

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077289.D
 Acq On : 06 Oct 2023 14:43
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 09 09:37:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 09:30:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	206548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	341367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	404186	154.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 309.900%#			
35) Dibromofluoromethane	7.804	113	473214	160.652	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 321.300%#			
50) Toluene-d8	10.269	98	1803566	169.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 339.900%#			
62) 4-Bromofluorobenzene	12.575	95	533951	158.226	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 316.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	389336	140.567	ug/l	100
3) Chloromethane	2.146	50	603236	137.302	ug/l	100
4) Vinyl Chloride	2.281	62	723803	136.239	ug/l	99
5) Bromomethane	2.663	94	585271	153.625	ug/l	99
6) Chloroethane	2.822	64	446298	130.544	ug/l	97
7) Trichlorofluoromethane	3.163	101	809892	146.019	ug/l	98
8) Diethyl Ether	3.587	74	267184	160.602	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.957	101	498601	146.340	ug/l	96
10) Methyl Iodide	4.157	142	687109	160.688	ug/l	92
11) Tert butyl alcohol	5.057	59	145075	763.864	ug/l	100
12) 1,1-Dichloroethene	3.928	96	512325	154.114	ug/l	90
13) Acrolein	3.793	56	269615	762.138	ug/l	98
14) Allyl chloride	4.557	41	704512	159.450	ug/l #	91
15) Acrylonitrile	5.246	53	627340	812.375	ug/l	99
16) Acetone	4.016	43	522039	735.579	ug/l	91
17) Carbon Disulfide	4.263	76	1630728	147.189	ug/l	98
18) Methyl Acetate	4.557	43	448433	159.654	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	1186681	165.416	ug/l	99
20) Methylene Chloride	4.793	84	603716	150.430	ug/l #	88
21) trans-1,2-Dichloroethene	5.304	96	601521	151.586	ug/l	93
22) Diisopropyl ether	6.216	45	1543411	160.955	ug/l	95
23) Vinyl Acetate	6.151	43	3419457m	863.786	ug/l	
24) 1,1-Dichloroethane	6.104	63	999996	150.214	ug/l	97
25) 2-Butanone	7.075	43	766042	797.409	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	859409	152.907	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	686199	157.041	ug/l	93
28) Bromochloromethane	7.422	49	399511	153.702	ug/l #	78
29) Tetrahydrofuran	7.440	42	458017	831.346	ug/l	88
30) Chloroform	7.593	83	1016991	147.387	ug/l	98
31) Cyclohexane	7.875	56	827781	153.245	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	862735	148.656	ug/l	99
36) 1,1-Dichloropropene	8.004	75	786477	158.421	ug/l	96
37) Ethyl Acetate	7.163	43	320173	160.645	ug/l	93
38) Carbon Tetrachloride	7.987	117	721507	155.995	ug/l	99
39) Methylcyclohexane	9.275	83	957321	166.033	ug/l	95
40) Benzene	8.251	78	2343959	155.716	ug/l	99

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 Supervised By :Semsettin Yesilyurt 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	183088	163.946	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	538887	150.526	ug/l	97
43) Isopropyl Acetate	8.357	43	597636	163.272	ug/l #	90
44) Trichloroethene	9.028	130	582568	152.454	ug/l	87
45) 1,2-Dichloropropane	9.304	63	577016	153.286	ug/l	99
46) Dibromomethane	9.392	93	313981	154.406	ug/l	90
47) Bromodichloromethane	9.587	83	747153	152.380	ug/l	99
48) Methyl methacrylate	9.381	41	282948	168.987	ug/l #	82
49) 1,4-Dioxane	9.387	88	69078	3232.601	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	1568909	823.171	ug/l	93
52) Toluene	10.334	92	1485667	158.945	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	773001	166.589	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	922775	162.288	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	425852	152.855	ug/l	94
56) Ethyl methacrylate	10.598	69	547842	175.062	ug/l	90
57) 1,3-Dichloropropane	10.881	76	738904	159.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	1294014	862.124	ug/l	93
59) 2-Hexanone	10.922	43	1138756	834.817	ug/l	91
60) Dibromochloromethane	11.075	129	496974	153.594	ug/l	97
61) 1,2-Dibromoethane	11.181	107	402971	155.570	ug/l	100
64) Tetrachloroethene	10.810	164	473038	151.659	ug/l	93
65) Chlorobenzene	11.610	112	1496454	152.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	535704	154.412	ug/l	97
67) Ethyl Benzene	11.686	91	2927126	166.021	ug/l	96
68) m/p-Xylenes	11.792	106	2250486	328.881	ug/l	92
69) o-Xylene	12.122	106	1032604	163.907	ug/l	90
70) Styrene	12.133	104	1758105	162.215	ug/l	97
71) Bromoform	12.298	173	274149	149.429	ug/l #	100
73) Isopropylbenzene	12.422	105	2656792	167.779	ug/l	95
74) N-amyl acetate	12.233	43	546766	168.038	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	488968	155.022	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	328403m	152.257	ug/l	
77) Bromobenzene	12.704	156	566181	156.994	ug/l	84
78) n-propylbenzene	12.763	91	3243283	164.016	ug/l	95
79) 2-Chlorotoluene	12.851	91	1722134	161.676	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	2139469	164.058	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	164903	163.632	ug/l	95
82) 4-Chlorotoluene	12.945	91	1785976	158.441	ug/l	93
83) tert-Butylbenzene	13.169	119	1833587	165.422	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	2184105	166.719	ug/l	95
85) sec-Butylbenzene	13.345	105	2815176	164.552	ug/l	95
86) p-Isopropyltoluene	13.463	119	2407308	170.260	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	1188522	157.370	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	1128396	151.567	ug/l	98
89) n-Butylbenzene	13.786	91	2267122	165.101	ug/l	98
90) Hexachloroethane	14.051	117	437038	155.837	ug/l	87
91) 1,2-Dichlorobenzene	13.833	146	998735	154.254	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	66853	160.712	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	647538	163.828	ug/l	97
94) Hexachlorobutadiene	15.204	225	323725	159.369	ug/l	99
95) Naphthalene	15.333	128	1362238	176.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	570820	165.095	ug/l	99

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ClientSampleId :
VSTDICC150

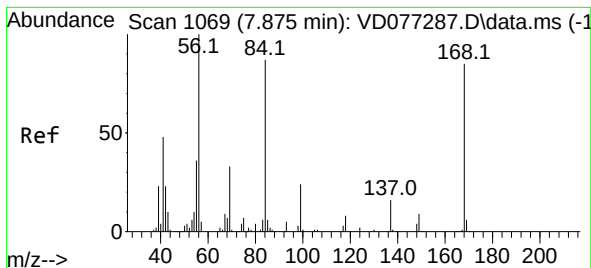
Manual Integrations
APPROVED

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

Quant Time: Oct 09 09:37:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 09 09:30:14 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:168 Resp: 206548

Ion Ratio Lower Upper

168 100

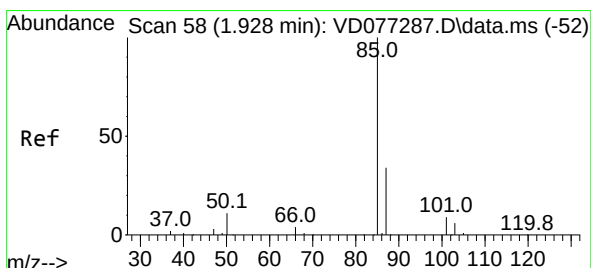
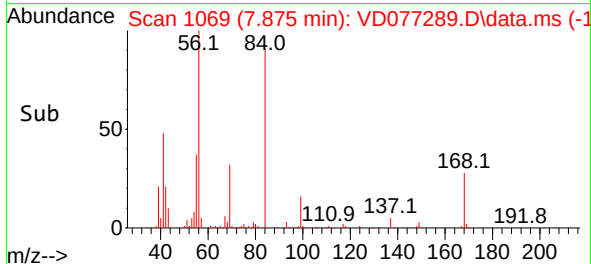
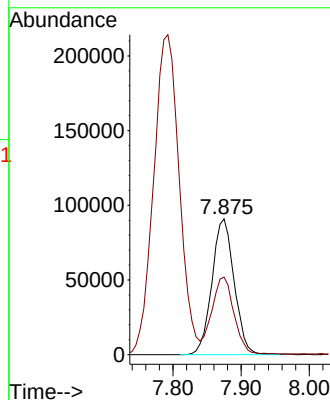
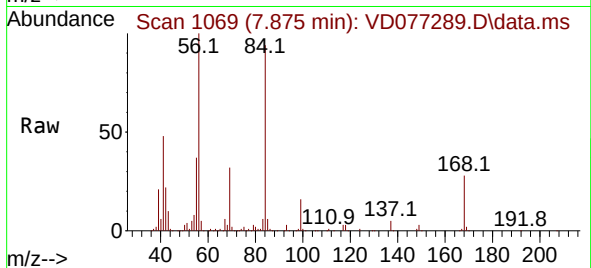
99 56.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#2

Dichlorodifluoromethane

Concen: 140.567 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077289.D

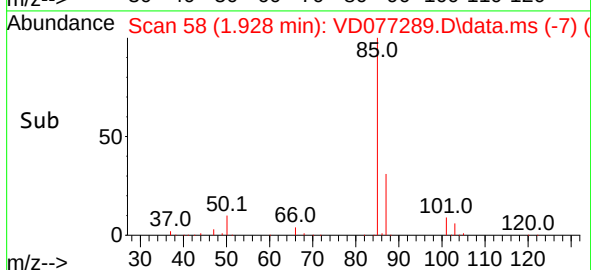
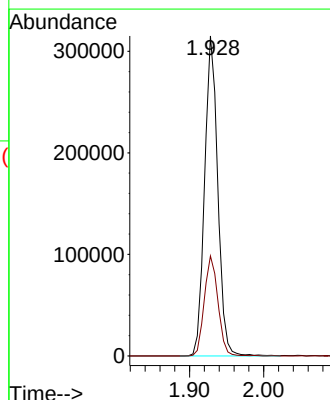
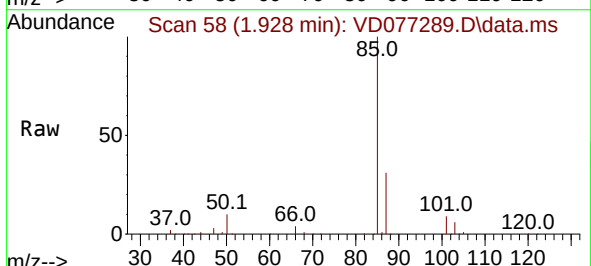
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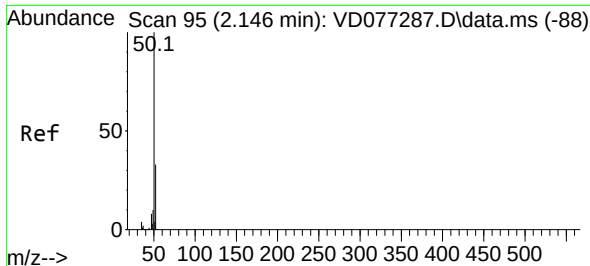
Tgt Ion: 85 Resp: 389336

Ion Ratio Lower Upper

85 100

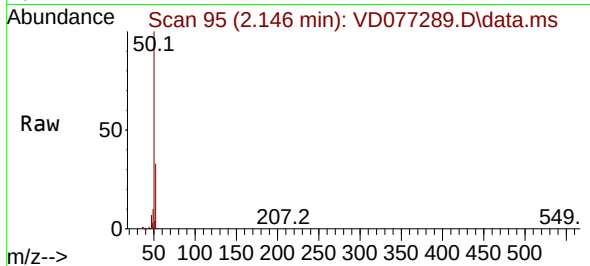
87 31.2 15.7 47.0





#3
Chloromethane
Concen: 137.302 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

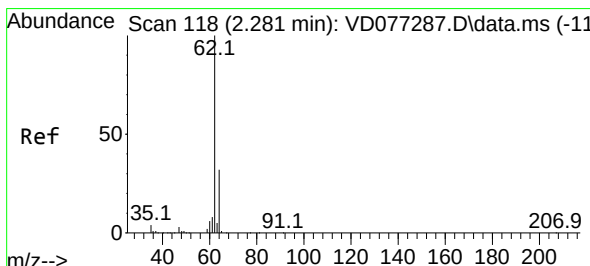
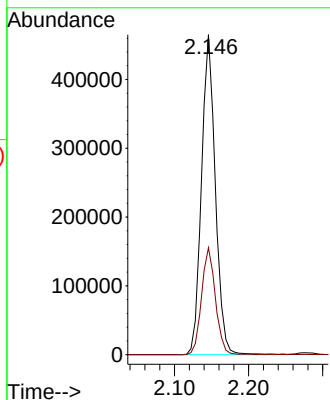
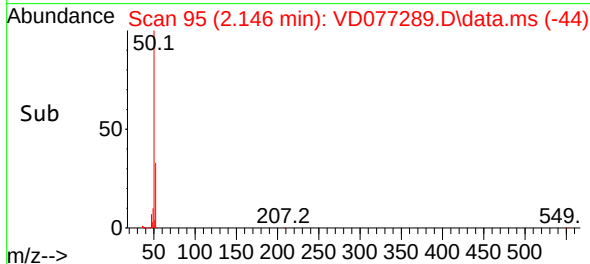
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 603230
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

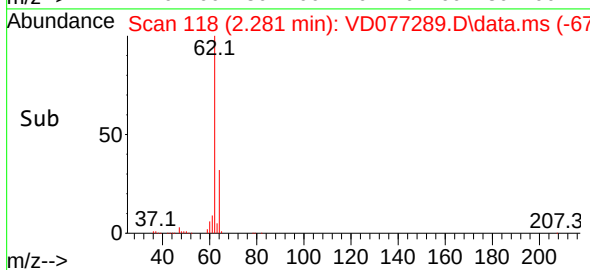
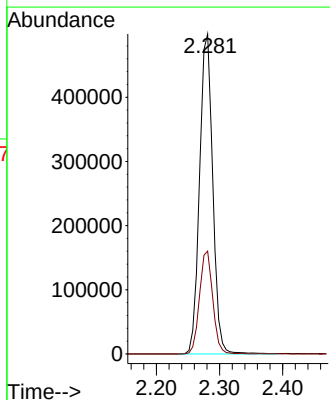
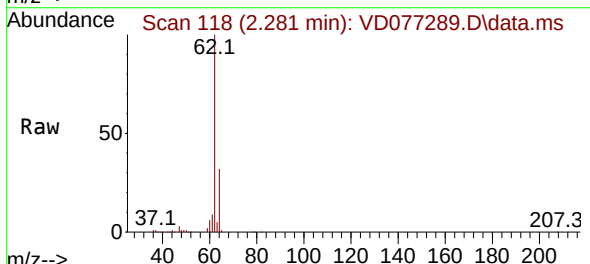
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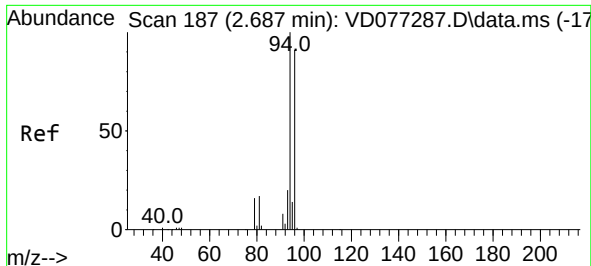
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#4
Vinyl Chloride
Concen: 136.239 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

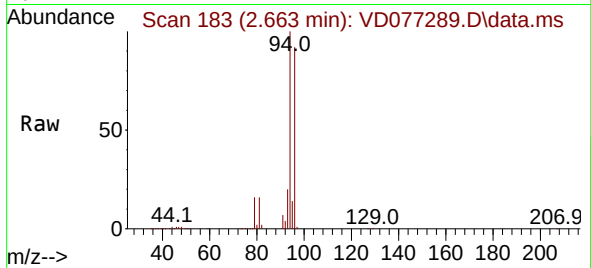
Tgt Ion: 62 Resp: 723803
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 153.625 ug/l
RT: 2.663 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

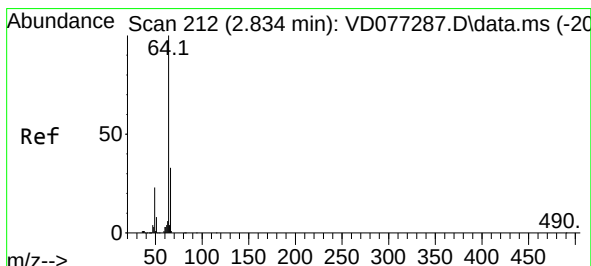
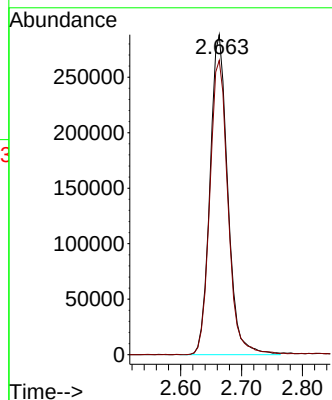
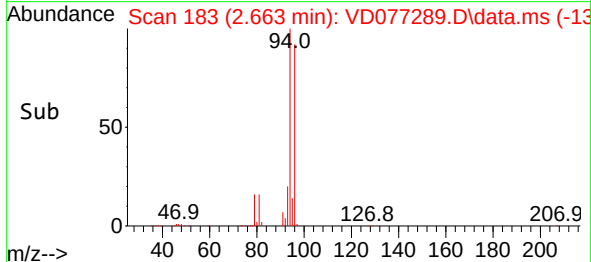
Instrument :
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Tgt Ion: 94 Resp: 58527
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8

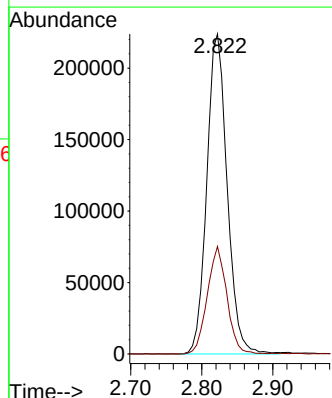
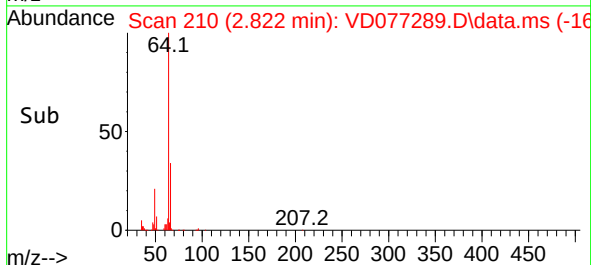
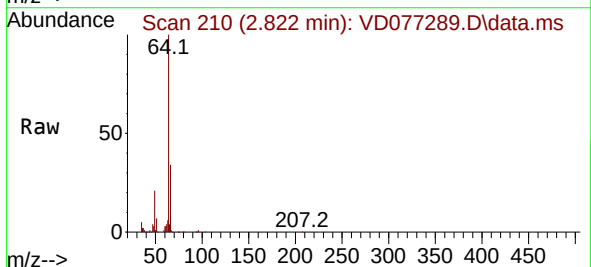
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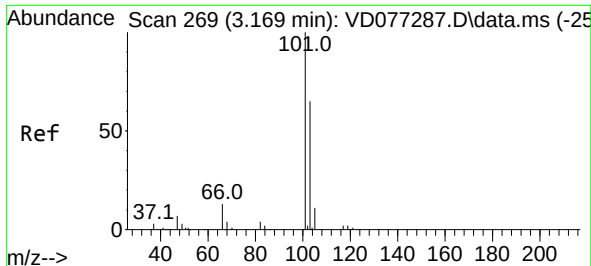
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#6
Chloroethane
Concen: 130.544 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 64 Resp: 446298
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3





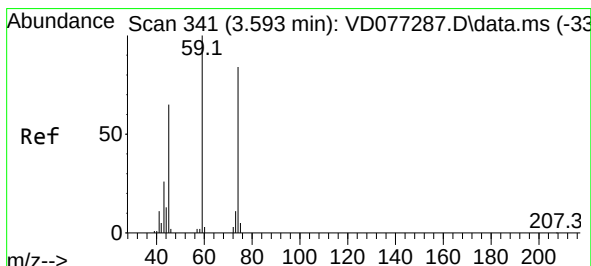
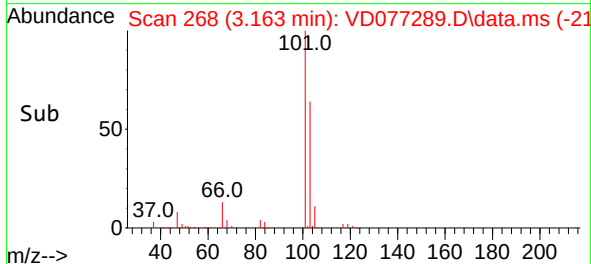
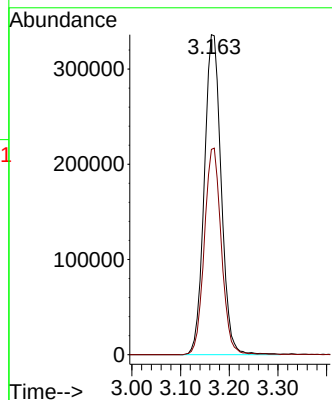
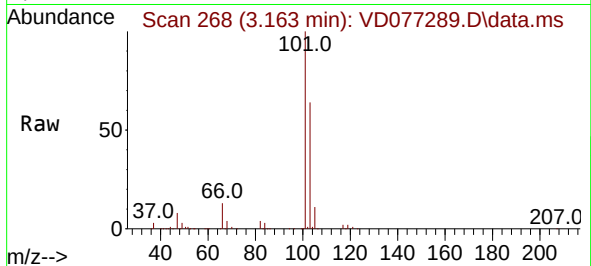
#7
Trichlorofluoromethane
Concen: 146.019 ug/l
RT: 3.163 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 809892
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

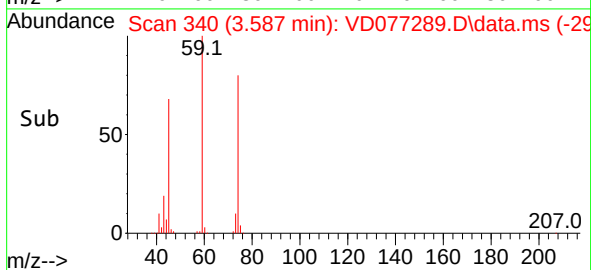
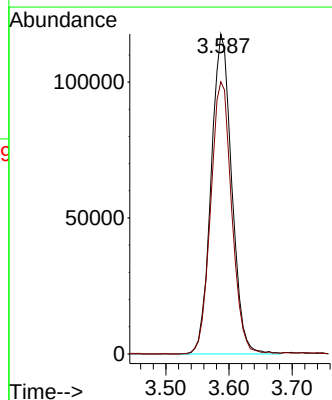
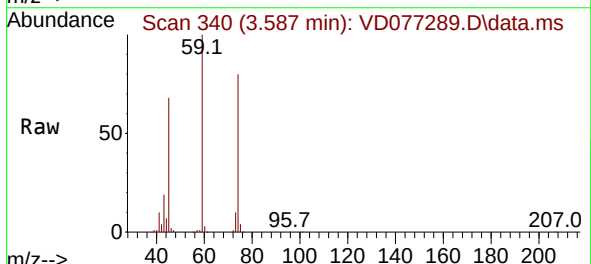
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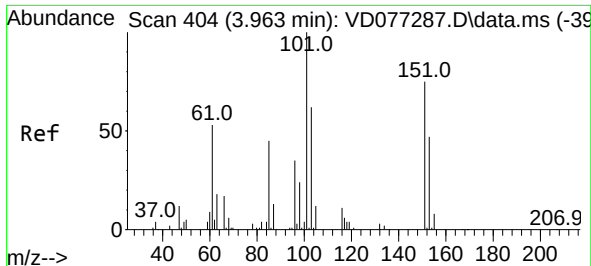
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#8
Diethyl Ether
Concen: 160.602 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 74 Resp: 267184
Ion Ratio Lower Upper
74 100
45 86.7 37.5 112.7





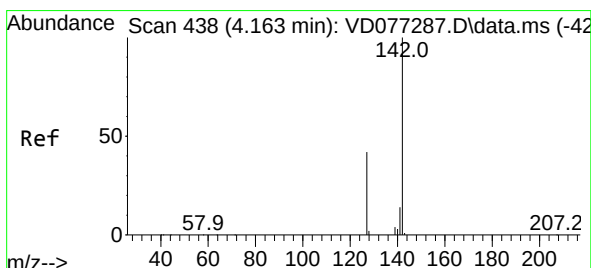
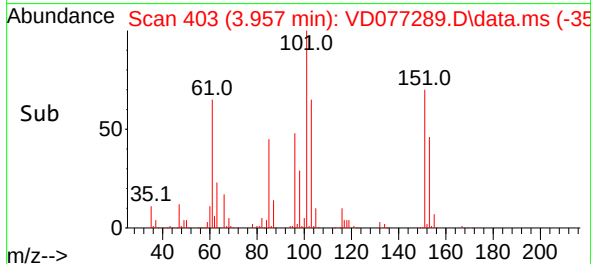
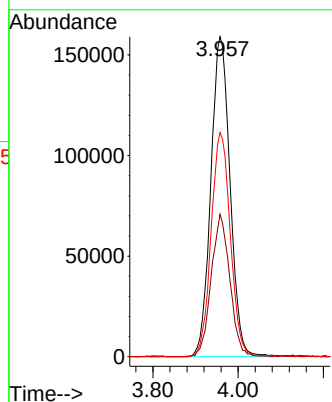
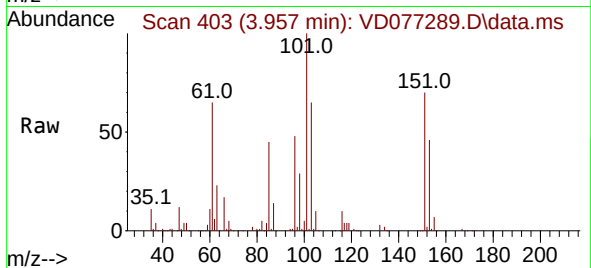
#9
1,1,2-Trichlorotrifluoroethane
Concen: 146.340 ug/l
RT: 3.957 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 49860
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.6
151 69.9 59.8 89.6

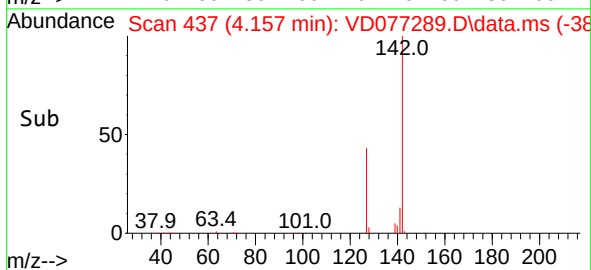
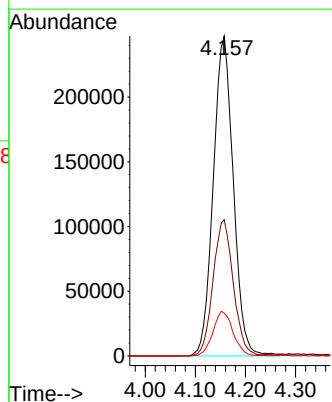
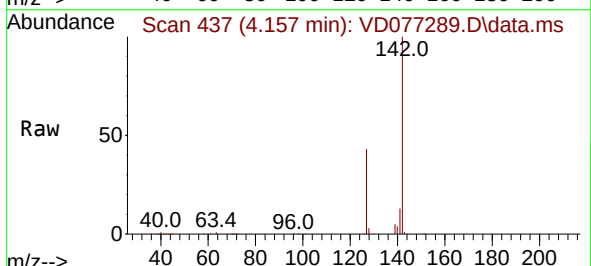
Manual Integrations
APPROVED

