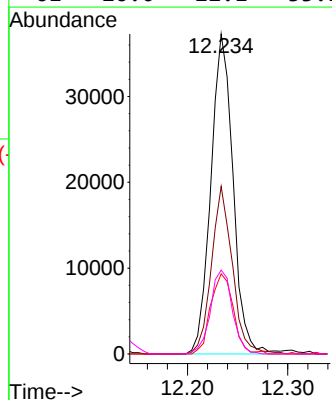
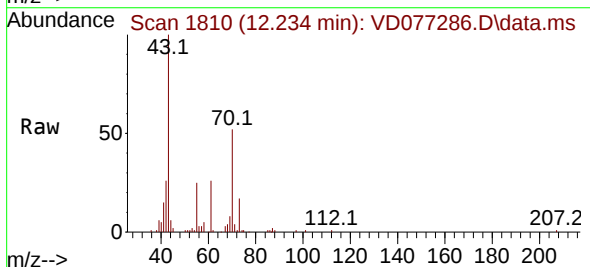
Manual Integrations
APPROVED

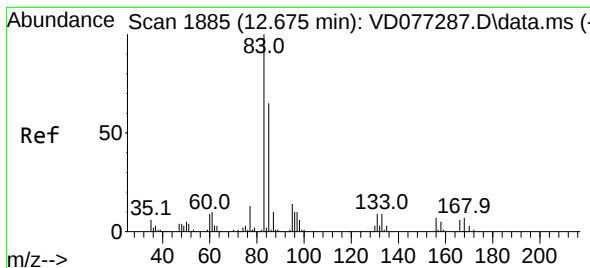
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#74
N-ethyl acetate
Concen: 19.096 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 43 Resp: 57329
Ion Ratio Lower Upper
43 100
70 49.5 45.0 67.4
55 25.6 23.8 35.6
61 26.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.422 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

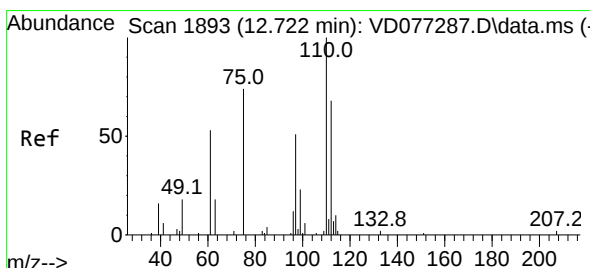
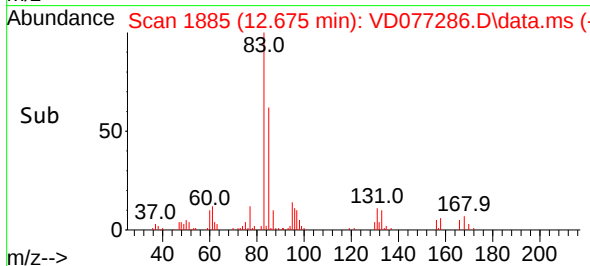
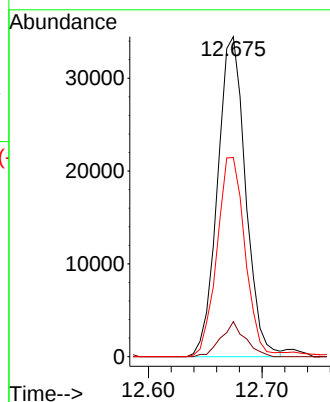
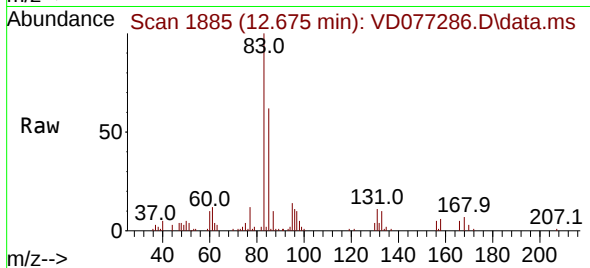
VSTDICC020

Tgt Ion:	83	Resp:	5917
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.1	15.3
85	62.7	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: 15.223 ug/l m

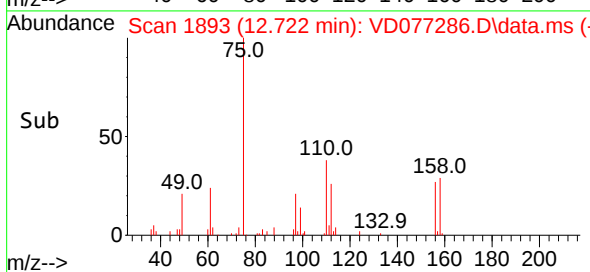
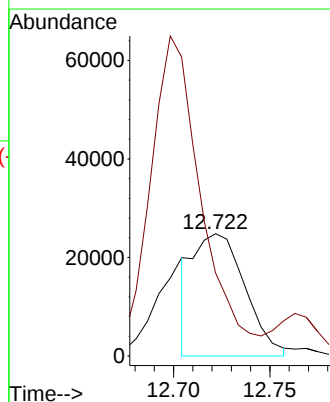
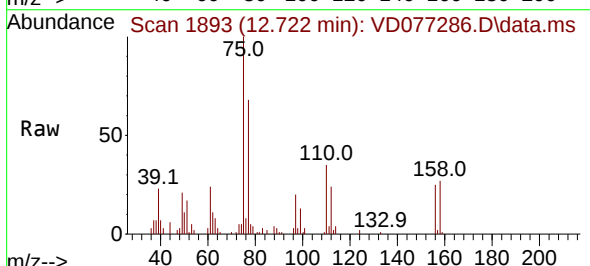
RT: 12.722 min Scan# 1893

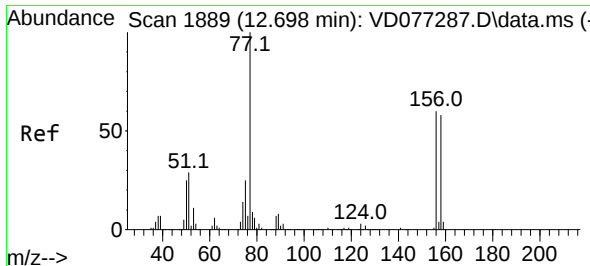
Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion:	75	Resp:	46338
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





