

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122221\
 Data File : VD071429.D
 Acq On : 22 Dec 2021 19:21
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 23 07:18:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 07:15:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	355320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	603849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	562333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	98377	25.436	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	50.880%		
35) Dibromofluoromethane	7.908	113	83926	23.904	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	47.800%#		
50) Toluene-d8	10.332	98	311857	23.310	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	46.620%#		
62) 4-Bromofluorobenzene	12.626	95	111924	24.097	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	48.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	74853	26.591	ug/l	99
3) Chloromethane	2.209	50	98095	26.478	ug/l	95
4) Vinyl Chloride	2.350	62	119886	28.971	ug/l	96
5) Bromomethane	2.750	94	79002	26.500	ug/l	95
6) Chloroethane	2.915	64	77757	27.603	ug/l	93
7) Trichlorofluoromethane	3.267	101	142358	25.734	ug/l	100
8) Diethyl Ether	3.709	74	40959	27.159	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	81088	24.951	ug/l	96
10) Methyl Iodide	4.297	142	74116	23.162	ug/l	95
11) Tert butyl alcohol	5.209	59	46382	103.088	ug/l #	80
12) 1,1-Dichloroethene	4.062	96	72522	24.133	ug/l #	76
13) Acrolein	3.914	56	24182	92.761	ug/l	97
14) Allyl chloride	4.703	41	139142	24.518	ug/l #	80
15) Acrylonitrile	5.420	53	102633	138.728	ug/l	98
16) Acetone	4.156	43	113869	124.964	ug/l #	81
17) Carbon Disulfide	4.409	76	252962	28.318	ug/l	99
18) Methyl Acetate	4.720	43	73425	25.647	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	195533	26.391	ug/l	99
20) Methylene Chloride	4.961	84	113394	22.981	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	85860	25.413	ug/l	91
22) Diisopropyl ether	6.367	45	288130	25.291	ug/l	94
23) Vinyl Acetate	6.303	43	739688	136.110	ug/l	98
24) 1,1-Dichloroethane	6.261	63	163890	25.079	ug/l	98
25) 2-Butanone	7.208	43	137808	130.912	ug/l	92
26) 2,2-Dichloropropane	7.208	77	131545	22.302	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	97549	25.668	ug/l	94
28) Bromochloromethane	7.538	49	67201	23.685	ug/l	95
29) Tetrahydrofuran	7.555	42	86371	139.635	ug/l	94
30) Chloroform	7.702	83	170488	25.910	ug/l	96
31) Cyclohexane	7.985	56	157960	24.294	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	145668	24.802	ug/l	94
36) 1,1-Dichloropropene	8.108	75	130622	25.457	ug/l	98
37) Ethyl Acetate	7.285	43	61736	27.079	ug/l #	92
38) Carbon Tetrachloride	8.097	117	124989	24.788	ug/l	96
39) Methylcyclohexane	9.349	83	153383	24.888	ug/l	98
40) Benzene	8.350	78	348960	25.055	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	34842	25.776	ug/l #	74
42) 1,2-Dichloroethane	8.420	62	116798	27.164	ug/l	93
43) Isopropyl Acetate	8.450	43	120703	27.226	ug/l	90
44) Trichloroethene	9.108	130	89872	24.289	ug/l	99
45) 1,2-Dichloropropane	9.379	63	91155	24.977	ug/l	96
46) Dibromomethane	9.467	93	50383	26.250	ug/l	95
47) Bromodichloromethane	9.655	83	128557	25.542	ug/l #	97
48) Methyl methacrylate	9.449	41	59264	26.922	ug/l #	84
49) 1,4-Dioxane	9.455	88	12275	647.026	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	312503	138.943	ug/l	90
52) Toluene	10.396	92	223380	25.350	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	116863	25.343	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	138122	25.244	ug/l #	82
55) 1,1,2-Trichloroethane	10.791	97	65375	25.952	ug/l	96
56) Ethyl methacrylate	10.655	69	82820	26.046	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	117236	26.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	208000	120.579	ug/l	100
59) 2-Hexanone	10.979	43	220833	134.943	ug/l	87
60) Dibromochloromethane	11.132	129	83197	26.615	ug/l	97
61) 1,2-Dibromoethane	11.238	107	64167	26.485	ug/l	99
64) Tetrachloroethene	10.867	164	77247	23.931	ug/l	97
65) Chlorobenzene	11.661	112	226971	24.130	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	82376	23.968	ug/l	98
67) Ethyl Benzene	11.738	91	420521	23.825	ug/l	99
68) m/p-Xylenes	11.843	106	325461	48.747	ug/l	98
69) o-Xylene	12.173	106	147478	23.559	ug/l	96
70) Styrene	12.185	104	254325	24.120	ug/l	96
71) Bromoform	12.349	173	47061	26.055	ug/l #	100
73) Isopropylbenzene	12.467	105	396069	23.136	ug/l	100
74) N-amyl acetate	12.279	43	107010	25.333	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	74932	26.062	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	60563m	25.545	ug/l	
77) Bromobenzene	12.749	156	87340	23.411	ug/l	95
78) n-propylbenzene	12.808	91	504594	23.636	ug/l	99
79) 2-Chlorotoluene	12.896	91	276199	23.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	331882	23.515	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	21815	25.122	ug/l #	77
82) 4-Chlorotoluene	12.996	91	293516	23.532	ug/l	100
83) tert-Butylbenzene	13.214	119	281485	23.217	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	323772	23.510	ug/l	100
85) sec-Butylbenzene	13.390	105	432148	23.347	ug/l	100
86) p-Isopropyltoluene	13.502	119	358599	23.699	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	180377	24.342	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	179273	24.320	ug/l	99
89) n-Butylbenzene	13.832	91	349183	23.706	ug/l	97
90) Hexachloroethane	14.096	117	65674	22.986	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	153886	24.328	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12777	26.915	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	93880	23.941	ug/l	99
94) Hexachlorobutadiene	15.249	225	50977	23.114	ug/l	98
95) Naphthalene	15.379	128	180926	25.837	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	81244	24.329	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

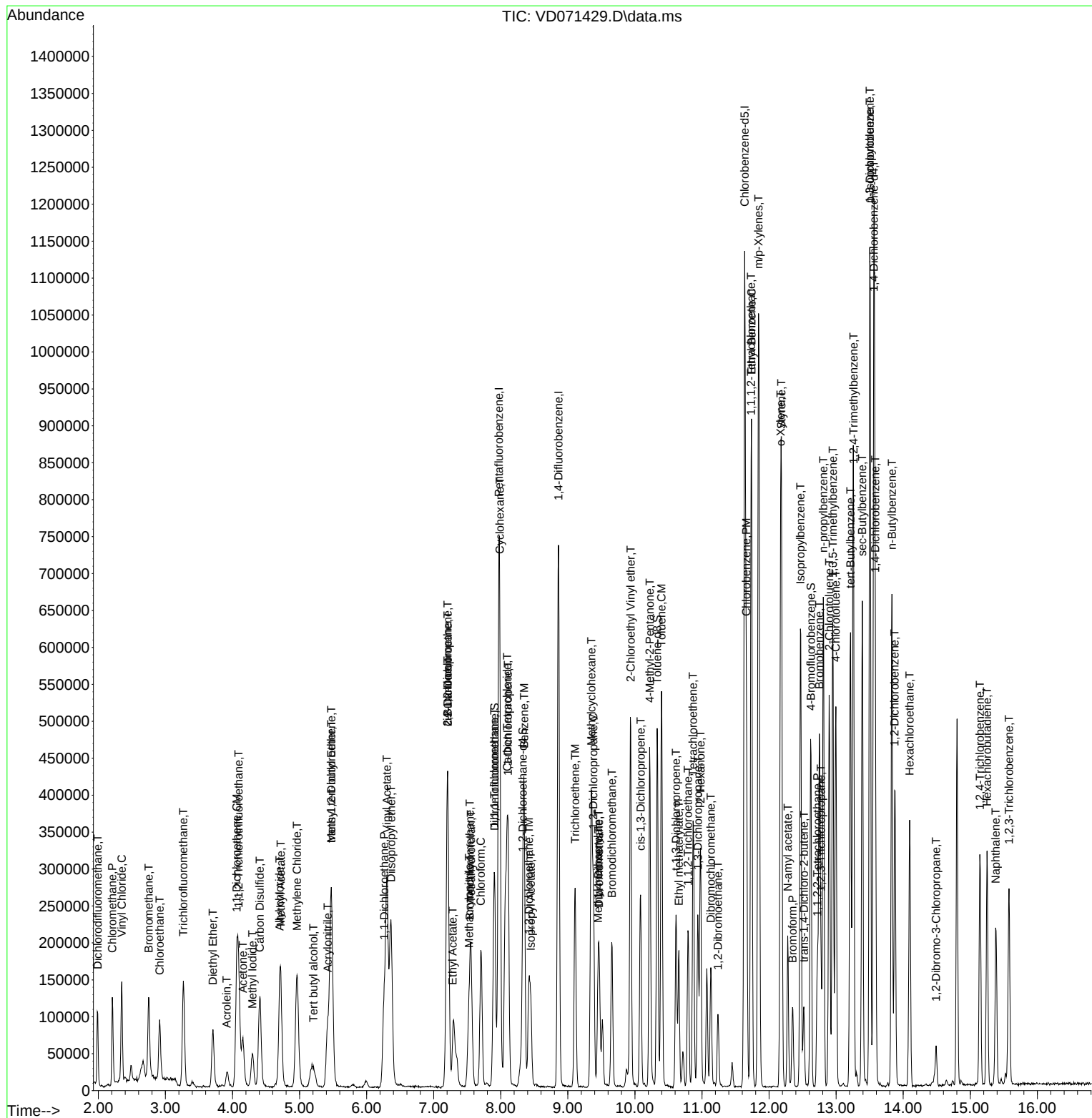
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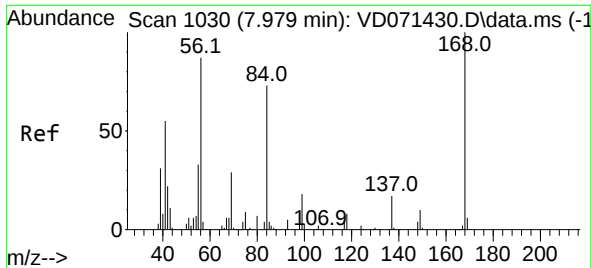
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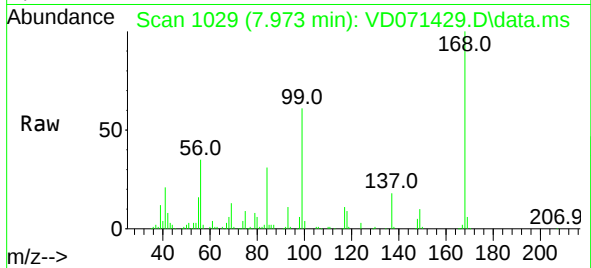
Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071429.D
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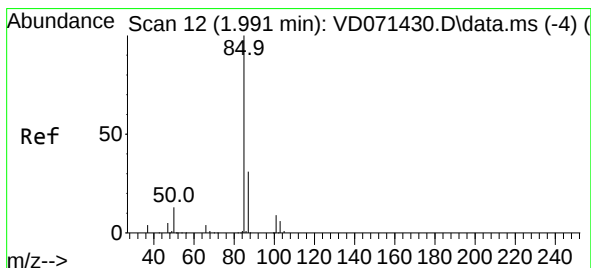
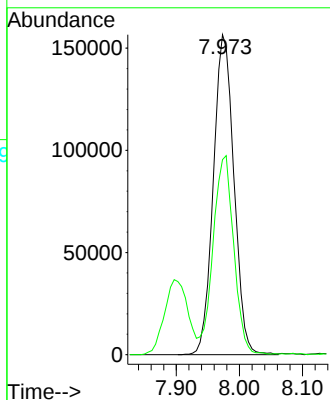
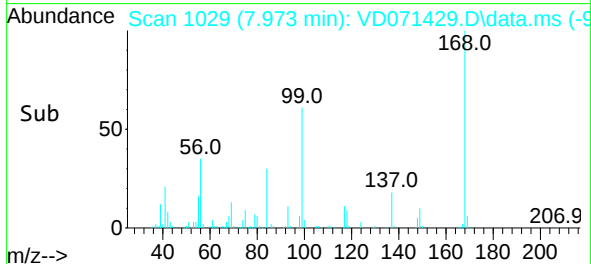
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 355320
Ion Ratio Lower Upper
168 100
99 60.7 46.6 69.8

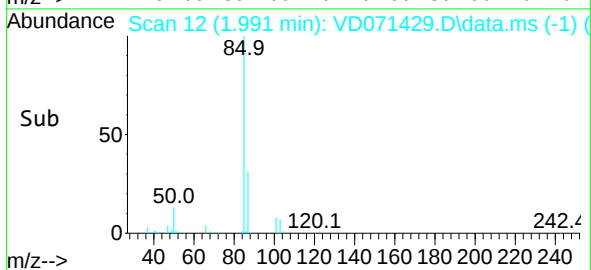
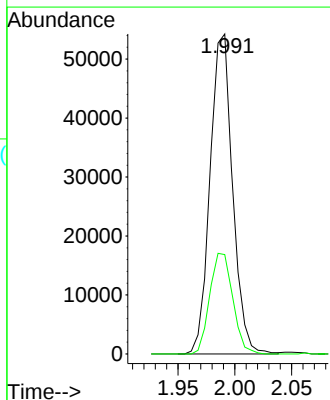
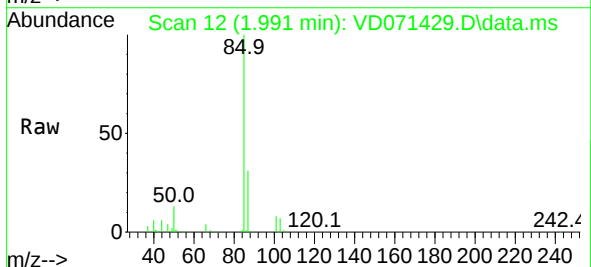
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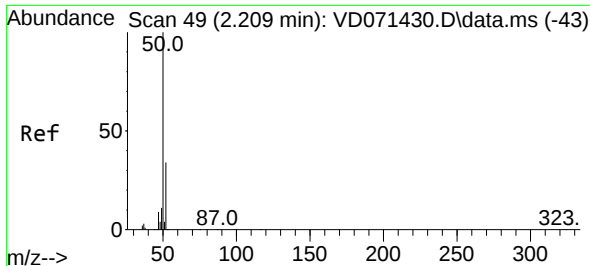
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#2
Dichlorodifluoromethane
Concen: 26.591 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion: 85 Resp: 74853
Ion Ratio Lower Upper
85 100
87 31.0 15.2 45.6





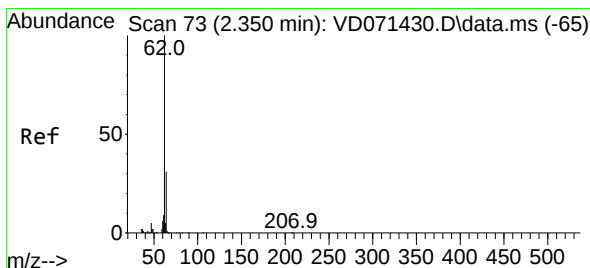
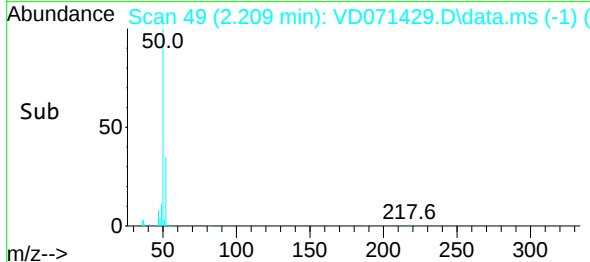
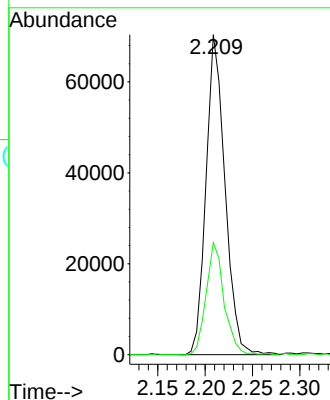
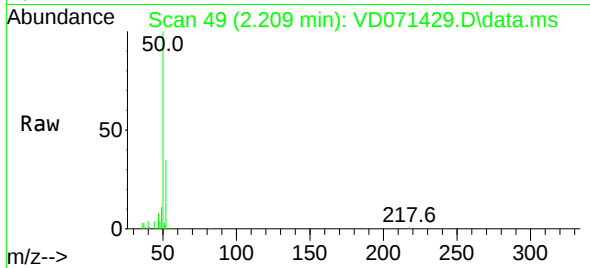
#3
Chloromethane
Concen: 26.478 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
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Client Sample Id :
VSTDICC020

Tgt Ion: 50 Resp: 9809
Ion Ratio Lower Upper
50 100
52 35.0 25.8 38.8

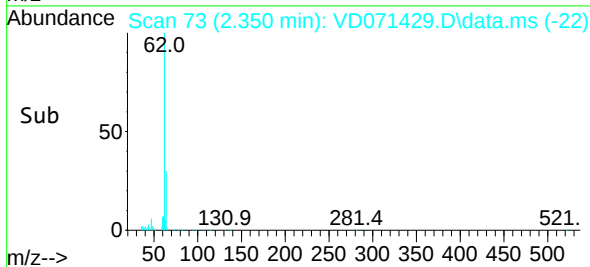
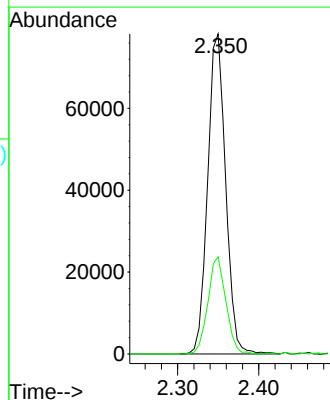
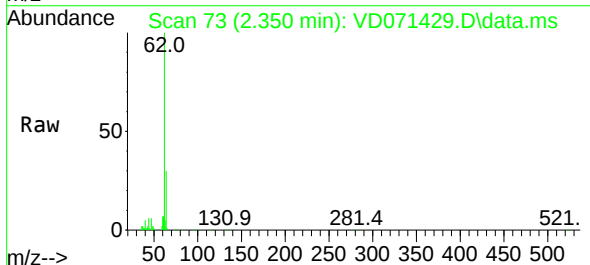
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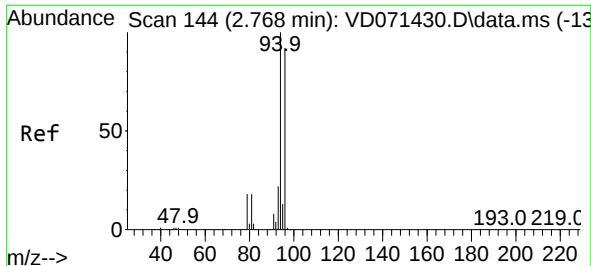
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#4
Vinyl Chloride
Concen: 28.971 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

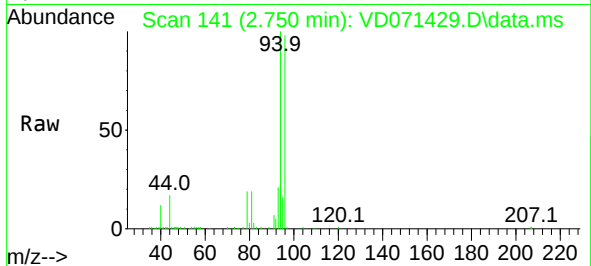
Tgt Ion: 62 Resp: 119886
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0





#5
Bromomethane
Concen: 26.500 ug/l
RT: 2.750 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

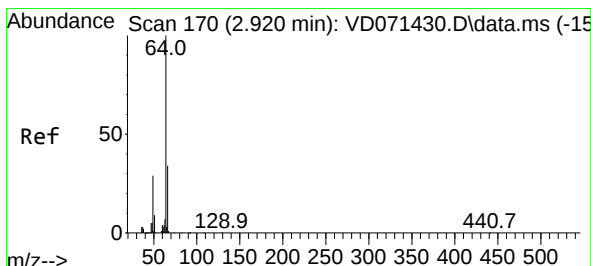
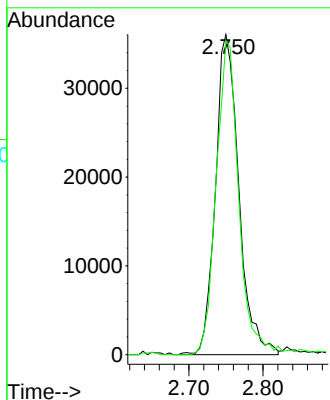
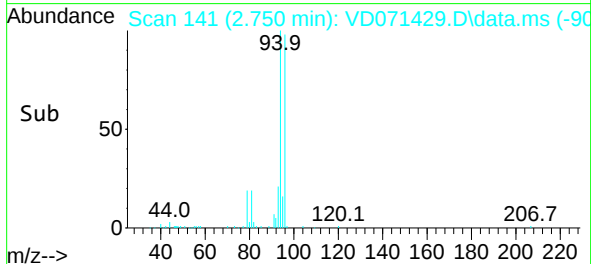
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Tgt Ion: 94 Resp: 7900
Ion Ratio Lower Upper
94 100
96 98.1 74.8 112.2