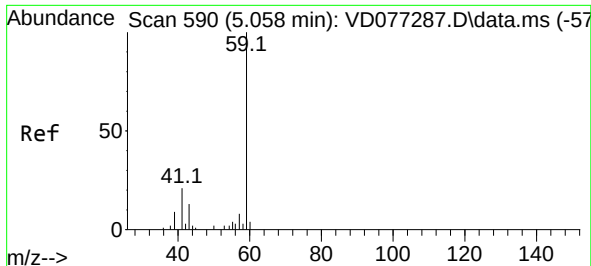
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#10
Methyl Iodide
Concen: 160.688 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

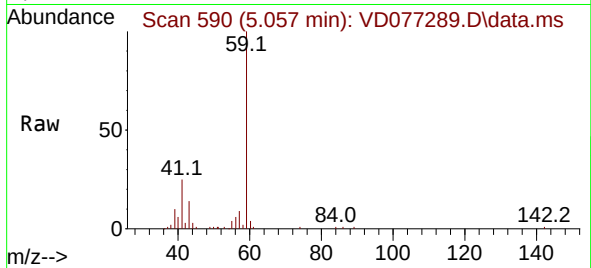
Tgt Ion:142 Resp: 687109
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 763.864 ug/l
RT: 5.057 min Scan# 590
Delta R.T. -0.001 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

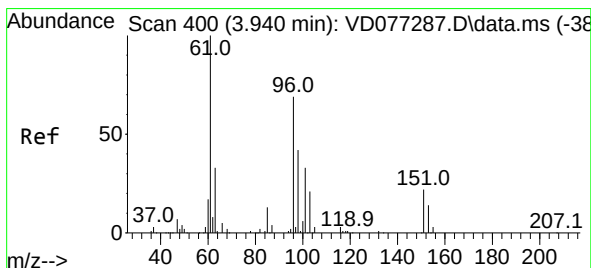
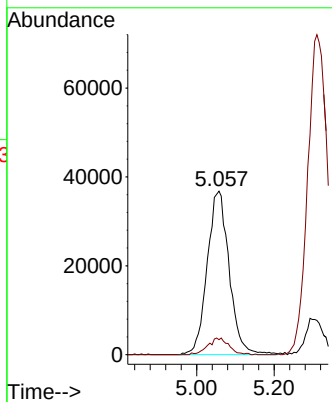
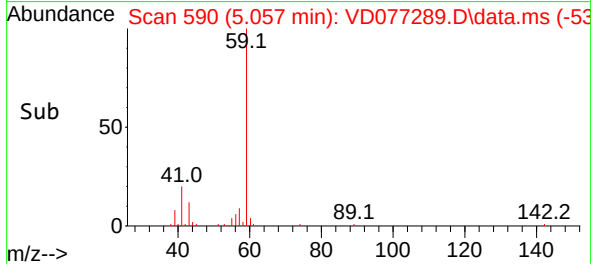
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



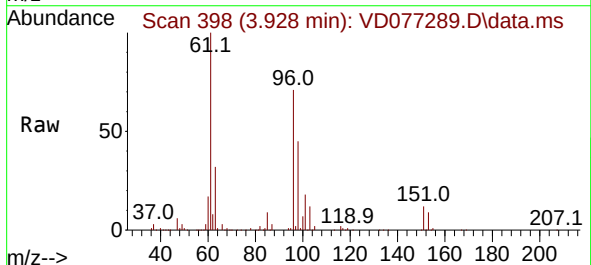
Tgt Ion: 59 Resp: 145075
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8

Manual Integrations
APPROVED

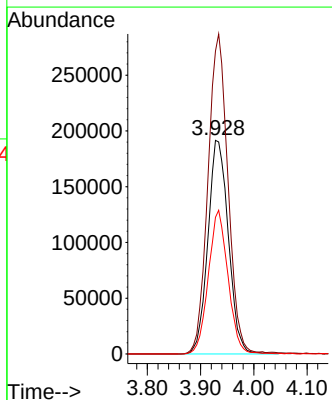
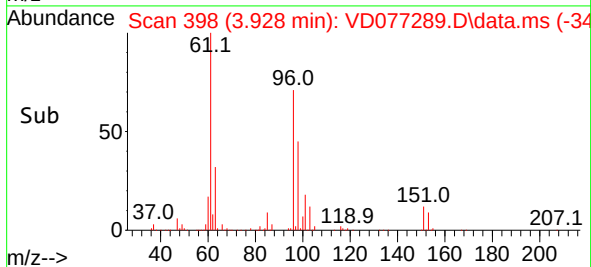
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

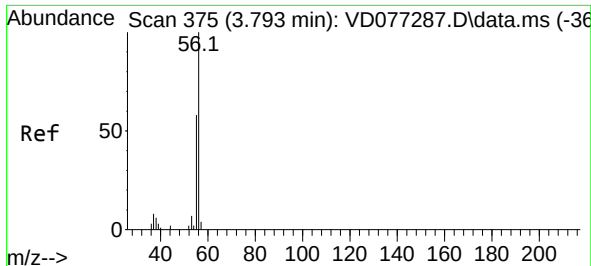


#12
1,1-Dichloroethene
Concen: 154.114 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.012 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



Tgt Ion: 96 Resp: 512325
Ion Ratio Lower Upper
96 100
61 141.8 100.6 150.8
98 64.0 50.2 75.2





#13

Acrolein

Concen: 762.138 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 26961

Ion Ratio Lower Upper

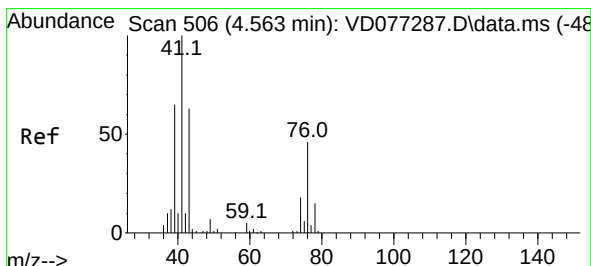
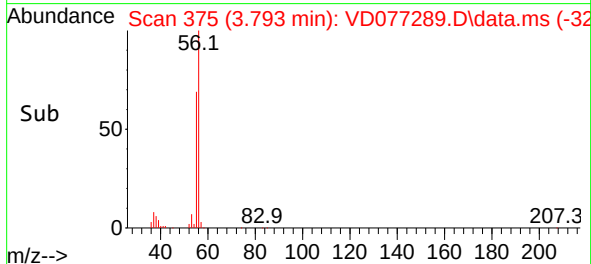
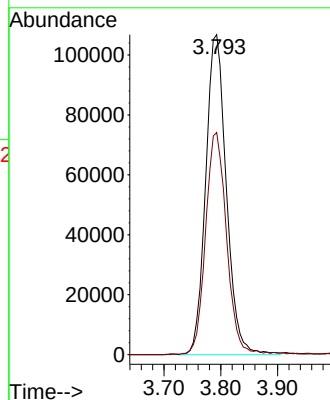
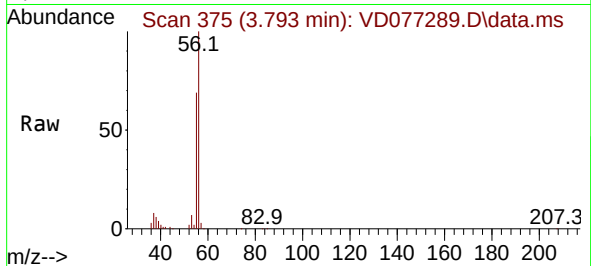
56 100

55 70.3 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: 159.450 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

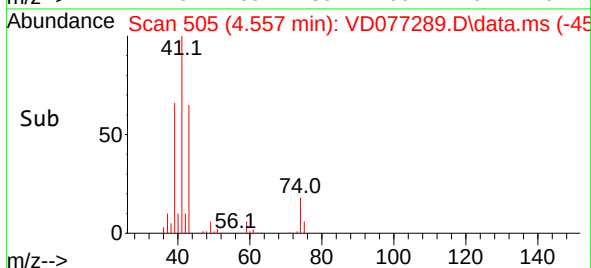
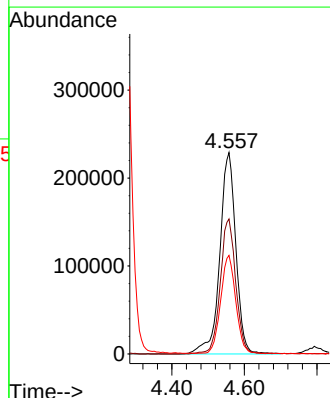
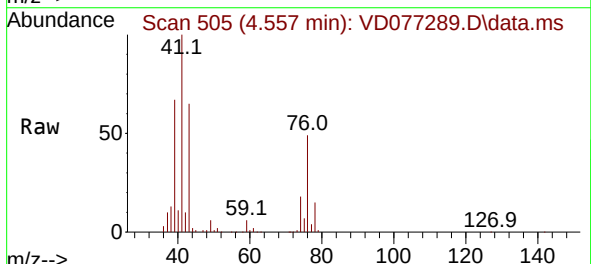
Tgt Ion: 41 Resp: 704512

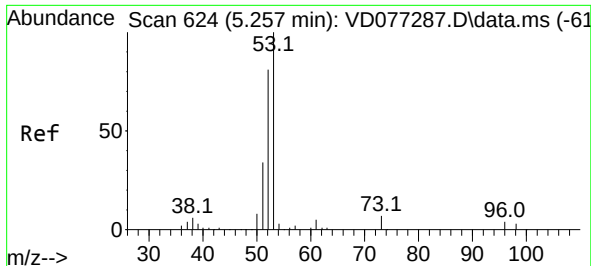
Ion Ratio Lower Upper

41 100

39 64.7 53.8 80.6

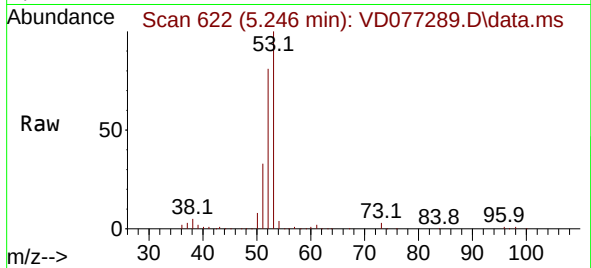
76 45.7 45.8 68.8#





#15
Acrylonitrile
Concen: 812.375 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

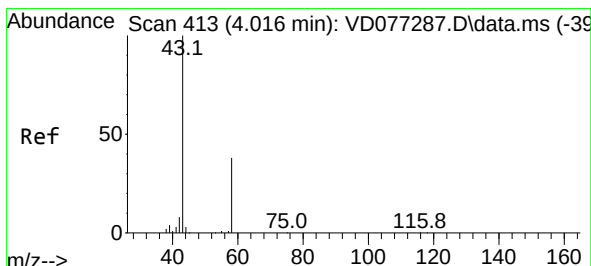
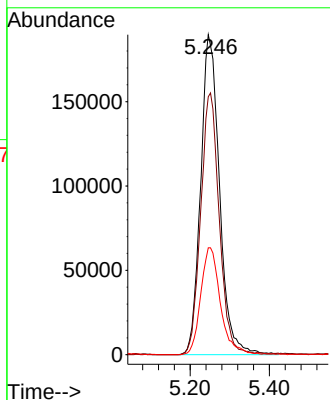
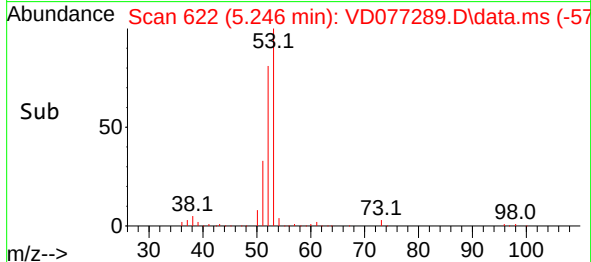
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 627340
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 34.8 28.3 42.5

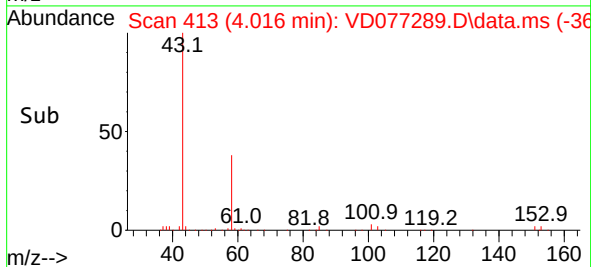
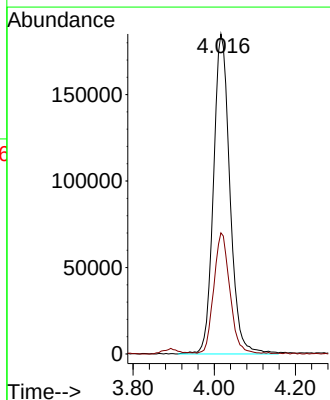
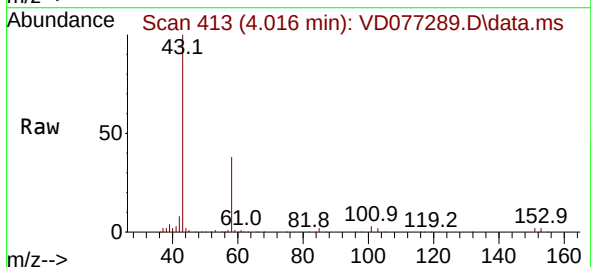
Manual Integrations
APPROVED

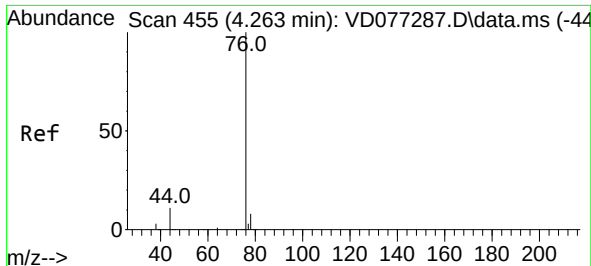
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#16
Acetone
Concen: 735.579 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

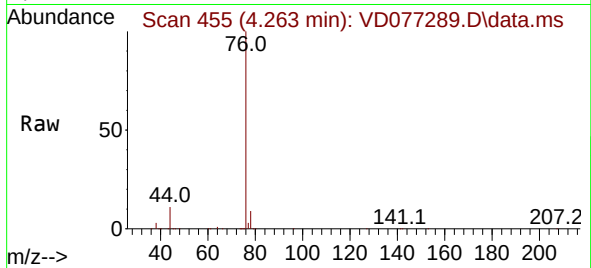
Tgt Ion: 43 Resp: 522039
Ion Ratio Lower Upper
43 100
58 37.7 34.7 52.1





#17
Carbon Disulfide
Concen: 147.189 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

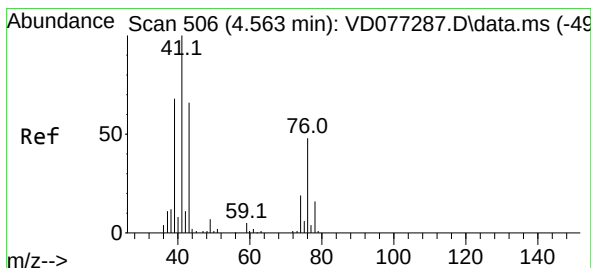
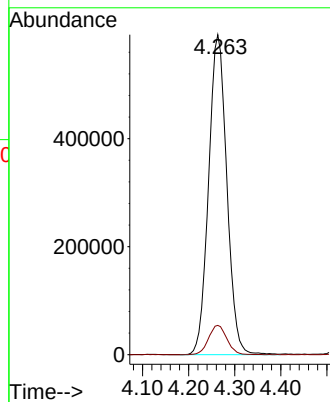
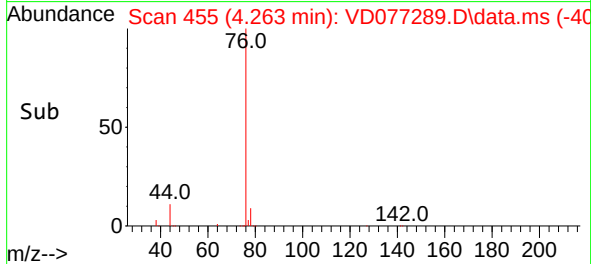
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 1630728
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

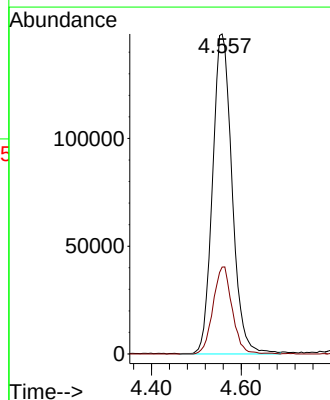
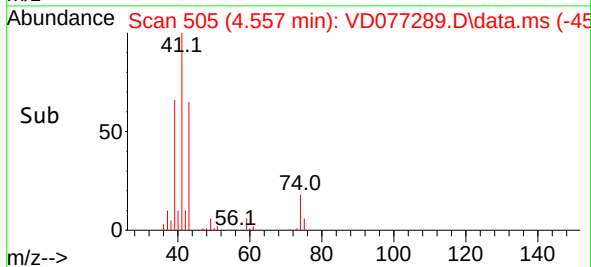
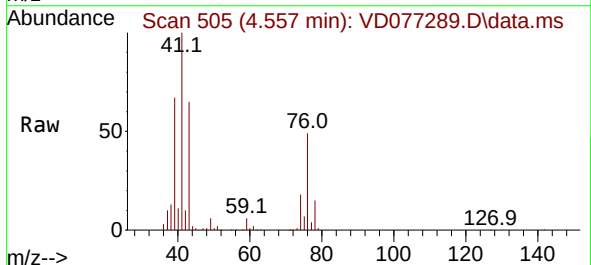
Manual Integrations
APPROVED

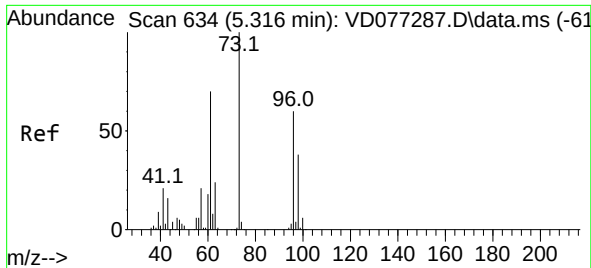
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#18
Methyl Acetate
Concen: 159.654 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

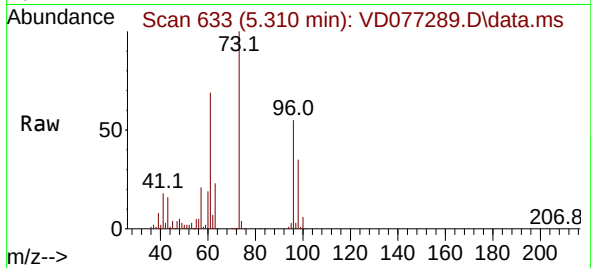
Tgt Ion: 43 Resp: 448433
Ion Ratio Lower Upper
43 100
74 26.5 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 165.416 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

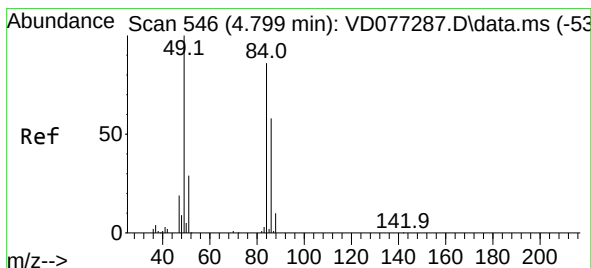
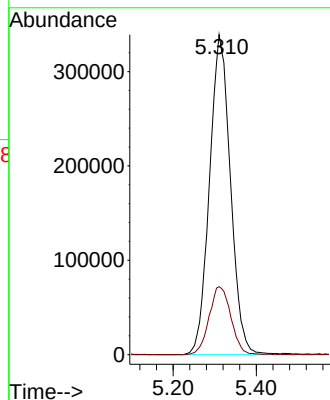
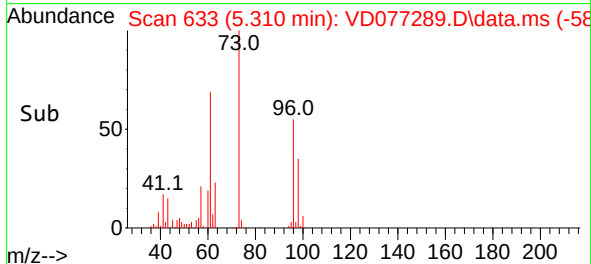
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 73 Resp: 118668
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

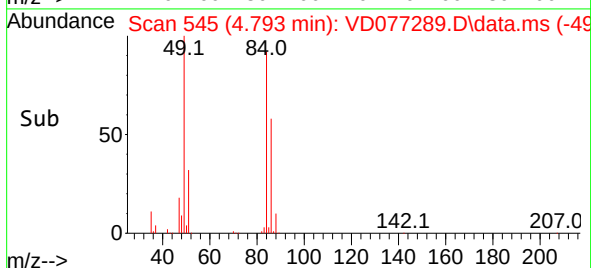
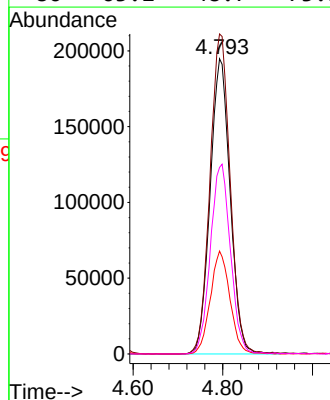
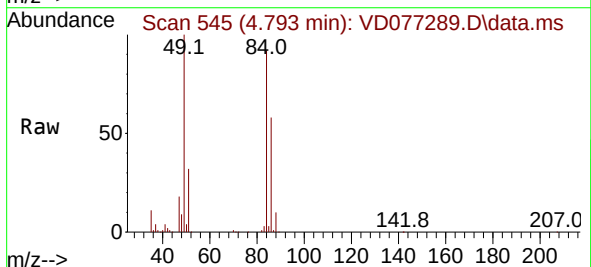
Manual Integrations
APPROVED

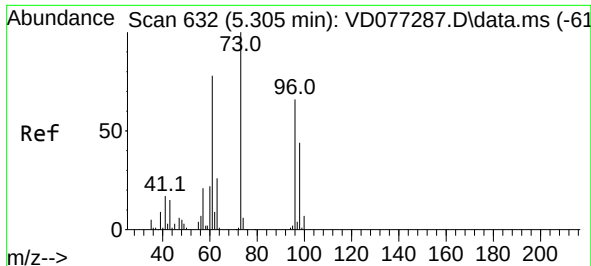
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#20
Methylene Chloride
Concen: 150.430 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

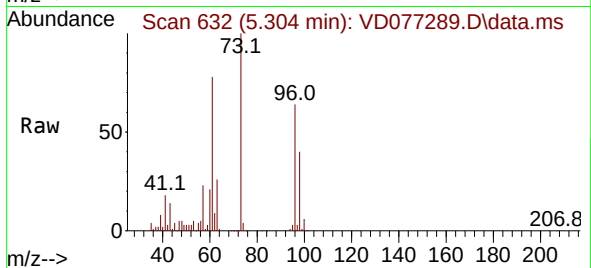
Tgt Ion: 84 Resp: 603716
Ion Ratio Lower Upper
84 100
49 108.4 71.4 107.2#
51 34.8 24.5 36.7
86 63.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 151.586 ug/l
RT: 5.304 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

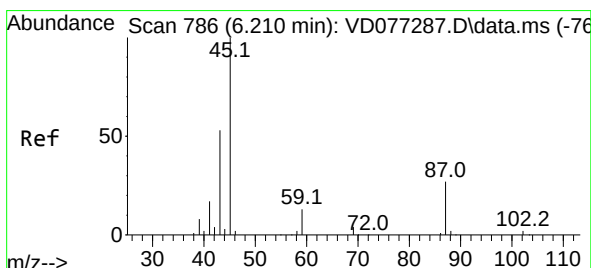
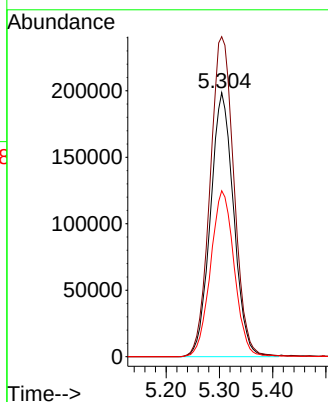
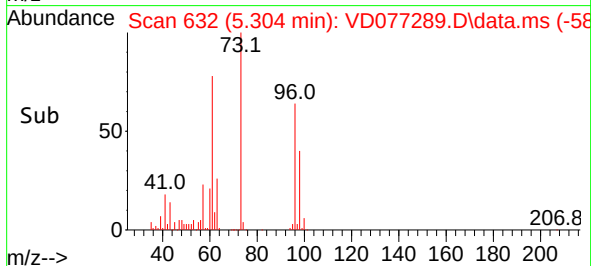
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 60152
Ion Ratio Lower Upper
96 100
61 121.2 89.3 133.9
98 62.9 48.6 73.0

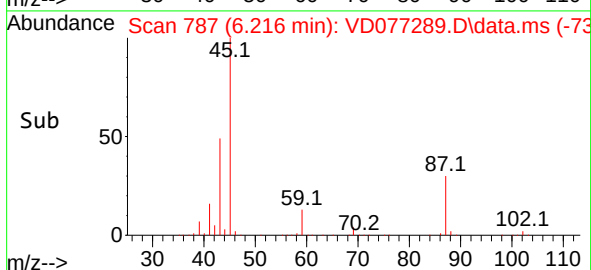
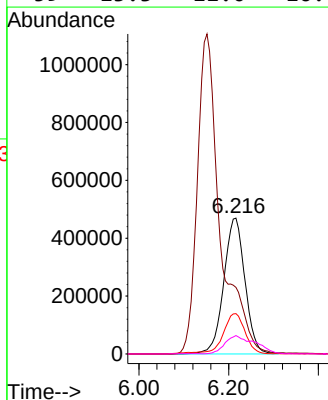
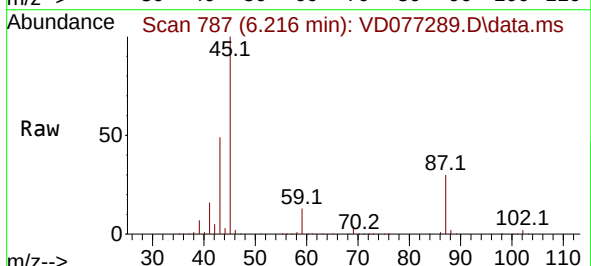
Manual Integrations
APPROVED