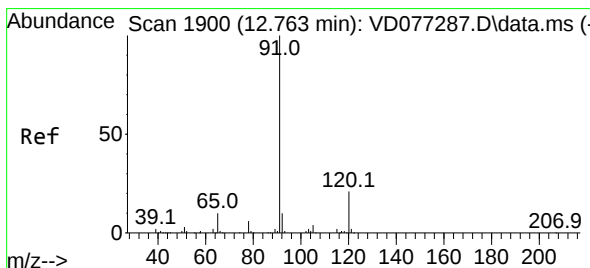
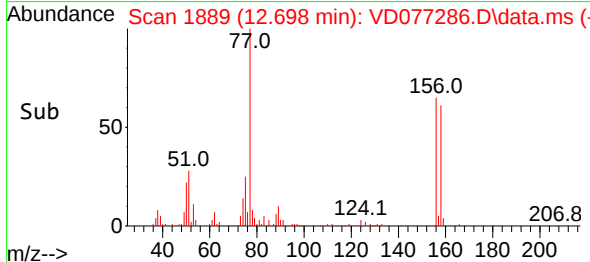
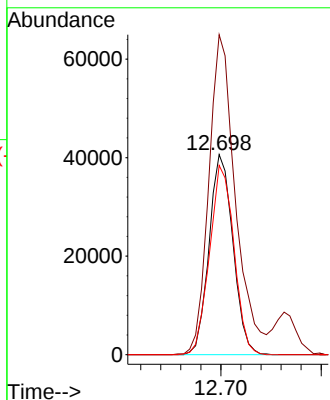
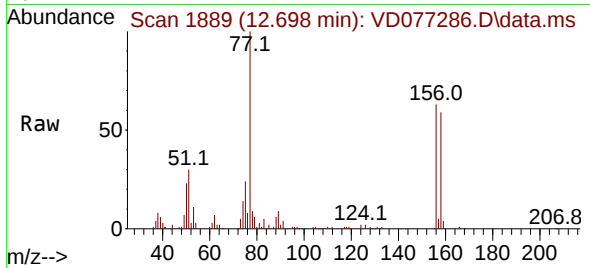
#77
Bromobenzene
Concen: 18.832 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 67292
Ion Ratio Lower Upper
156 100
77 178.4 76.8 230.4
158 96.4 48.6 145.9

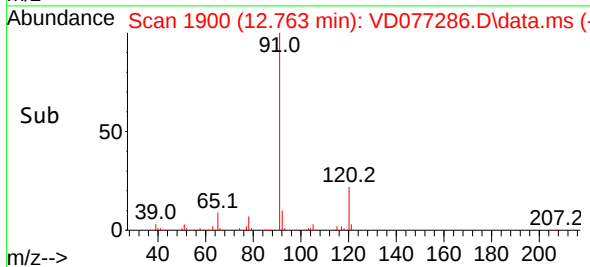
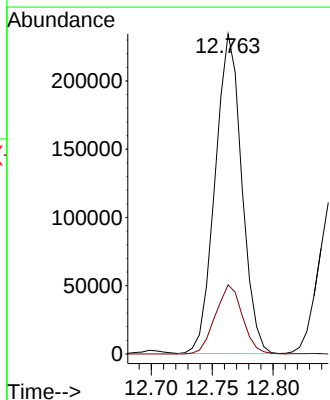
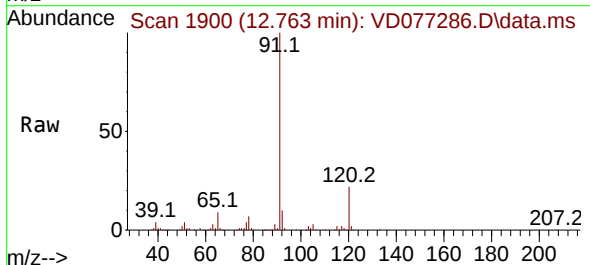
Manual Integrations
APPROVED

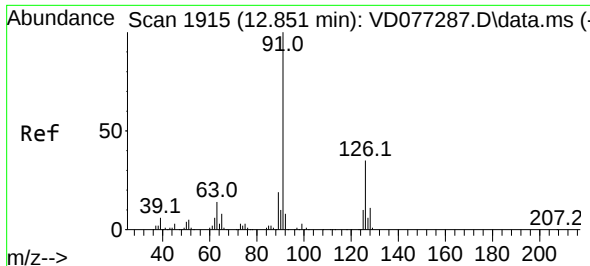
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#78
n-propylbenzene
Concen: 19.113 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion: 91 Resp: 356650
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2





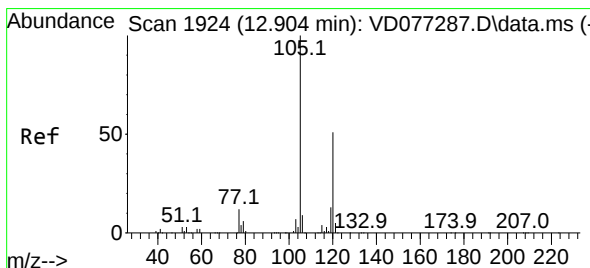
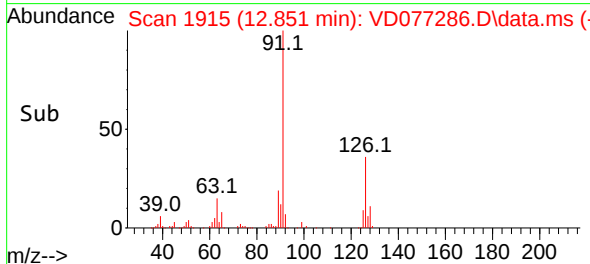
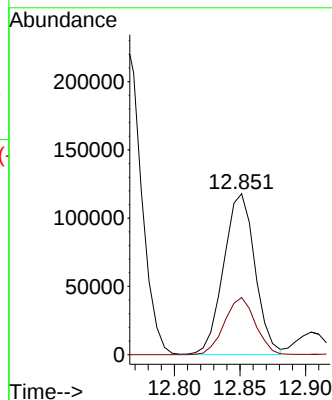
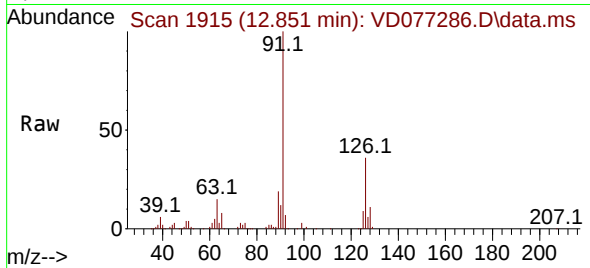
#79
2-Chlorotoluene
Concen: 19.422 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 19596
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.1