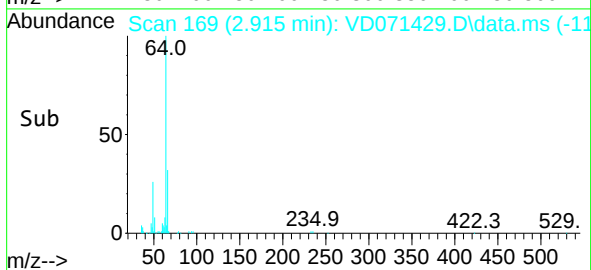
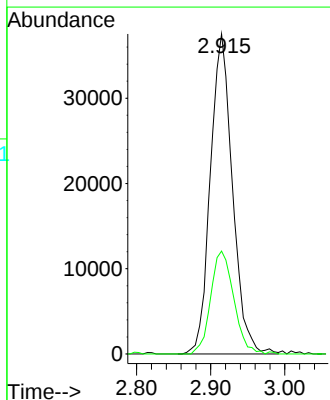
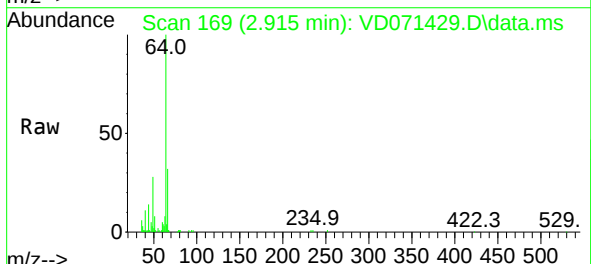
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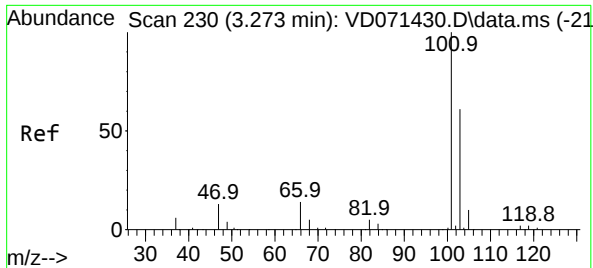
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#6
Chloroethane
Concen: 27.603 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

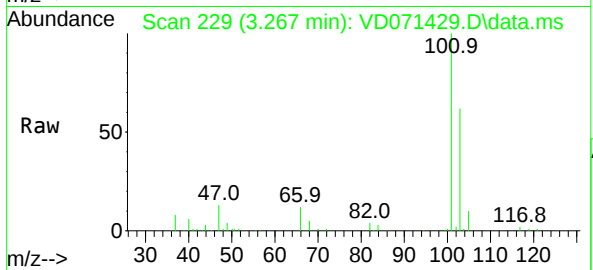
Tgt Ion: 64 Resp: 77757
Ion Ratio Lower Upper
64 100
66 32.1 29.0 43.4





#7
Trichlorofluoromethane
Concen: 25.734 ug/l
RT: 3.267 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

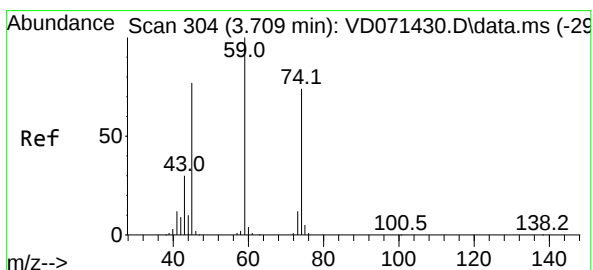
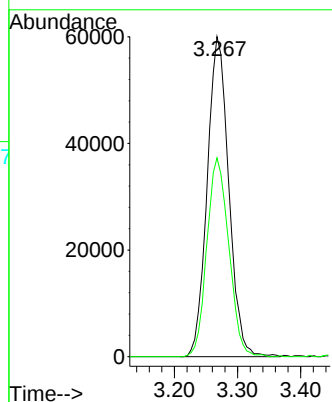
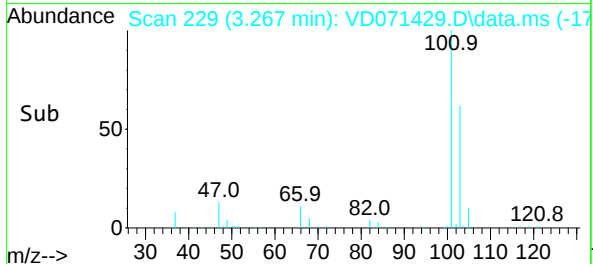
Instrument :
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Tgt Ion:101 Resp: 142358
Ion Ratio Lower Upper
101 100
103 62.1 49.7 74.5

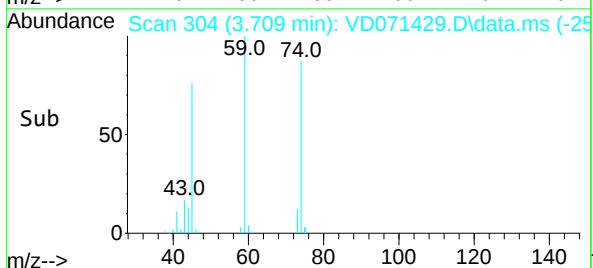
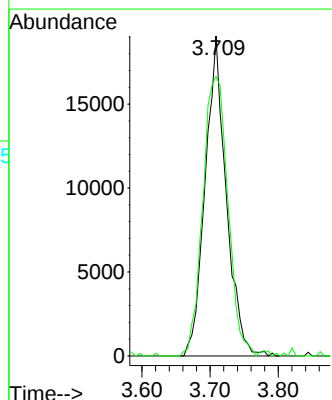
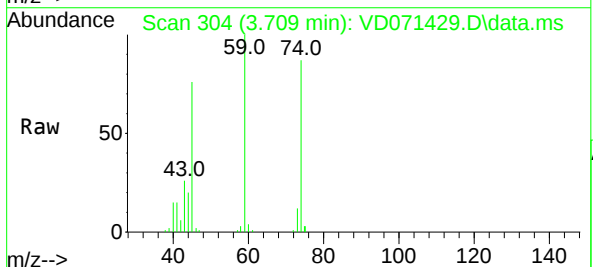
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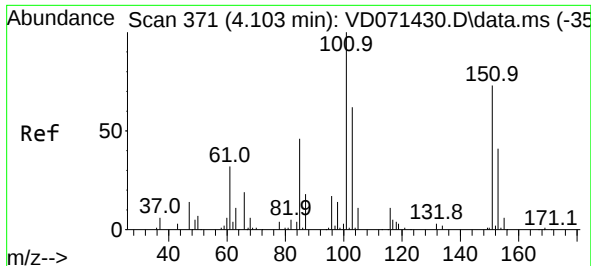
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#8
Diethyl Ether
Concen: 27.159 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion: 74 Resp: 40959
Ion Ratio Lower Upper
74 100
45 104.3 49.6 149.0





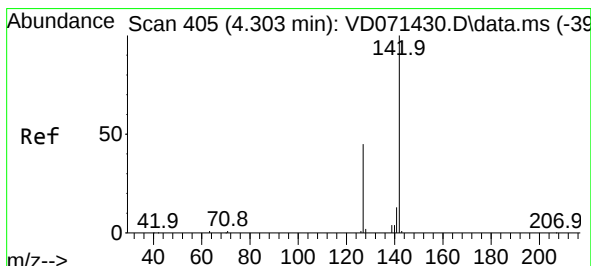
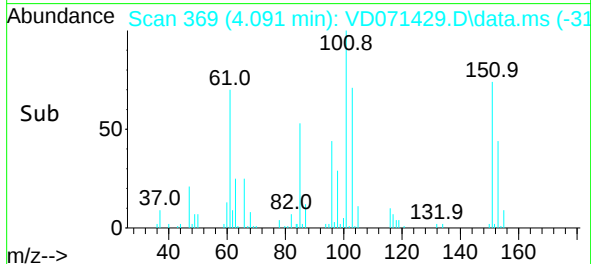
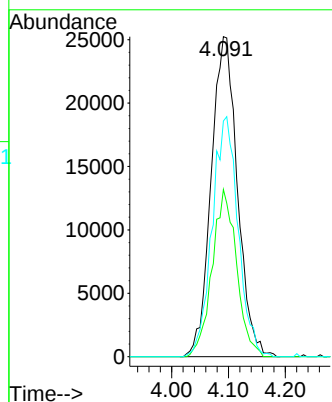
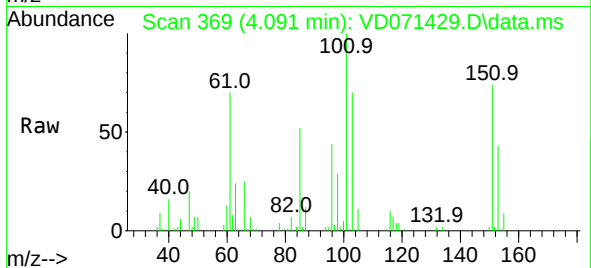
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.951 ug/l
RT: 4.091 min Scan# 30
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 8108
Ion Ratio Lower Upper
101 100
85 48.4 34.8 52.2
151 74.2 60.4 90.6

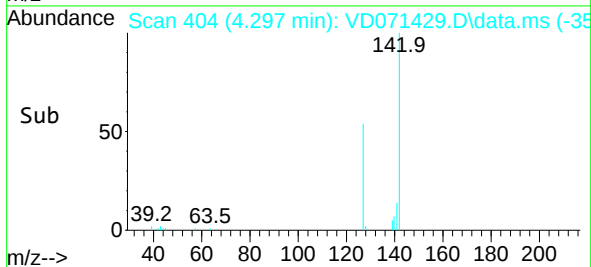
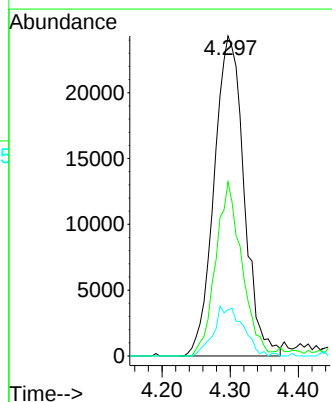
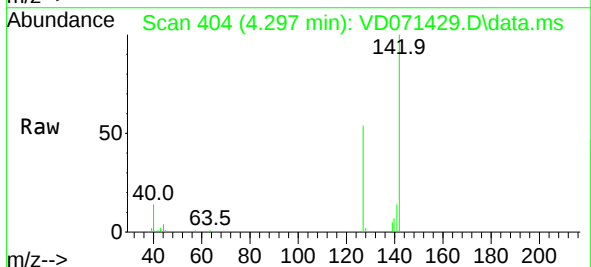
Manual Integrations
APPROVED

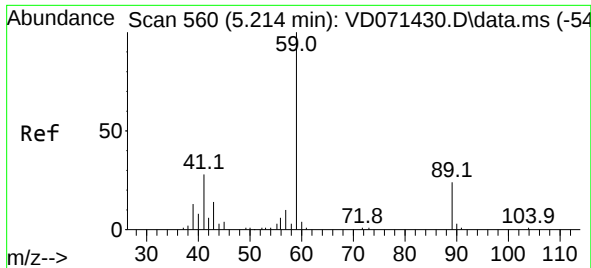
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#10
Methyl Iodide
Concen: 23.162 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion:142 Resp: 74116
Ion Ratio Lower Upper
142 100
127 47.7 35.0 52.4
141 15.1 12.0 18.0





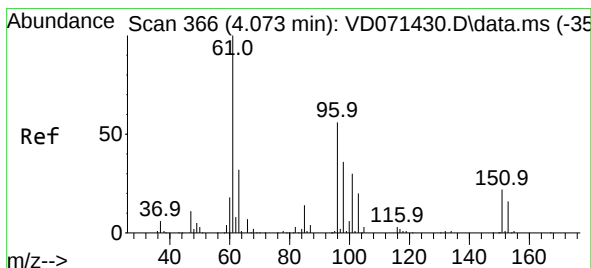
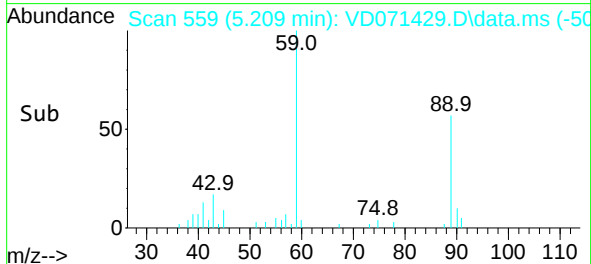
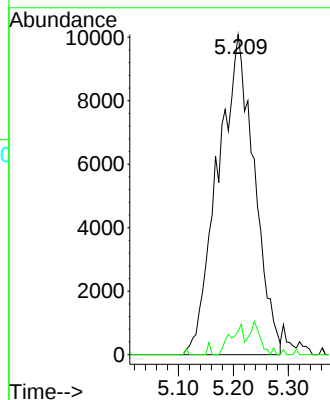
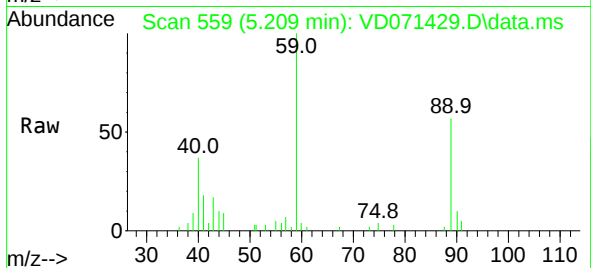
#11
Tert butyl alcohol
Concen: 103.088 ug/l
RT: 5.209 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 4638
Ion Ratio Lower Upper
59 100
57 3.4 9.0 13.4

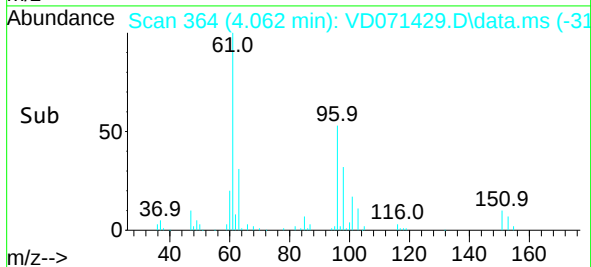
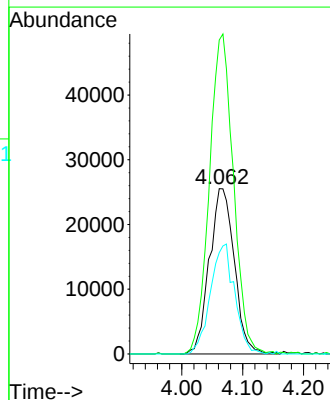
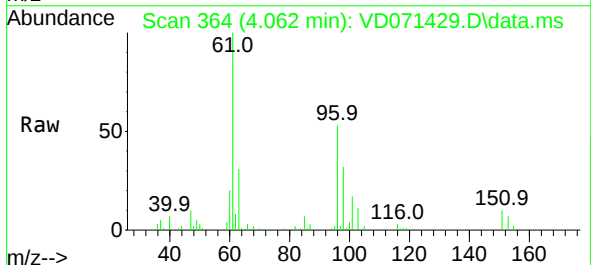
Manual Integrations
APPROVED

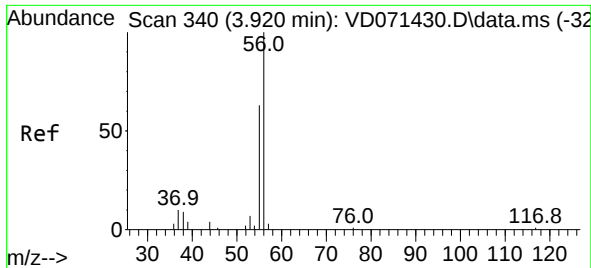
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#12
1,1-Dichloroethene
Concen: 24.133 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion: 96 Resp: 72522
Ion Ratio Lower Upper
96 100
61 189.9 120.3 180.5#
98 61.3 54.4 81.6





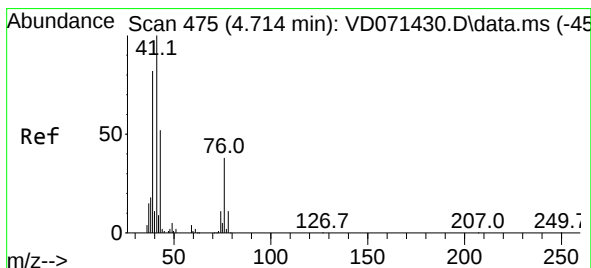
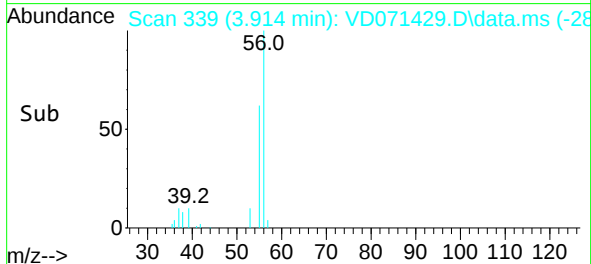
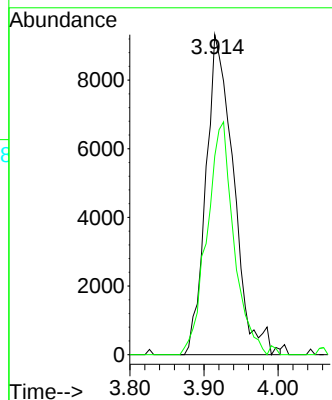
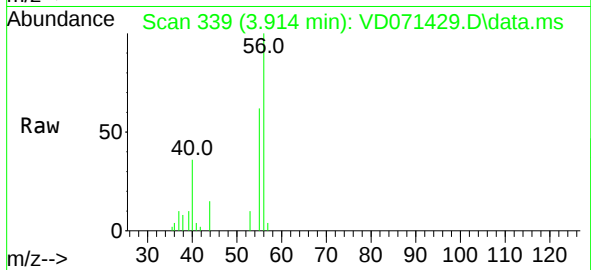
#13
Acrolein
Concen: 92.761 ug/l
RT: 3.914 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 2418
Ion Ratio Lower Upper
56 100
55 70.7 58.6 87.8

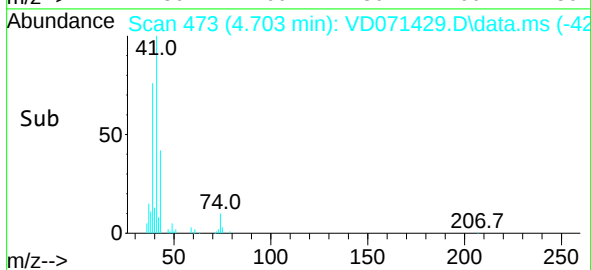
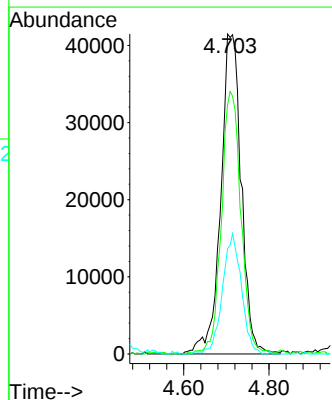
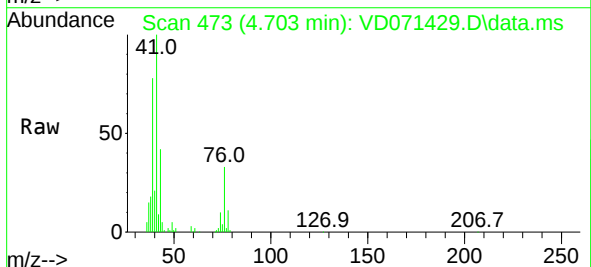
Manual Integrations
APPROVED

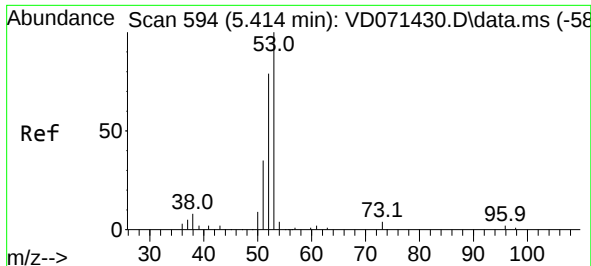
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#14
Allyl chloride
Concen: 24.518 ug/l
RT: 4.703 min Scan# 473
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