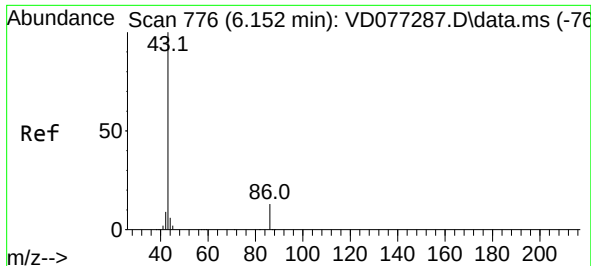
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#22
Diisopropyl ether
Concen: 160.955 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

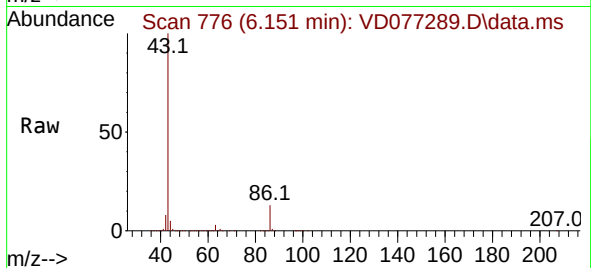
Tgt Ion: 45 Resp: 1543411
Ion Ratio Lower Upper
45 100
43 48.5 40.0 60.0
87 29.4 28.2 42.4
59 13.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 863.786 ug/l m
 RT: 6.151 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

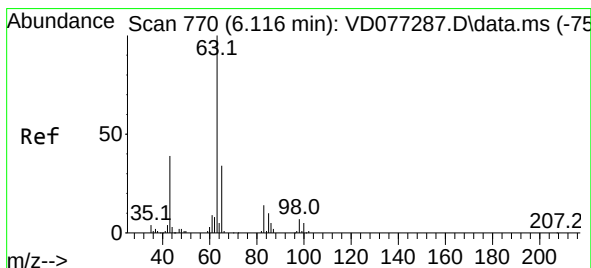
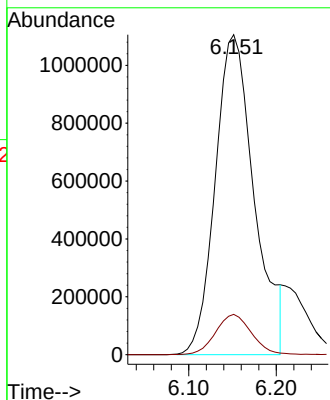
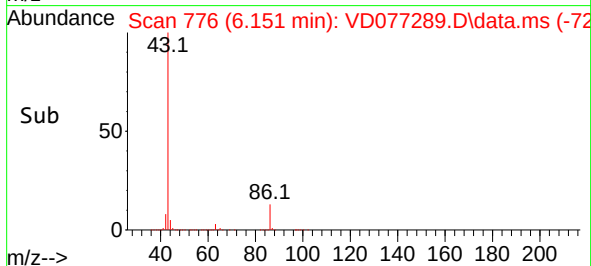
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



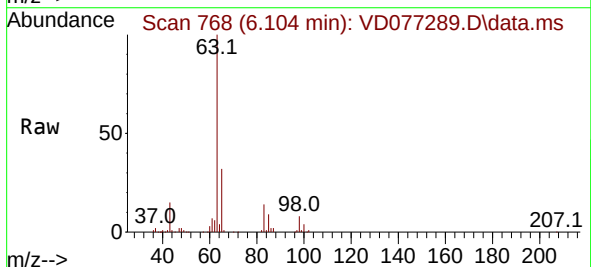
Tgt Ion: 43 Resp: 341945
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7

Manual Integrations
 APPROVED

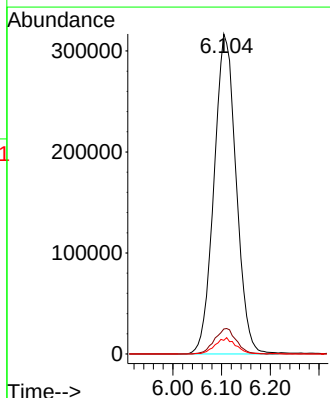
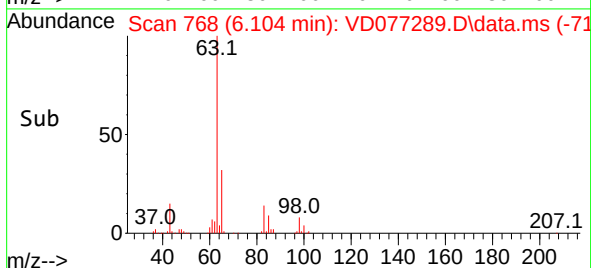
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

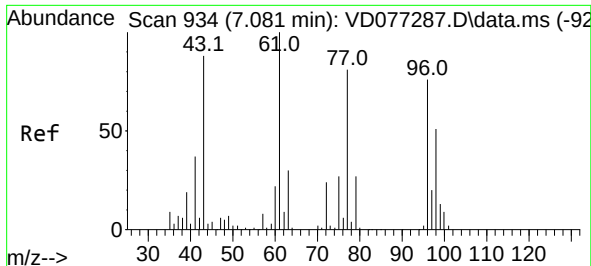


#24
 1,1-Dichloroethane
 Concen: 150.214 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43



Tgt Ion: 63 Resp: 999996
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 4.3 2.5 7.5





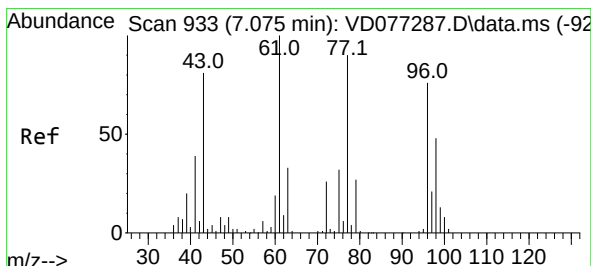
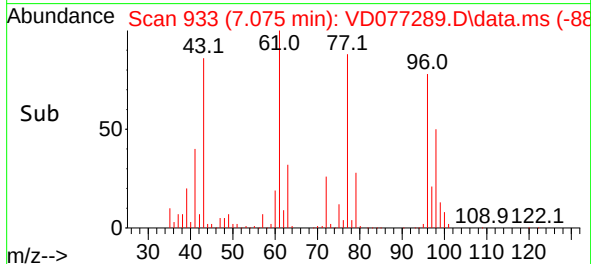
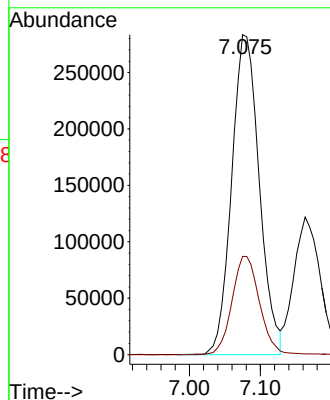
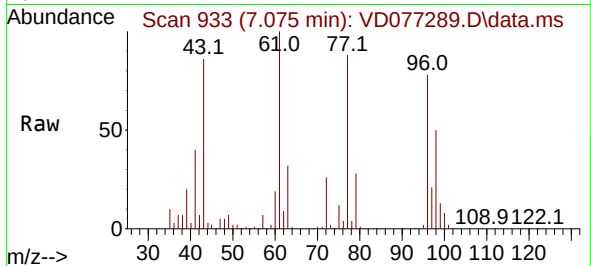
#25
2-Butanone
Concen: 797.409 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 76604
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1

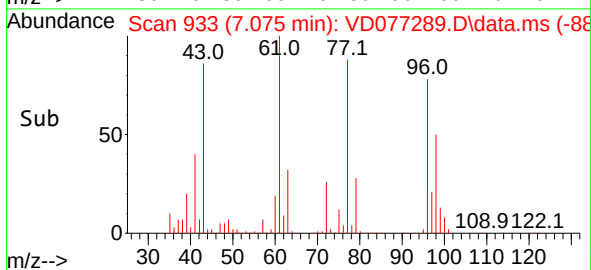
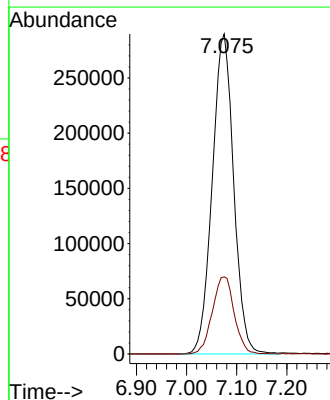
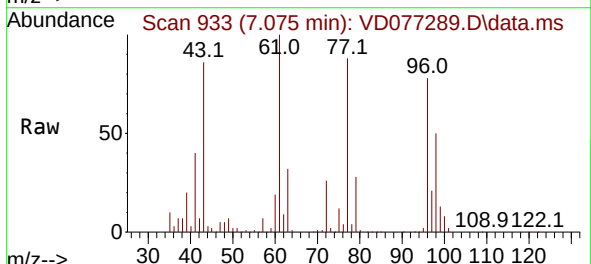
Manual Integrations
APPROVED

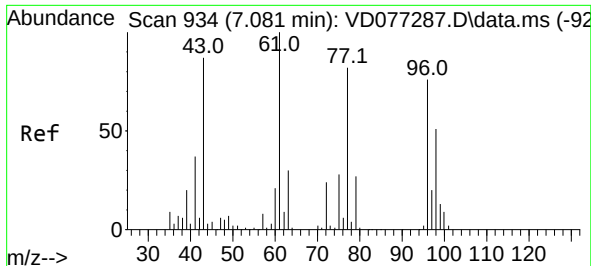
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#26
2,2-Dichloropropane
Concen: 152.907 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

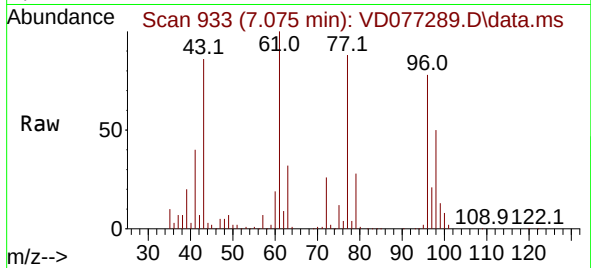
Tgt Ion: 77 Resp: 859409
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 157.041 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

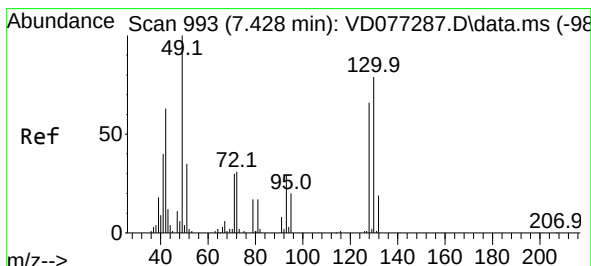
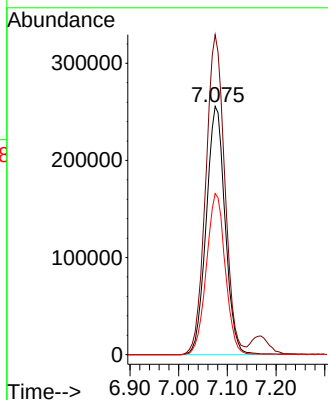
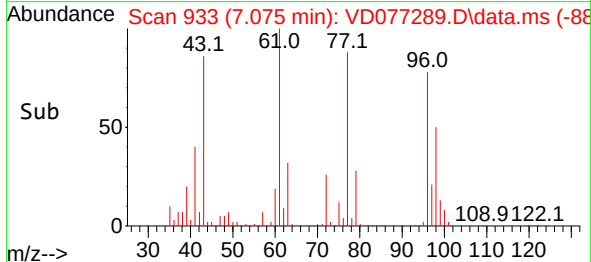
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 686199
Ion Ratio Lower Upper
96 100
61 130.2 0.0 239.2
98 65.0 0.0 128.6

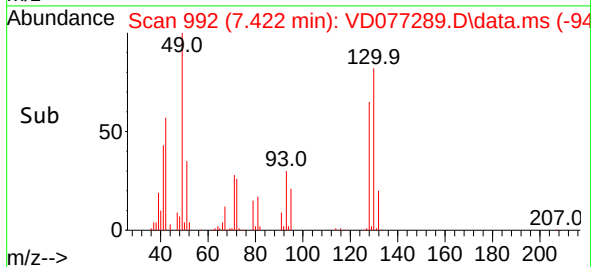
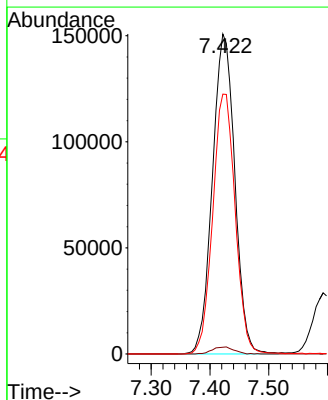
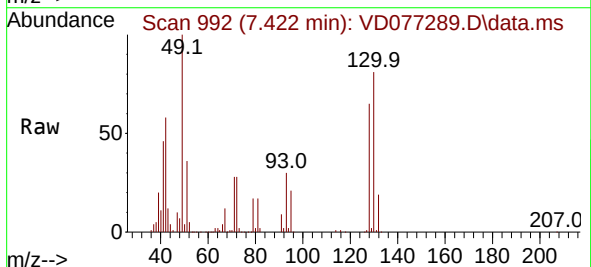
Manual Integrations
APPROVED

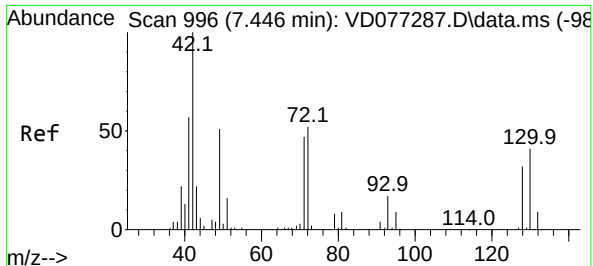
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#28
Bromochloromethane
Concen: 153.702 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 49 Resp: 399511
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.0
130 81.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 831.346 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 45801

Ion Ratio Lower Upper

42 100

72 49.8 46.5 69.7

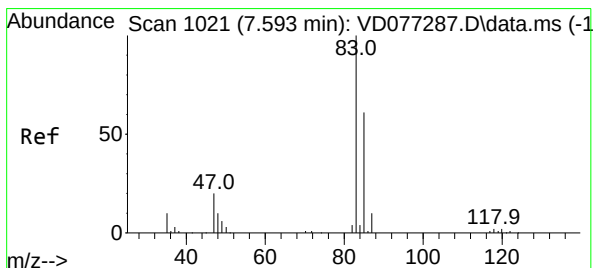
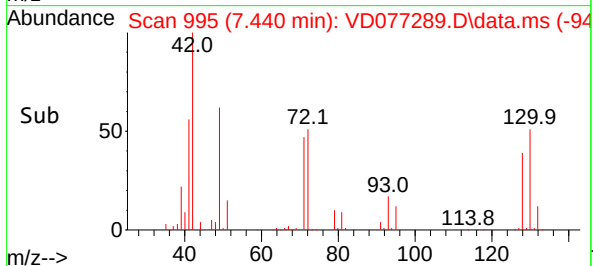
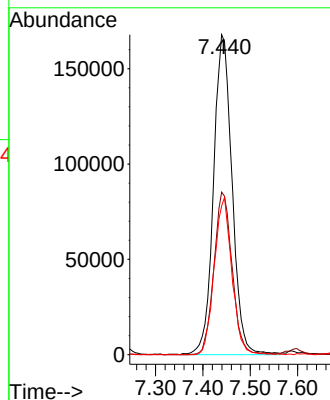
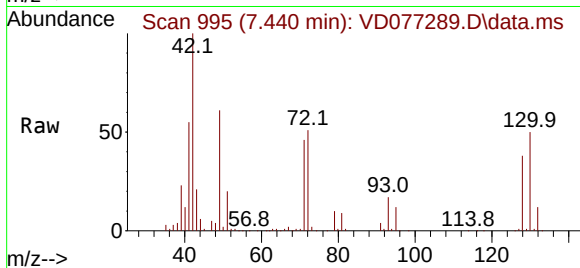
71 46.6 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#30

Chloroform

Concen: 147.387 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077289.D

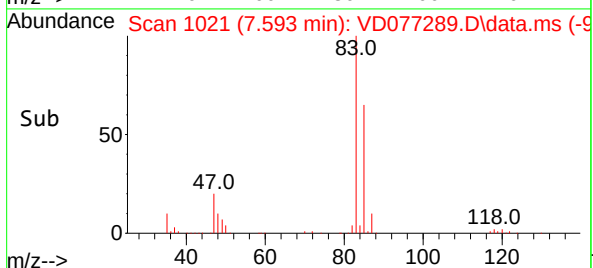
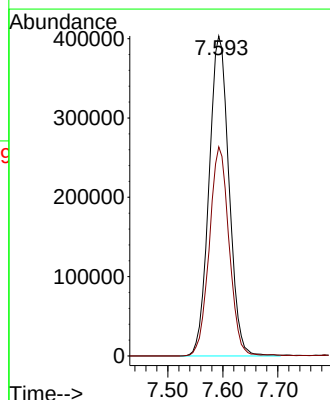
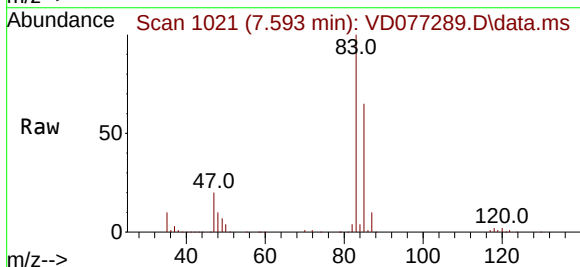
Acq: 06 Oct 2023 14:43

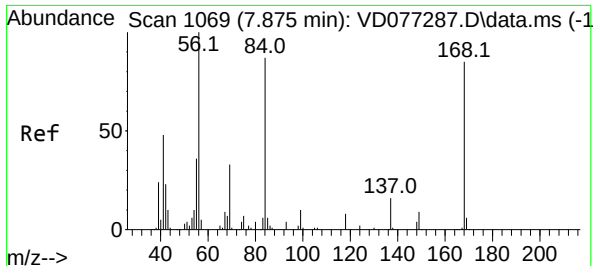
Tgt Ion: 83 Resp: 1016991

Ion Ratio Lower Upper

83 100

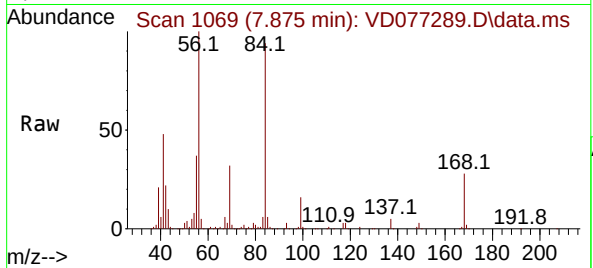
85 65.3 53.4 80.2





#31
Cyclohexane
Concen: 153.245 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

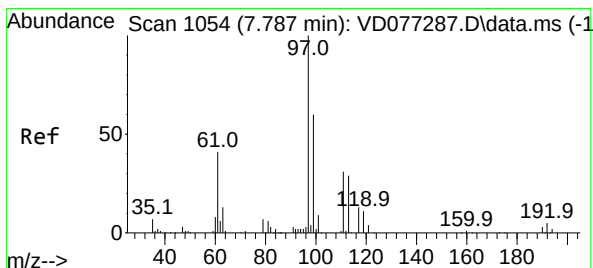
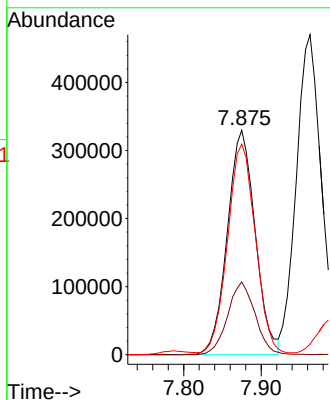
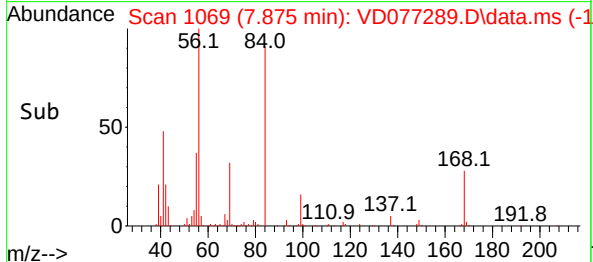
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 82778
Ion Ratio Lower Upper
56 100
69 32.5 28.6 43.0
84 92.3 84.8 127.2

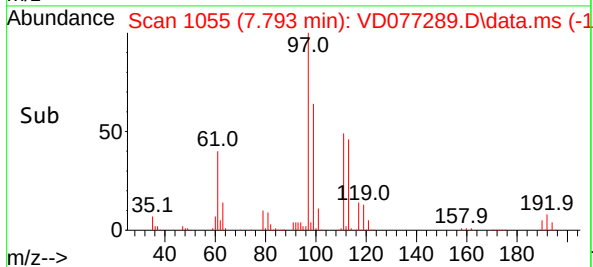
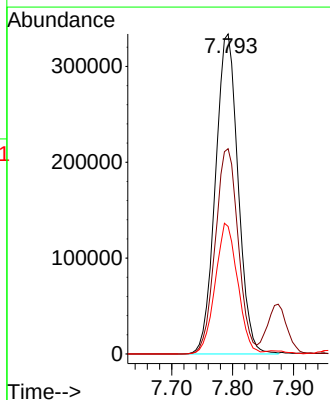
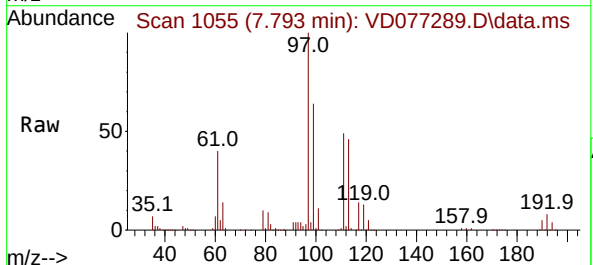
Manual Integrations
APPROVED

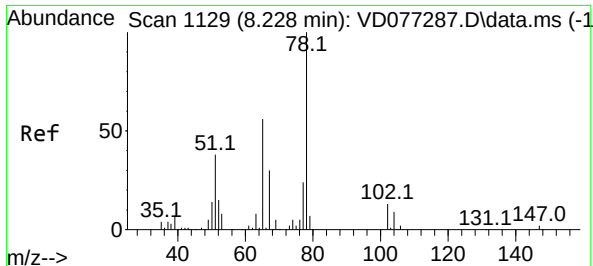
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#32
1,1,1-Trichloroethane
Concen: 148.656 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 97 Resp: 862735
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 40.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 154.949 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 40418

Ion Ratio Lower Upper

65 100

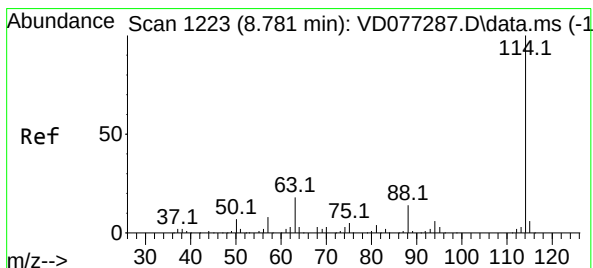
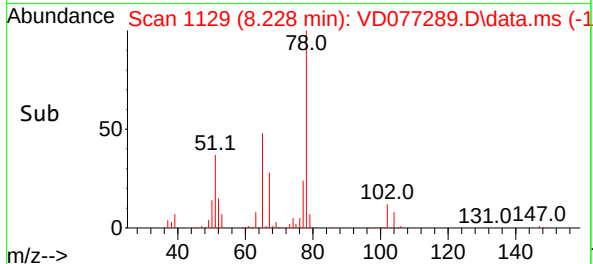
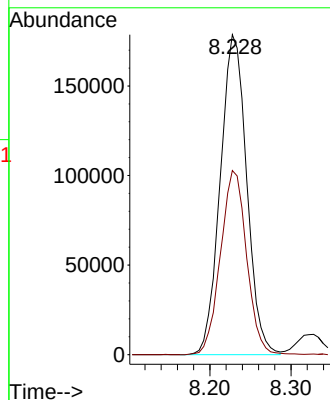
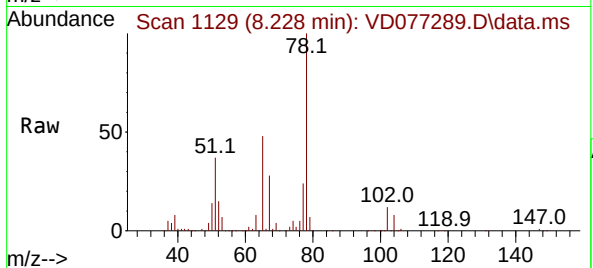
67 56.9 0.0 115.0

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: VD077289.D

Acq: 06 Oct 2023 14:43

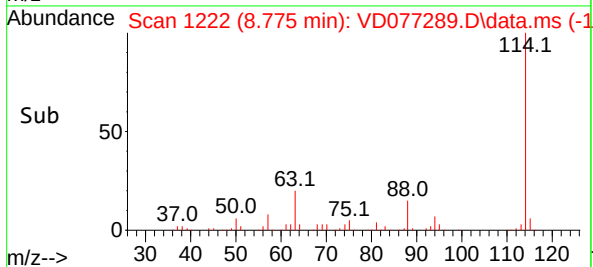
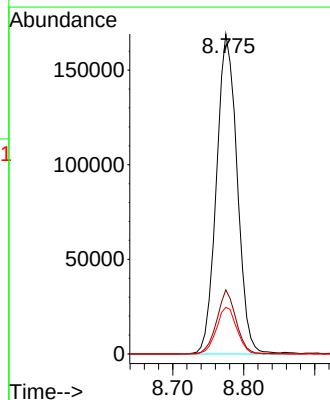
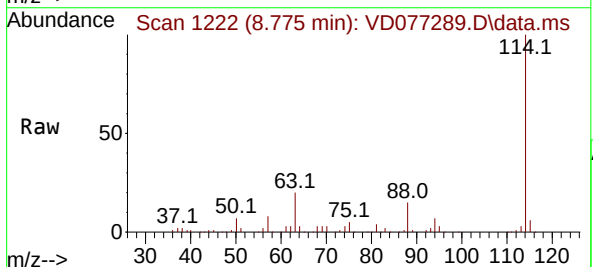
Tgt Ion:114 Resp: 341367

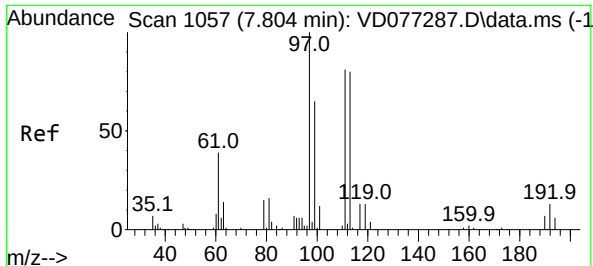
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 160.652 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