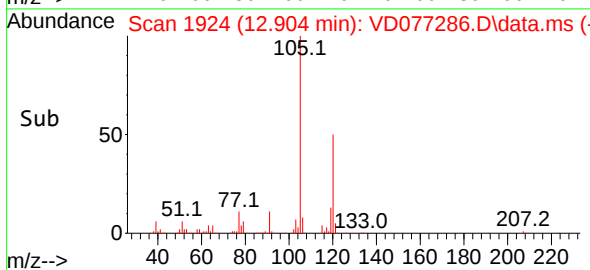
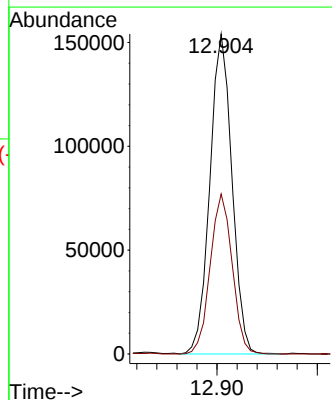
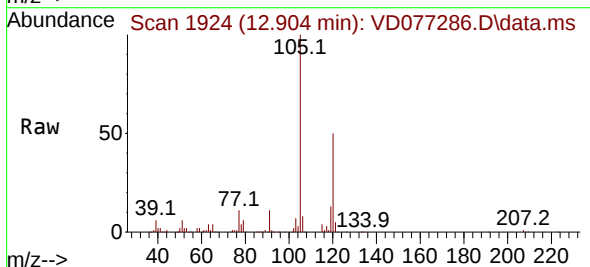
Manual Integrations
APPROVED

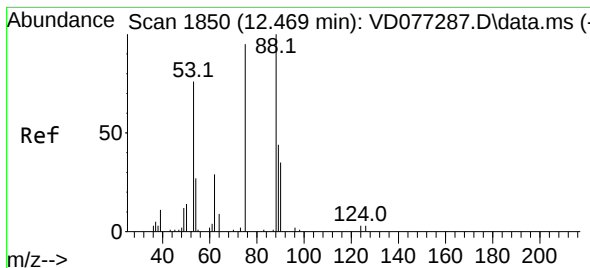
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.109 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

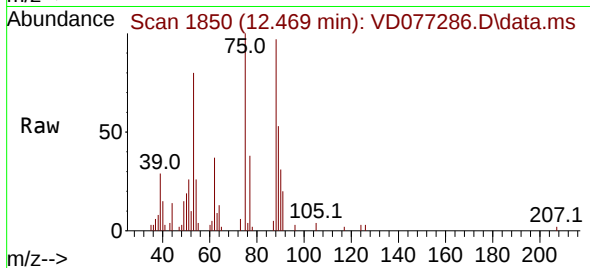
Tgt Ion:105 Resp: 235786
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 6.424 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

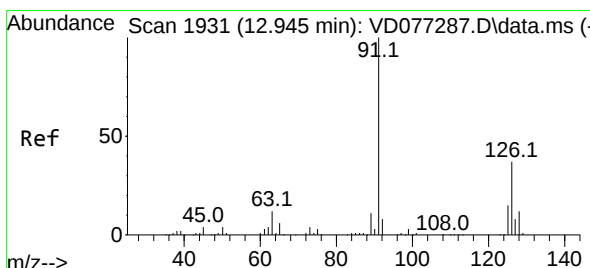
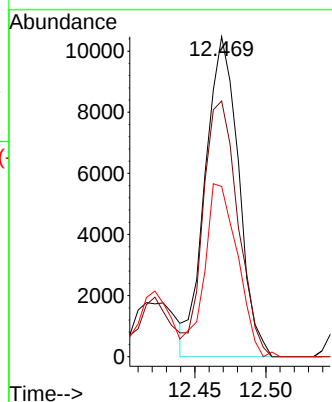
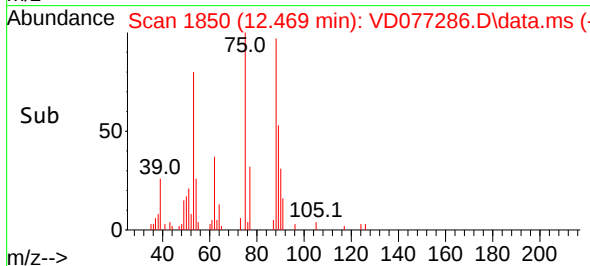
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



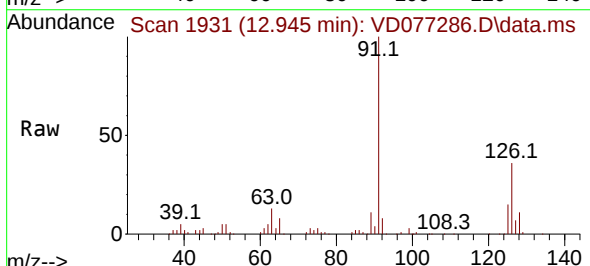
Tgt Ion: 75 Resp: 17094
Ion Ratio Lower Upper
75 100
53 81.5 63.0 94.4
89 53.8 37.9 56.9

Manual Integrations
APPROVED

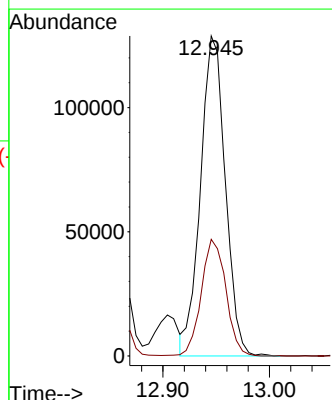
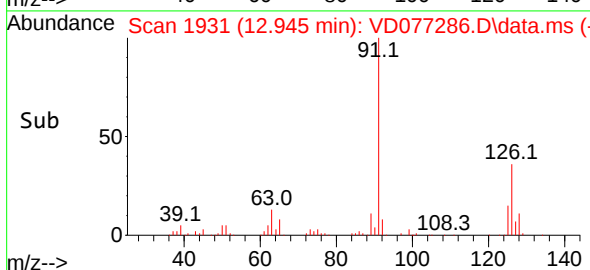
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