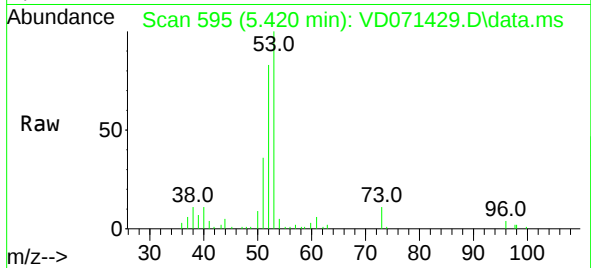
Tgt Ion: 41 Resp: 139142
Ion Ratio Lower Upper
41 100
39 78.2 45.6 68.4#
76 34.5 30.2 45.4





#15
Acrylonitrile
Concen: 138.728 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

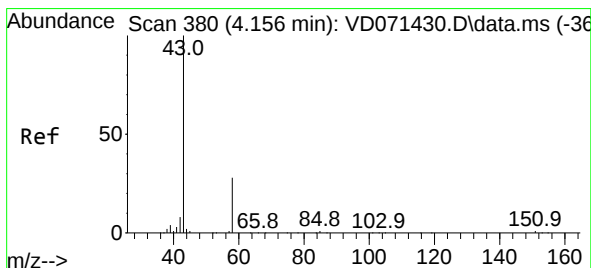
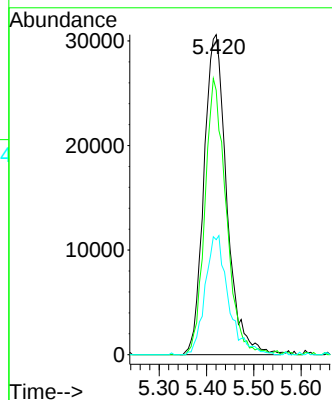
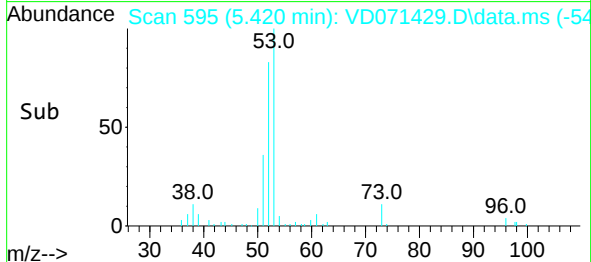
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



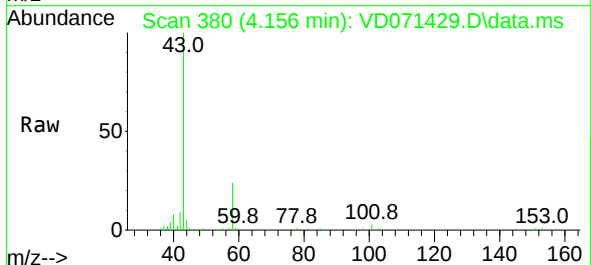
Tgt Ion: 53 Resp: 10263
Ion Ratio Lower Upper
53 100
52 80.4 63.8 95.8
51 38.0 28.5 42.7

Manual Integrations
APPROVED

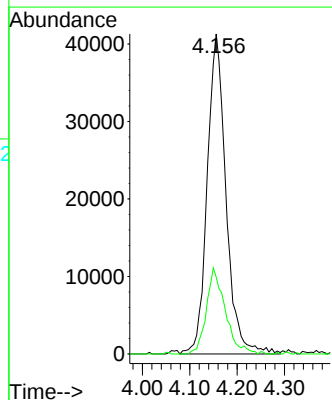
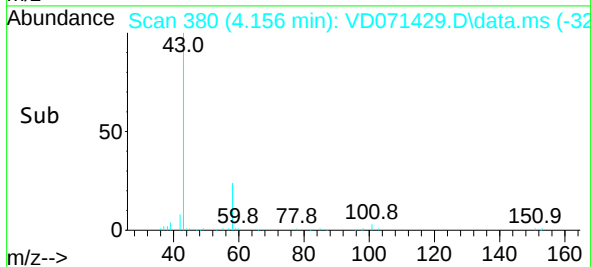
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

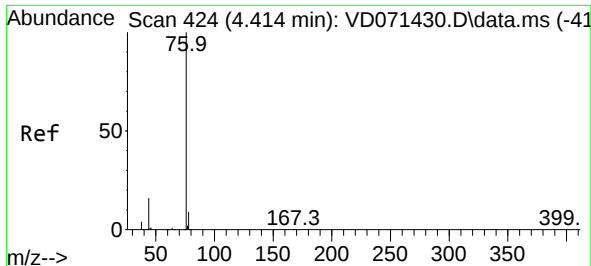


#16
Acetone
Concen: 124.964 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



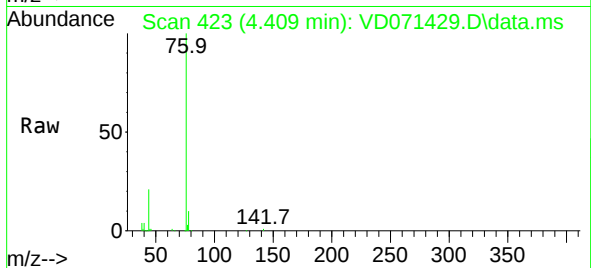
Tgt Ion: 43 Resp: 113869
Ion Ratio Lower Upper
43 100
58 24.0 27.8 41.8#





#17
Carbon Disulfide
Concen: 28.318 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

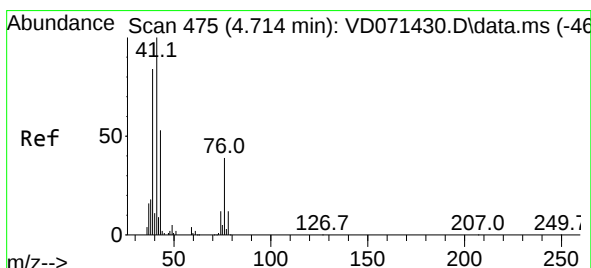
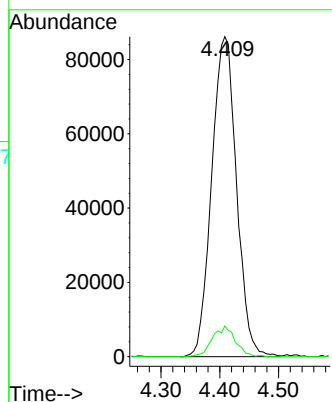
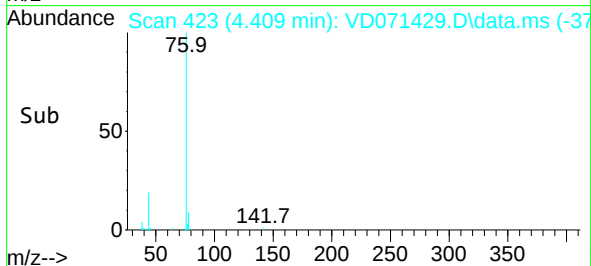
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 25296
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8

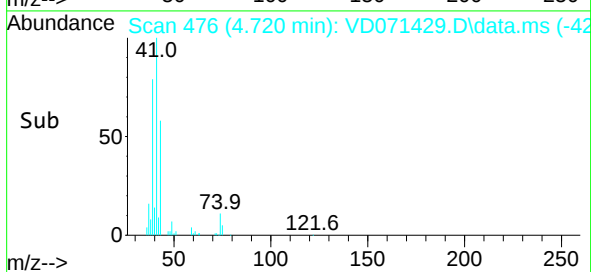
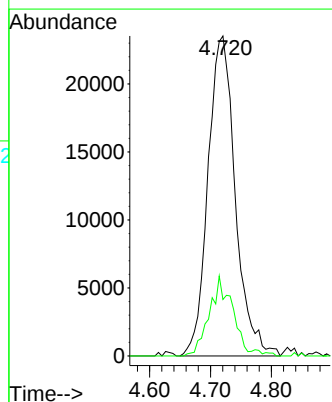
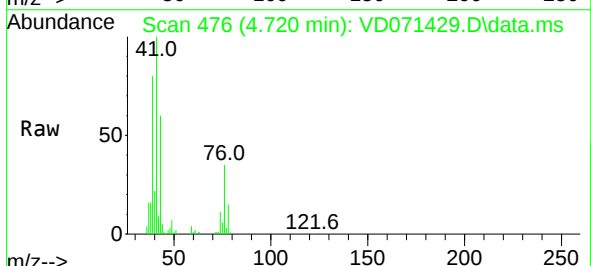
Manual Integrations
APPROVED

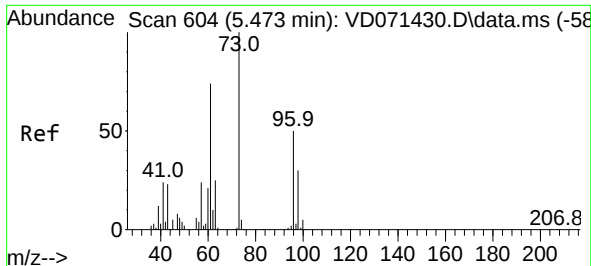
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#18
Methyl Acetate
Concen: 25.647 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion: 43 Resp: 73425
Ion Ratio Lower Upper
43 100
74 21.0 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 26.391 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 19553

Ion Ratio Lower Upper

73 100

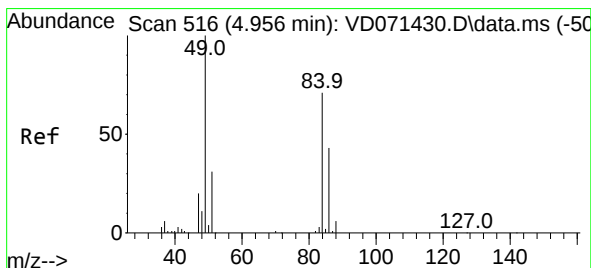
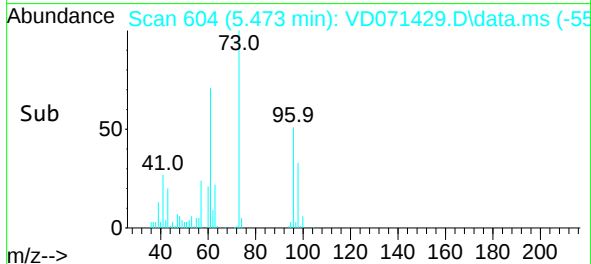
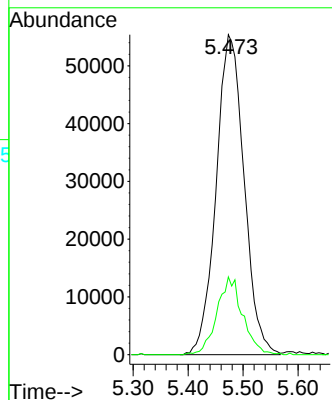
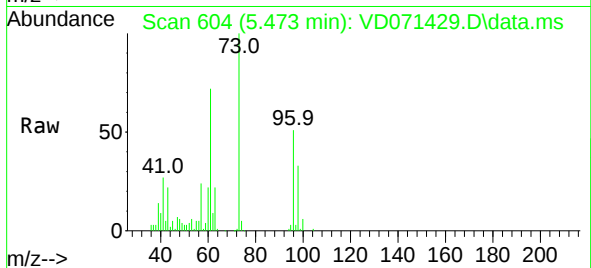
57 24.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#20

Methylene Chloride

Concen: 22.981 ug/l

RT: 4.961 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Tgt Ion: 84 Resp: 113394

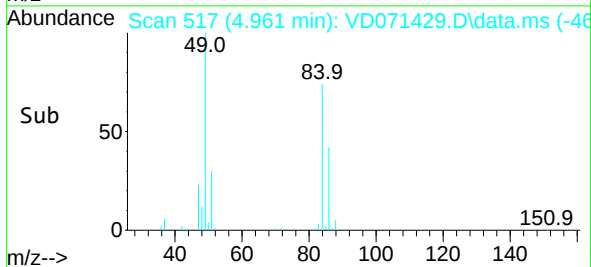
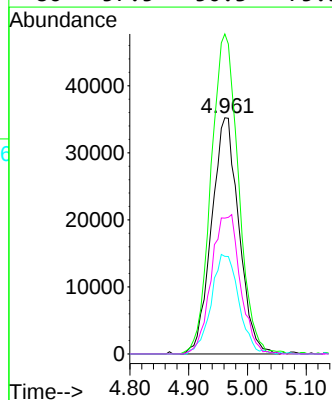
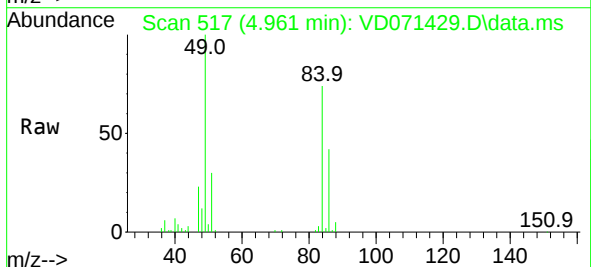
Ion Ratio Lower Upper

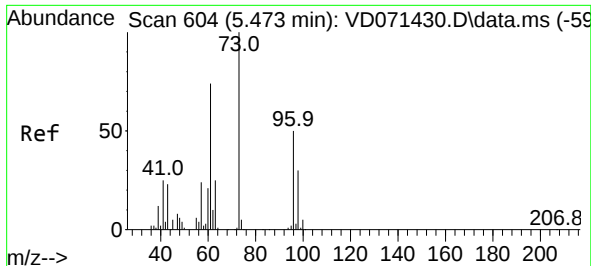
84 100

49 135.5 95.8 143.6

51 41.3 30.9 46.3

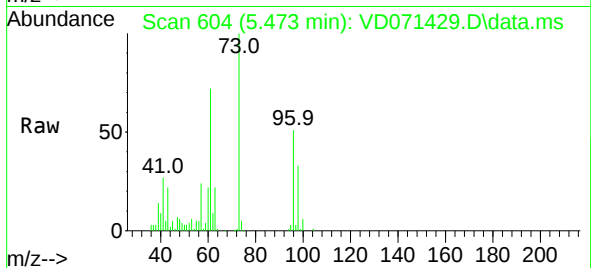
86 57.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 25.413 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

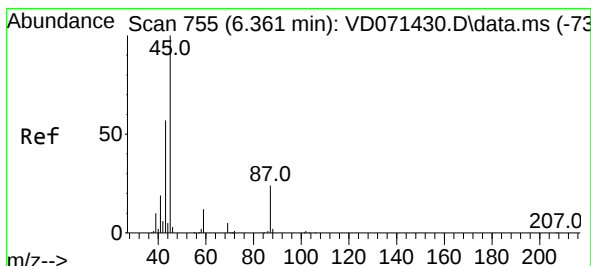
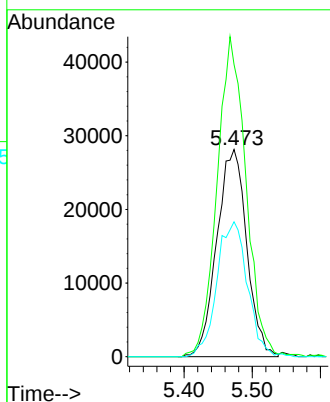
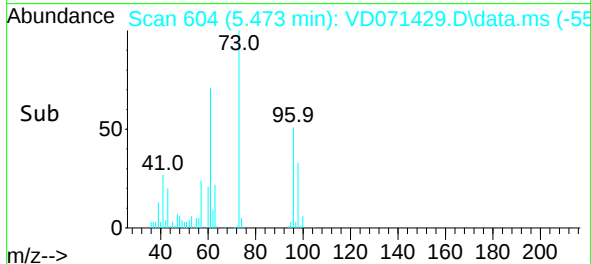
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



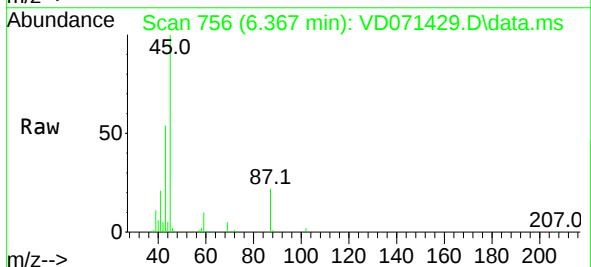
Tgt Ion: 96 Resp: 85860
Ion Ratio Lower Upper
96 100
61 141.0 102.1 153.1
98 65.1 50.1 75.1

Manual Integrations
APPROVED

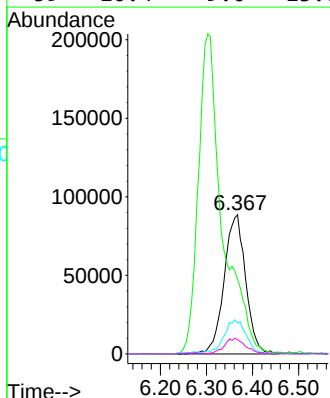
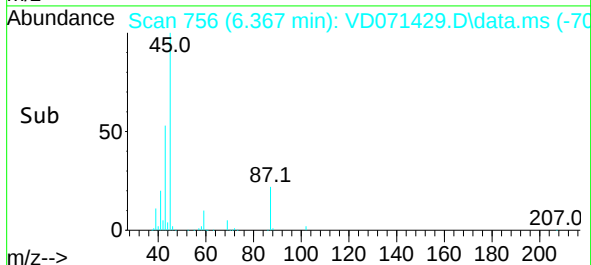
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

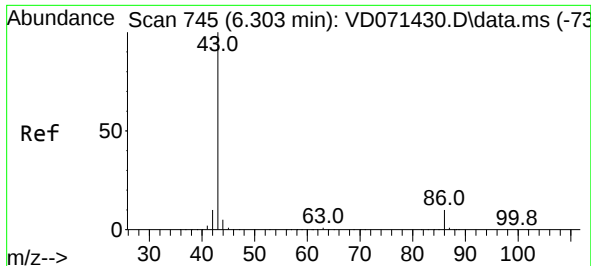


#22
Diisopropyl ether
Concen: 25.291 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



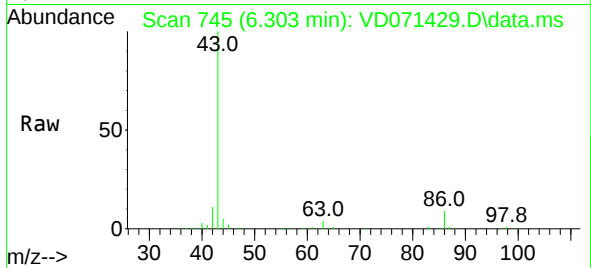
Tgt Ion: 45 Resp: 288130
Ion Ratio Lower Upper
45 100
43 53.1 39.6 59.4
87 22.5 21.2 31.8
59 10.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 136.110 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD071429.D
 Acq: 22 Dec 2021 19:21

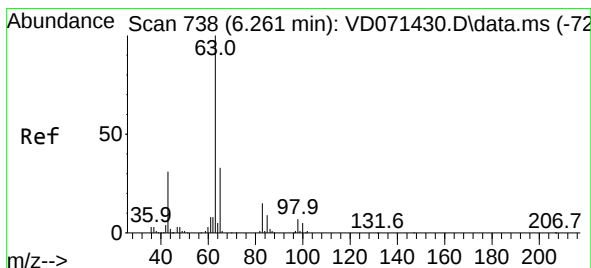
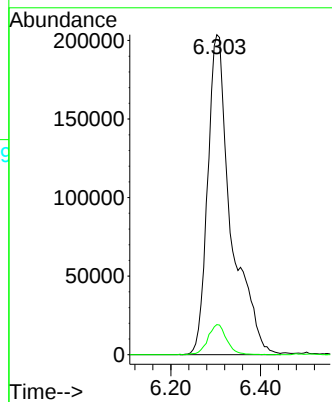
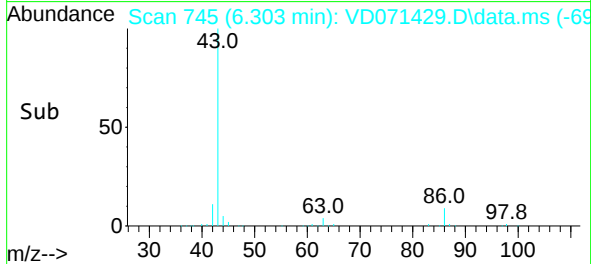
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