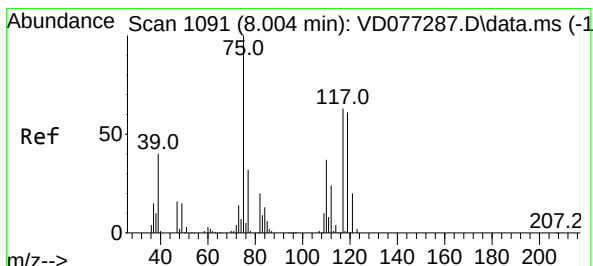
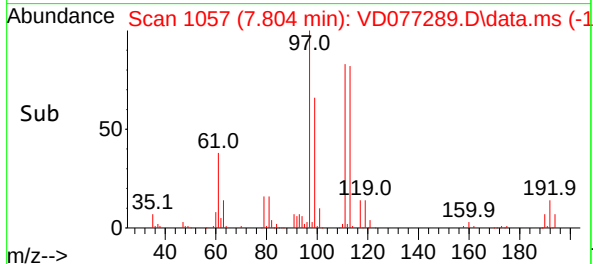
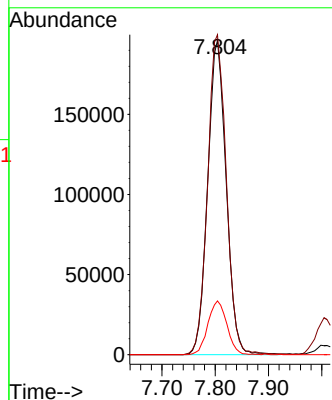
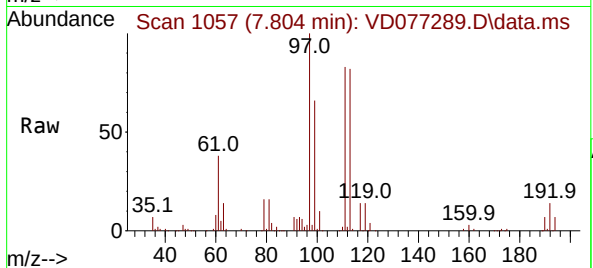
Tgt Ion: 113 Resp: 473214

Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.7	127.1
192	17.6	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: 158.421 ug/l

RT: 8.004 min Scan# 1091

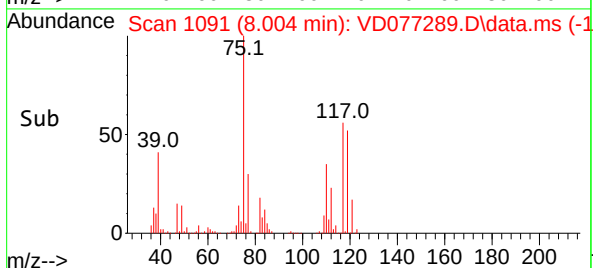
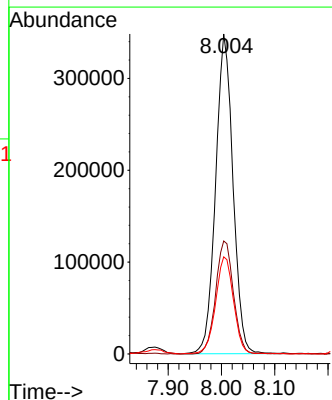
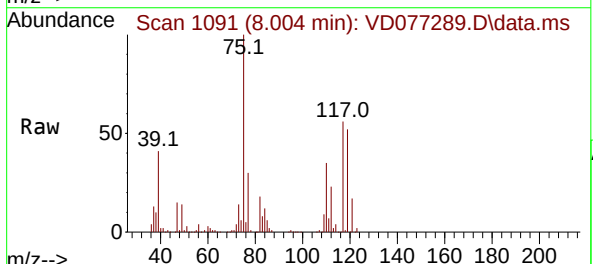
Delta R.T. -0.000 min

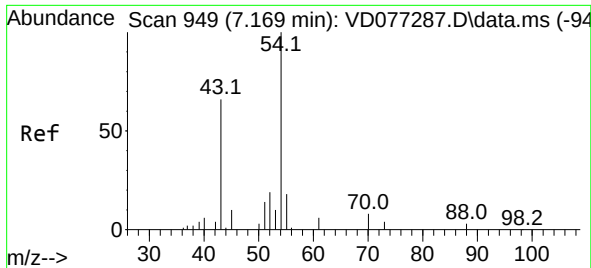
Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Tgt Ion: 75 Resp: 786477

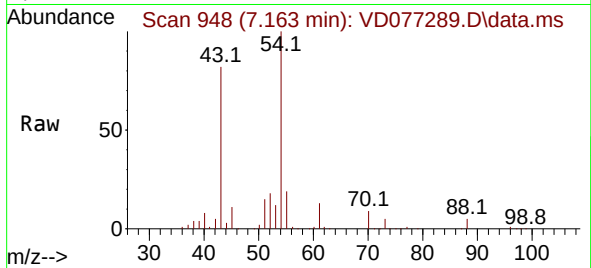
Ion	Ratio	Lower	Upper
75	100		
110	36.4	19.9	59.6
77	31.6	24.7	37.1





#37
Ethyl Acetate
Concen: 160.645 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

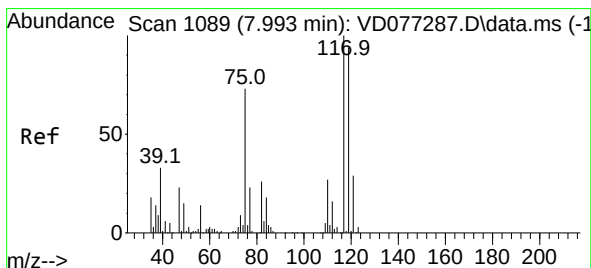
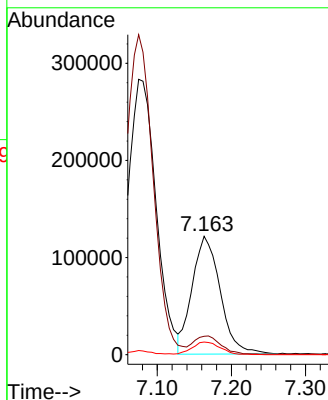
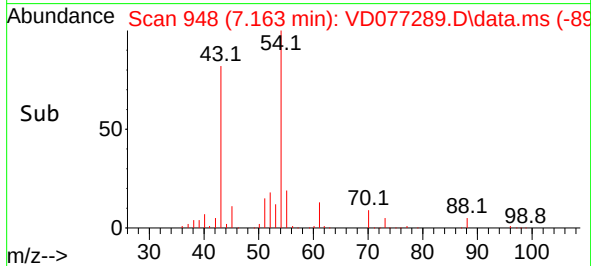
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 32017
Ion Ratio Lower Upper
43 100
61 15.0 14.9 22.3
70 10.8 10.0 15.0

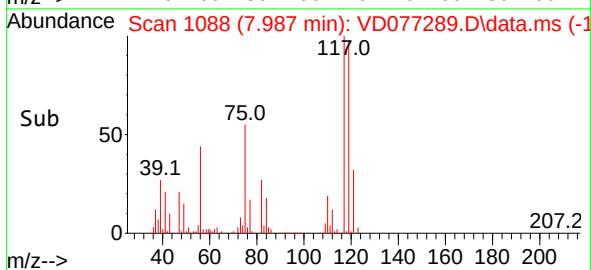
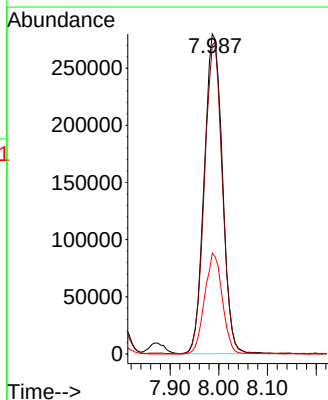
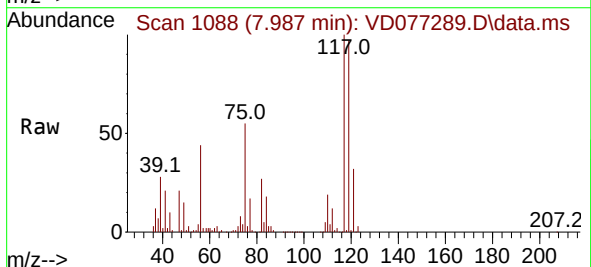
Manual Integrations
APPROVED

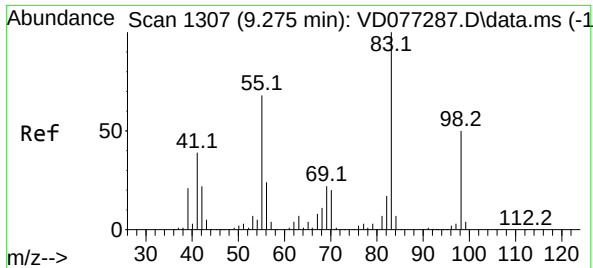
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#38
Carbon Tetrachloride
Concen: 155.995 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:117 Resp: 721507
Ion Ratio Lower Upper
117 100
119 96.6 78.0 117.0
121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 166.033 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 95732

Ion Ratio Lower Upper

83 100

55 68.2 49.4 74.0

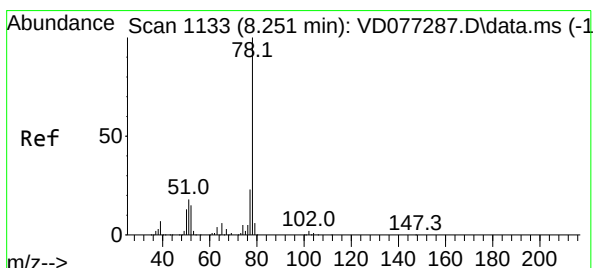
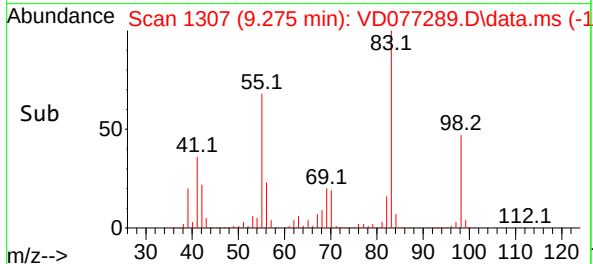
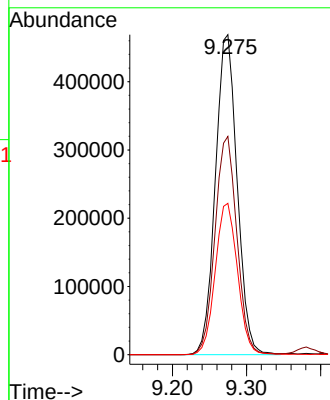
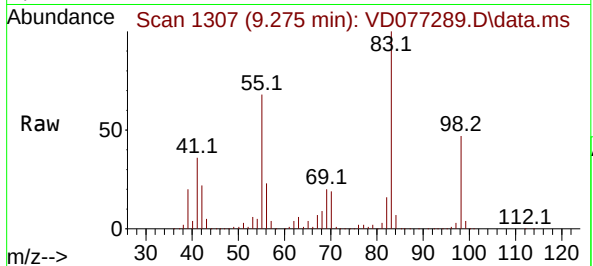
98 47.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#40

Benzene

Concen: 155.716 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD077289.D

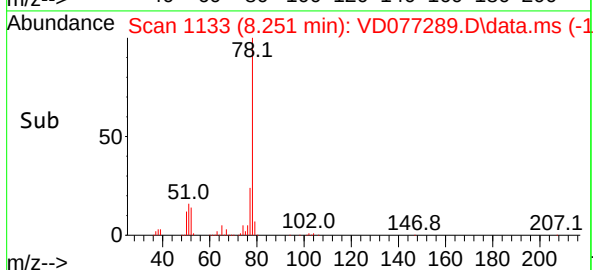
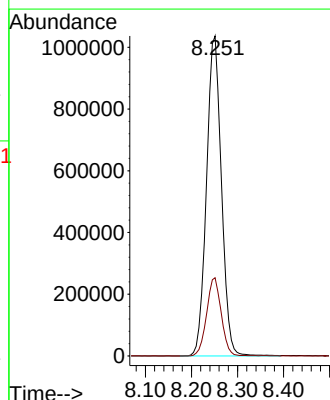
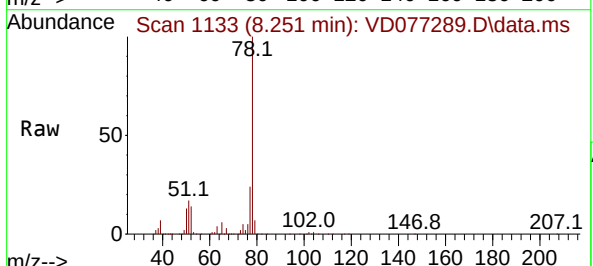
Acq: 06 Oct 2023 14:43

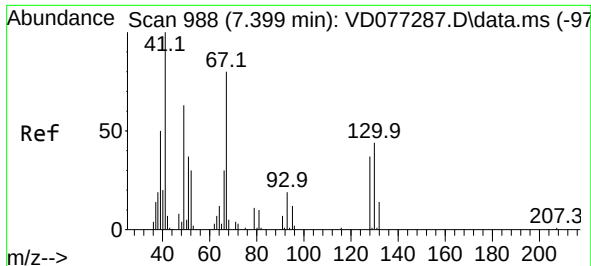
Tgt Ion: 78 Resp: 2343959

Ion Ratio Lower Upper

78 100

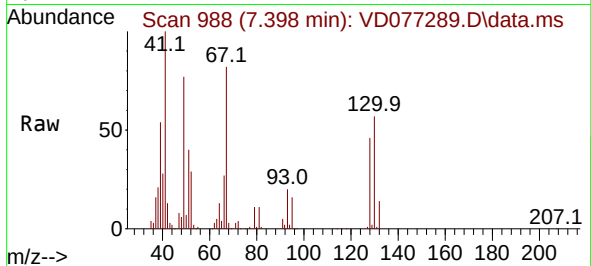
77 24.4 19.4 29.0





#41
Methacrylonitrile
Concen: 163.946 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

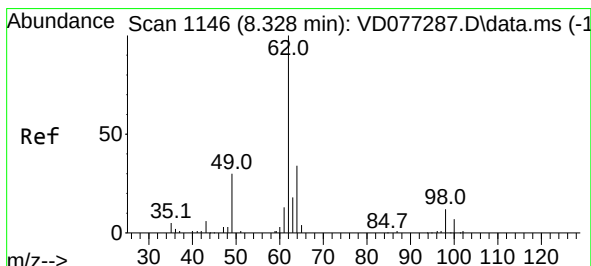
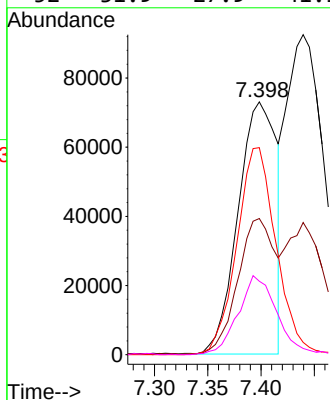
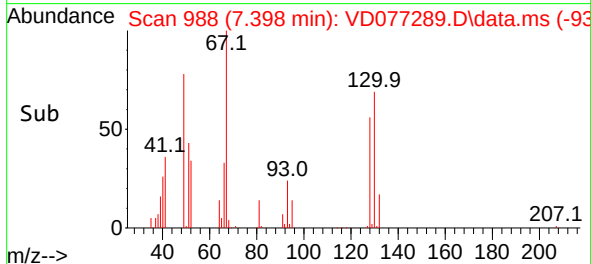
Instrument :
MSVOA_D
Client Sample Id :
VSTDIC150



Tgt Ion: 41 Resp: 183088
Ion Ratio Lower Upper
41 100
39 51.6 34.0 51.0
67 84.6 77.0 115.4
52 31.9 27.9 41.9

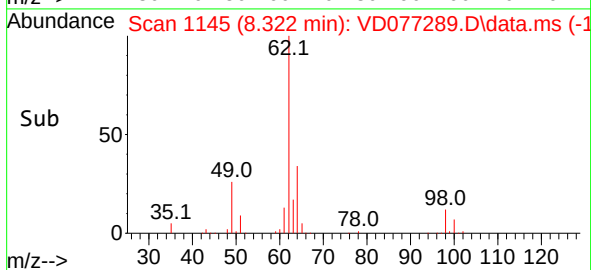
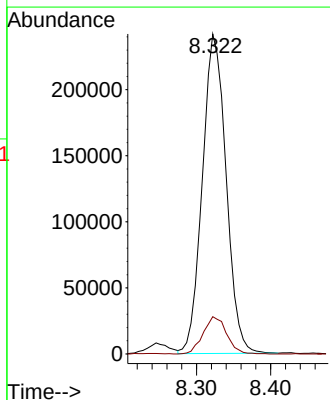
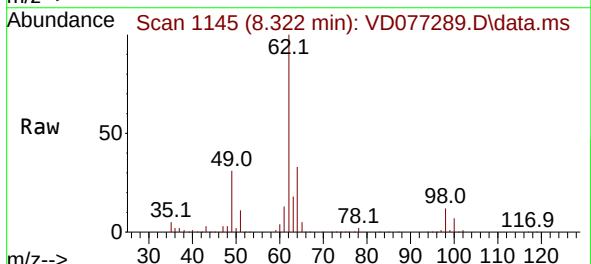
Manual Integrations
APPROVED

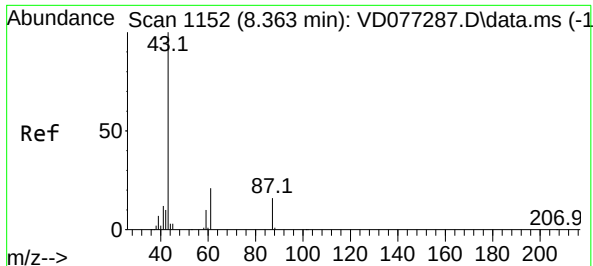
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#42
1,2-Dichloroethane
Concen: 150.526 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

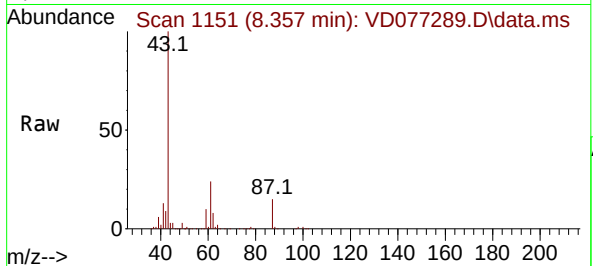
Tgt Ion: 62 Resp: 538887
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4





#43
Isopropyl Acetate
Concen: 163.272 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

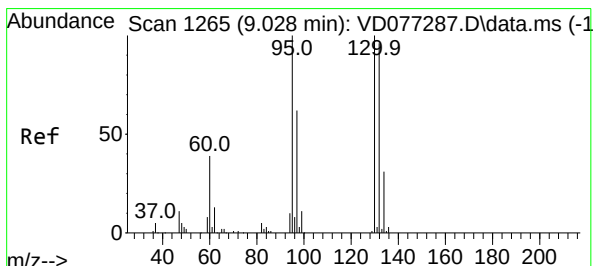
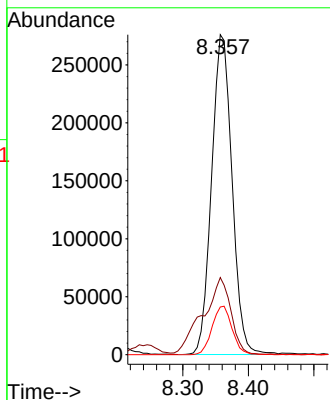
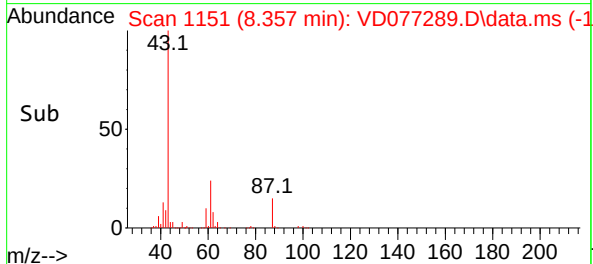
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 597630
Ion Ratio Lower Upper
43 100
61 32.8 31.4 47.0
87 14.8 14.9 22.3

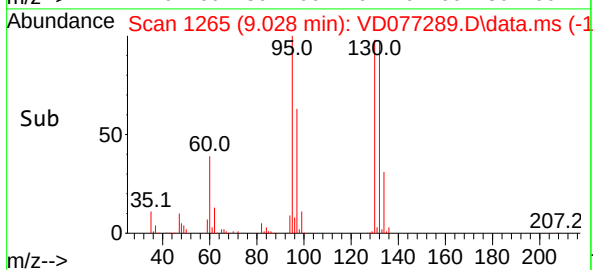
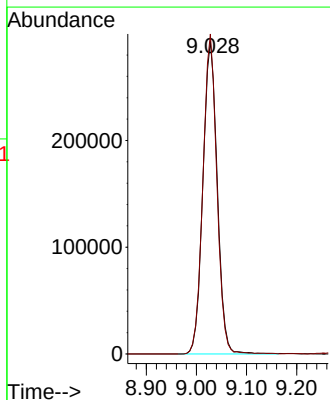
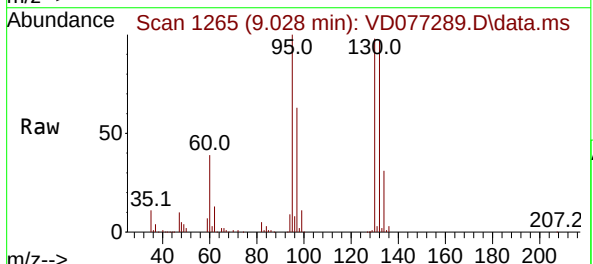
Manual Integrations
APPROVED

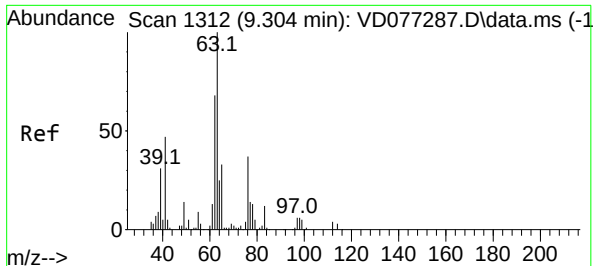
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#44
Trichloroethene
Concen: 152.454 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:130 Resp: 582568
Ion Ratio Lower Upper
130 100
95 102.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 153.286 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 577010

Ion Ratio Lower Upper

63 100

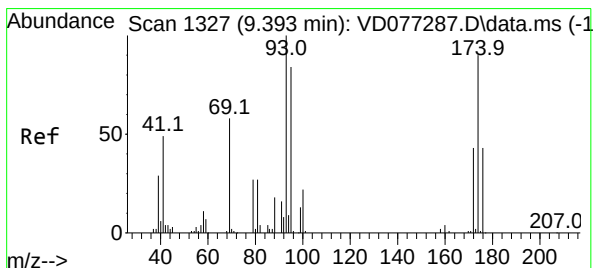
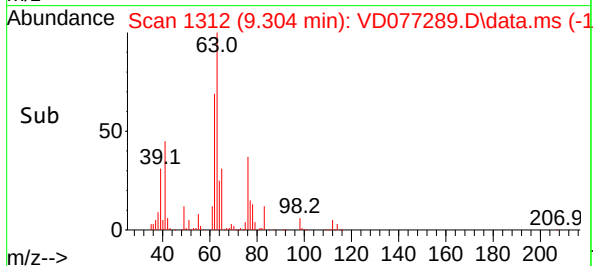
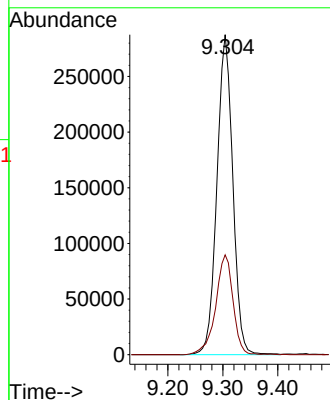
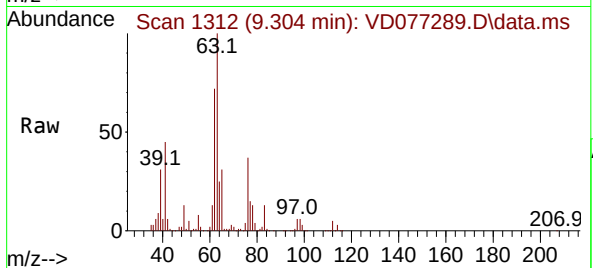
65 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#46

Dibromomethane

Concen: 154.406 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

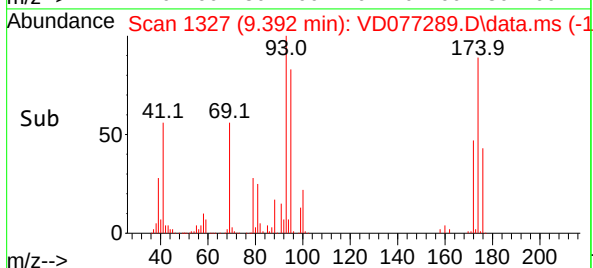
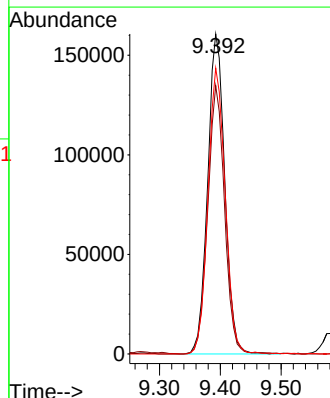
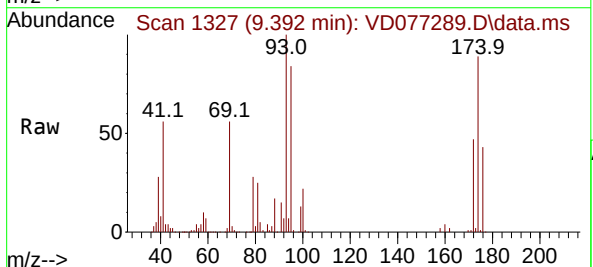
Tgt Ion: 93 Resp: 313981

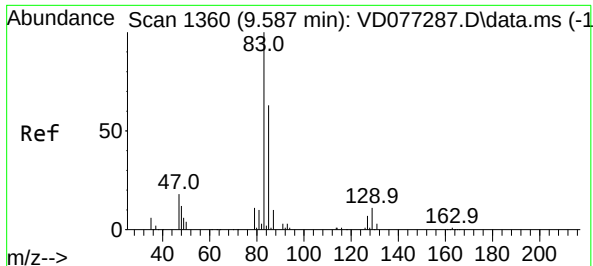
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 90.5 85.4 128.2