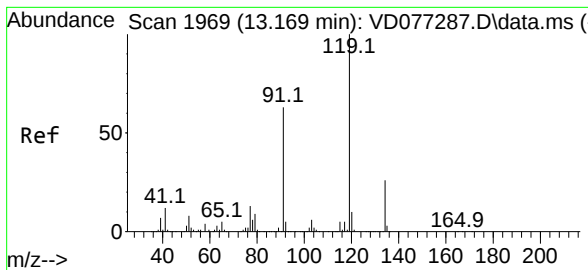


#82
4-Chlorotoluene
Concen: 19.362 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42



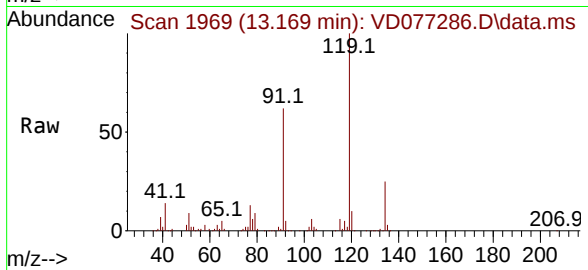
Tgt Ion: 91 Resp: 208794
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 18.617 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

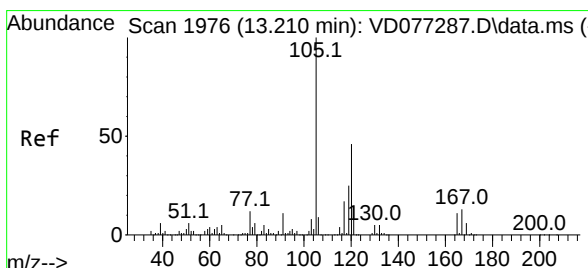
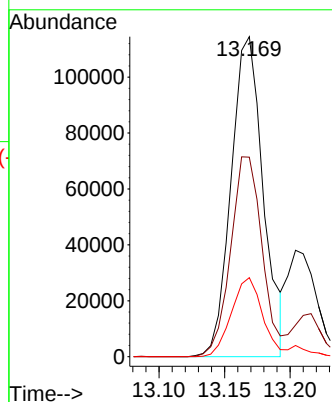
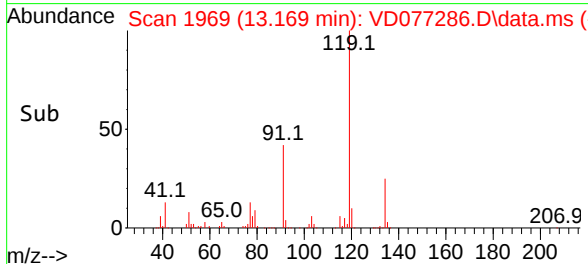
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



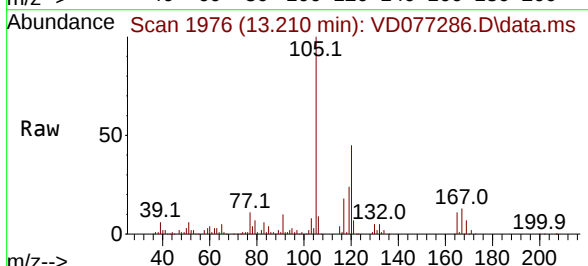
Tgt Ion:119 Resp: 19536
Ion Ratio Lower Upper
119 100
91 61.1 29.3 87.8
134 24.1 14.1 42.3

Manual Integrations
APPROVED

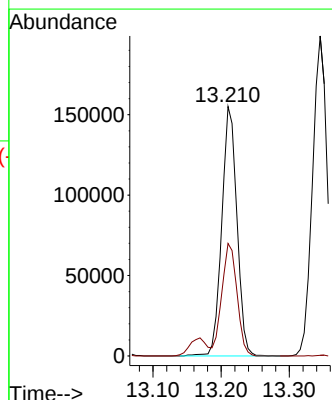
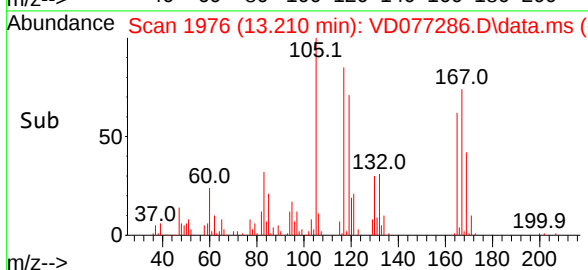
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

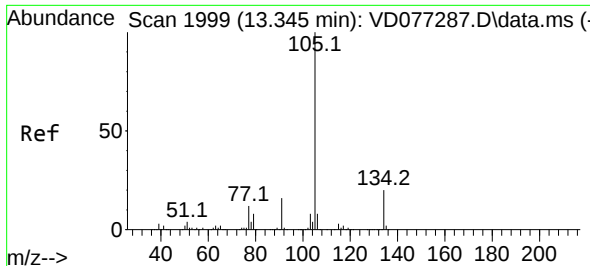


#84
1,2,4-Trimethylbenzene
Concen: 19.898 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42