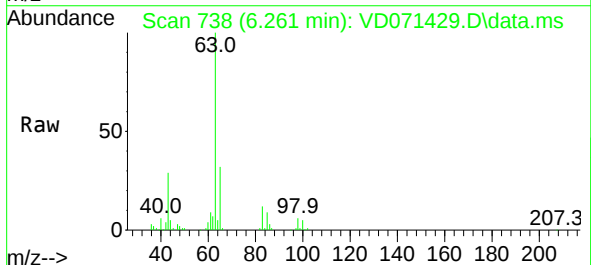
Tgt Ion: 43 Resp: 739688
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4

Manual Integrations
 APPROVED

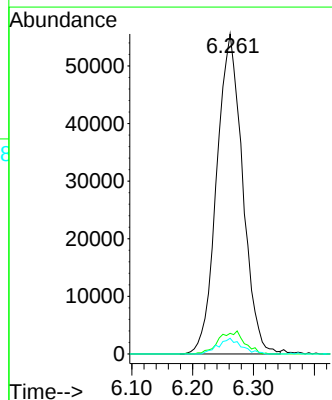
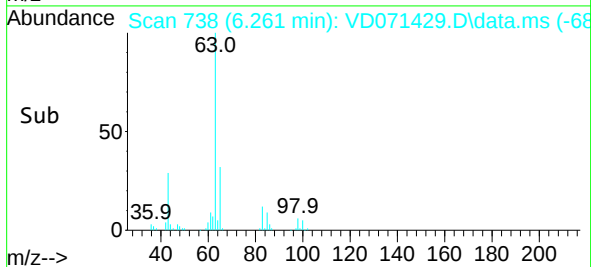
Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

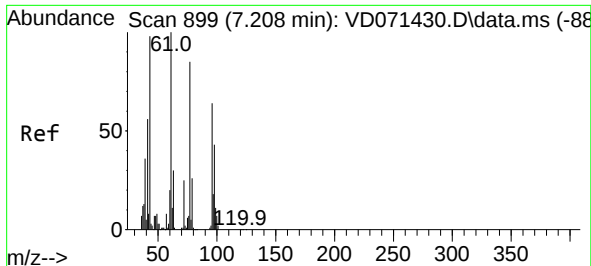


#24
 1,1-Dichloroethane
 Concen: 25.079 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD071429.D
 Acq: 22 Dec 2021 19:21



Tgt Ion: 63 Resp: 163890
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.9 2.1 6.3





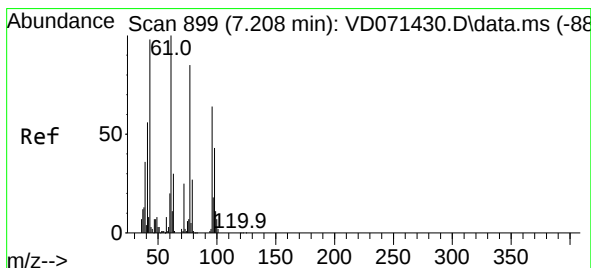
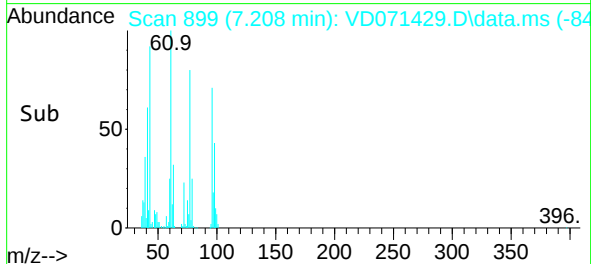
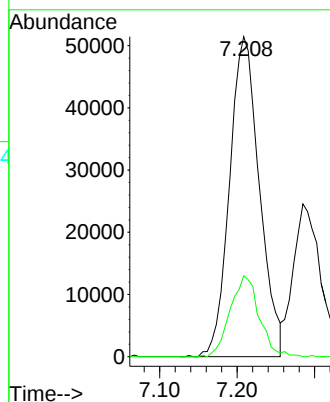
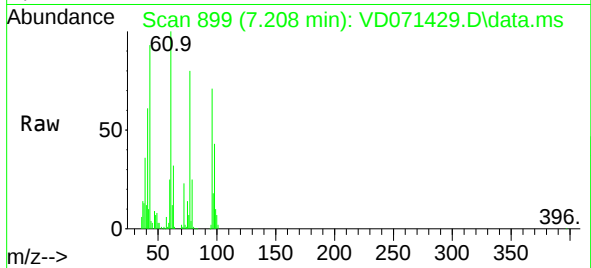
#25
2-Butanone
Concen: 130.912 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 137808
Ion Ratio Lower Upper
43 100
72 25.3 23.8 35.6

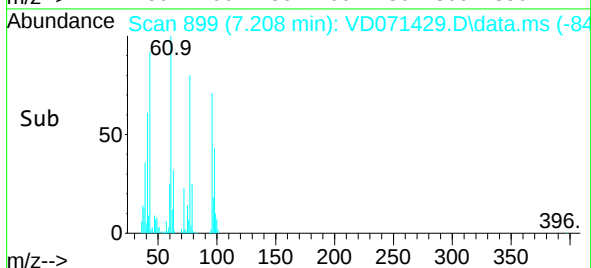
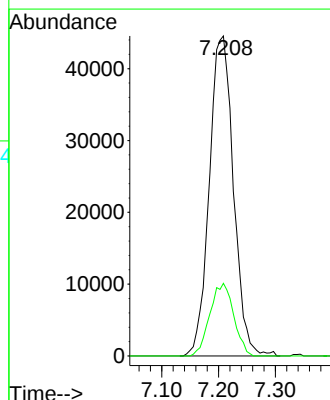
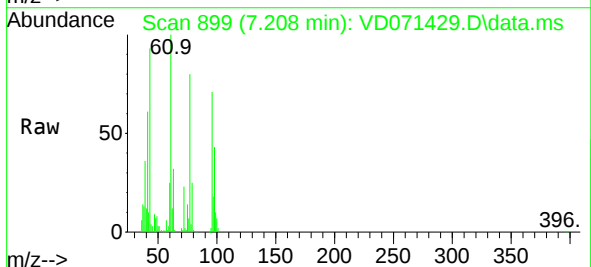
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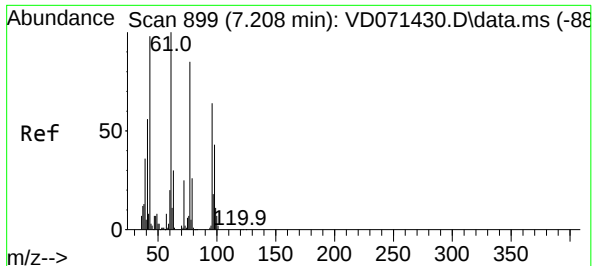
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#26
2,2-Dichloropropane
Concen: 22.302 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion: 77 Resp: 131545
Ion Ratio Lower Upper
77 100
97 22.4 11.9 35.5





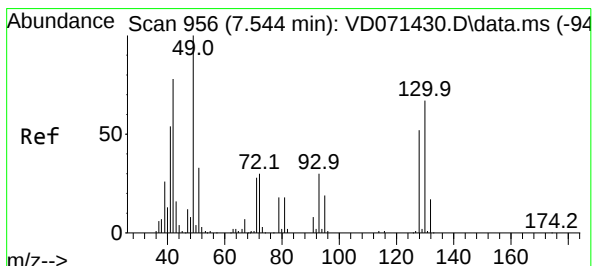
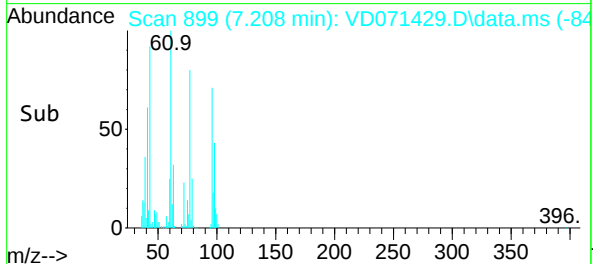
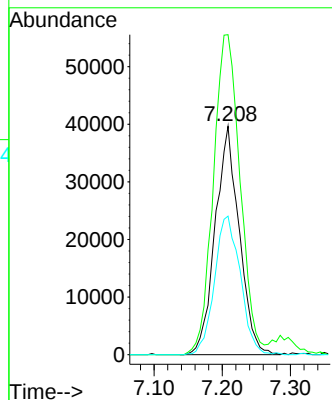
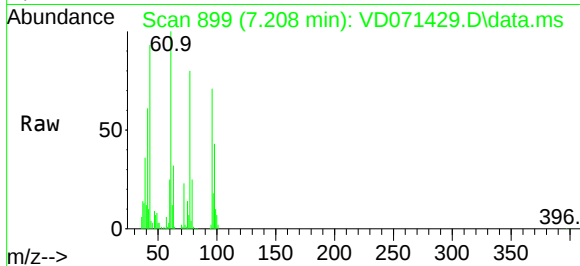
#27
 cis-1,2-Dichloroethene
 Concen: 25.668 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD071429.D
 Acq: 22 Dec 2021 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:	96	Resp:	97549
Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	288.6
98	65.0	0.0	129.2

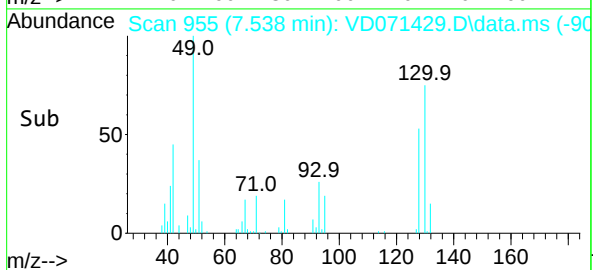
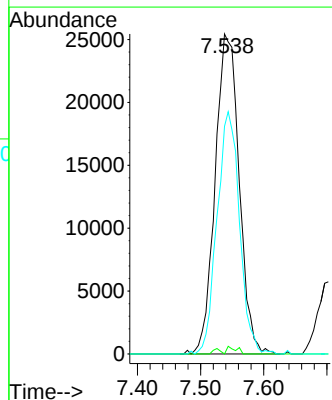
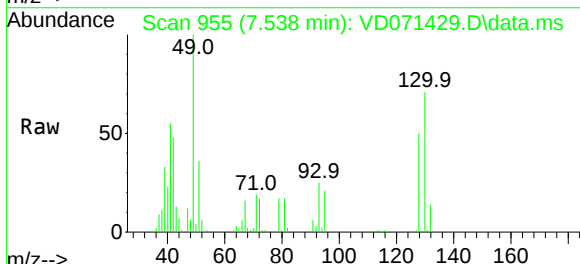
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#28
 Bromochloromethane
 Concen: 23.685 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD071429.D
 Acq: 22 Dec 2021 19:21

Tgt Ion:	49	Resp:	67201
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.0
130	70.9	60.2	90.2





#29

Tetrahydrofuran

Concen: 139.635 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

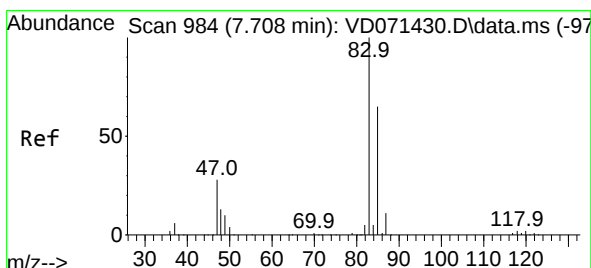
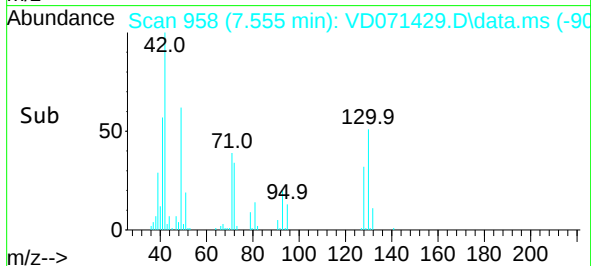
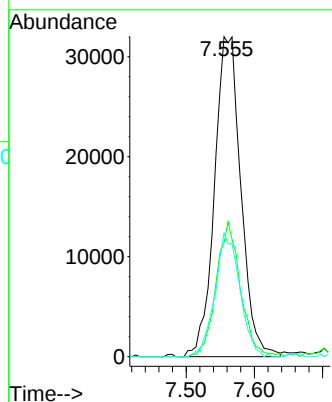
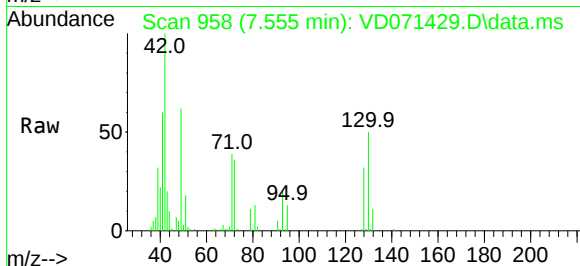
Tgt Ion: 42 Resp: 8637

Ion	Ratio	Lower	Upper
42	100		
72	38.8	33.7	50.5
71	36.3	32.7	49.1

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Supervised By :Mahesh Dadoda 12/28/2021



#30

Chloroform

Concen: 25.910 ug/l

RT: 7.702 min Scan# 983

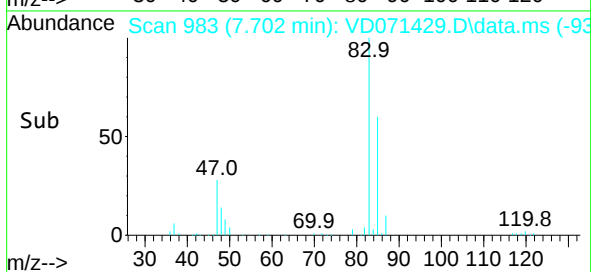
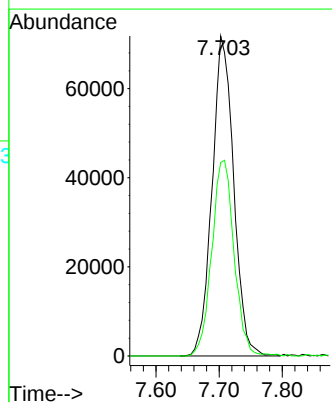
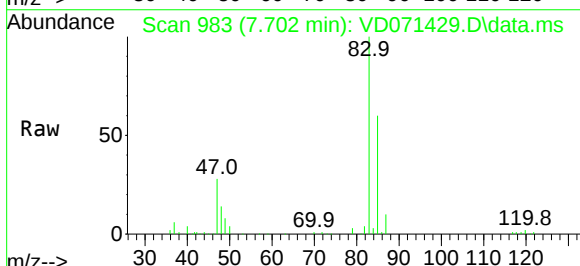
Delta R.T. 0.000 min

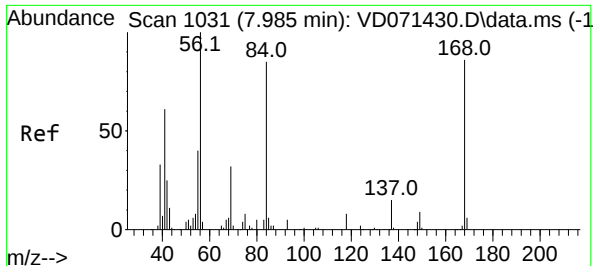
Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Tgt Ion: 83 Resp: 170488

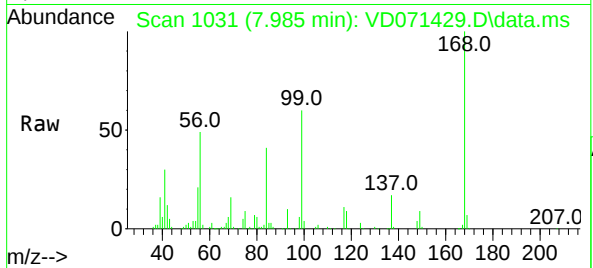
Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.0	76.6





#31
Cyclohexane
Concen: 24.294 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

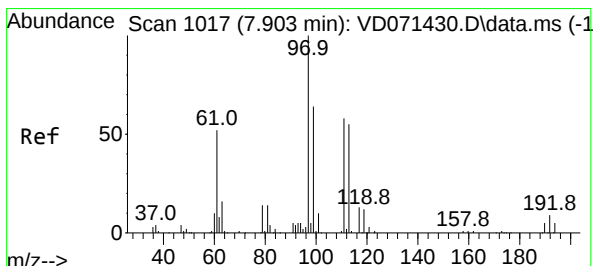
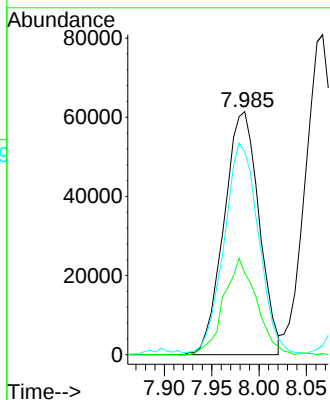
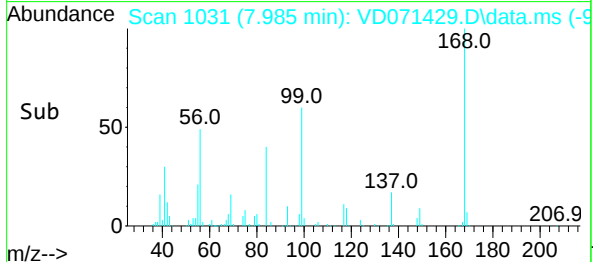
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



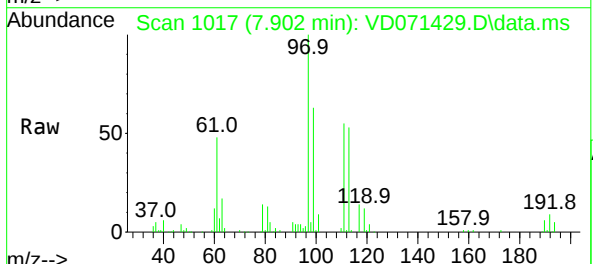
Tgt Ion: 56 Resp: 157960
Ion Ratio Lower Upper
56 100
69 33.5 25.9 38.9
84 81.7 64.3 96.5

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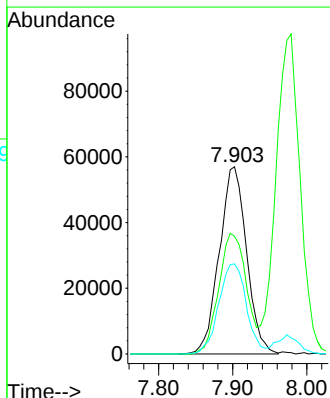
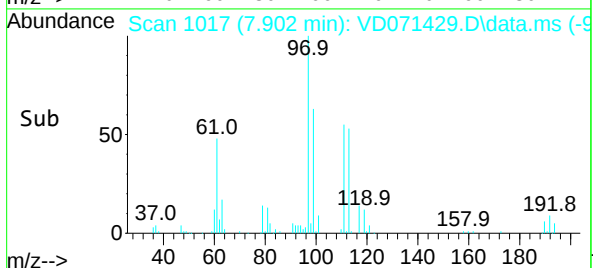
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

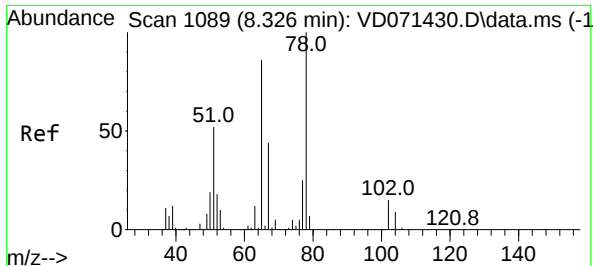


#32
1,1,1-Trichloroethane
Concen: 24.802 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



Tgt Ion: 97 Resp: 145668
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 48.6 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 25.436 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 9837