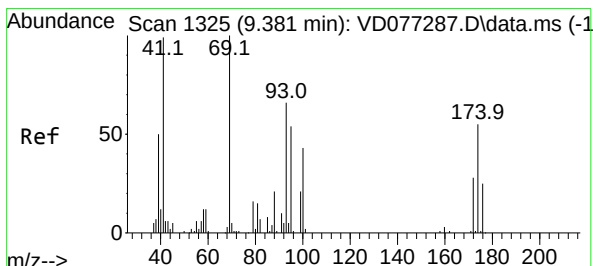
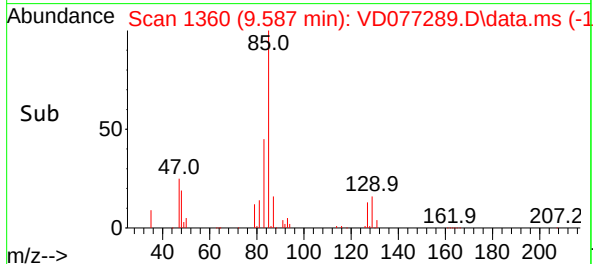
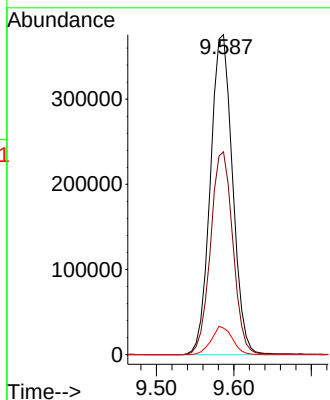
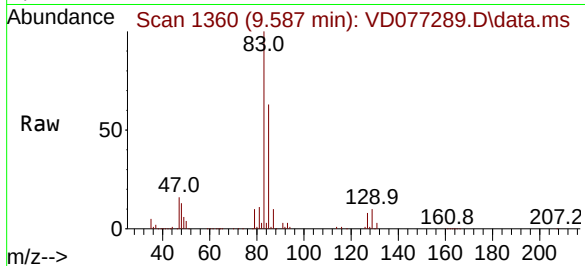
#47
Bromodichloromethane
Concen: 152.380 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 74715
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 8.3 6.3 9.5

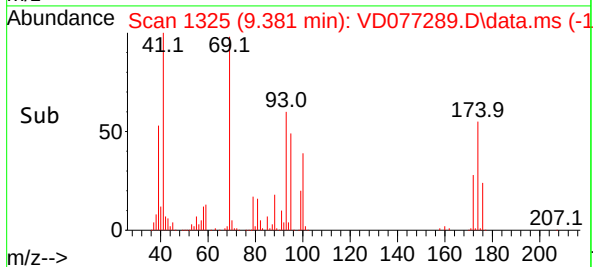
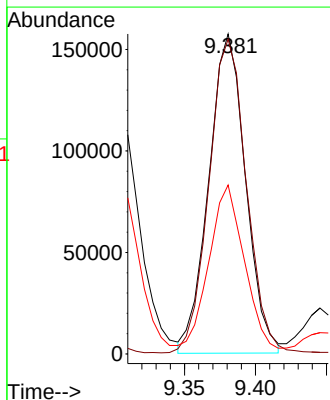
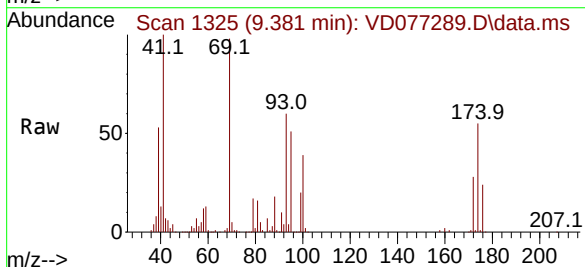
Manual Integrations
APPROVED

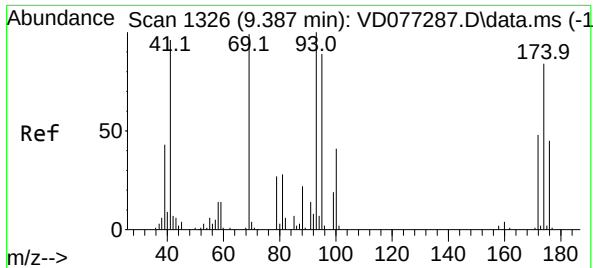
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#48
Methyl methacrylate
Concen: 168.987 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 41 Resp: 282948
Ion Ratio Lower Upper
41 100
69 100.4 102.2 153.2#
39 48.1 41.4 62.2





#49

1,4-Dioxane

Concen: 3232.601 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 69078

Ion Ratio Lower Upper

88 100

43 26.4 19.0 28.6

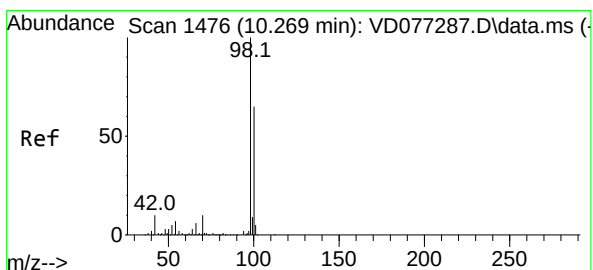
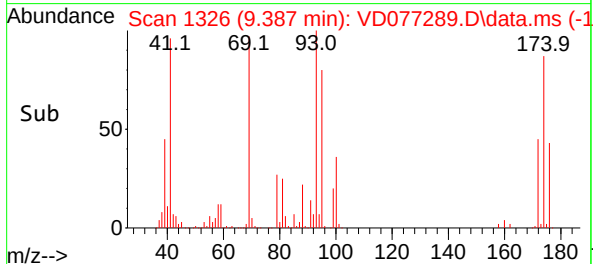
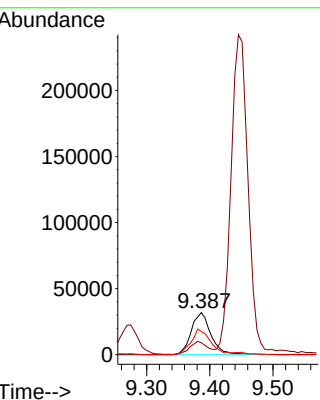
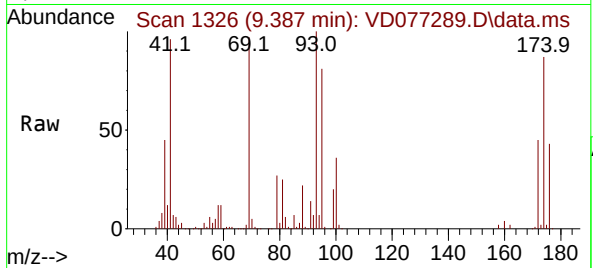
58 59.8 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#50

Toluene-d8

Concen: 169.955 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077289.D

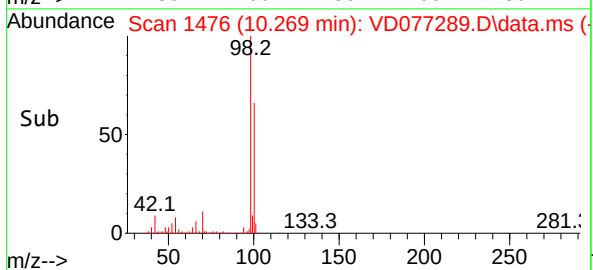
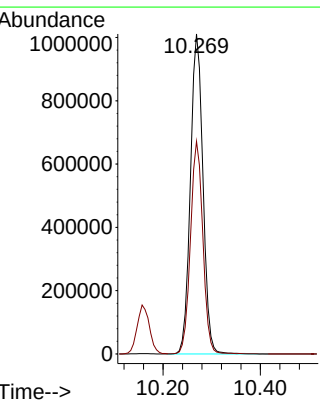
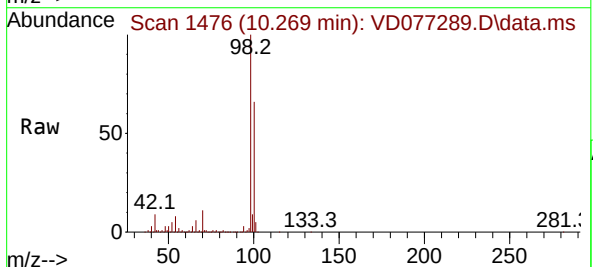
Acq: 06 Oct 2023 14:43

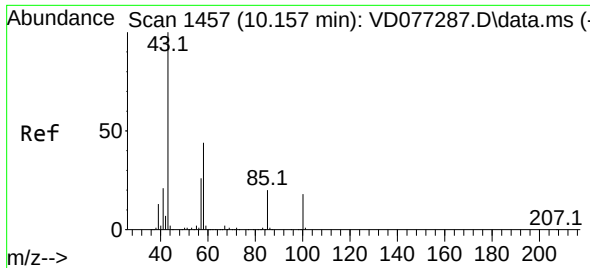
Tgt Ion: 98 Resp: 1803566

Ion Ratio Lower Upper

98 100

100 65.7 50.3 75.5





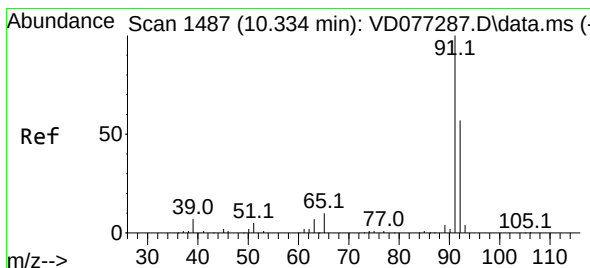
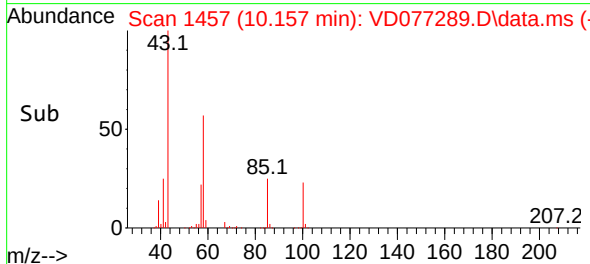
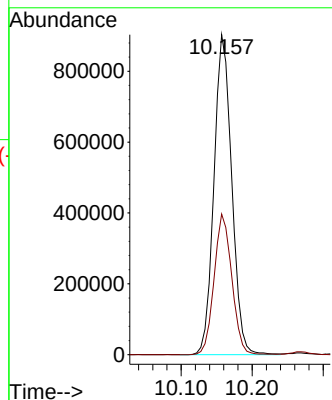
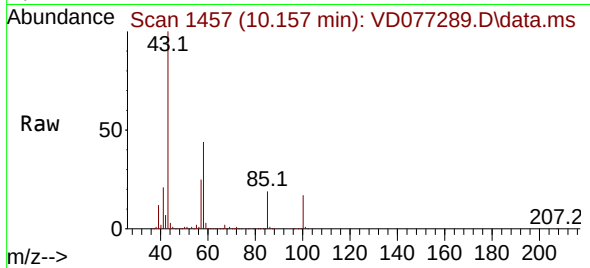
#51
4-Methyl-2-Pentanone
Concen: 823.171 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1568909
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3

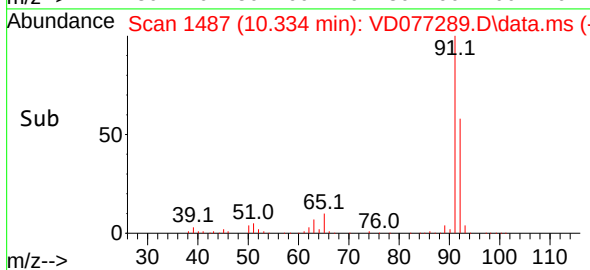
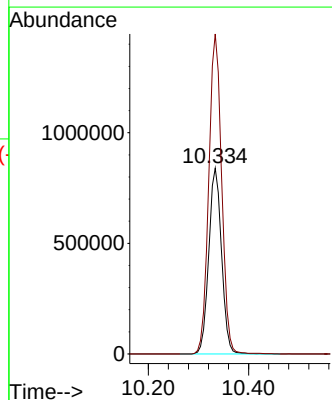
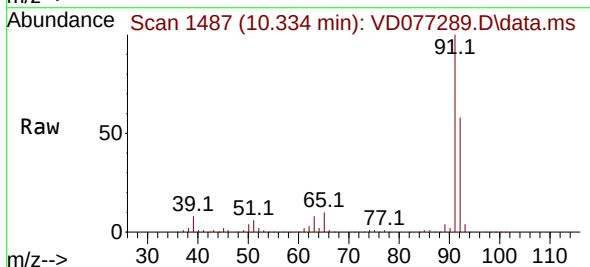
Manual Integrations
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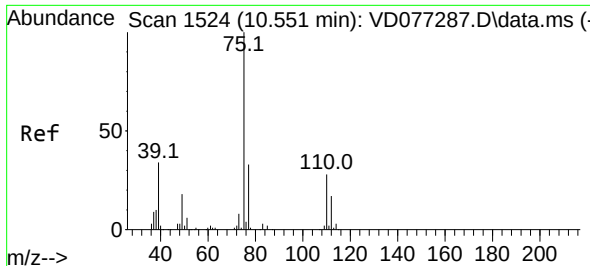
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#52
Toluene
Concen: 158.945 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 92 Resp: 1485667
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4





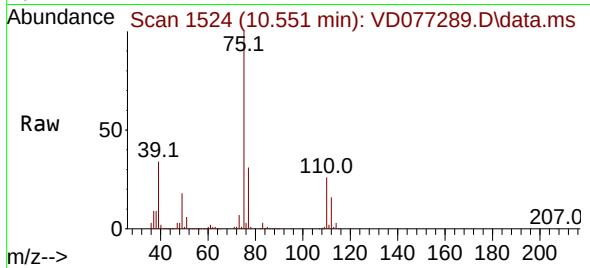
#53
t-1,3-Dichloropropene
Concen: 166.589 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

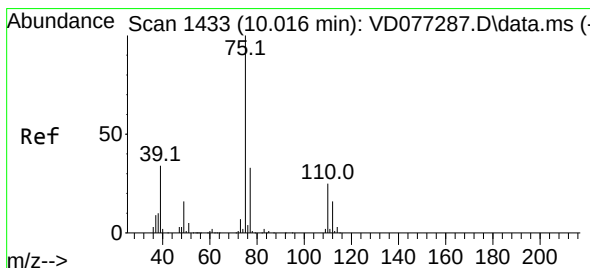
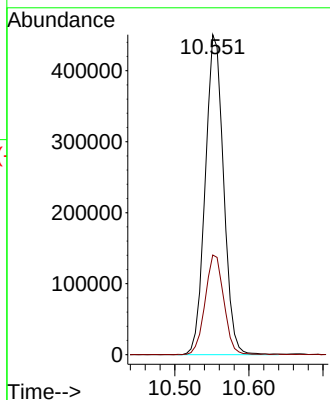
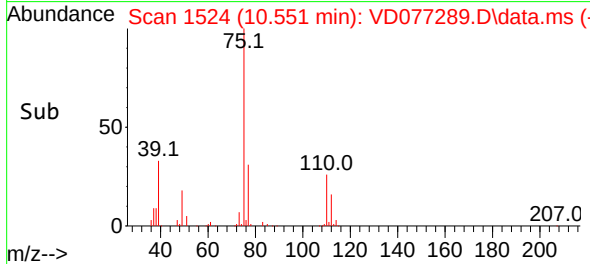


Tgt Ion: 75 Resp: 77300
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

Manual Integrations

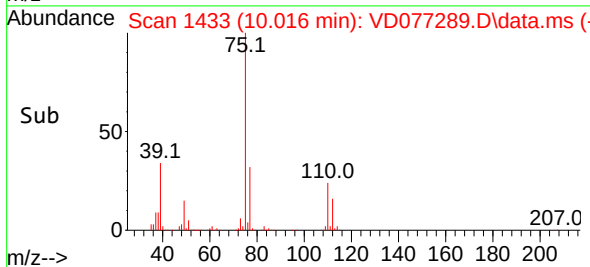
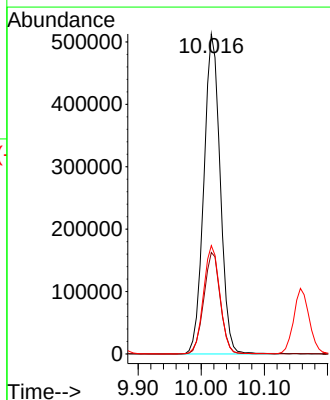
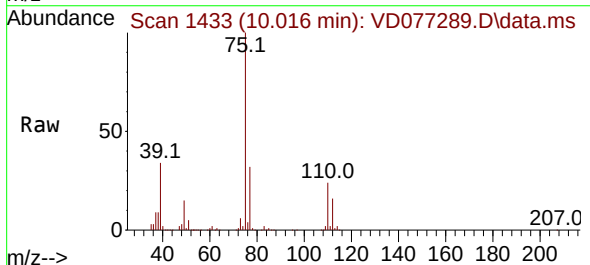
APPROVED

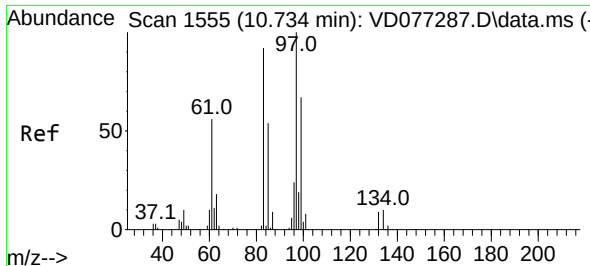
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#54
cis-1,3-Dichloropropene
Concen: 162.288 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

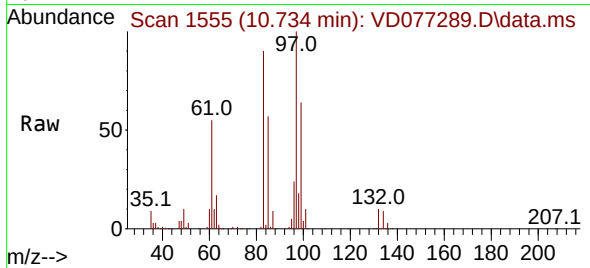
Tgt Ion: 75 Resp: 922775
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
39 33.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 152.855 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

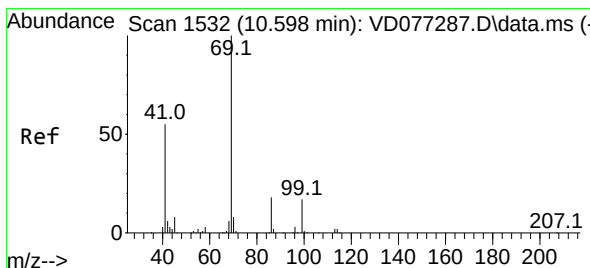
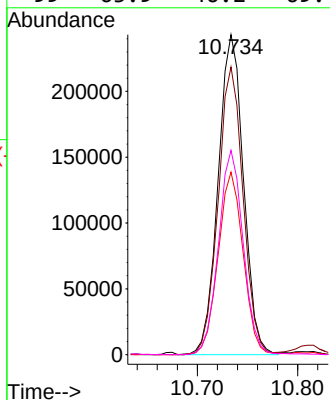
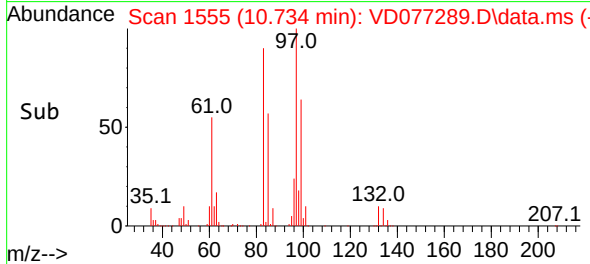


Tgt Ion: 97 Resp: 425852

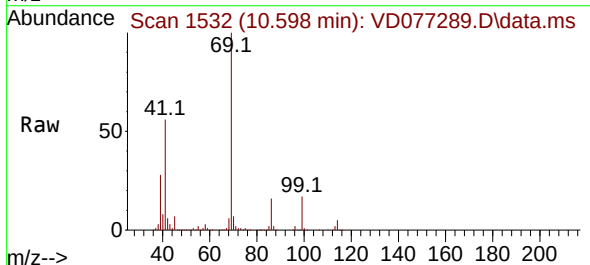
Ion	Ratio	Lower	Upper
97	100		
83	89.9	65.8	98.6
85	56.9	45.7	68.5
99	63.9	46.2	69.4

Manual Integrations
APPROVED

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

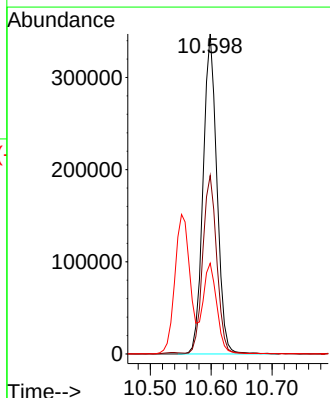
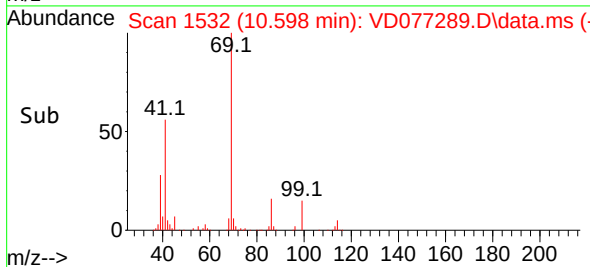


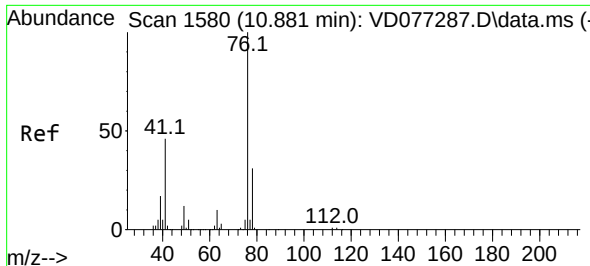
#56
Ethyl methacrylate
Concen: 175.062 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



Tgt Ion: 69 Resp: 547842

Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.1	58.7
39	28.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 159.579 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 738904

Ion Ratio Lower Upper

76 100

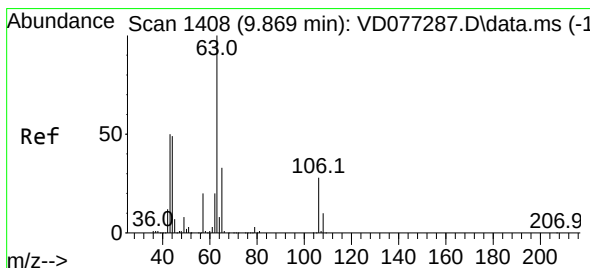
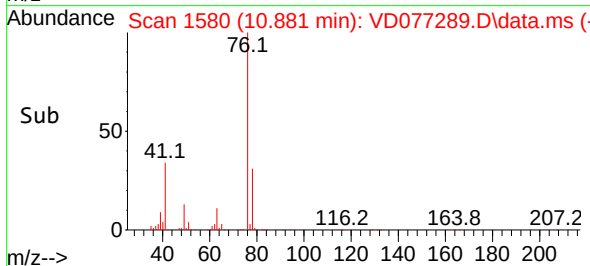
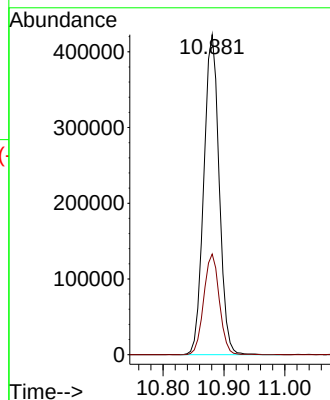
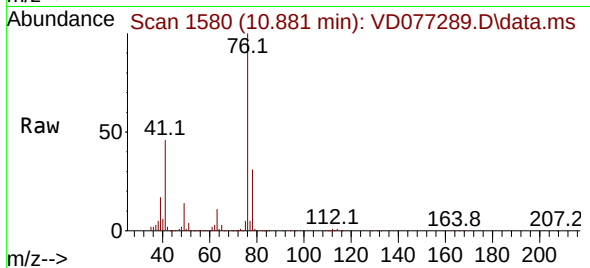
78 31.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 862.124 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077289.D

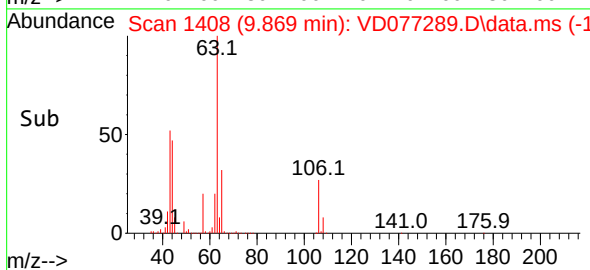
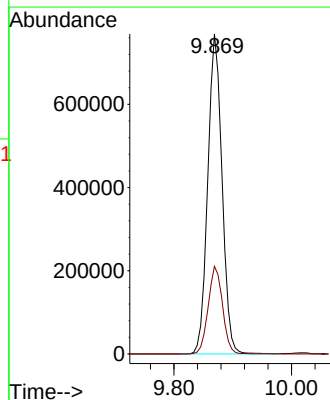
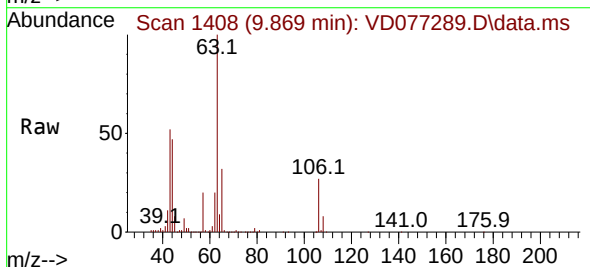
Acq: 06 Oct 2023 14:43

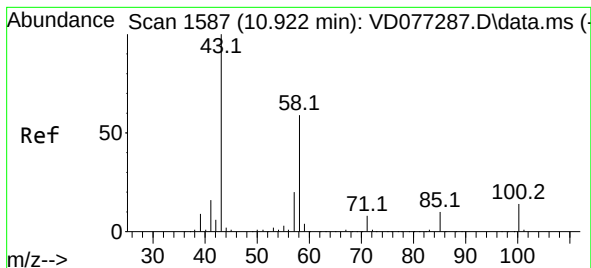
Tgt Ion: 63 Resp: 1294014

Ion Ratio Lower Upper

63 100

106 27.5 25.3 37.9





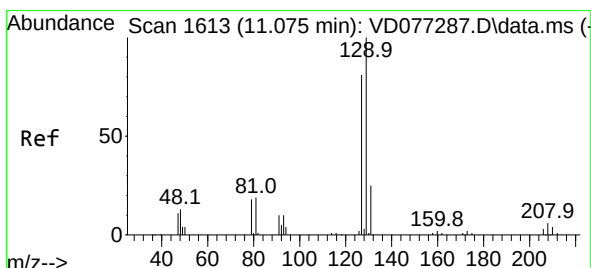
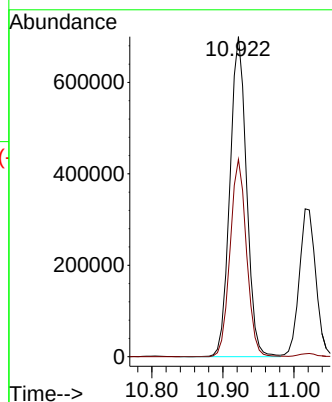
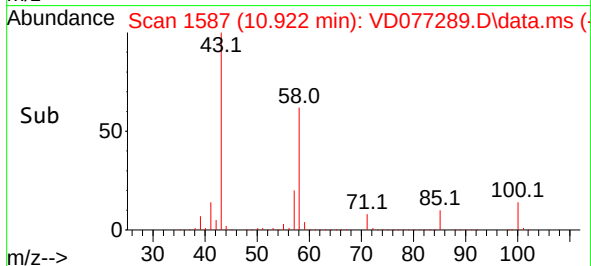
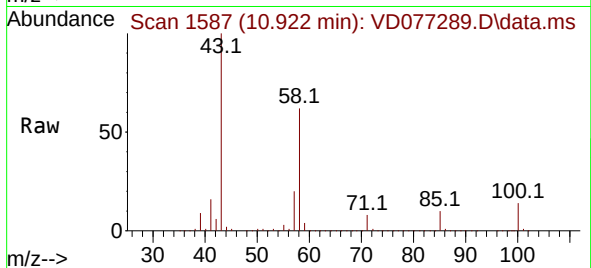
#59
2-Hexanone
Concen: 834.817 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1138750
Ion Ratio Lower Upper
43 100
58 60.9 34.1 102.2