Tgt Ion:105 Resp: 240088
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.9





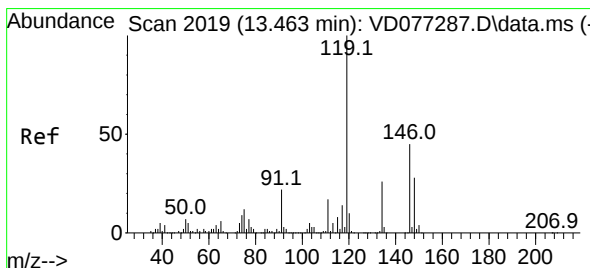
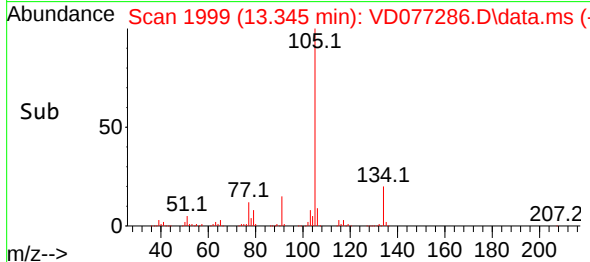
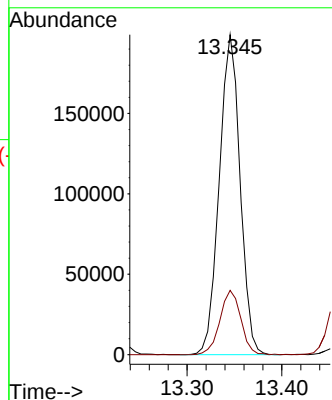
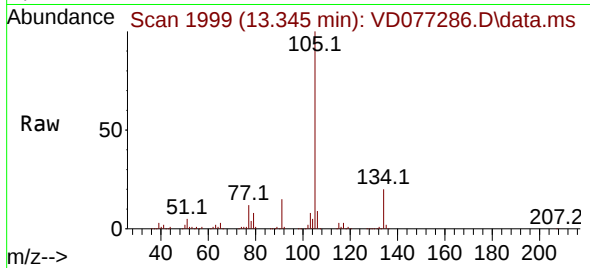
#85
 sec-Butylbenzene
 Concen: 19.068 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077286.D
 Acq: 06 Oct 2023 12:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 30408
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9

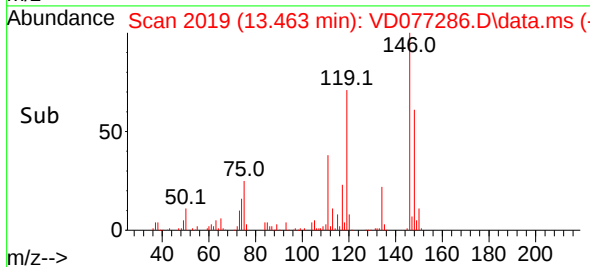
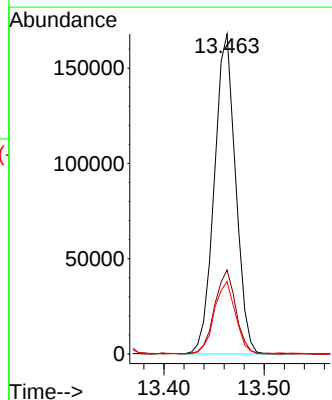
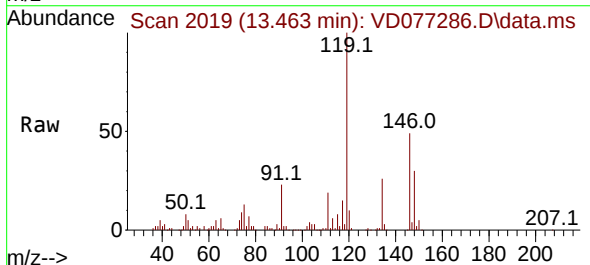
Manual Integrations
 APPROVED

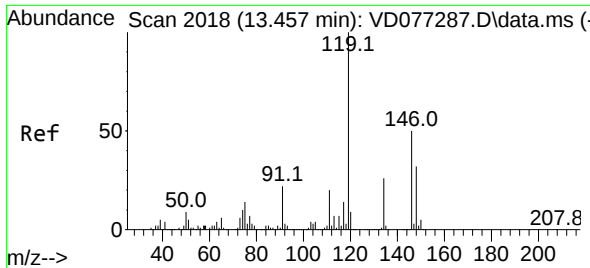
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023



#86
 p-Isopropyltoluene
 Concen: 19.072 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077286.D
 Acq: 06 Oct 2023 12:42

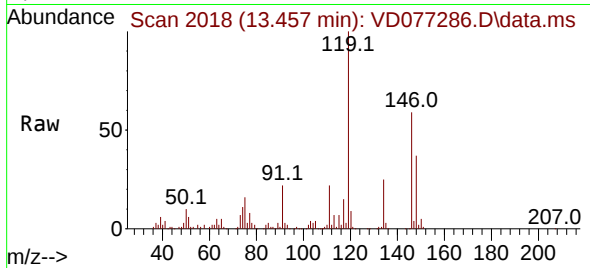
Tgt Ion:119 Resp: 247949
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 22.7 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 19.146 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

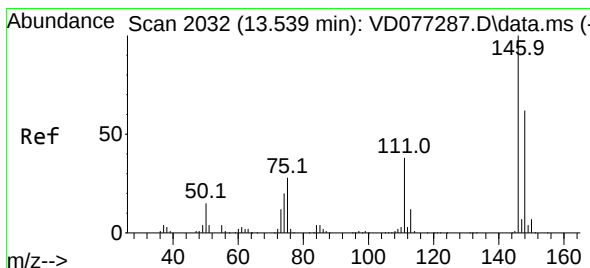
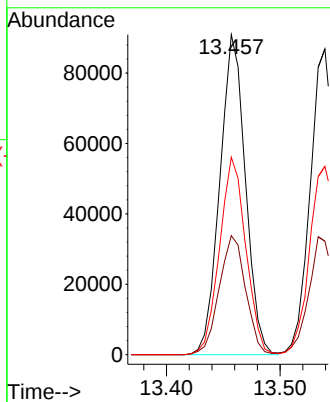
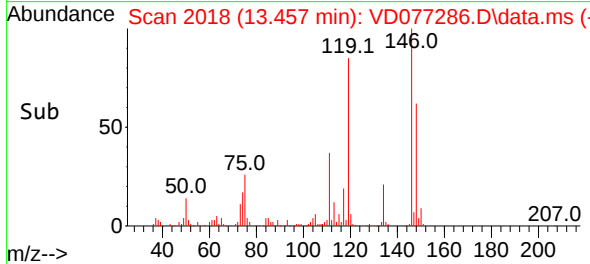
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 142295
Ion Ratio Lower Upper
146 100
111 38.5 17.9 53.8
148 63.4 32.3 96.8