Ion Ratio Lower Upper

65 100

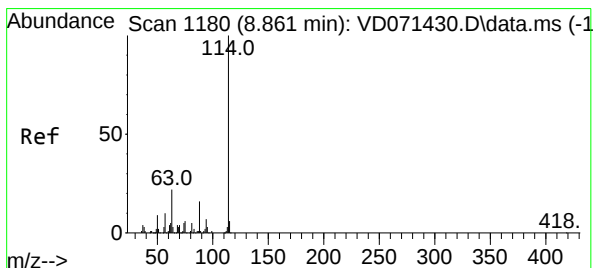
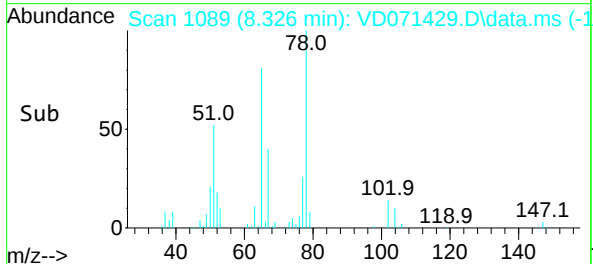
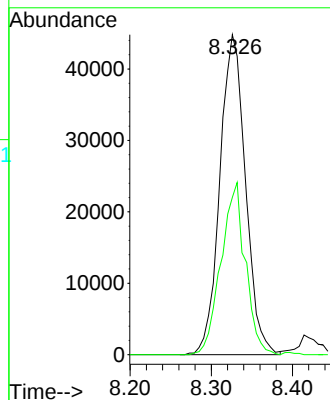
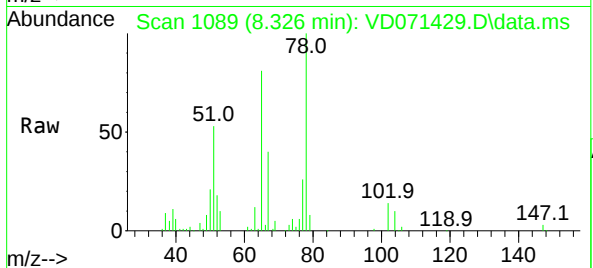
67 51.0 0.0 112.2

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Supervised By :Mahesh Dadoda 12/28/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

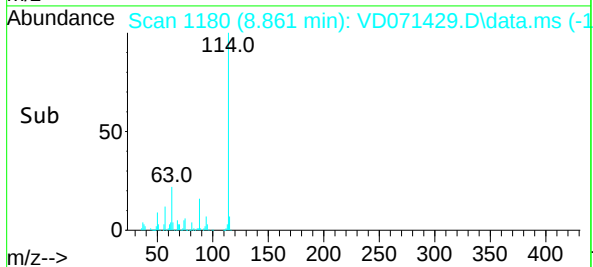
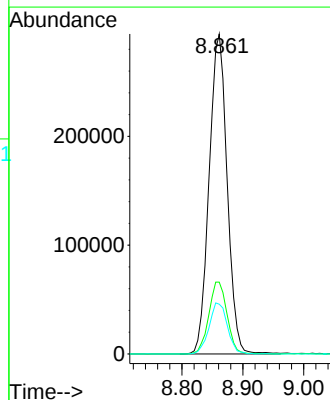
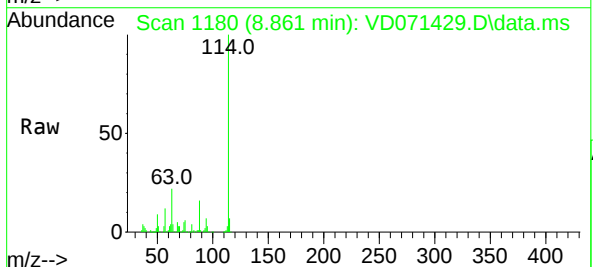
Tgt Ion:114 Resp: 603849

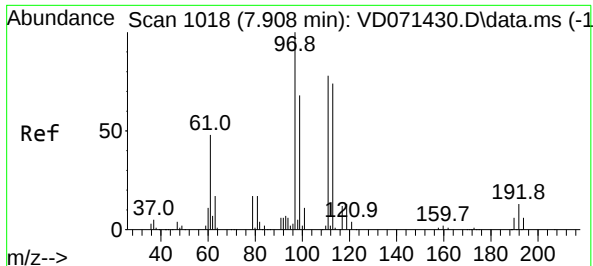
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 23.904 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

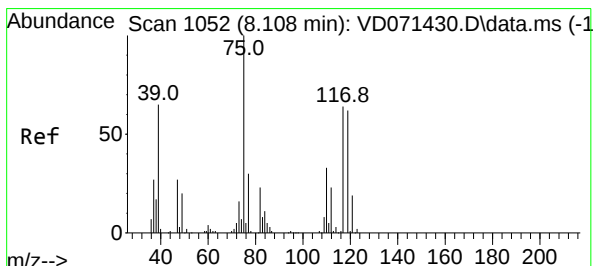
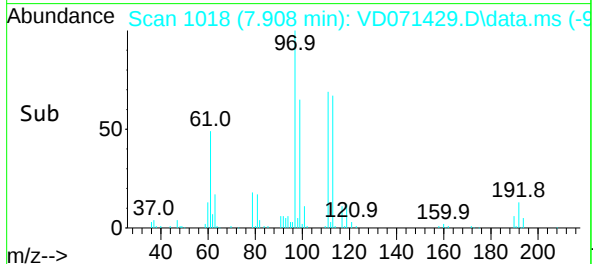
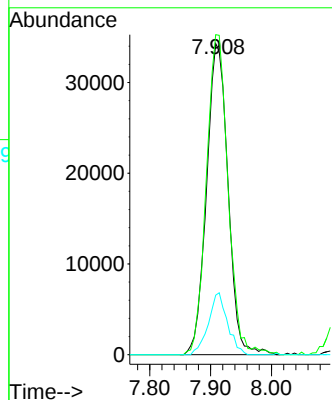
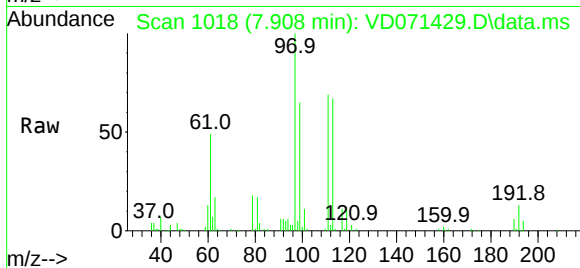
VSTDIC020

Tgt Ion:	113	Resp:	83920
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.0	123.0
192	17.7	15.2	22.8

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Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#36

1,1-Dichloropropene

Concen: 25.457 ug/l

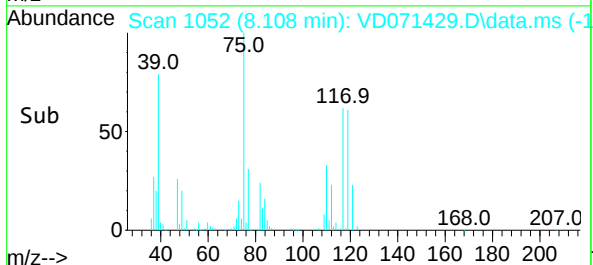
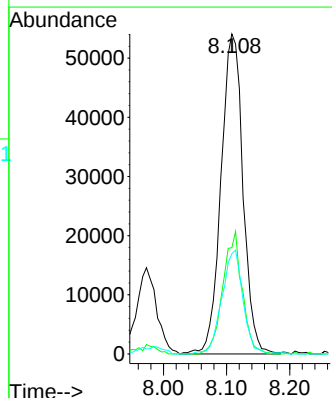
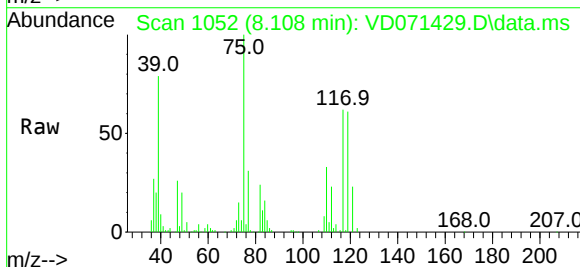
RT: 8.108 min Scan# 1052

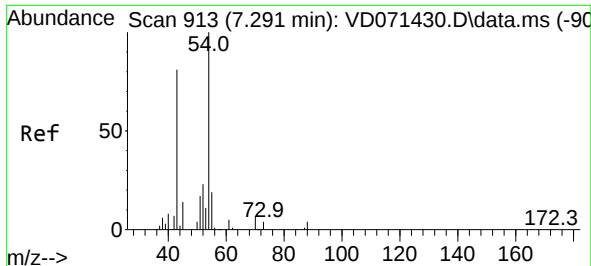
Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

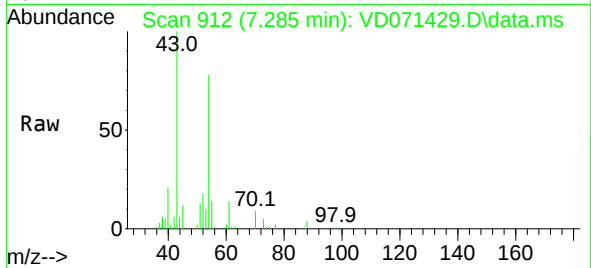
Tgt Ion:	75	Resp:	130622
Ion Ratio	Lower	Upper	
75	100		
110	33.6	17.8	53.4
77	31.1	24.8	37.2





#37
Ethyl Acetate
Concen: 27.079 ug/l
RT: 7.285 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

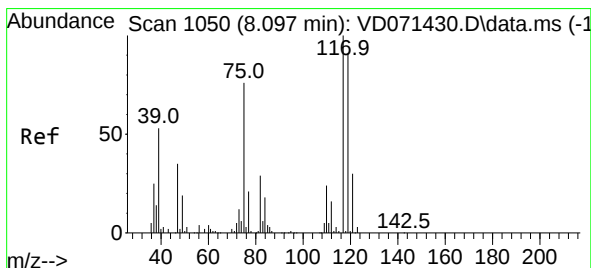
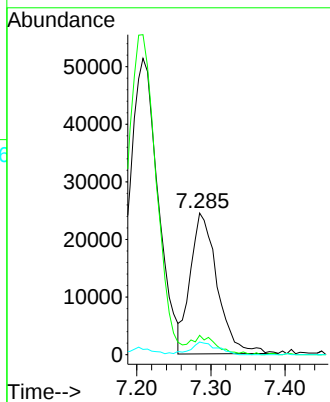
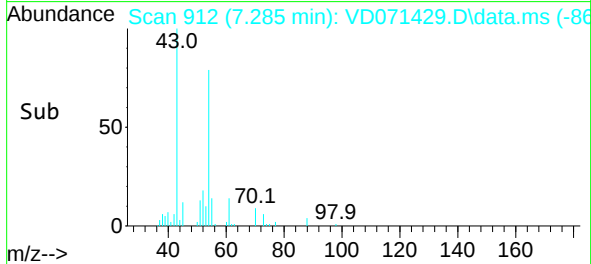
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 61730
Ion Ratio Lower Upper
43 100
61 12.1 13.0 19.6
70 8.6 8.7 13.1

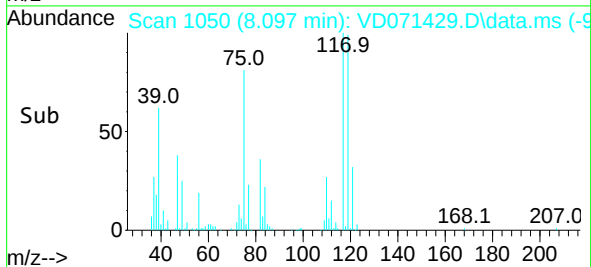
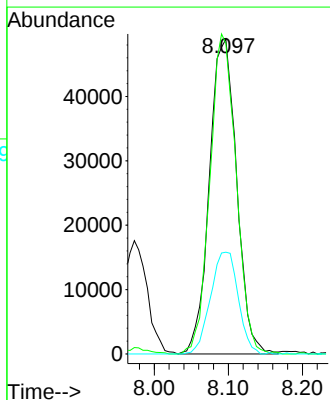
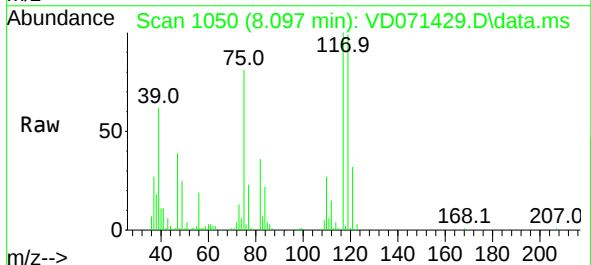
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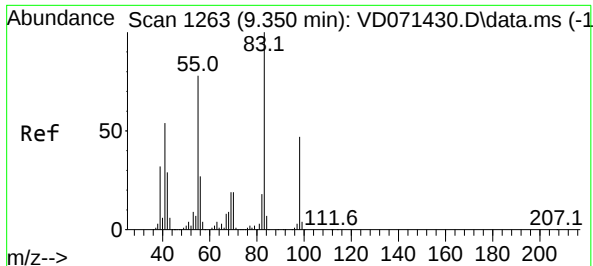
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#38
Carbon Tetrachloride
Concen: 24.788 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion:117 Resp: 124989
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.6
121 32.3 23.6 35.4





#39

Methylcyclohexane

Concen: 24.888 ug/l

RT: 9.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

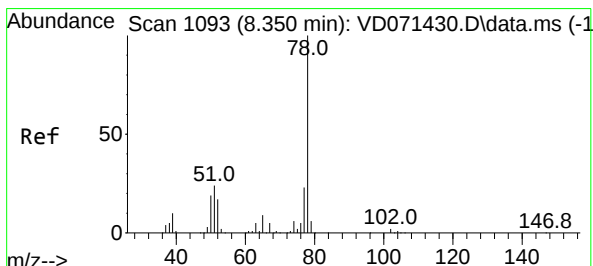
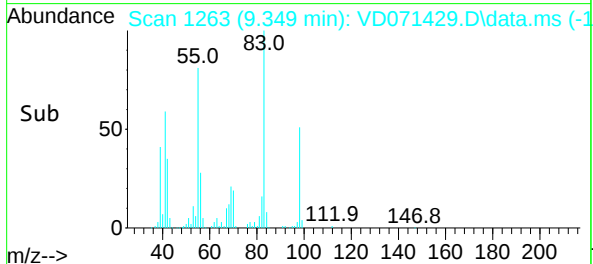
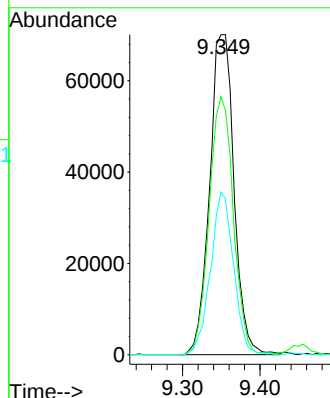
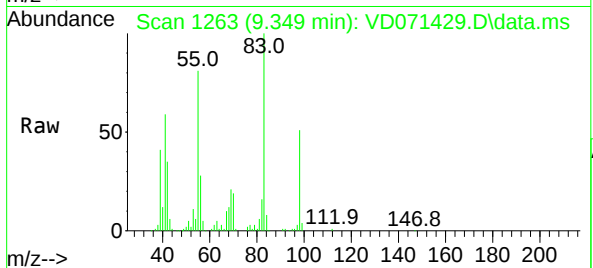
ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 15338
 Ion Ratio Lower Upper
 83 100
 55 80.7 65.8 98.8
 98 50.8 38.7 58.1

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Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#40

Benzene

Concen: 25.055 ug/l

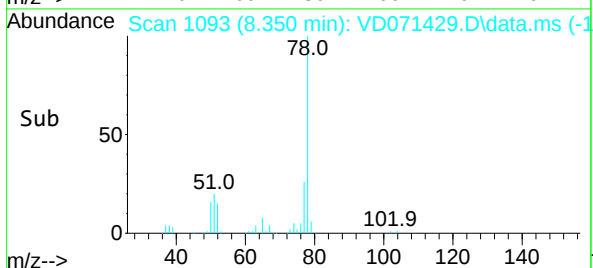
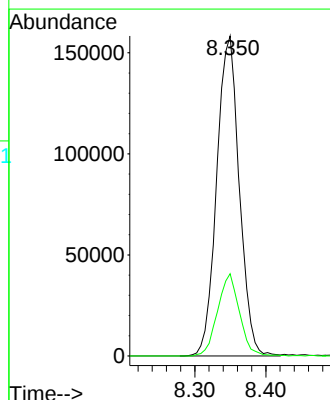
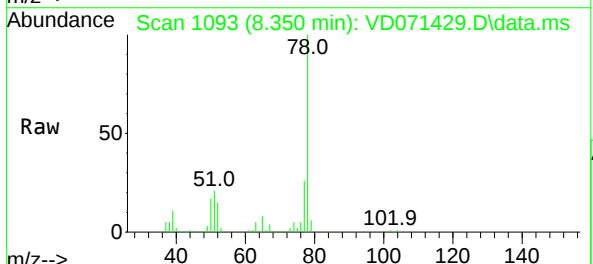
RT: 8.350 min Scan# 1093

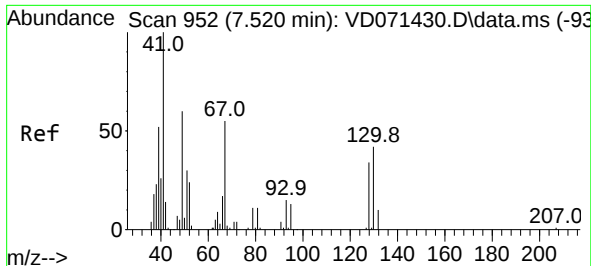
Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

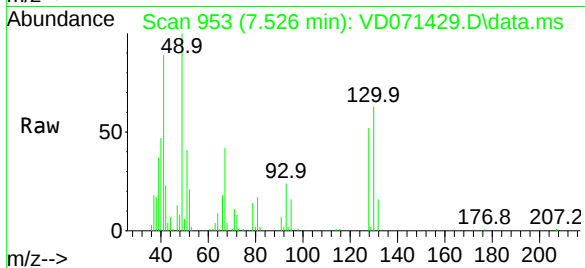
Tgt Ion: 78 Resp: 348960
 Ion Ratio Lower Upper
 78 100
 77 25.7 19.1 28.7





#41
Methacrylonitrile
Concen: 25.776 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

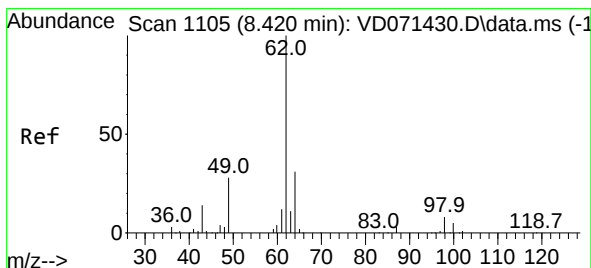
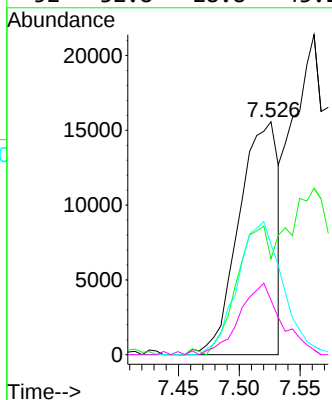
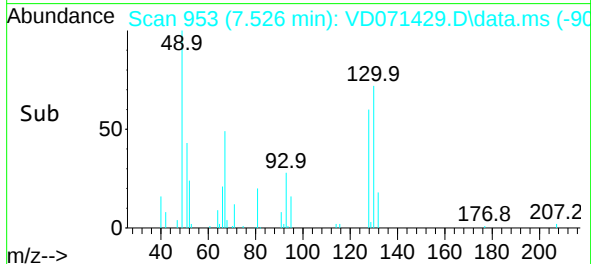
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



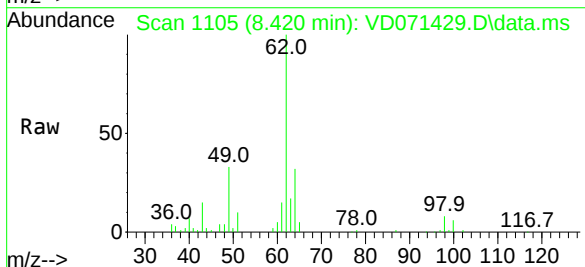
Tgt Ion: 41 Resp: 3484
Ion Ratio Lower Upper
41 100
39 48.2 60.2 90.4
67 65.7 74.8 112.2
52 32.8 28.8 43.2

Manual Integrations
APPROVED

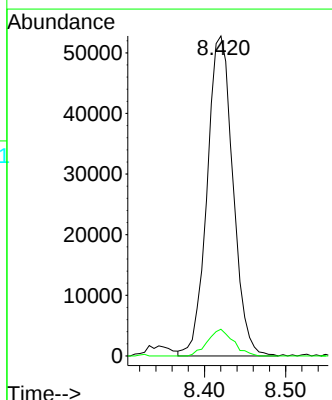
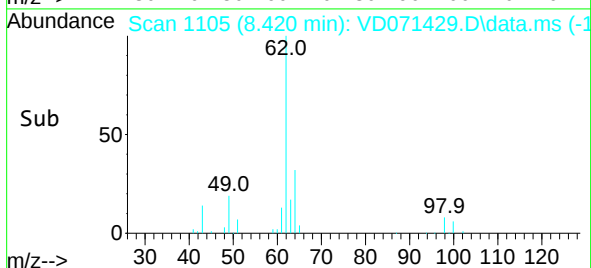
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