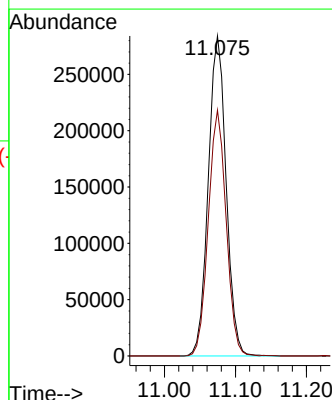
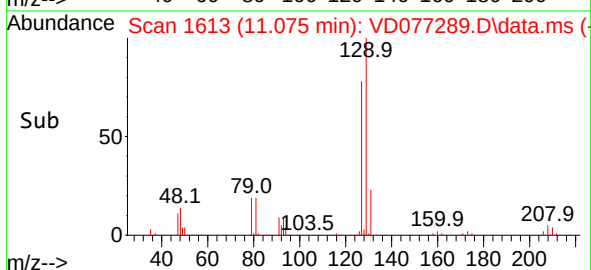
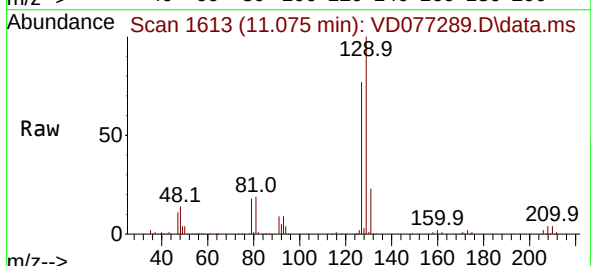
Manual Integrations
APPROVED

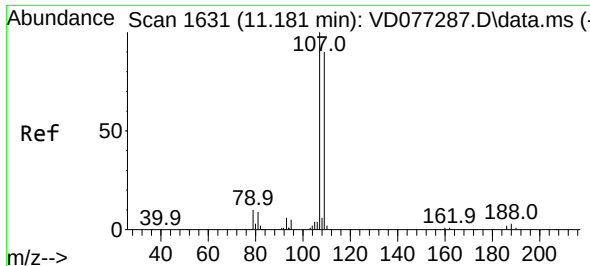
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#60
Dibromochloromethane
Concen: 153.594 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

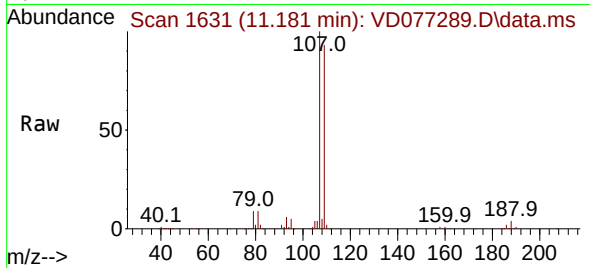
Tgt Ion:129 Resp: 496974
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5





#61
1,2-Dibromoethane
Concen: 155.570 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

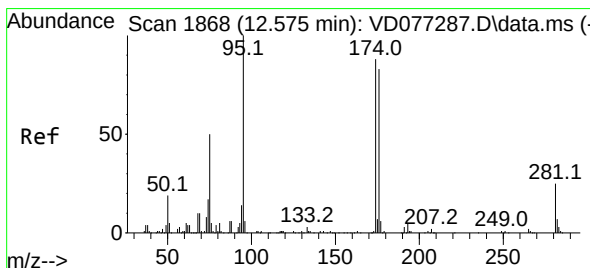
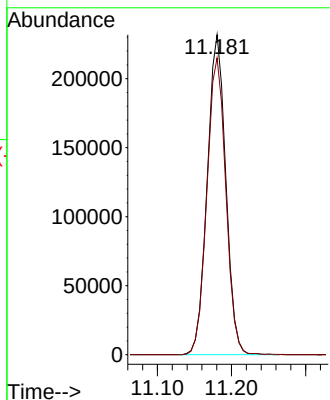
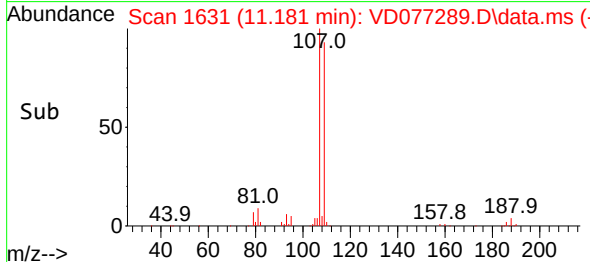
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



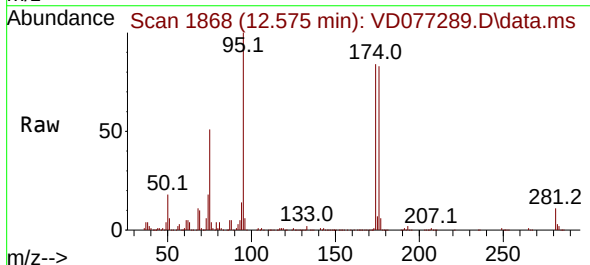
Tgt Ion:107 Resp: 40297
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

Manual Integrations
APPROVED

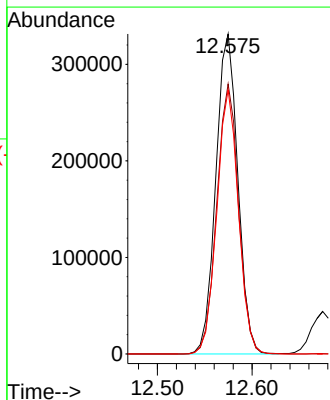
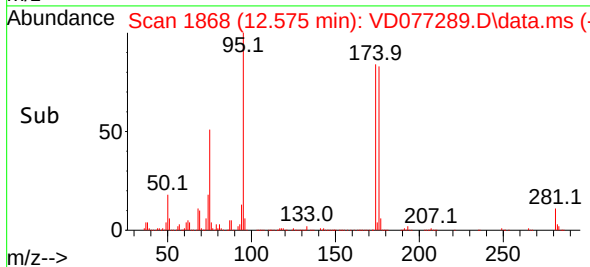
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

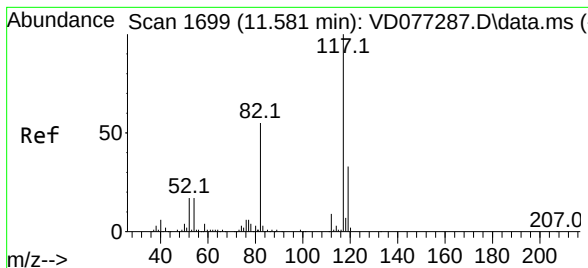


#62
4-Bromofluorobenzene
Concen: 158.226 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



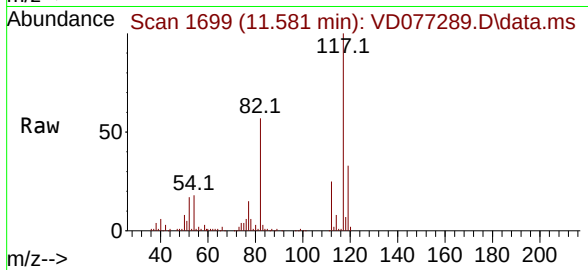
Tgt Ion: 95 Resp: 533951
Ion Ratio Lower Upper
95 100
174 83.9 0.0 201.8
176 80.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

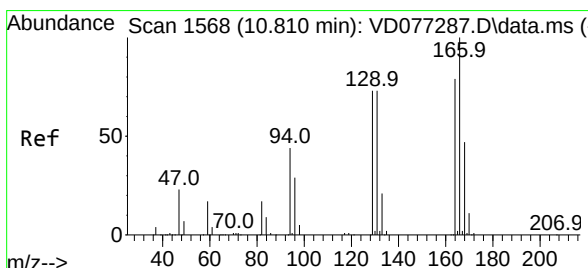
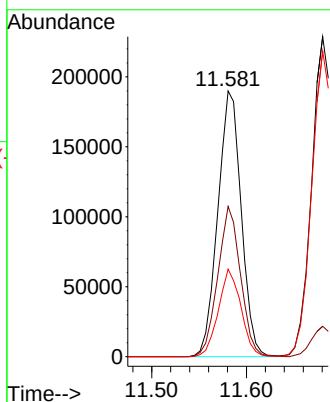
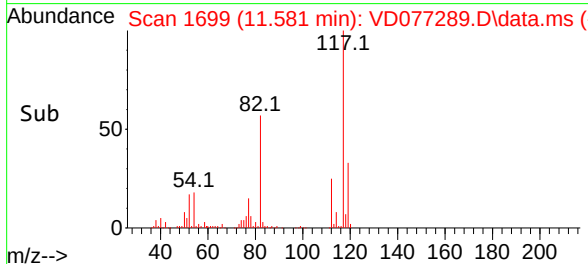
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



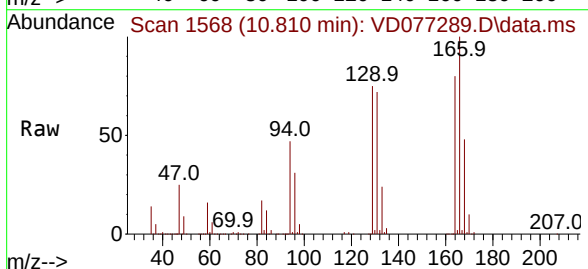
Tgt Ion:117 Resp: 32680
Ion Ratio Lower Upper
117 100
82 56.5 38.3 57.5
119 32.9 25.0 37.4

Manual Integrations
APPROVED

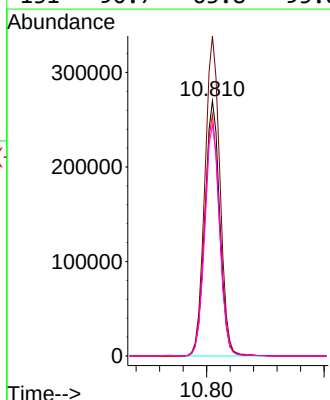
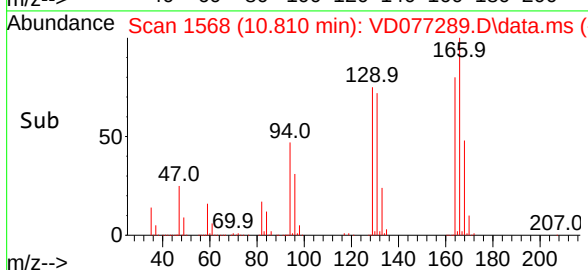
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

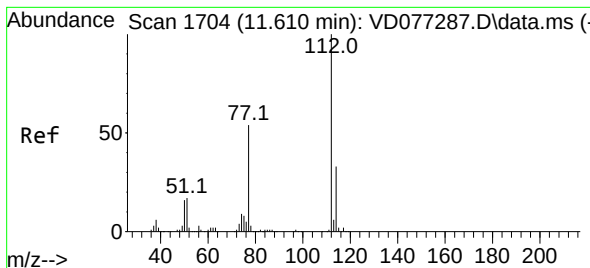


#64
Tetrachloroethene
Concen: 151.659 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



Tgt Ion:164 Resp: 473038
Ion Ratio Lower Upper
164 100
166 125.5 99.2 148.8
129 94.6 68.4 102.6
131 90.7 63.8 95.8





#65

Chlorobenzene

Concen: 152.921 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion:112 Resp: 149645

Ion Ratio Lower Upper

112 100

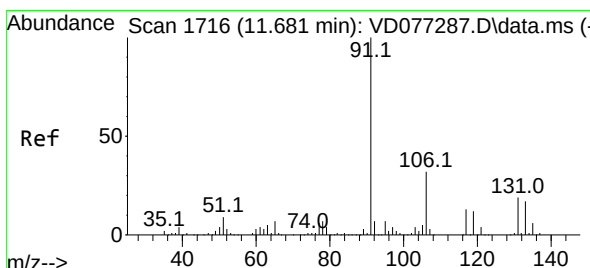
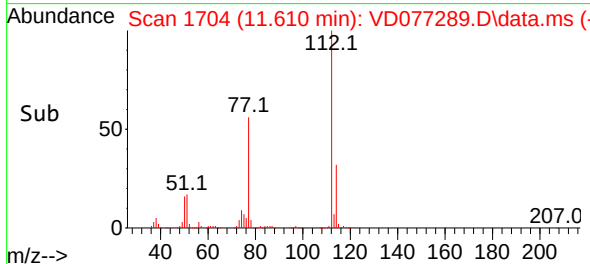
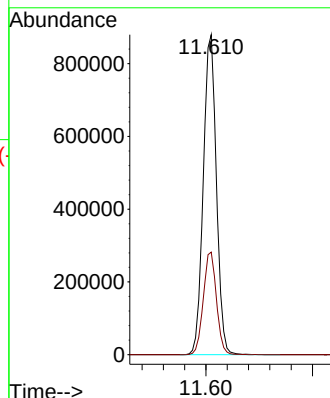
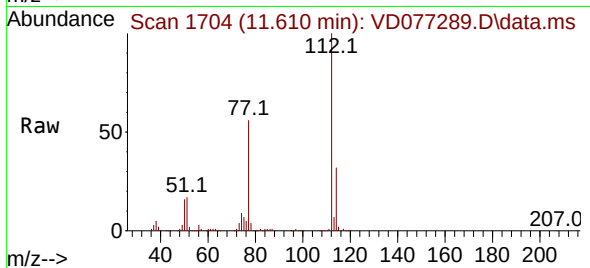
114 32.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 154.412 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

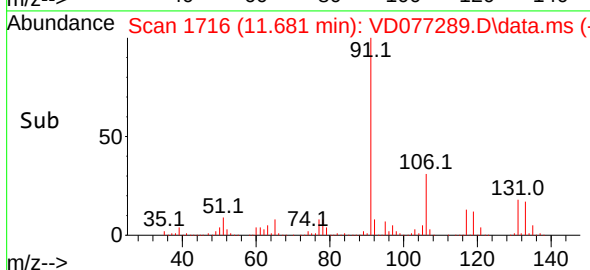
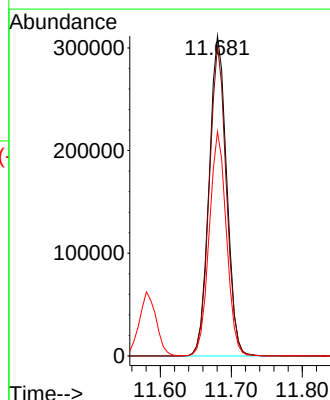
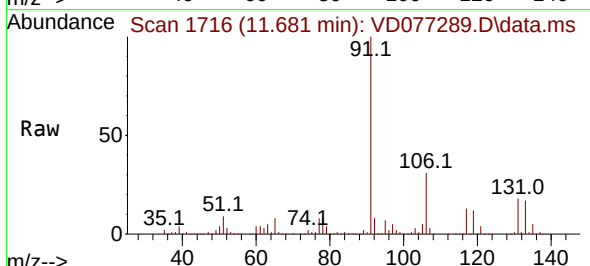
Tgt Ion:131 Resp: 535704

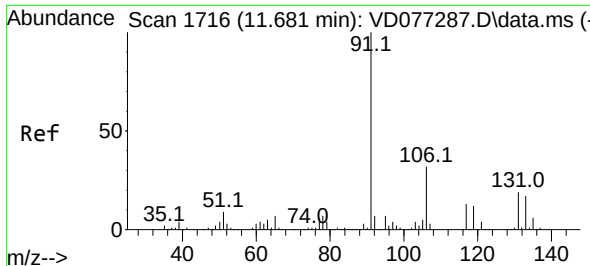
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 68.7 35.6 106.9





#67

Ethyl Benzene

Concen: 166.021 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 2927120

Ion Ratio Lower Upper

91 100

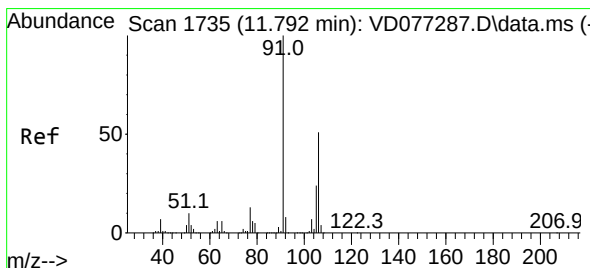
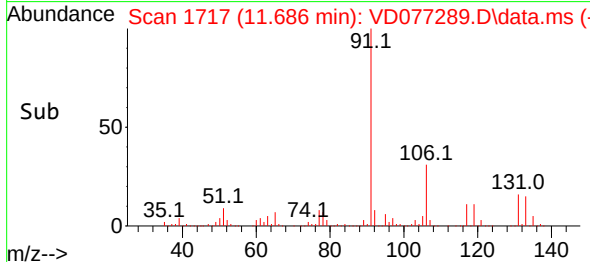
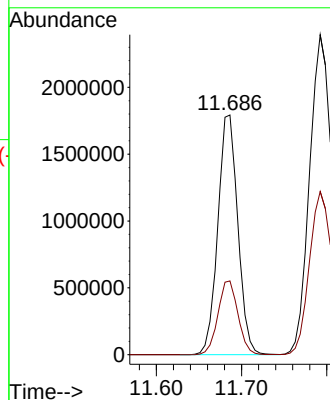
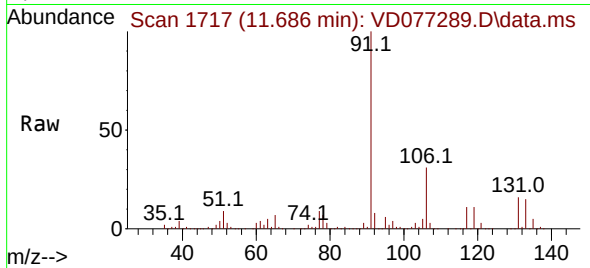
106 30.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#68

m/p-Xylenes

Concen: 328.881 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077289.D

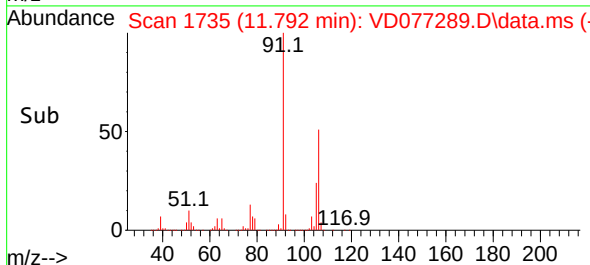
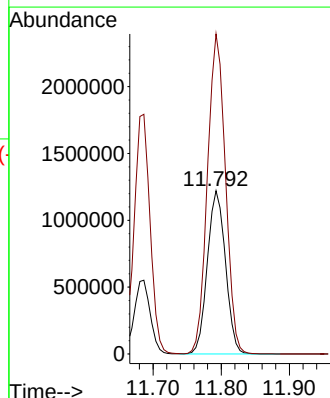
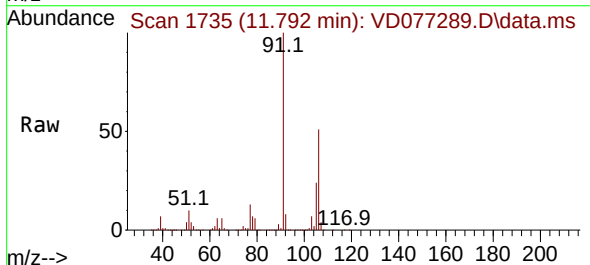
Acq: 06 Oct 2023 14:43

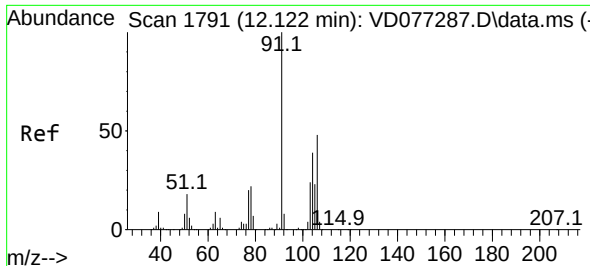
Tgt Ion:106 Resp: 2250486

Ion Ratio Lower Upper

106 100

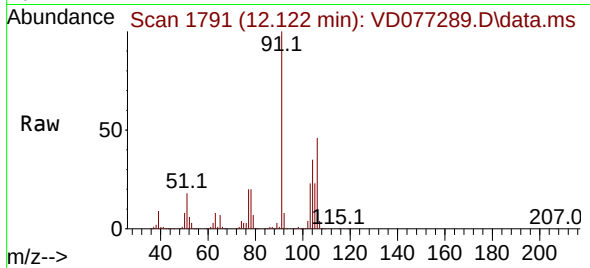
91 195.6 147.0 220.6





#69
o-Xylene
Concen: 163.907 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

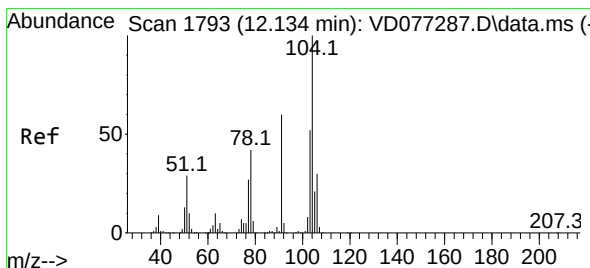
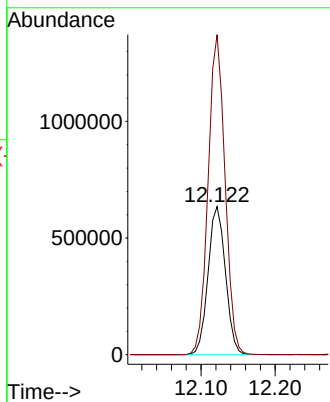
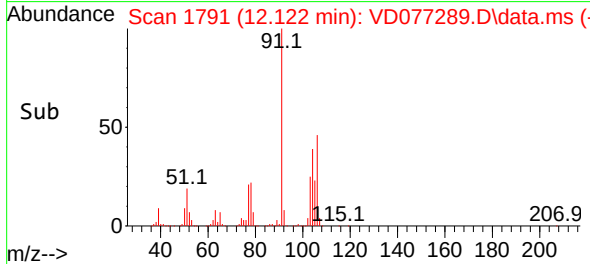
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion:106 Resp: 1032604
Ion Ratio Lower Upper
106 100
91 210.5 97.9 293.6

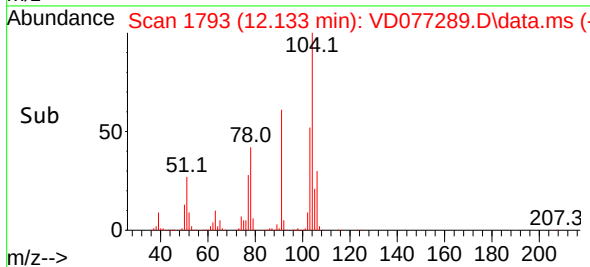
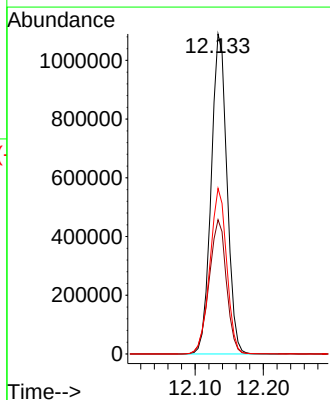
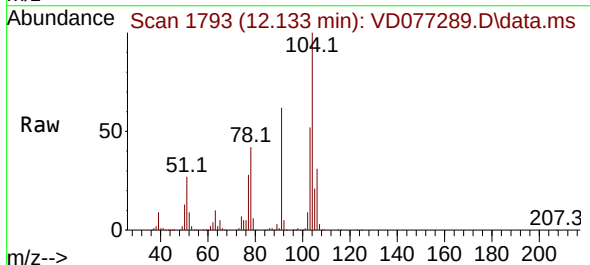
Manual Integrations
APPROVED

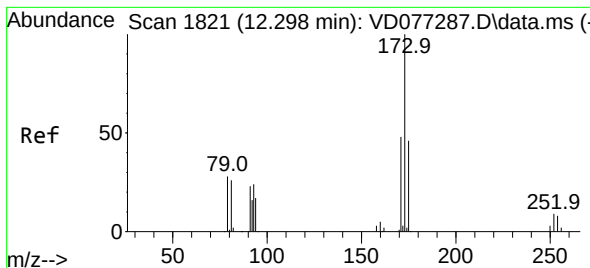
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#70
Styrene
Concen: 162.215 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:104 Resp: 1758105
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 55.0 43.6 65.4





#71

Bromoform

Concen: 149.429 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD077289.D

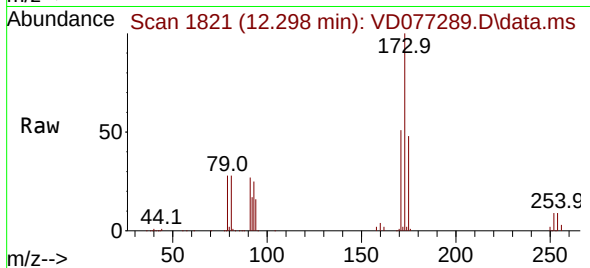
Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150



Tgt Ion:173 Resp: 274149

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

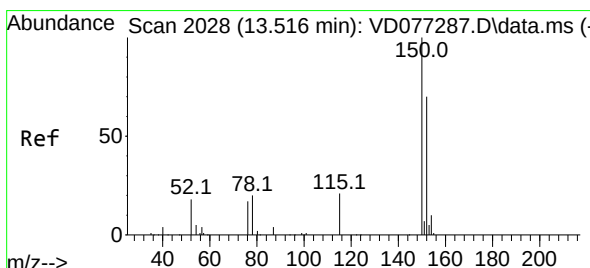
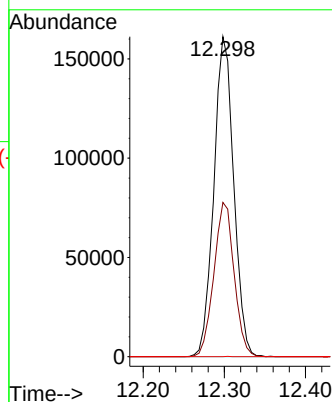
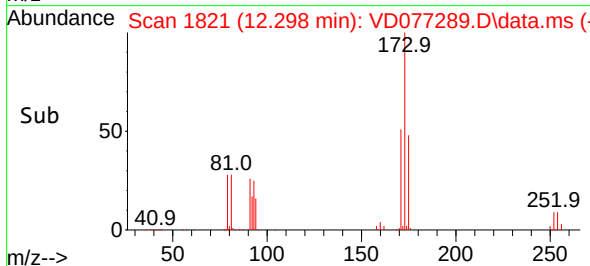
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :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: VD077289.D