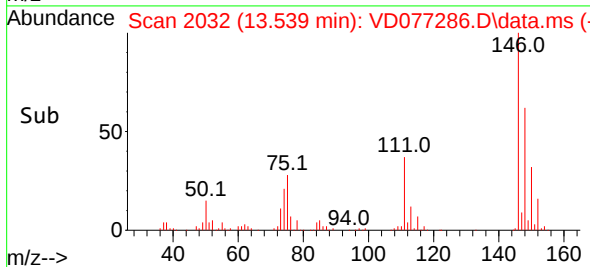
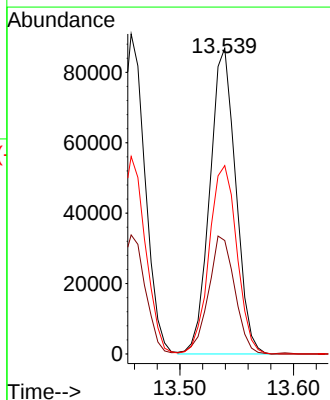
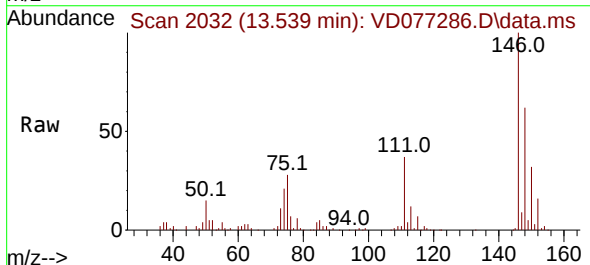
Manual Integrations
APPROVED

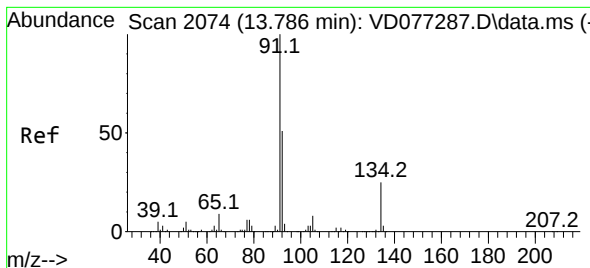
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#88
1,4-Dichlorobenzene
Concen: 18.369 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Tgt Ion:146 Resp: 137970
Ion Ratio Lower Upper
146 100
111 39.2 17.4 52.3
148 65.7 31.7 95.1





#89

n-Butylbenzene

Concen: 18.600 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

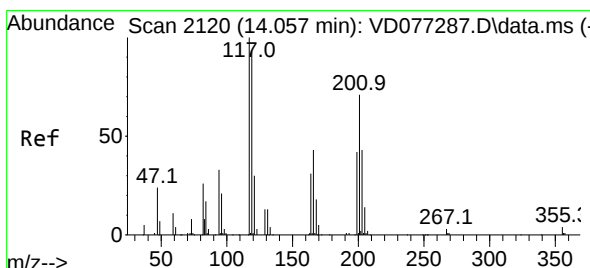
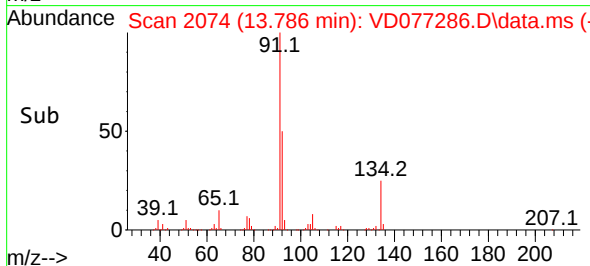
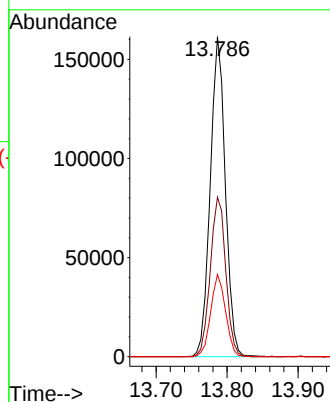
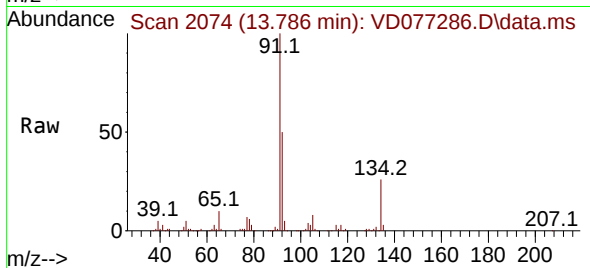
VSTDICC020

Tgt Ion:	91	Resp:	23860
Ion Ratio	Lower	Upper	
91	100		
92	51.0	26.5	79.5
134	25.3	13.8	41.3

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 18.184 ug/l

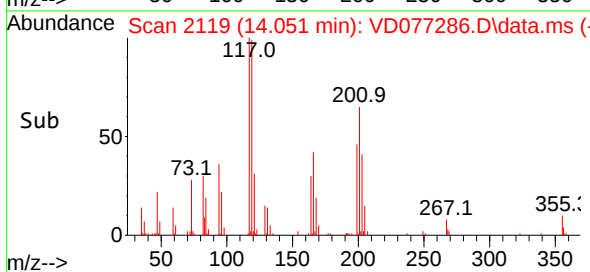
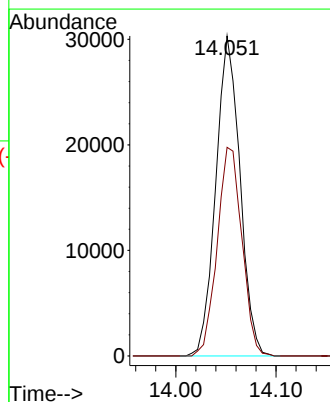
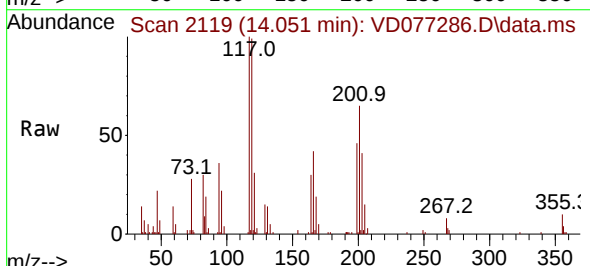
RT: 14.051 min Scan# 2119