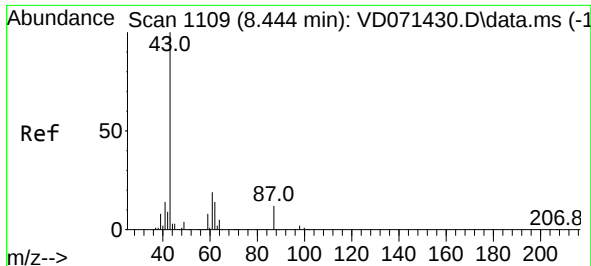


#42
1,2-Dichloroethane
Concen: 27.164 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



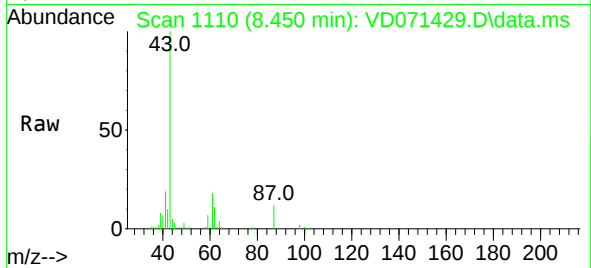
Tgt Ion: 62 Resp: 116798
Ion Ratio Lower Upper
62 100
98 8.3 0.0 21.8





#43
Isopropyl Acetate
Concen: 27.226 ug/l
RT: 8.450 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

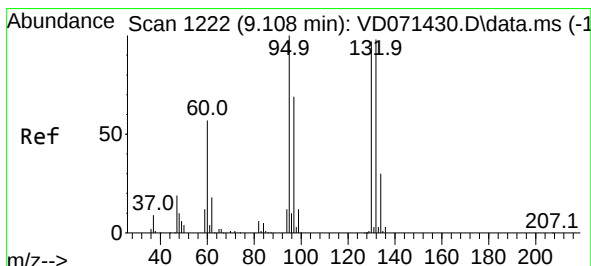
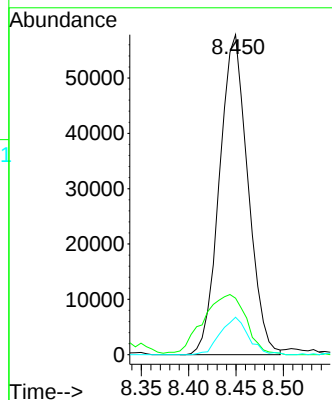
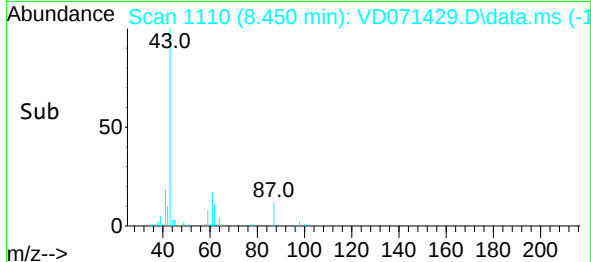
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 12070
Ion Ratio Lower Upper
43 100
61 28.6 28.2 42.4
87 11.5 10.7 16.1

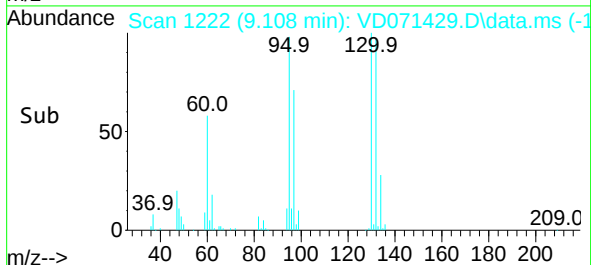
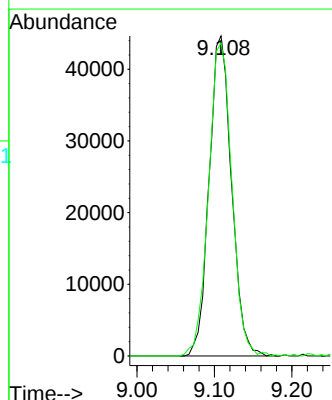
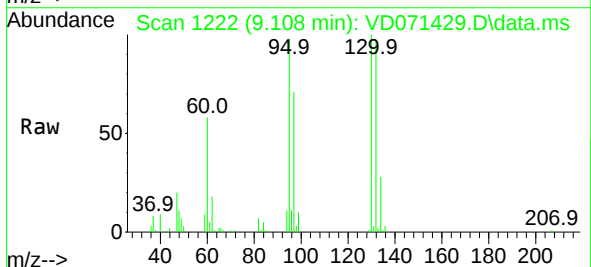
Manual Integrations
APPROVED

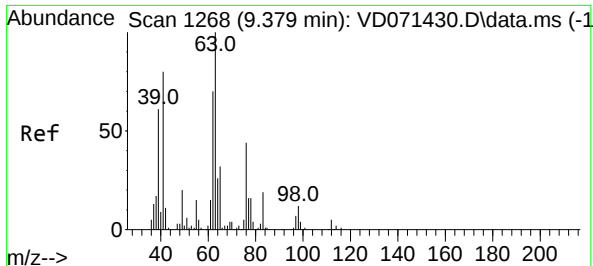
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#44
Trichloroethene
Concen: 24.289 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion:130 Resp: 89872
Ion Ratio Lower Upper
130 100
95 97.8 0.0 193.2





#45

1,2-Dichloropropane

Concen: 24.977 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 9115

Ion Ratio Lower Upper

63 100

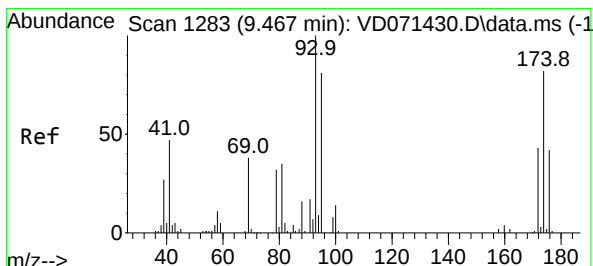
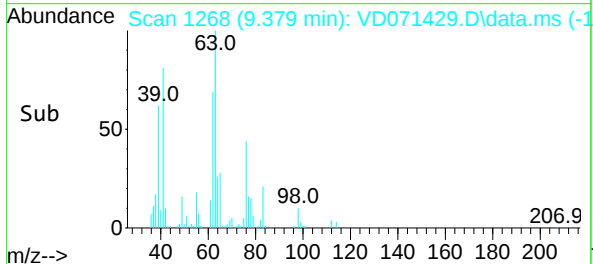
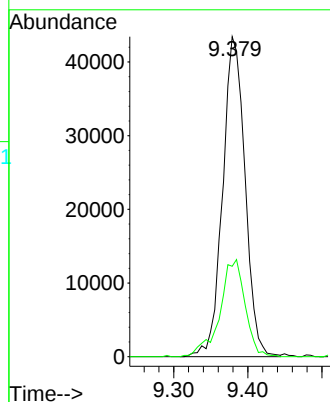
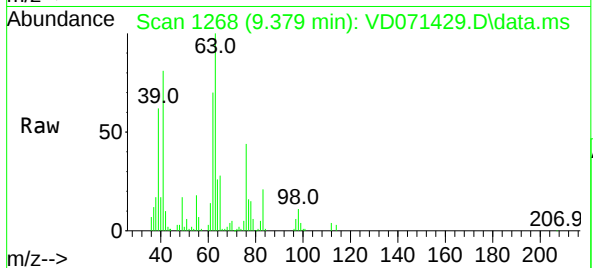
65 28.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#46

Dibromomethane

Concen: 26.250 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

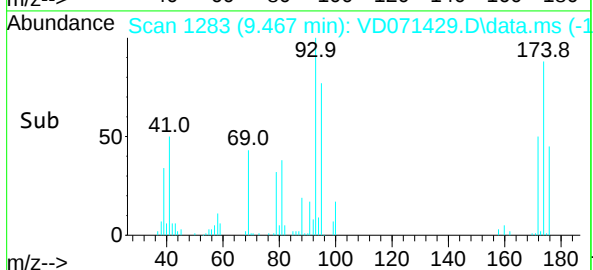
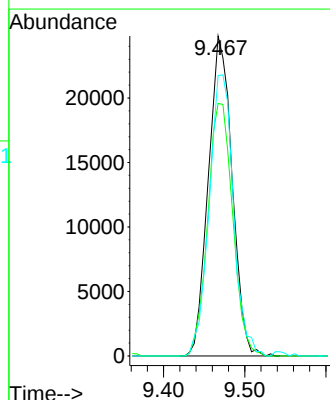
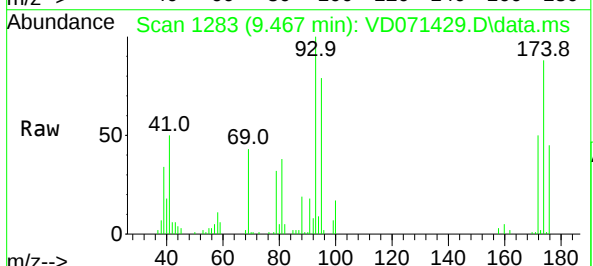
Tgt Ion: 93 Resp: 50383

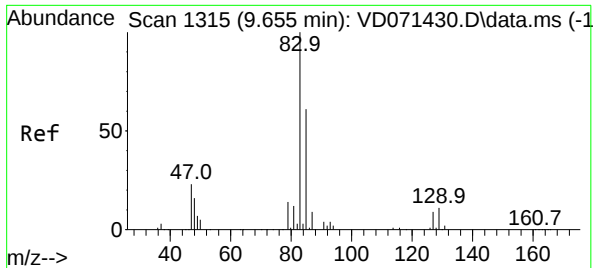
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 89.9 78.6 117.8





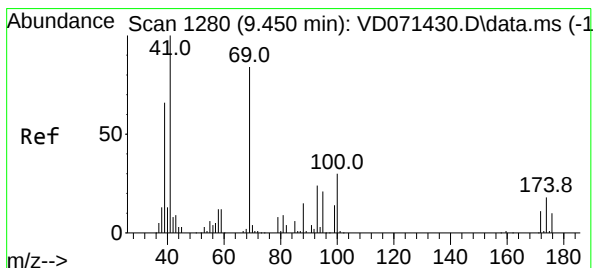
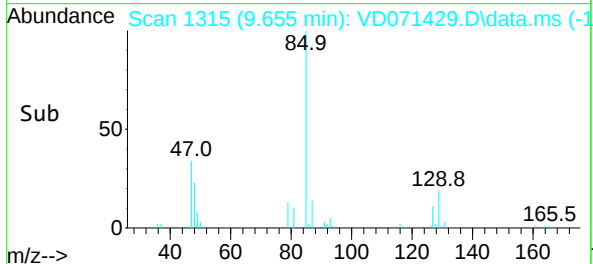
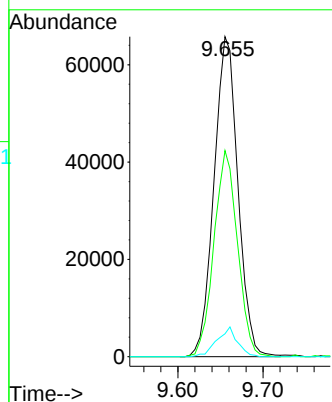
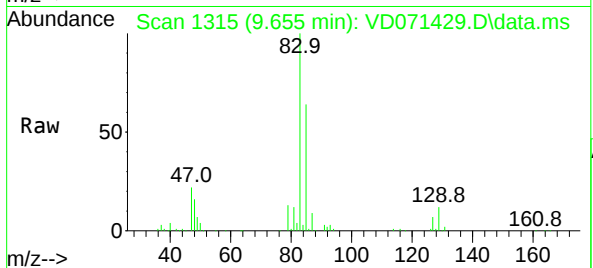
#47
Bromodichloromethane
Concen: 25.542 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 12855
Ion Ratio Lower Upper
83 100
85 64.4 50.0 75.0
127 7.2 7.3 10.9

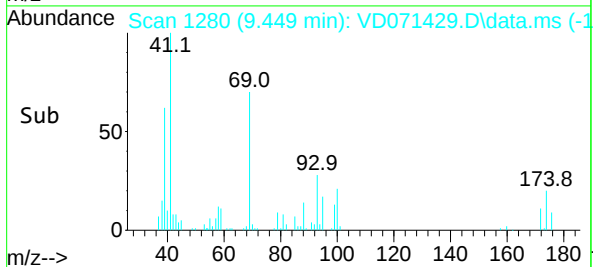
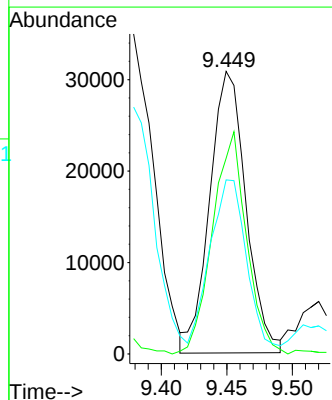
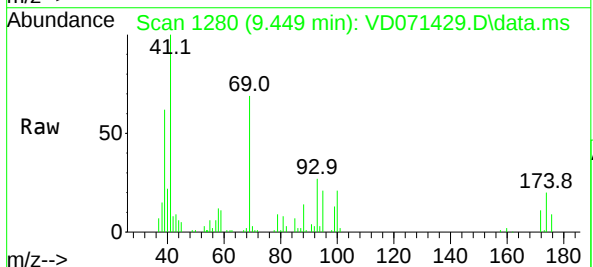
Manual Integrations
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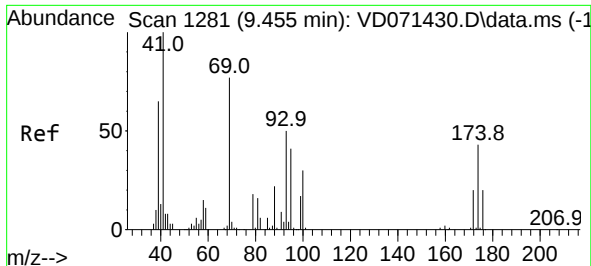
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#48
Methyl methacrylate
Concen: 26.922 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

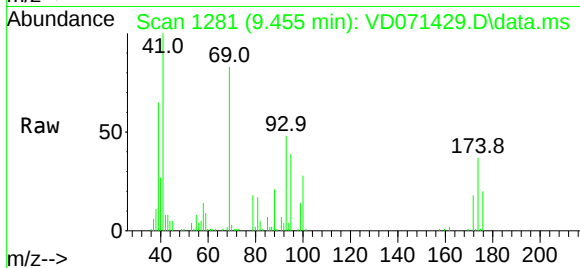
Tgt Ion: 41 Resp: 59264
Ion Ratio Lower Upper
41 100
69 74.0 69.8 104.6
39 57.9 35.6 53.4





#49
1,4-Dioxane
Concen: 647.026 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

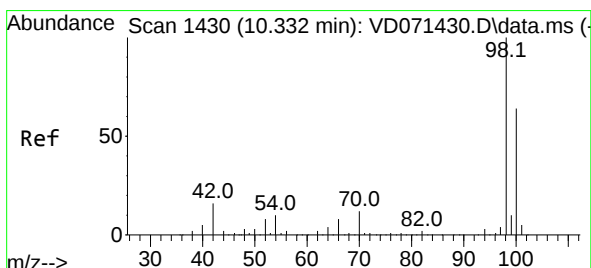
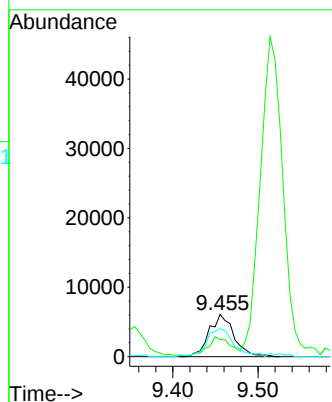
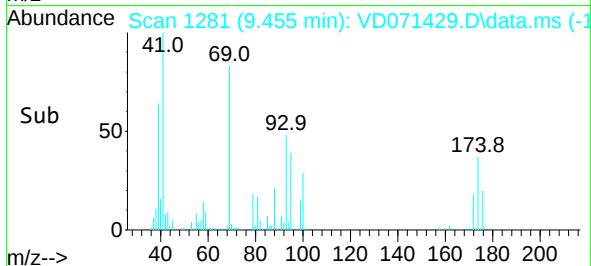
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 12275
Ion Ratio Lower Upper
88 100
43 40.5 28.9 43.3
58 72.7 56.3 84.5

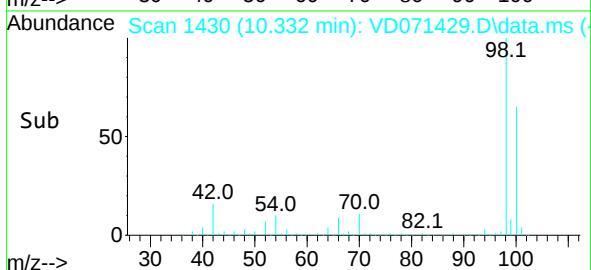
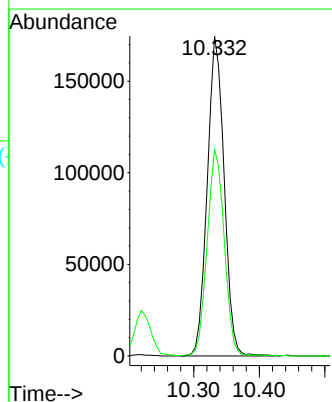
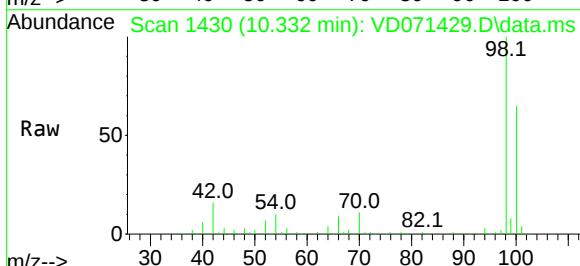
Manual Integrations
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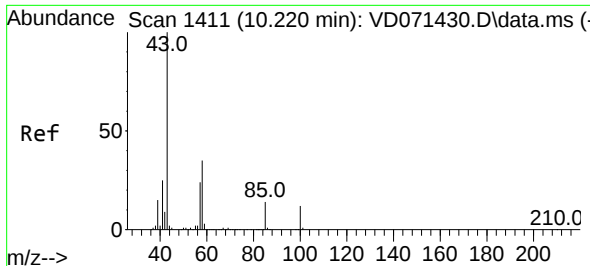
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#50
Toluene-d8
Concen: 23.310 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

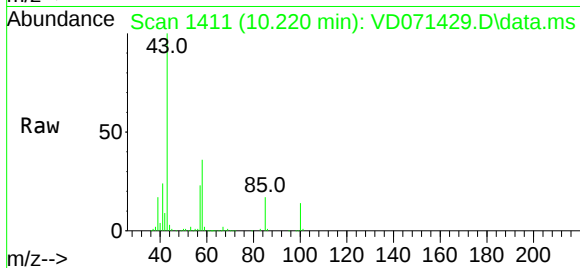
Tgt Ion: 98 Resp: 311857
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 138.943 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

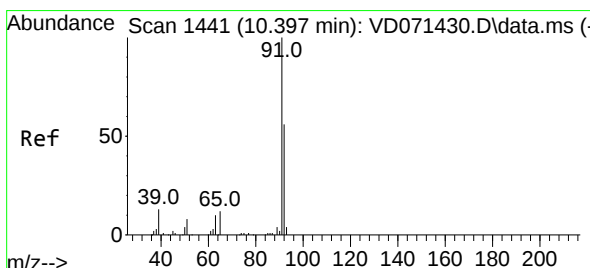
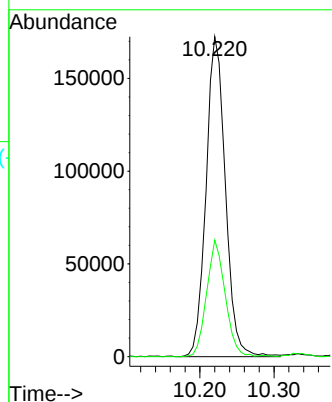
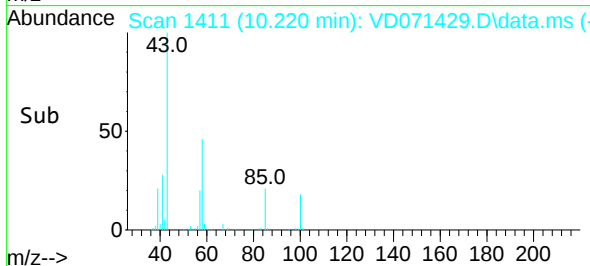
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 31250
Ion Ratio Lower Upper
43 100
58 34.9 33.1 49.7