Acq: 06 Oct 2023 14:43

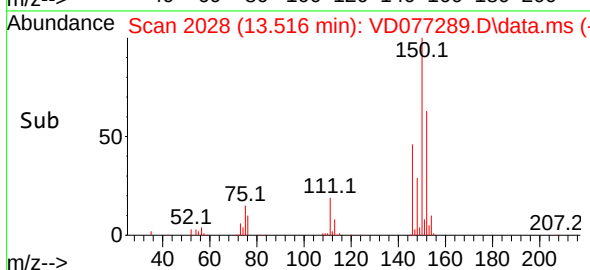
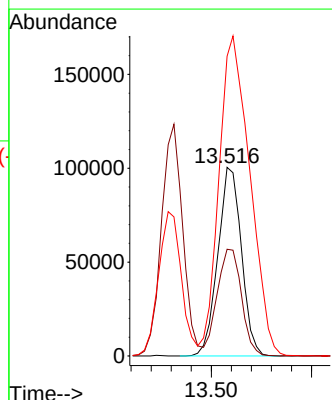
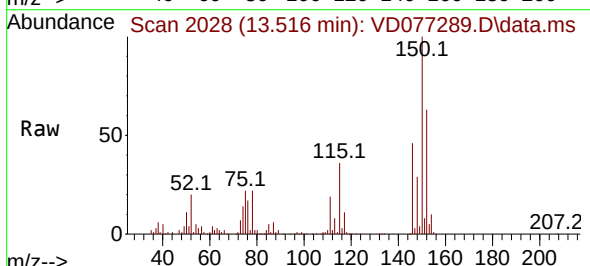
Tgt Ion:152 Resp: 163620

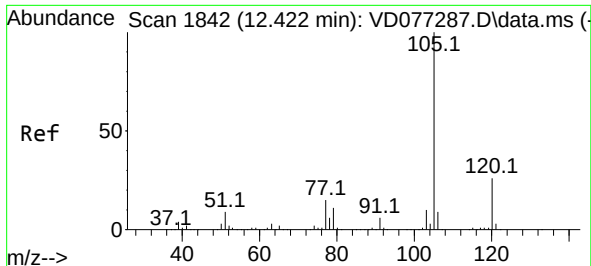
Ion Ratio Lower Upper

152 100

115 58.3 27.1 81.3

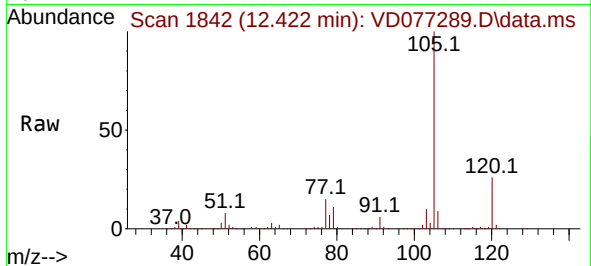
150 223.4 0.0 353.6





#73
Isopropylbenzene
Concen: 167.779 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

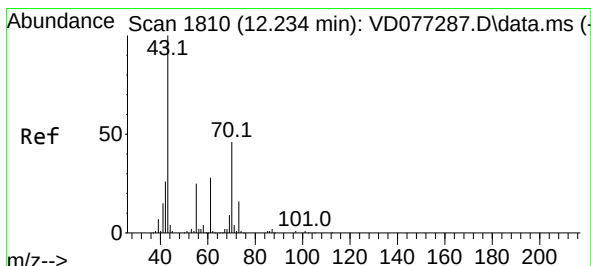
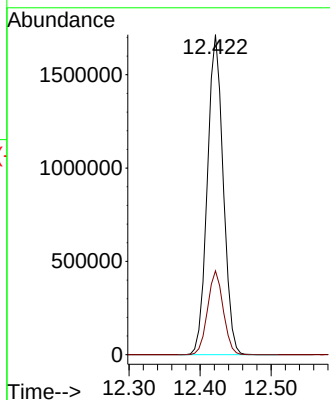
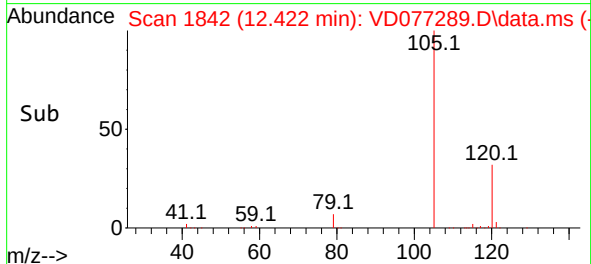
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



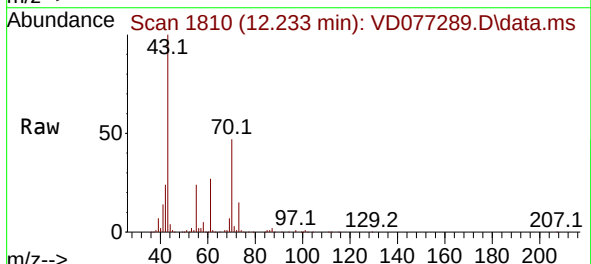
Tgt Ion:105 Resp: 2656792
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9

Manual Integrations
APPROVED

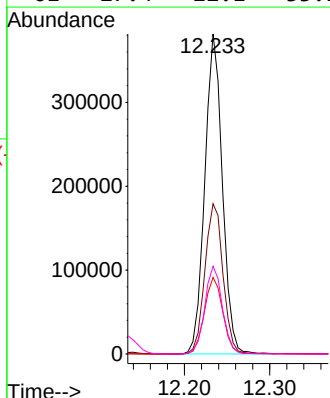
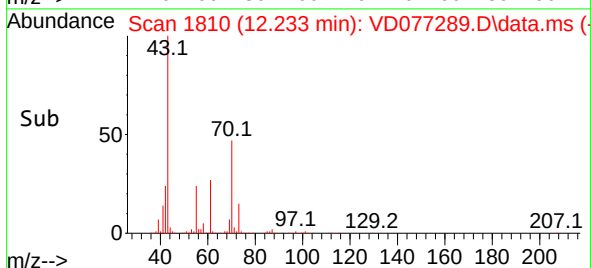
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

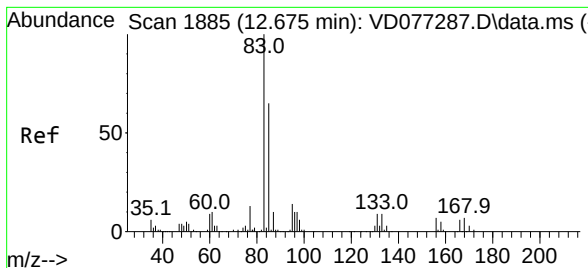


#74
N-ethyl acetate
Concen: 168.038 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



Tgt Ion: 43 Resp: 546766
Ion Ratio Lower Upper
43 100
70 48.5 45.0 67.4
55 25.1 23.8 35.6
61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 155.022 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 48896

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

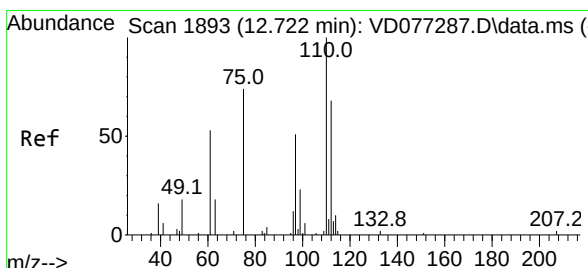
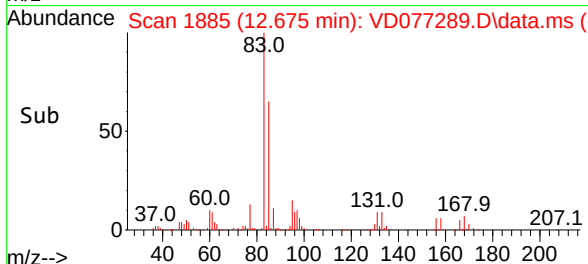
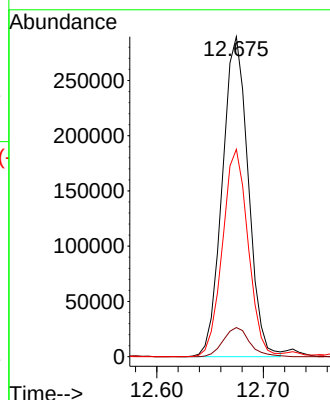
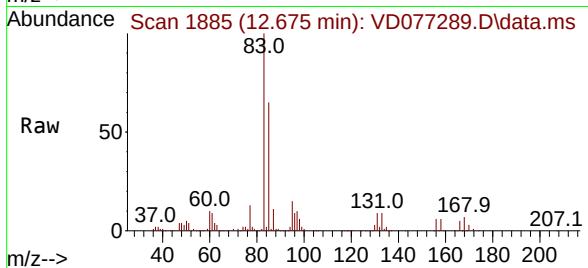
85 64.1 32.6 97.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#76

1,2,3-Trichloropropane

Concen: 152.257 ug/l m

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD077289.D

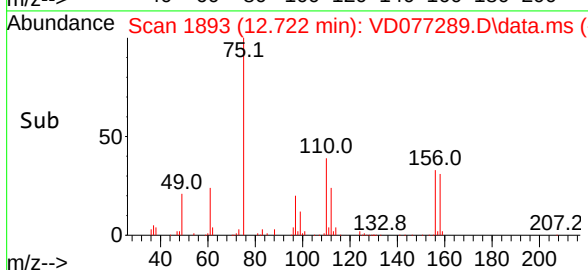
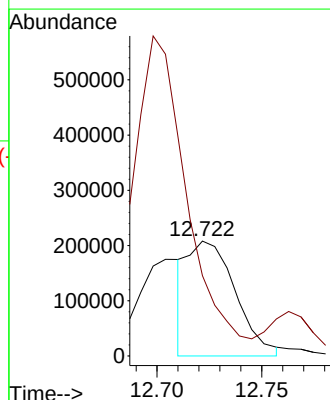
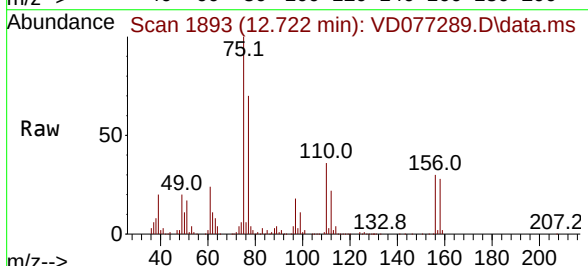
Acq: 06 Oct 2023 14:43

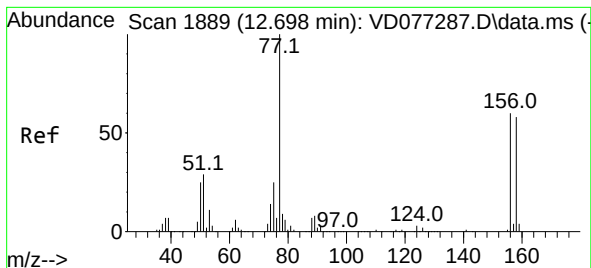
Tgt Ion: 75 Resp: 328403

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 156.994 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 56618

Ion Ratio Lower Upper

156 100

77 185.9 76.8 230.4

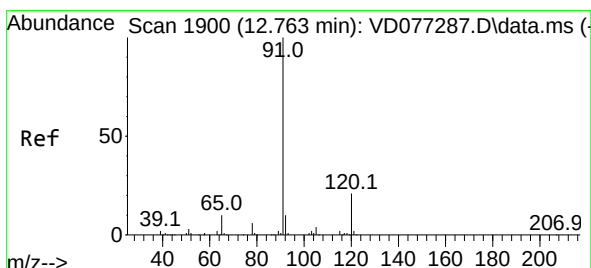
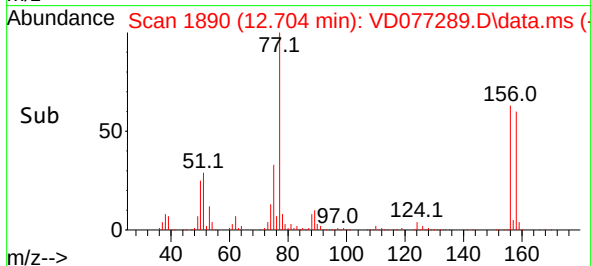
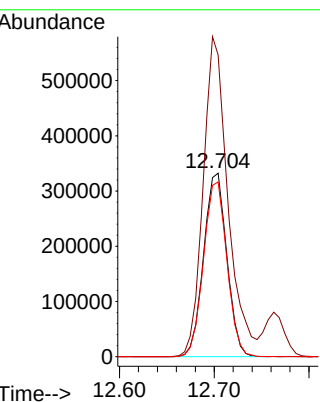
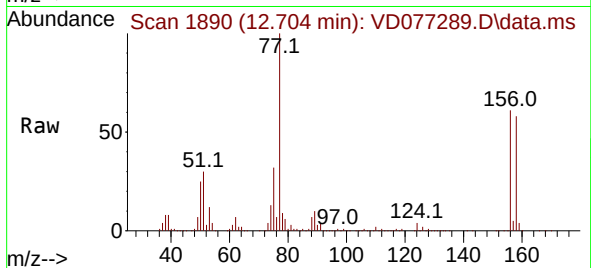
158 96.0 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#78

n-propylbenzene

Concen: 164.016 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077289.D

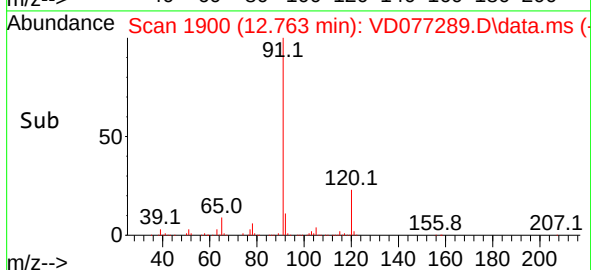
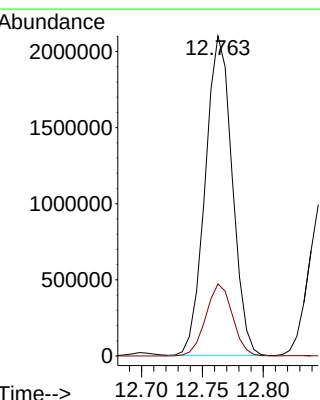
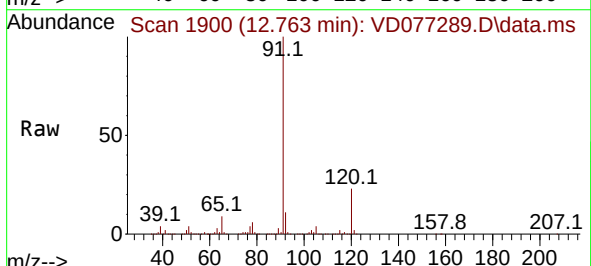
Acq: 06 Oct 2023 14:43

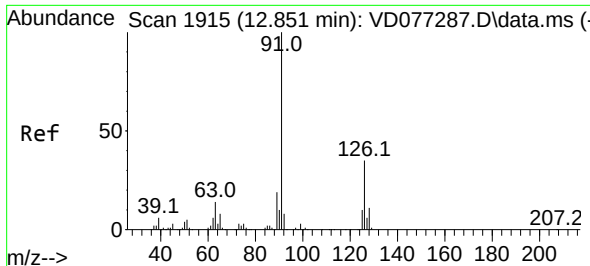
Tgt Ion: 91 Resp: 3243283

Ion Ratio Lower Upper

91 100

120 22.2 12.4 37.2





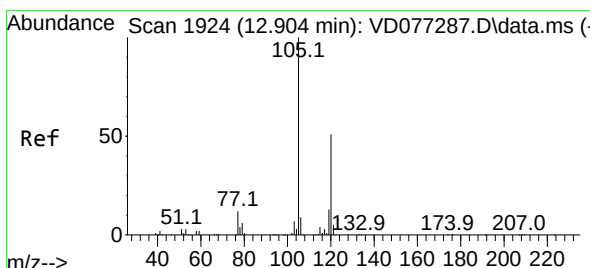
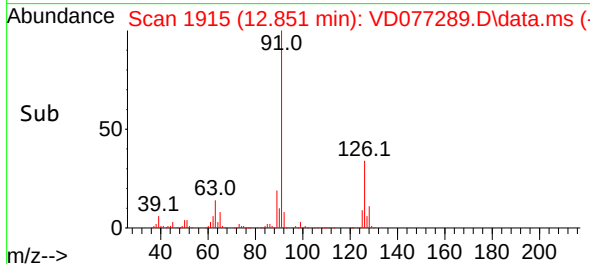
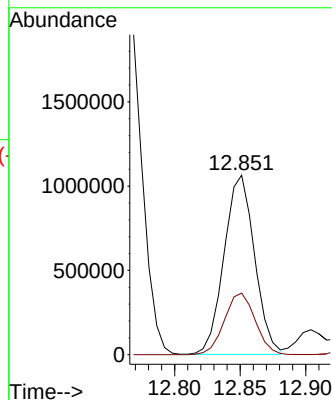
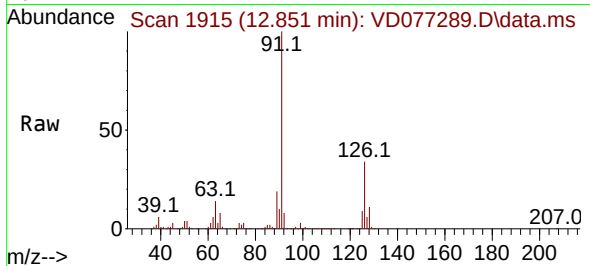
#79
2-Chlorotoluene
Concen: 161.676 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1722134
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.1

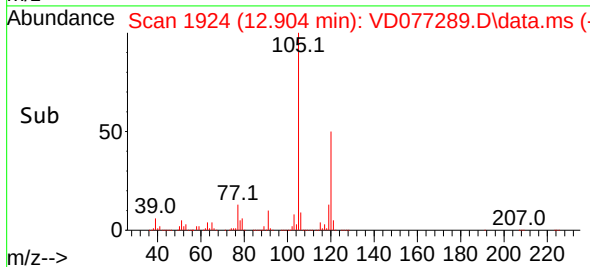
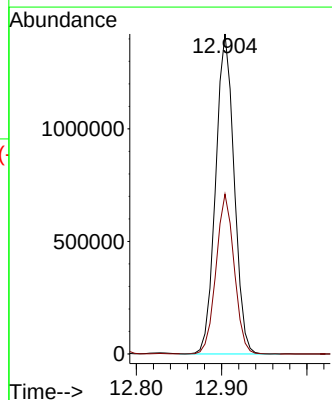
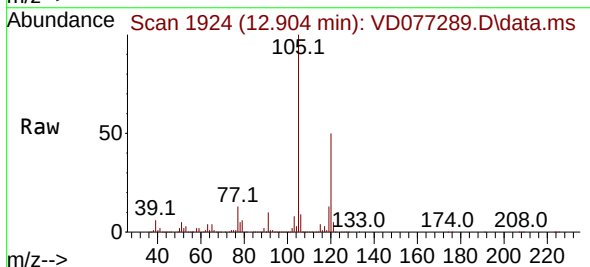
Manual Integrations
APPROVED

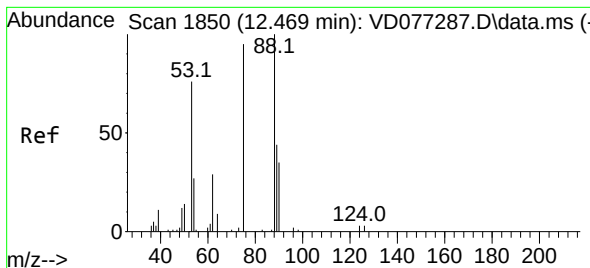
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 164.058 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

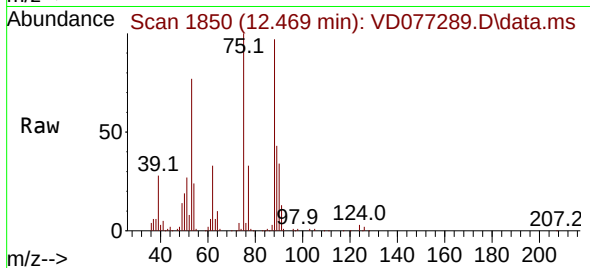
Tgt Ion:105 Resp: 2139469
Ion Ratio Lower Upper
105 100
120 49.0 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 163.632 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

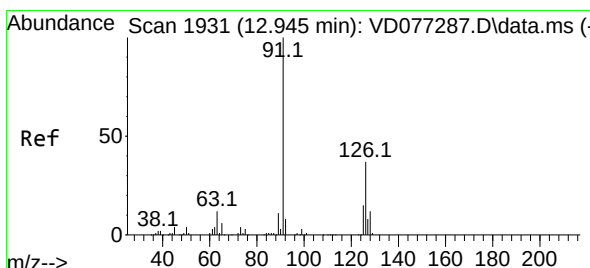
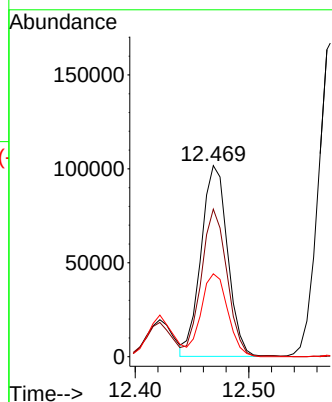
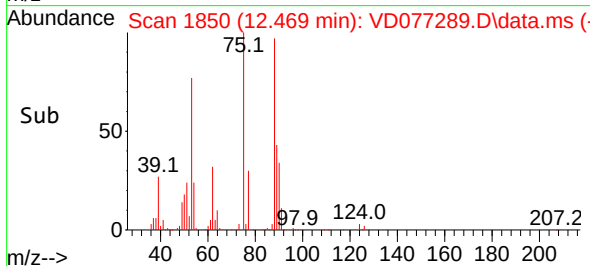
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 16490
Ion Ratio Lower Upper
75 100
53 74.4 63.0 94.4
89 43.2 37.9 56.9

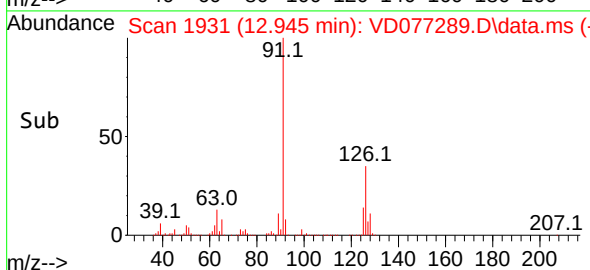
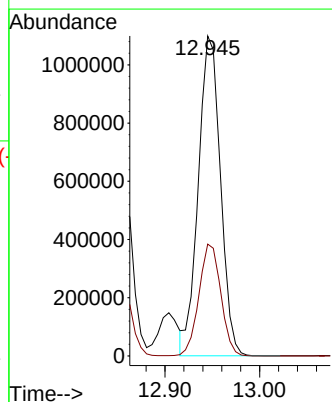
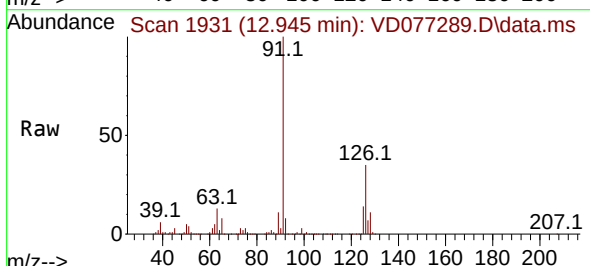
Manual Integrations
APPROVED

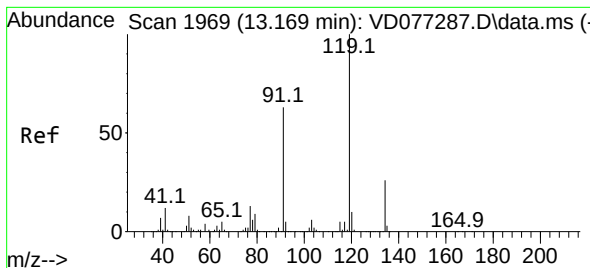
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#82
4-Chlorotoluene
Concen: 158.441 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 91 Resp: 1785976
Ion Ratio Lower Upper
91 100
126 34.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 165.422 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 183358

Ion Ratio Lower Upper

119 100

91 61.3 29.3 87.8

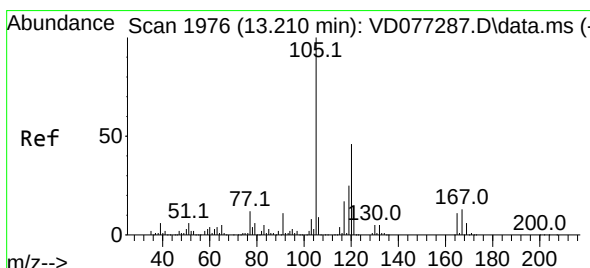
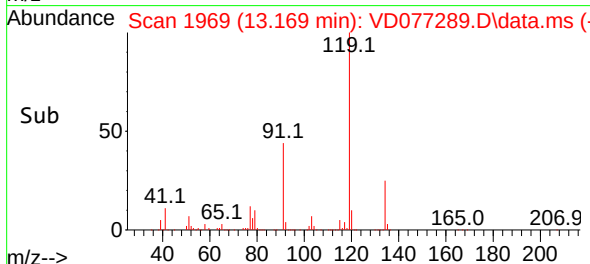
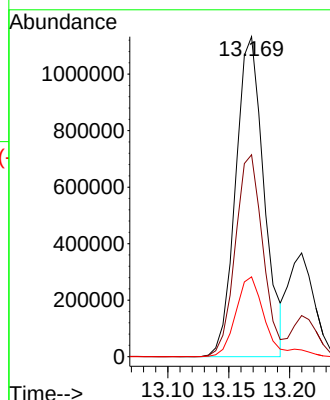
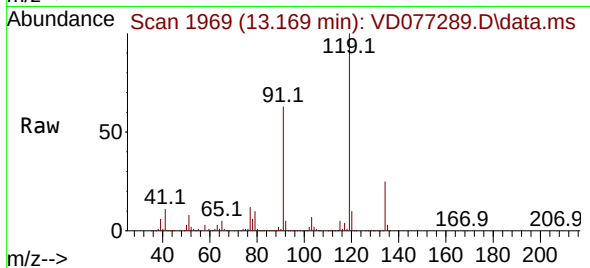
134 26.1 14.1 42.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#84