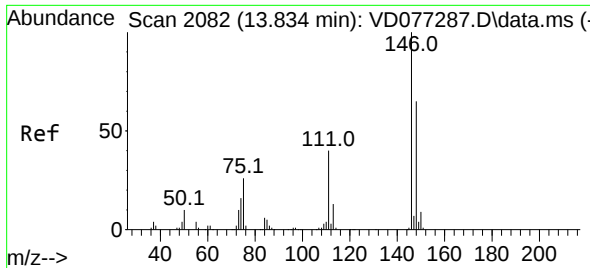
Delta R.T. -0.006 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion:	117	Resp:	50725
Ion Ratio	Lower	Upper	
117	100		
201	66.7	38.5	115.5





#91
1,2-Dichlorobenzene
Concen: 19.075 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

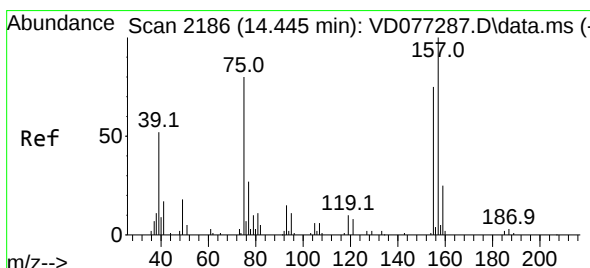
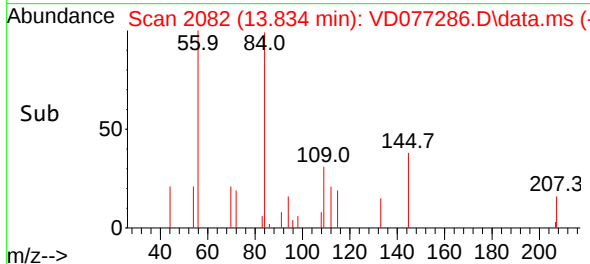
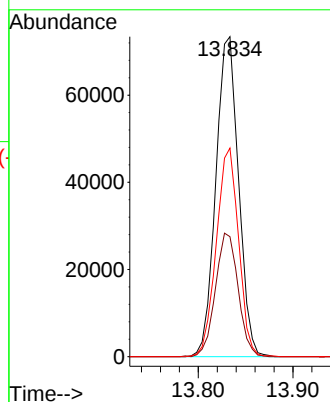
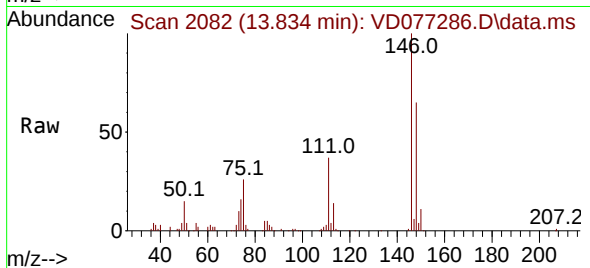
VSTDICC020

Tgt Ion:146 Resp: 122519
Ion Ratio Lower Upper
146 100
111 38.6 18.3 54.8
148 63.9 31.6 94.7

Manual Integrations

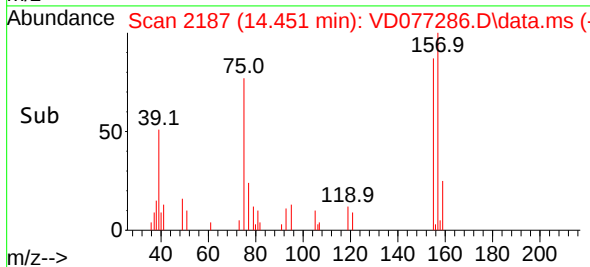
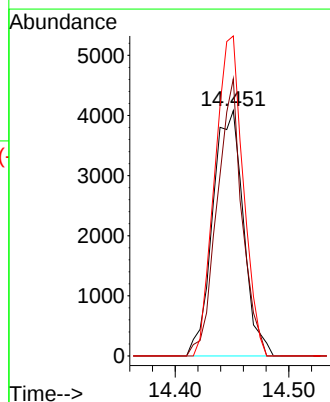
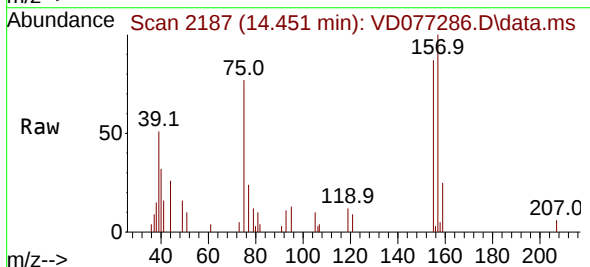
APPROVED

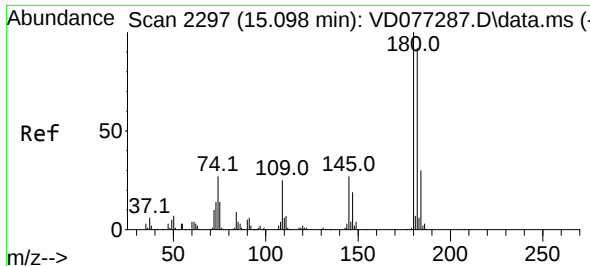
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.609 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

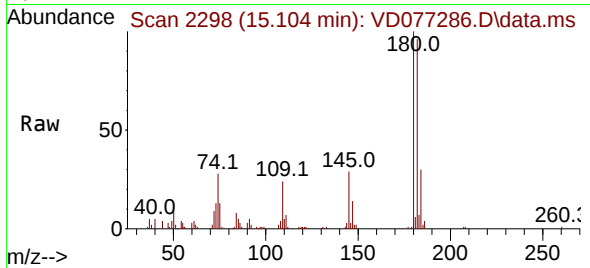
Tgt Ion: 75 Resp: 7648
Ion Ratio Lower Upper
75 100
155 92.7 47.9 143.8
157 120.6 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 18.206 ug/l
RT: 15.104 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42