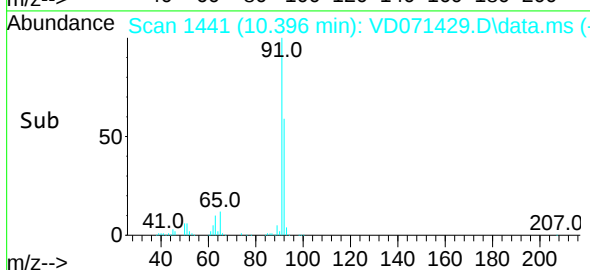
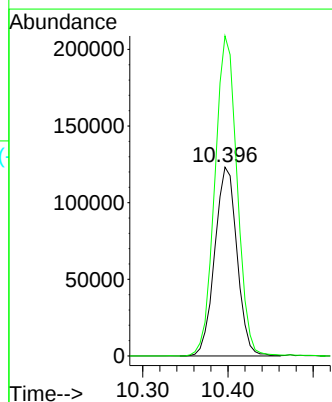
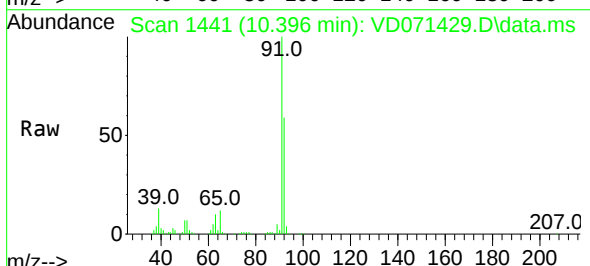
Manual Integrations
APPROVED

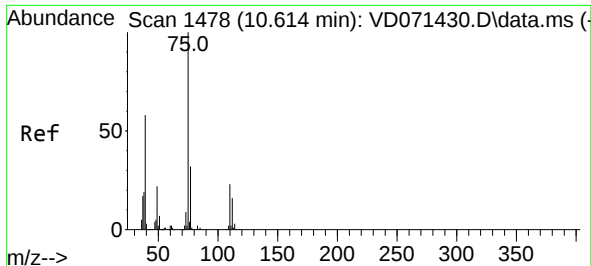
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#52
Toluene
Concen: 25.350 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

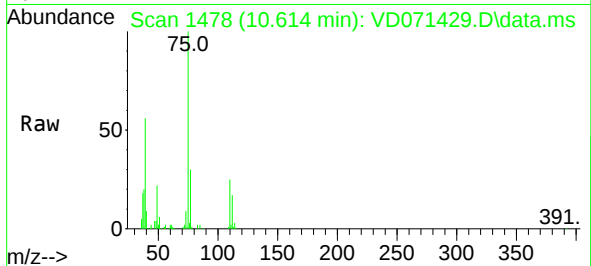
Tgt Ion: 92 Resp: 223380
Ion Ratio Lower Upper
92 100
91 170.0 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 25.343 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

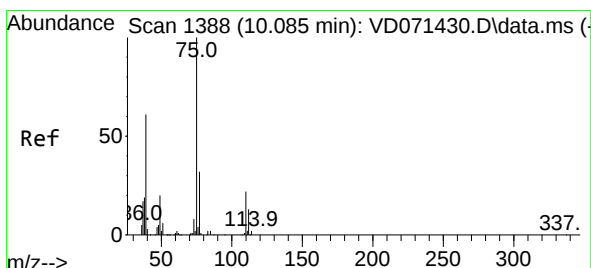
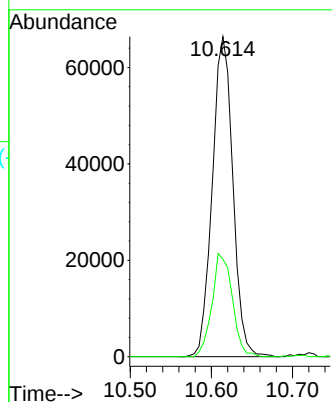
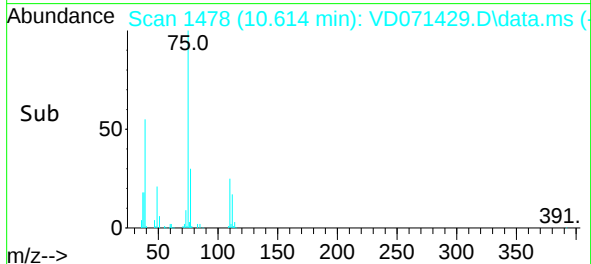
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



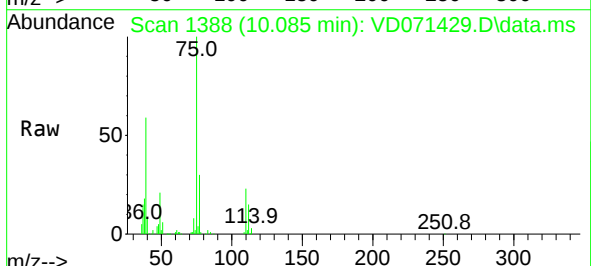
Tgt Ion: 75 Resp: 11686
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7

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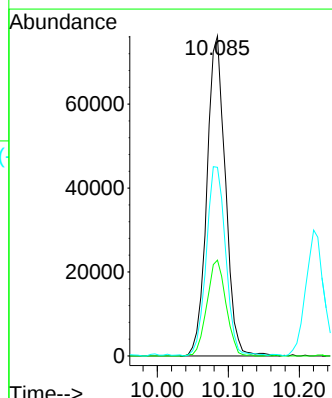
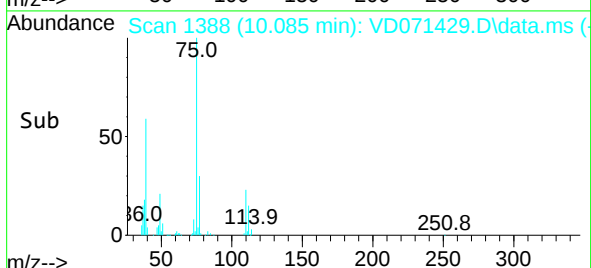
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

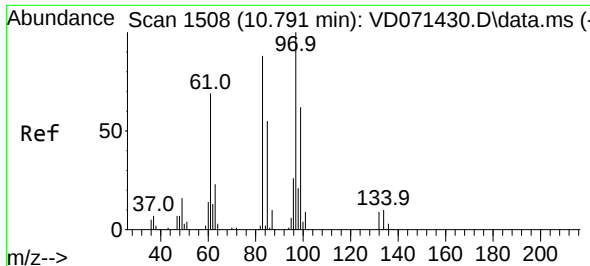


#54
cis-1,3-Dichloropropene
Concen: 25.244 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



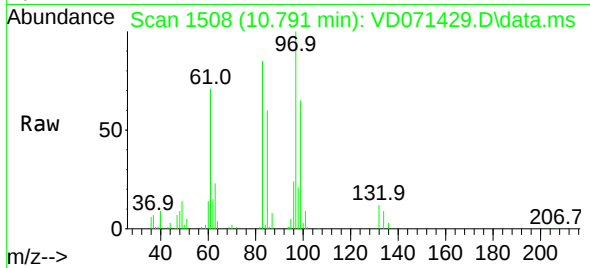
Tgt Ion: 75 Resp: 138122
Ion Ratio Lower Upper
75 100
77 29.9 25.0 37.6
39 58.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 25.952 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

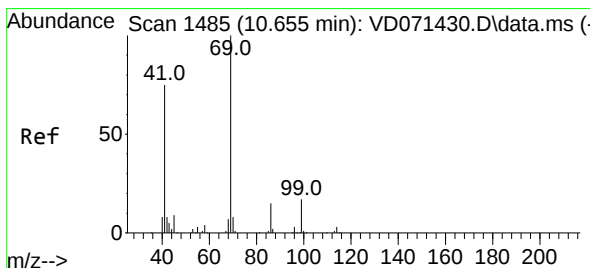
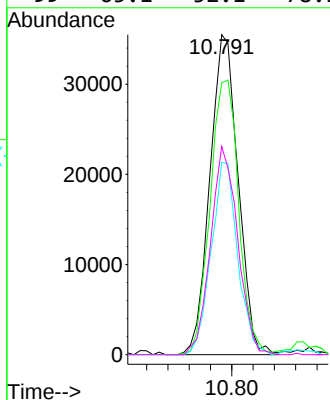
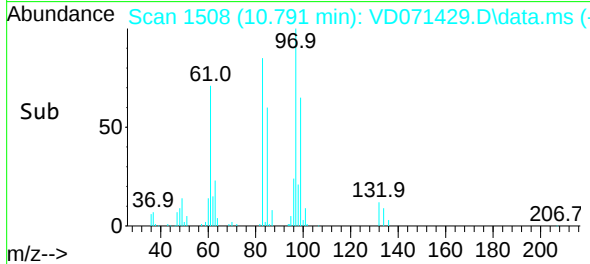
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



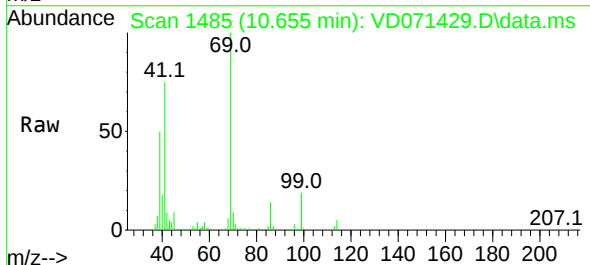
Tgt Ion:	97	Resp:	6537
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.2	97.8
85	60.2	43.4	65.0
99	65.1	52.1	78.1

Manual Integrations
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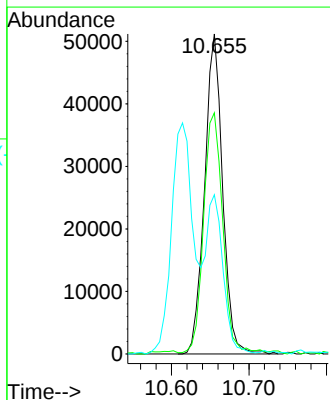
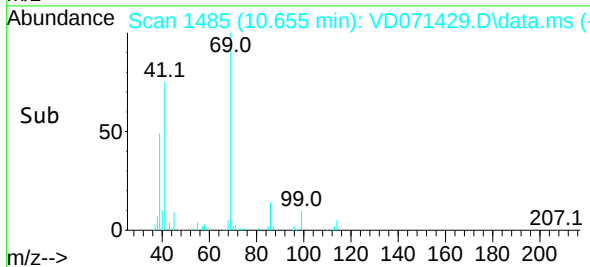
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

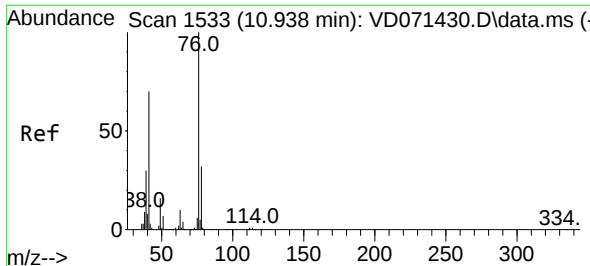


#56
Ethyl methacrylate
Concen: 26.046 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



Tgt Ion:	69	Resp:	82820
Ion	Ratio	Lower	Upper
69	100		
41	78.8	50.2	75.2#
39	46.3	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 26.603 ug/l

RT: 10.938 min Scan# 117230

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 117230

Ion Ratio Lower Upper

76 100

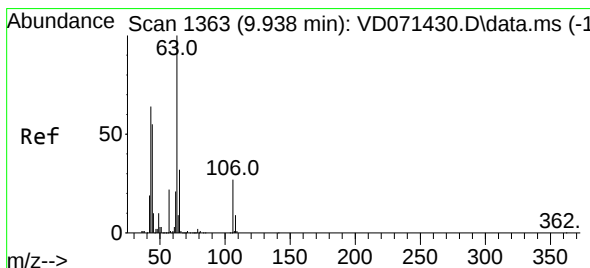
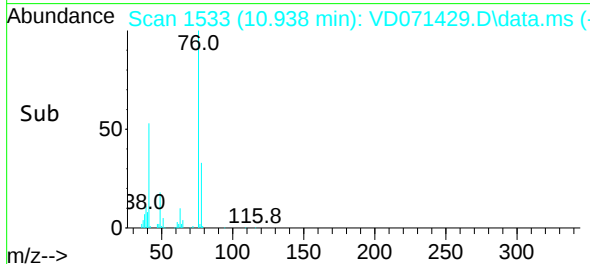
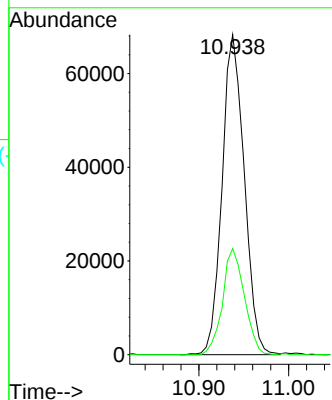
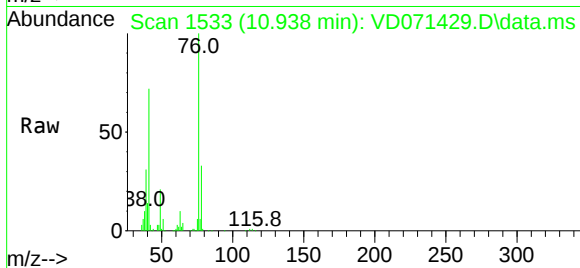
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#58

2-Chloroethyl Vinyl ether

Concen: 120.579 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD071429.D

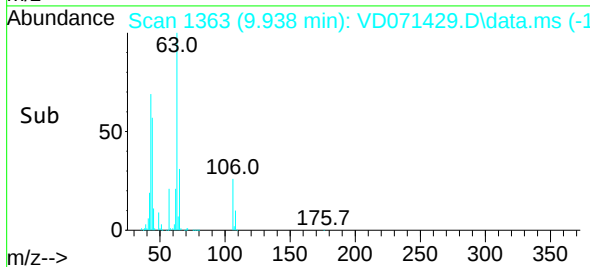
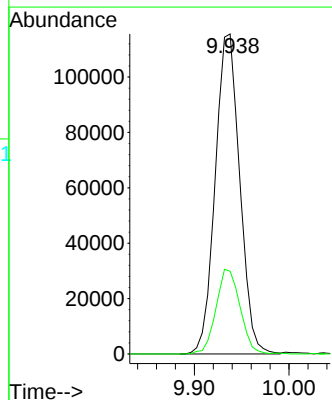
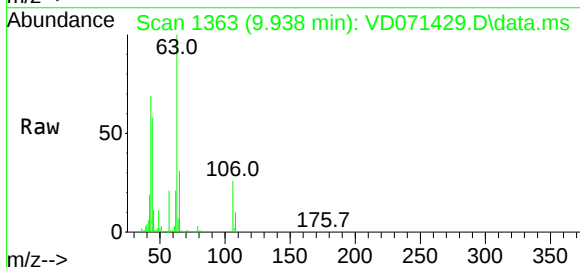
Acq: 22 Dec 2021 19:21

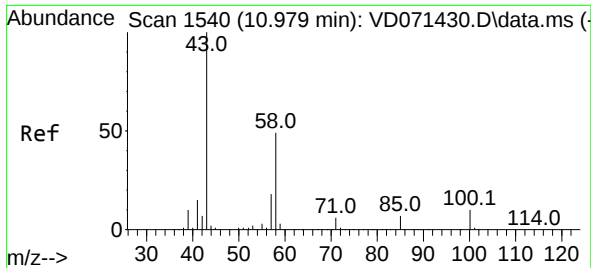
Tgt Ion: 63 Resp: 208000

Ion Ratio Lower Upper

63 100

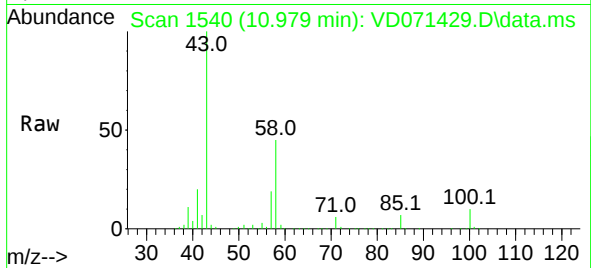
106 26.0 21.0 31.4





#59
2-Hexanone
Concen: 134.943 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

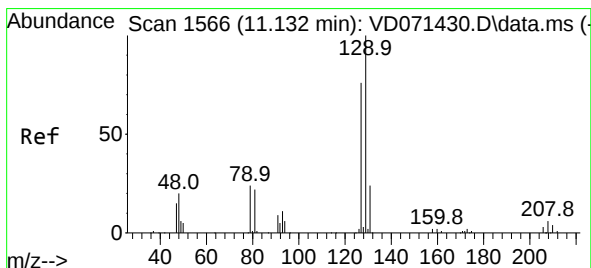
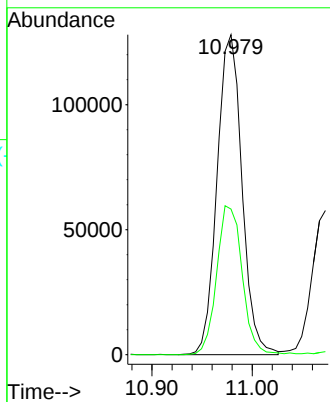
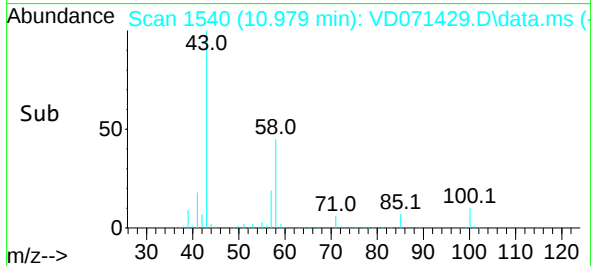
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



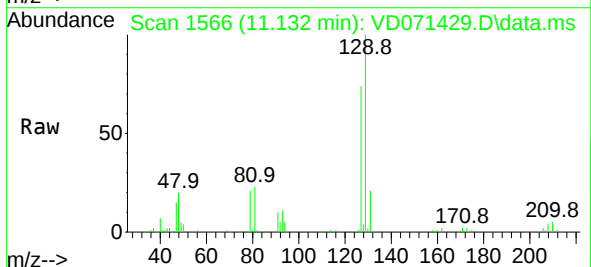
Tgt Ion: 43 Resp: 220833
Ion Ratio Lower Upper
43 100
58 47.7 28.7 86.1

Manual Integrations
APPROVED

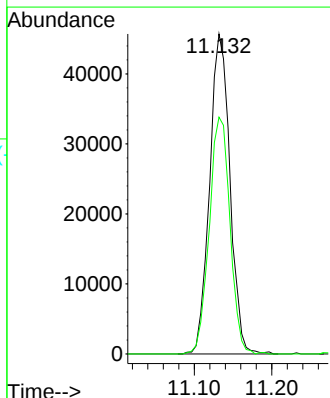
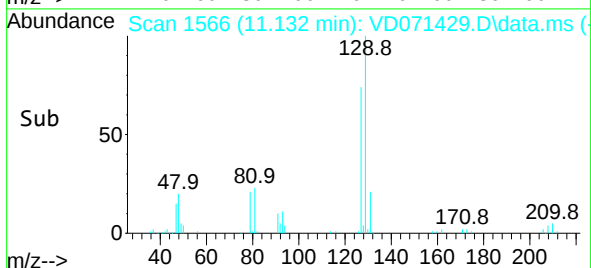
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

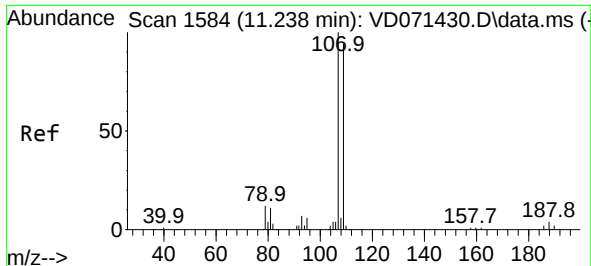


#60
Dibromochloromethane
Concen: 26.615 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



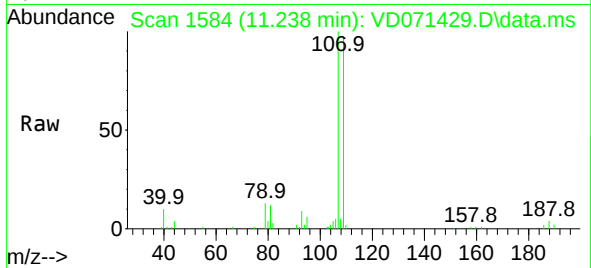
Tgt Ion:129 Resp: 83197
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 26.485 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