1,2,4-Trimethylbenzene

Concen: 166.719 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD077289.D

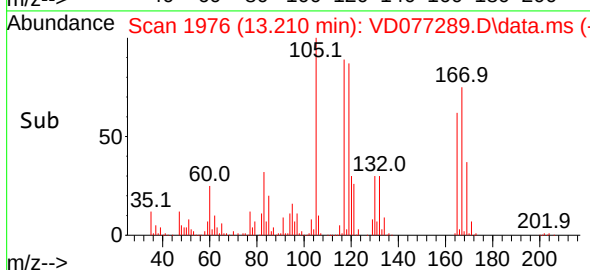
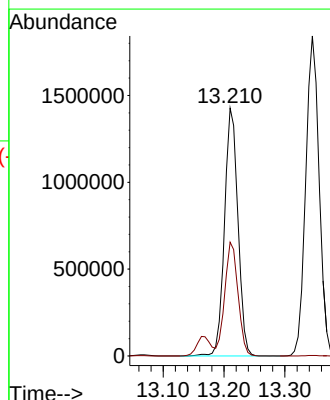
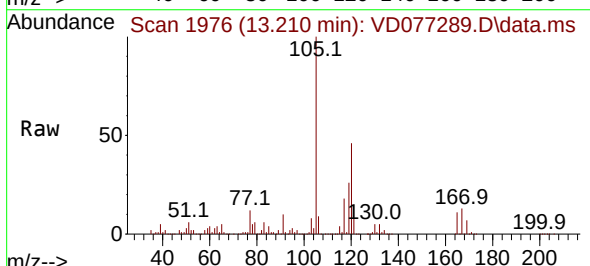
Acq: 06 Oct 2023 14:43

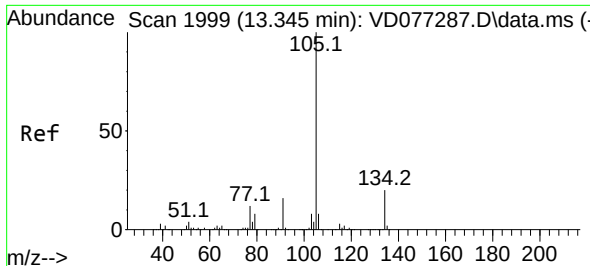
Tgt Ion:105 Resp: 2184105

Ion Ratio Lower Upper

105 100

120 45.2 24.3 72.9





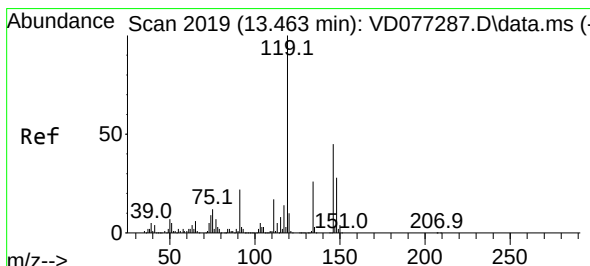
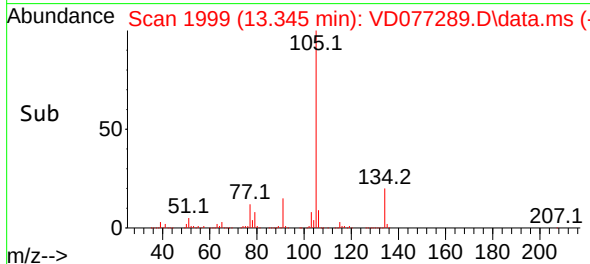
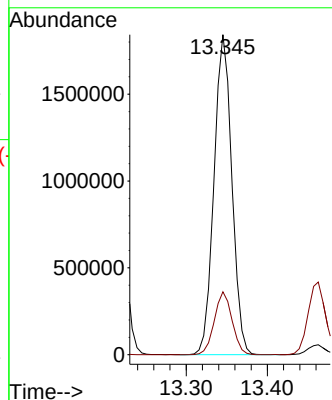
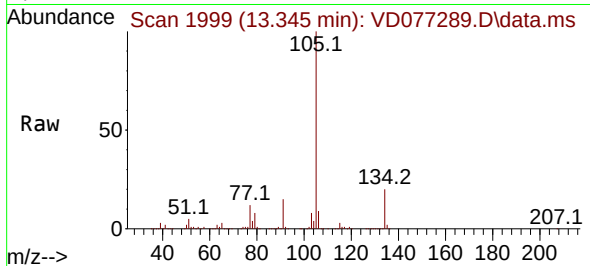
#85
 sec-Butylbenzene
 Concen: 164.552 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 2815170
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9

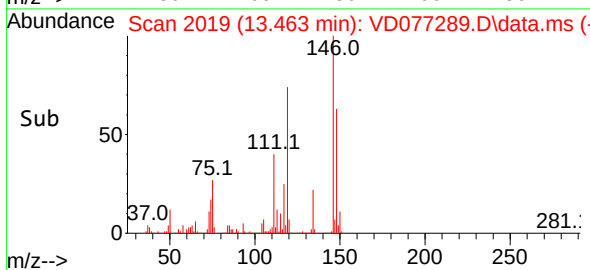
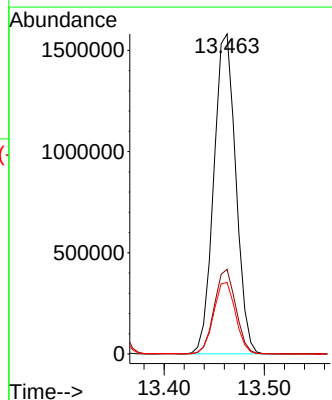
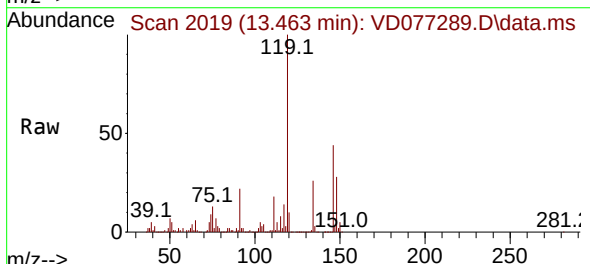
Manual Integrations
 APPROVED

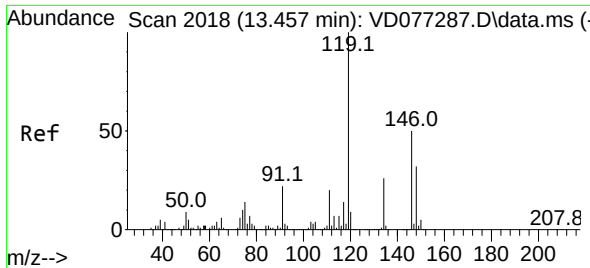
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023



#86
 p-Isopropyltoluene
 Concen: 170.260 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

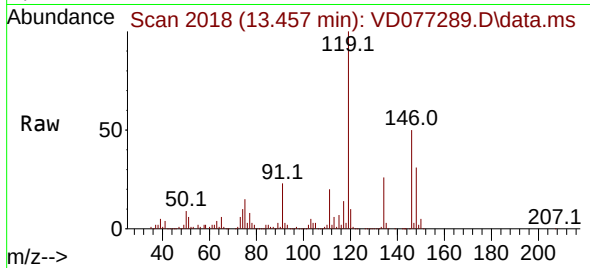
Tgt Ion:119 Resp: 2407308
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 22.3 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 157.370 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

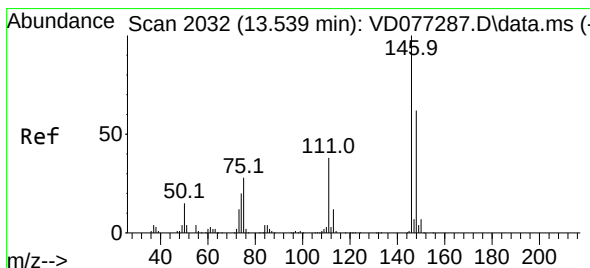
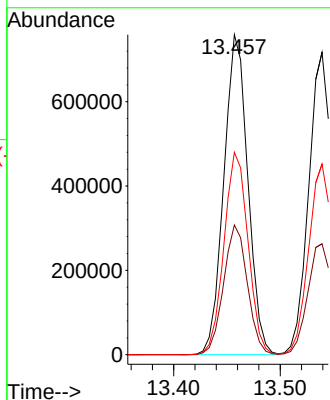
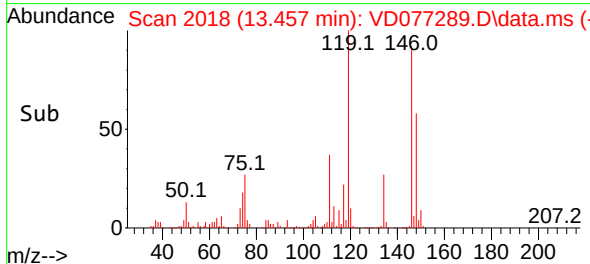
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



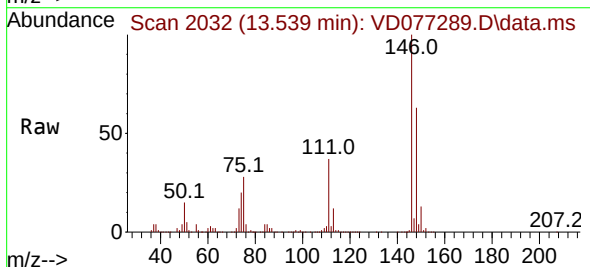
Tgt Ion:146 Resp: 118852
Ion Ratio Lower Upper
146 100
111 40.2 17.9 53.8
148 63.4 32.3 96.8

Manual Integrations
APPROVED

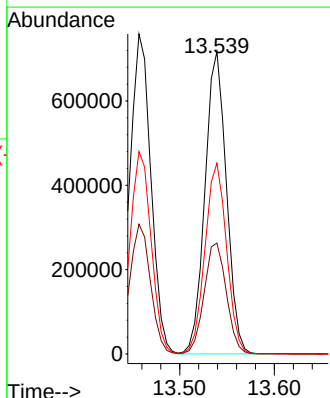
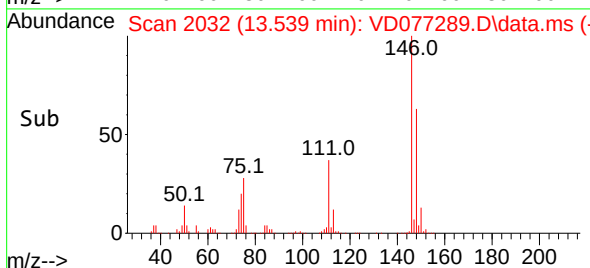
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

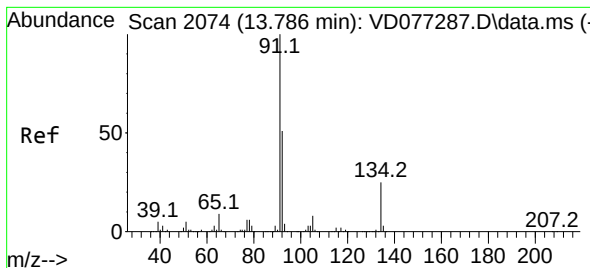


#88
1,4-Dichlorobenzene
Concen: 151.567 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



Tgt Ion:146 Resp: 1128396
Ion Ratio Lower Upper
146 100
111 37.9 17.4 52.3
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 165.101 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 226712

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

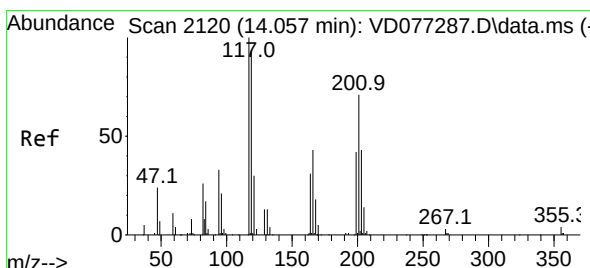
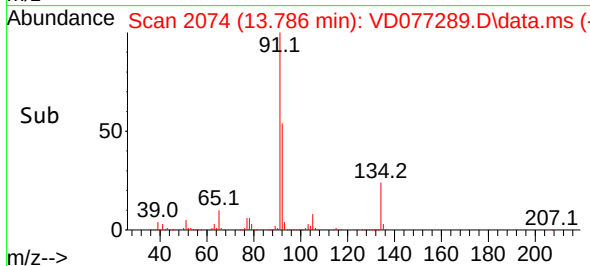
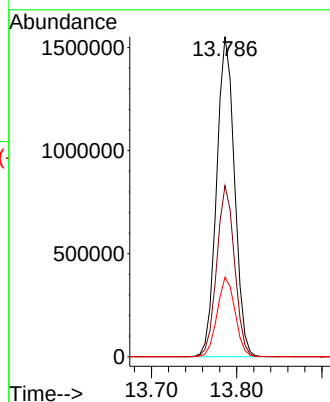
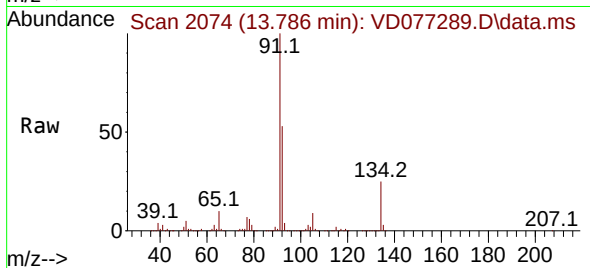
134 24.9 13.8 41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#90

Hexachloroethane

Concen: 155.837 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077289.D

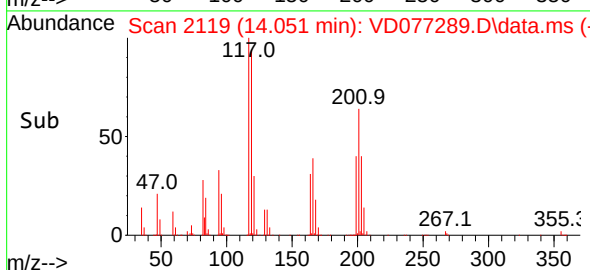
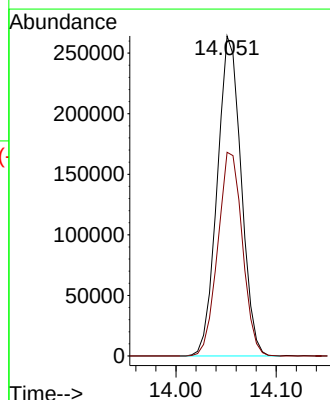
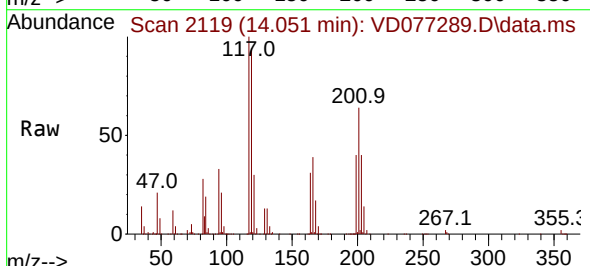
Acq: 06 Oct 2023 14:43

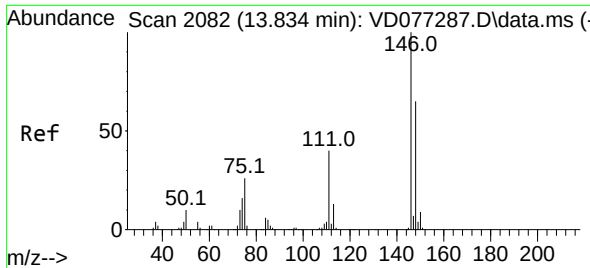
Tgt Ion:117 Resp: 437038

Ion Ratio Lower Upper

117 100

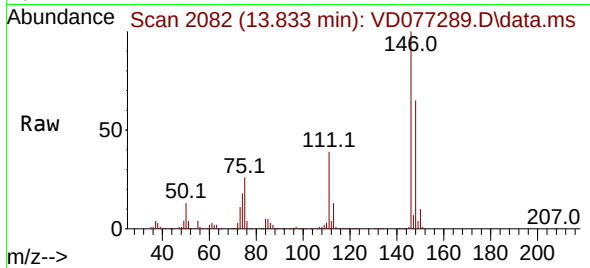
201 65.5 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 154.254 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

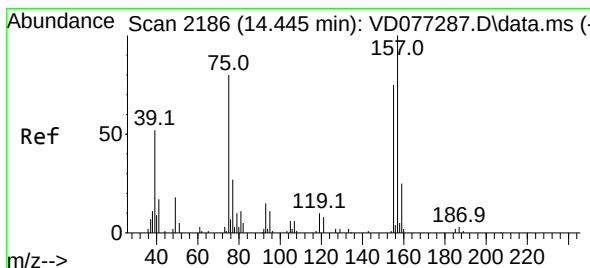
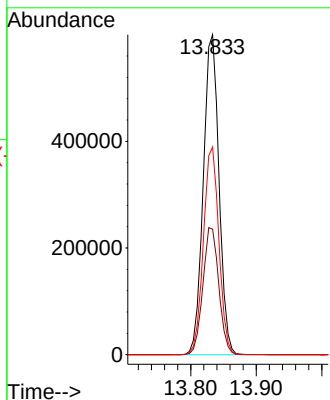
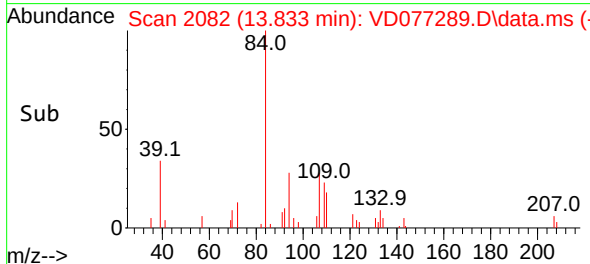
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



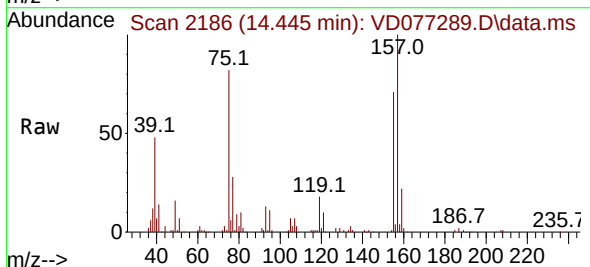
Tgt Ion:146 Resp: 998735
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 64.2 31.6 94.7

Manual Integrations
APPROVED

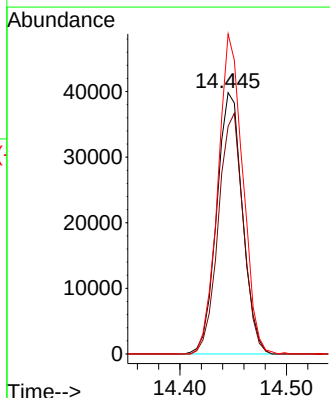
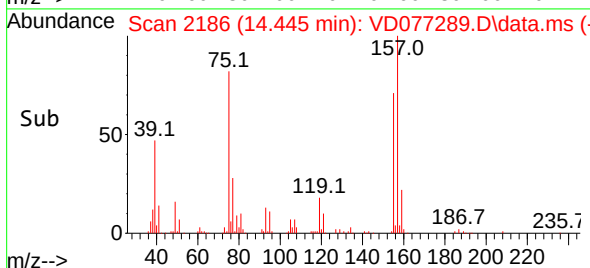
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

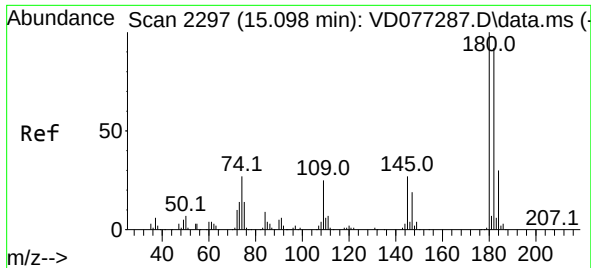


#92
1,2-Dibromo-3-Chloropropane
Concen: 160.712 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



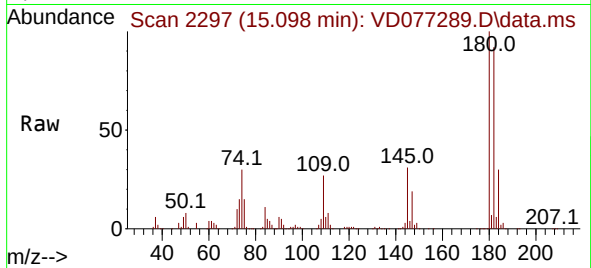
Tgt Ion: 75 Resp: 66853
Ion Ratio Lower Upper
75 100
155 88.9 47.9 143.8
157 118.6 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 163.828 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

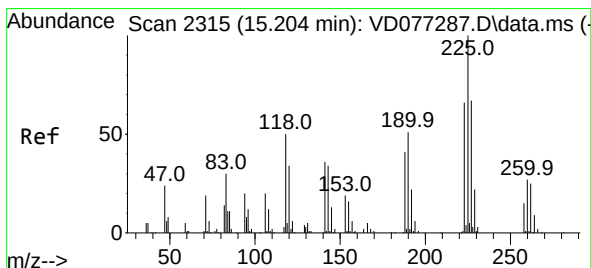
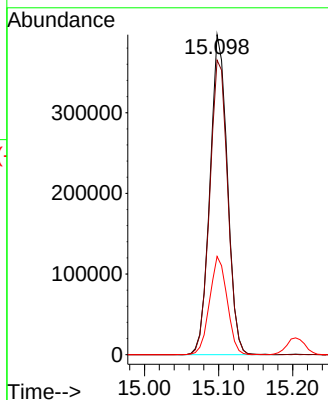
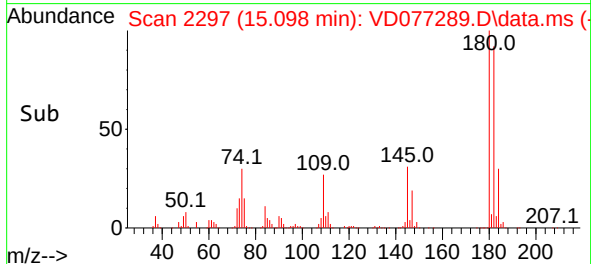
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion:180 Resp: 647538
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 30.9 14.2 42.6

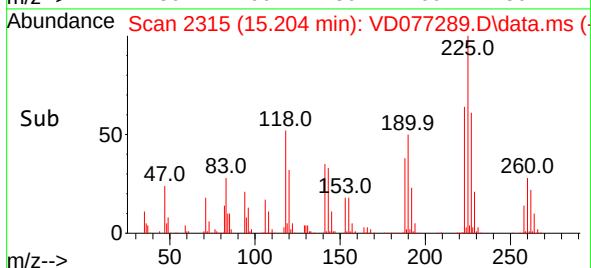
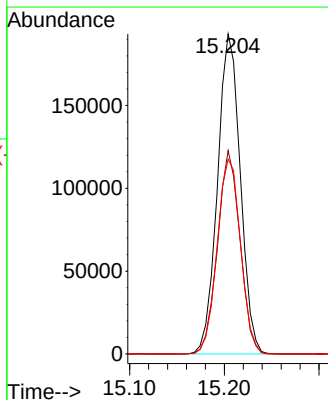
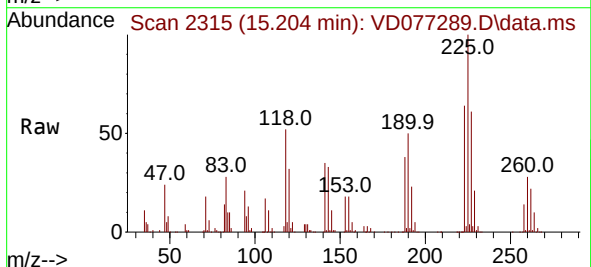
Manual Integrations
APPROVED

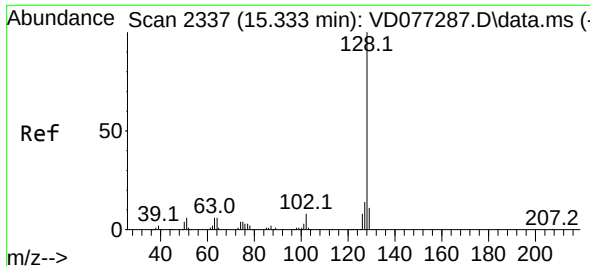
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#94
Hexachlorobutadiene
Concen: 159.369 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

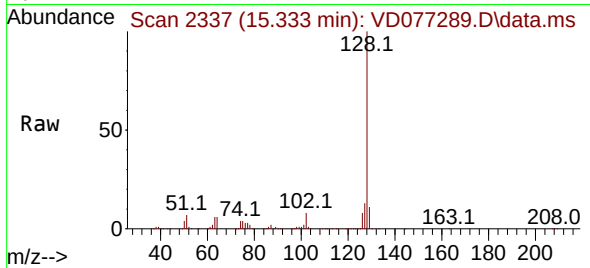
Tgt Ion:225 Resp: 323725
Ion Ratio Lower Upper
225 100
223 62.5 31.6 94.8
227 62.5 31.7 95.1





#95
Naphthalene
Concen: 176.182 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

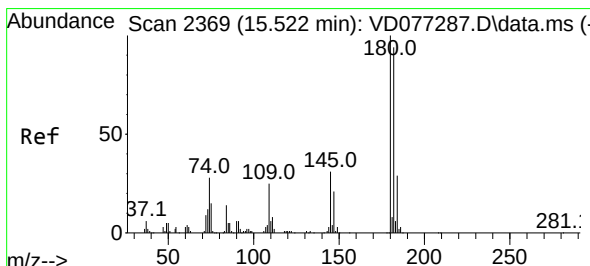
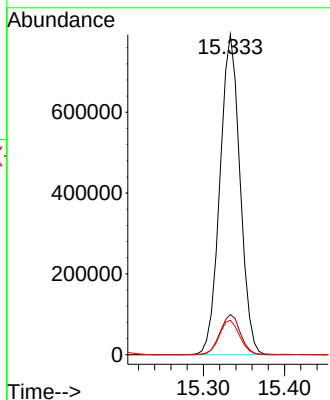
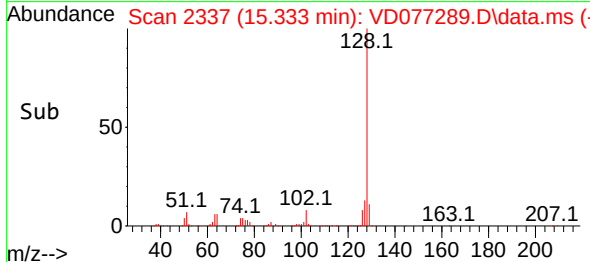
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



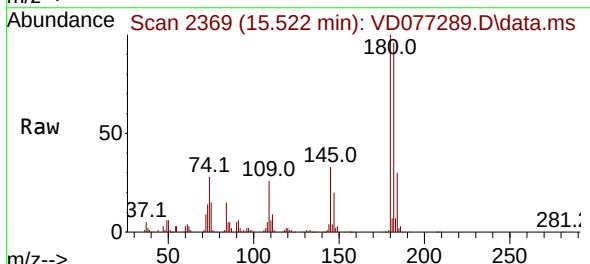
Tgt Ion:128 Resp: 1362238
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 165.095 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



Tgt Ion:180 Resp: 570820
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 32.3 15.1 45.3