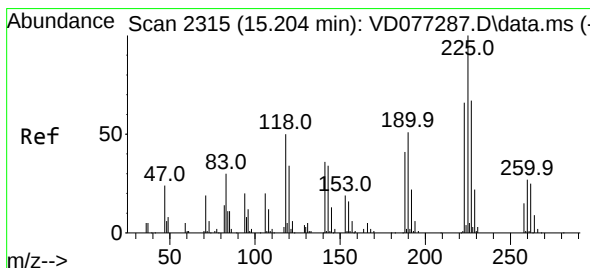
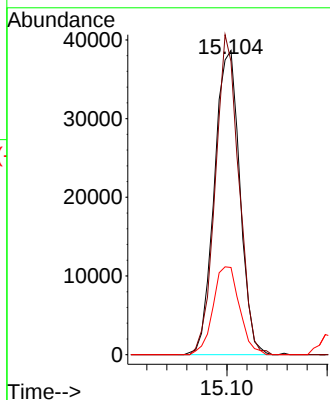
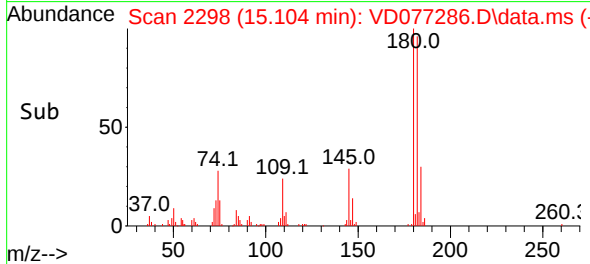
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



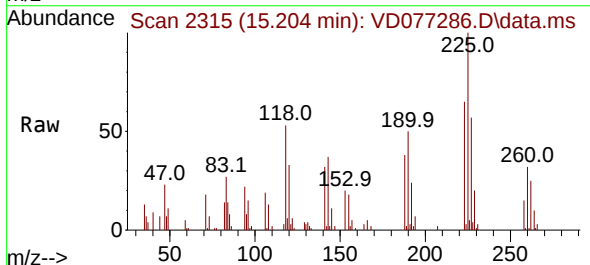
Tgt Ion:180 Resp: 68150
Ion Ratio Lower Upper
180 100
182 97.2 48.5 145.6
145 30.0 14.2 42.6

Manual Integrations
APPROVED

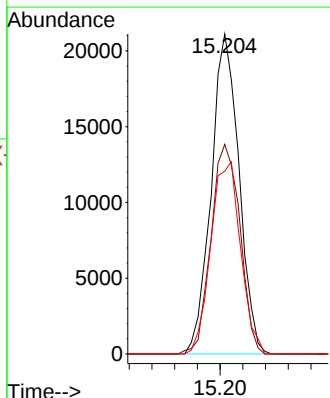
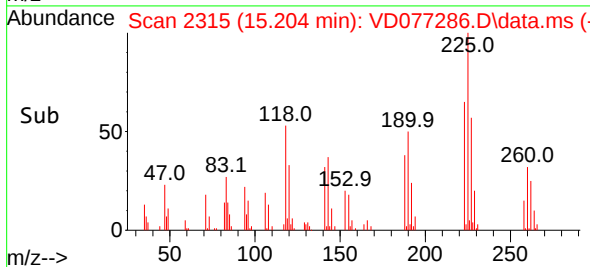
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

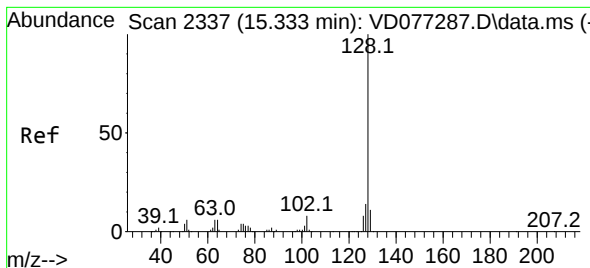


#94
Hexachlorobutadiene
Concen: 17.362 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077286.D
Acq: 06 Oct 2023 12:42



Tgt Ion:225 Resp: 35822
Ion Ratio Lower Upper
225 100
223 68.3 31.6 94.8
227 64.3 31.7 95.1





#95

Naphthalene

Concen: 18.617 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

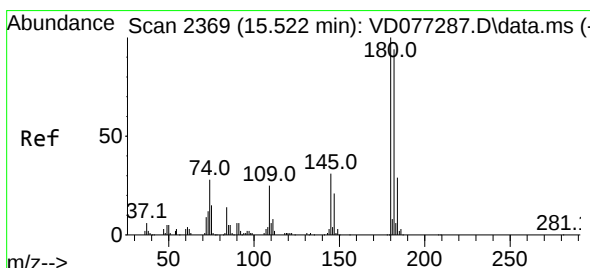
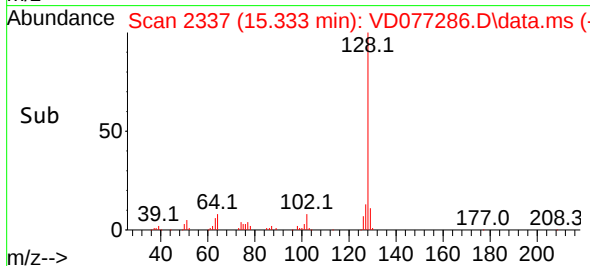
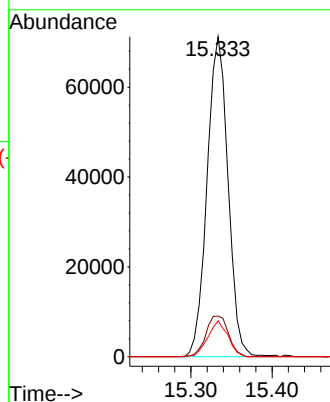
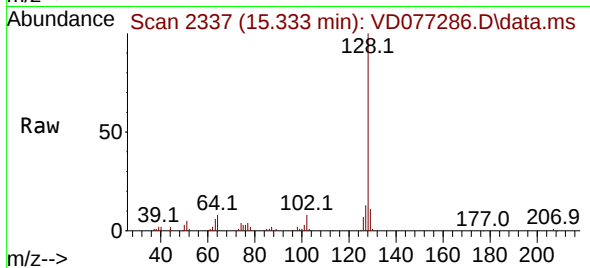
VSTDICC020

Tgt Ion:	128	Resp:	127650
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	11.2	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: 18.454 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077286.D

Acq: 06 Oct 2023 12:42

Tgt Ion:	180	Resp:	60967
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.3	141.9
145	30.6	15.1	45.3