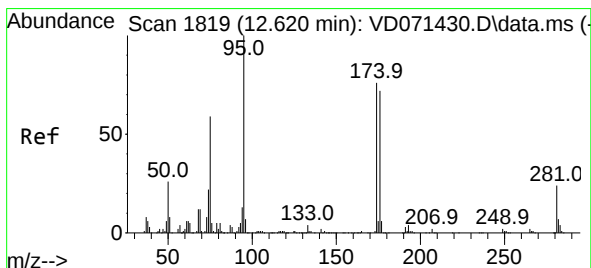
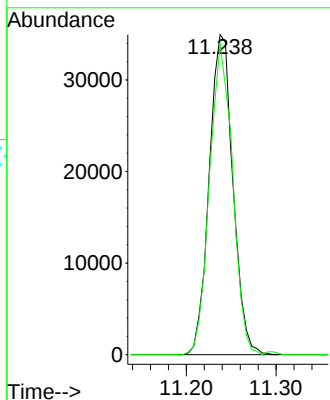
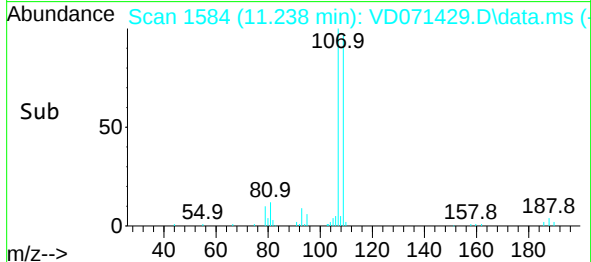
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



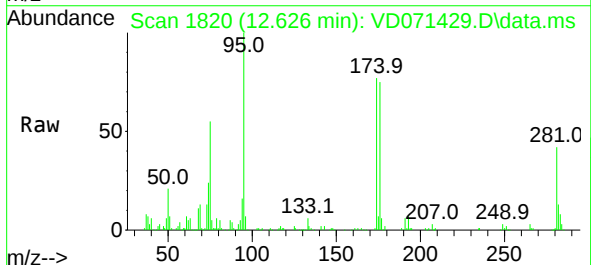
Tgt Ion:107 Resp: 6416
Ion Ratio Lower Upper
107 100
109 94.3 74.6 112.0

Manual Integrations
APPROVED

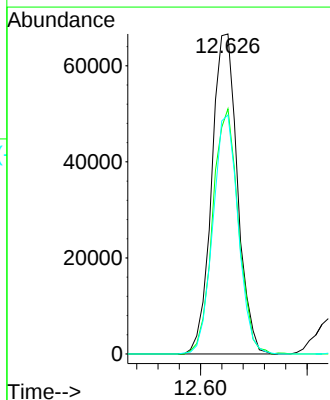
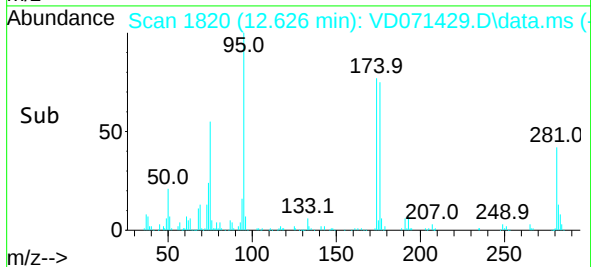
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

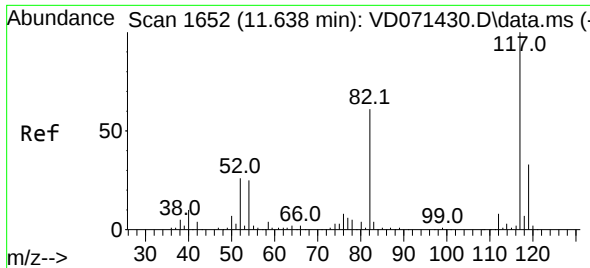


#62
4-Bromofluorobenzene
Concen: 24.097 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



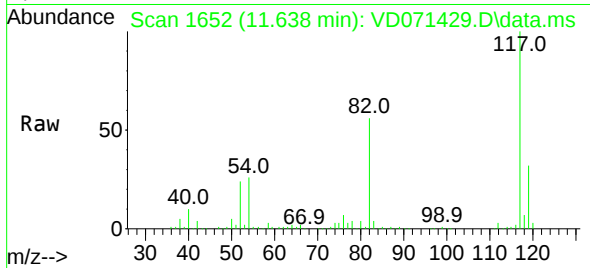
Tgt Ion: 95 Resp: 111924
Ion Ratio Lower Upper
95 100
174 76.2 0.0 159.4
176 73.2 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

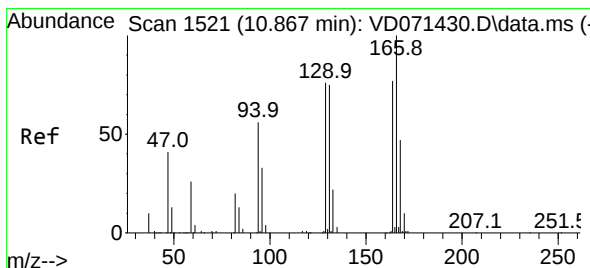
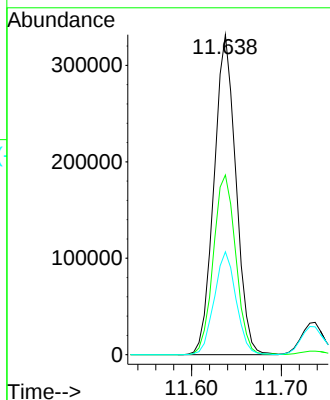
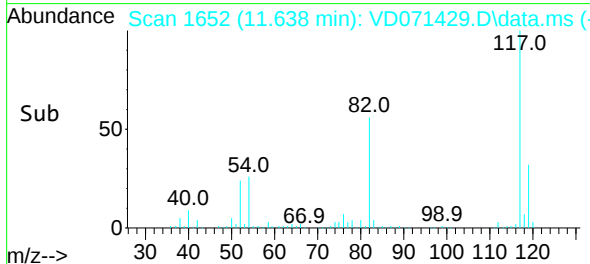
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



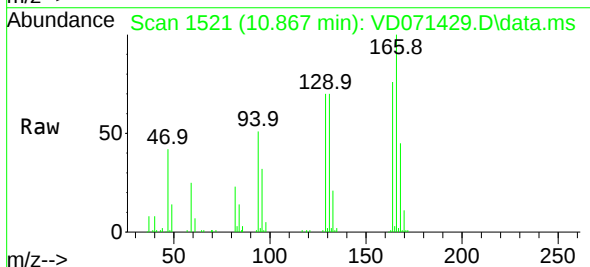
Tgt Ion:117 Resp: 56233
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 32.1 26.2 39.4

Manual Integrations
APPROVED

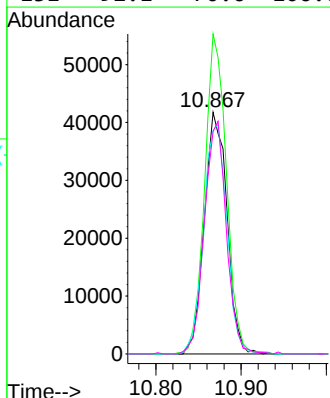
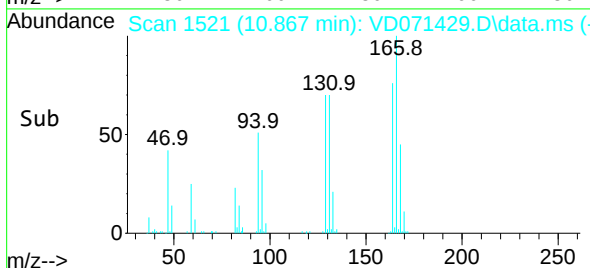
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

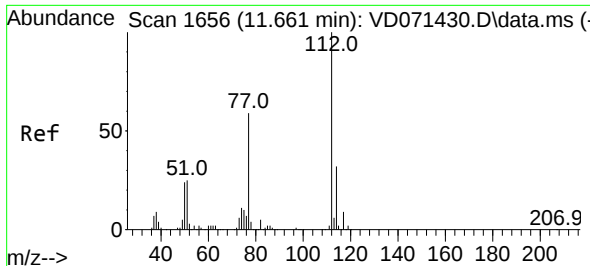


#64
Tetrachloroethene
Concen: 23.931 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



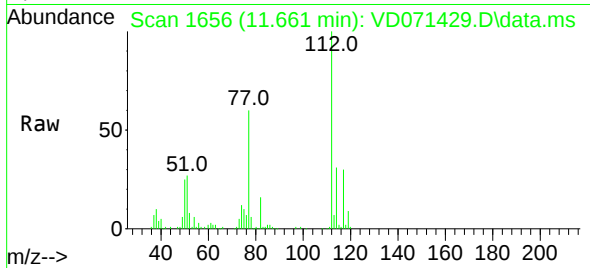
Tgt Ion:164 Resp: 77247
Ion Ratio Lower Upper
164 100
166 132.4 102.6 153.8
129 92.5 75.4 113.0
131 92.1 70.6 106.0





#65
Chlorobenzene
Concen: 24.130 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

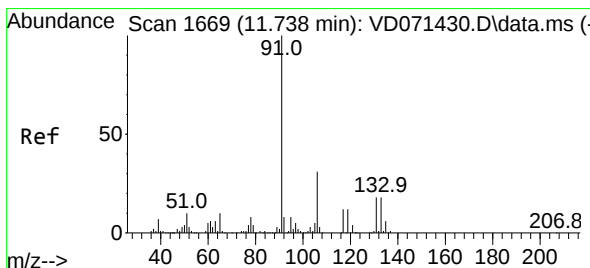
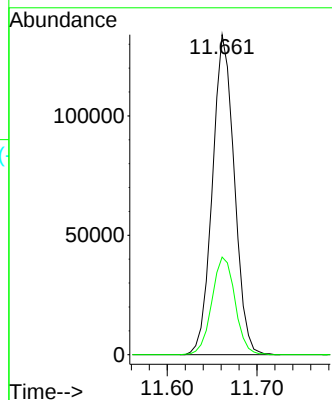
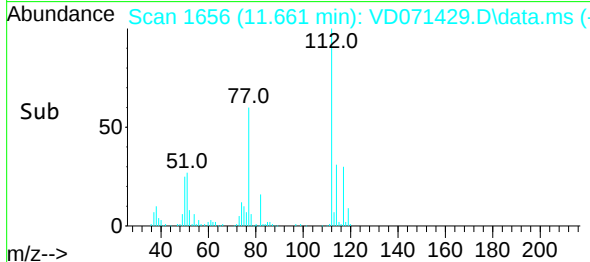
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



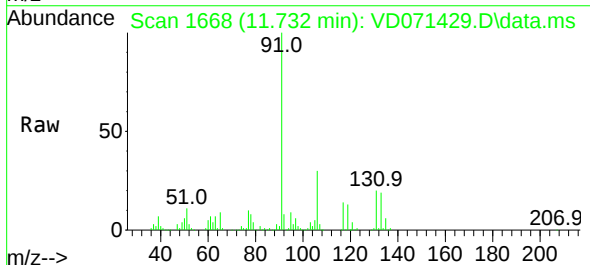
Tgt Ion:112 Resp: 22697
Ion Ratio Lower Upper
112 100
114 30.5 26.0 39.0

Manual Integrations
APPROVED

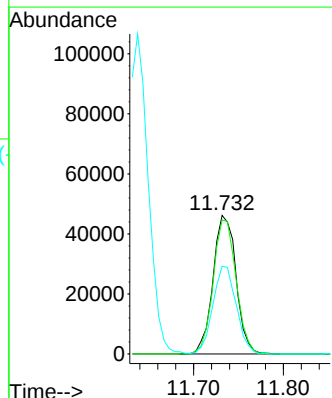
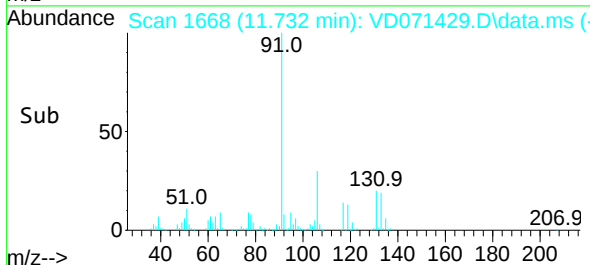
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

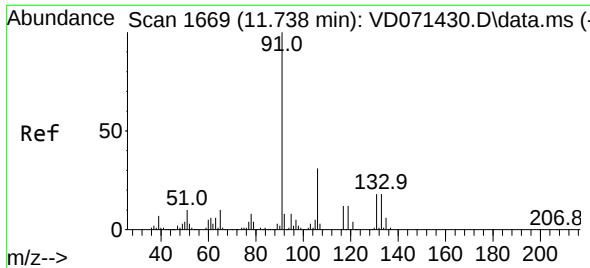


#66
1,1,1,2-Tetrachloroethane
Concen: 23.968 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



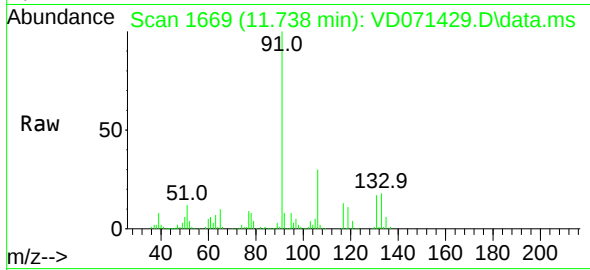
Tgt Ion:131 Resp: 82376
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 64.0 33.5 100.4





#67
Ethyl Benzene
Concen: 23.825 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

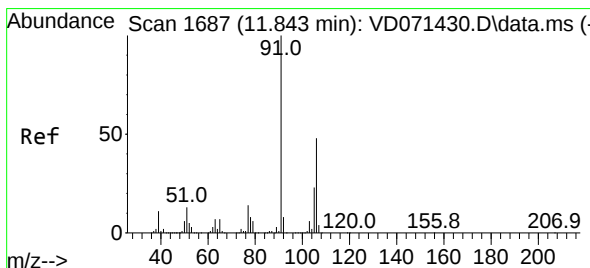
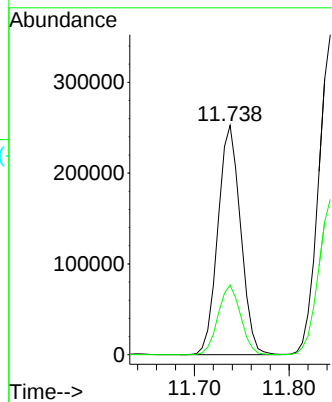
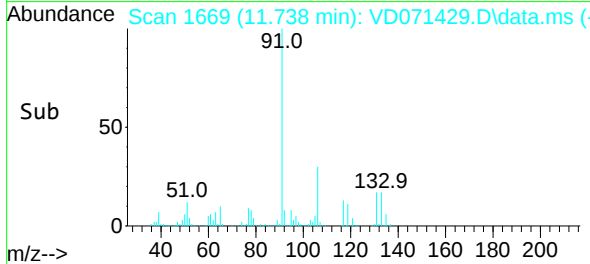
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



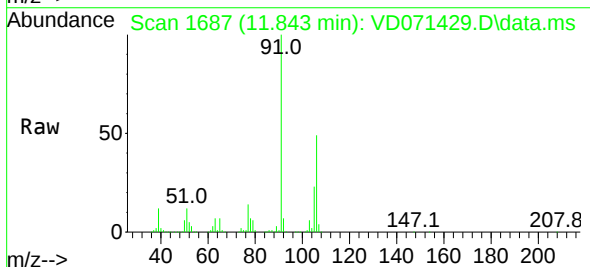
Tgt Ion: 91 Resp: 42052
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

Manual Integrations
APPROVED

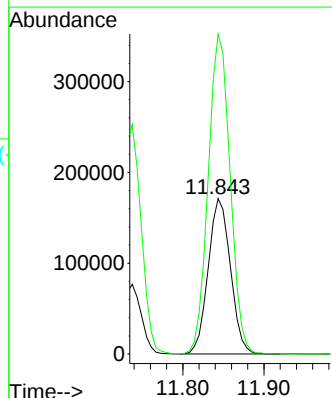
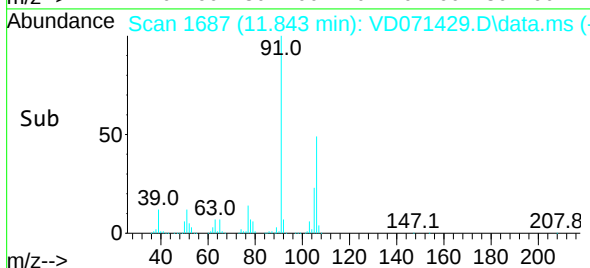
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

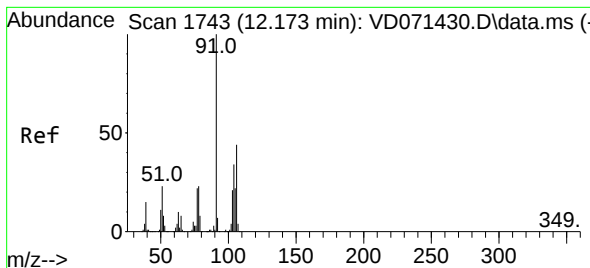


#68
m/p-Xylenes
Concen: 48.747 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



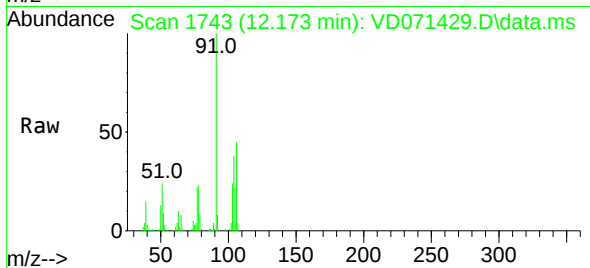
Tgt Ion:106 Resp: 325461
Ion Ratio Lower Upper
106 100
91 203.3 160.1 240.1





#69
o-Xylene
Concen: 23.559 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

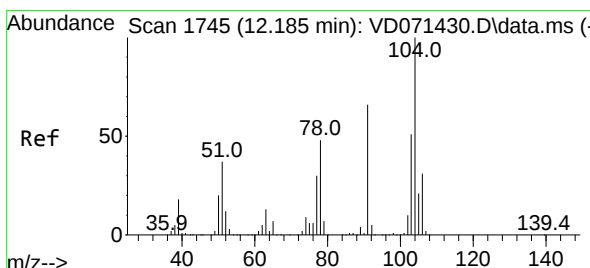
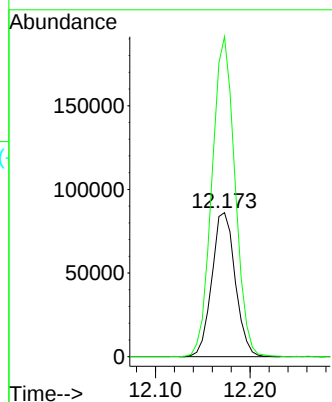
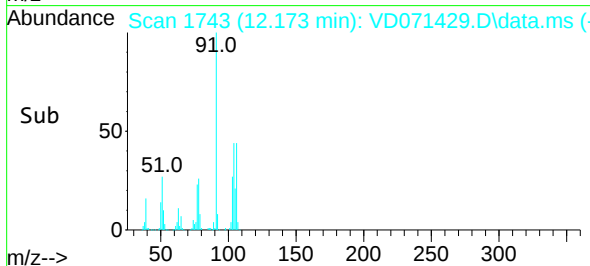
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:106 Resp: 147478
Ion Ratio Lower Upper
106 100
91 219.4 106.3 319.0

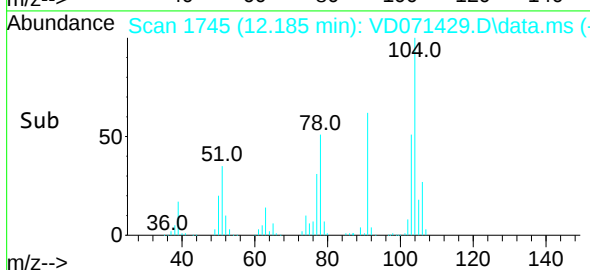
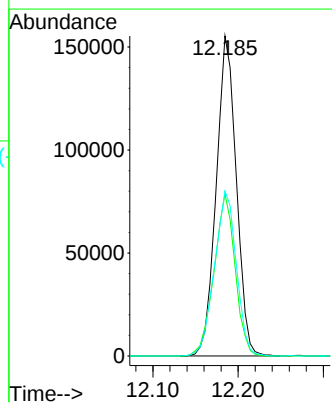
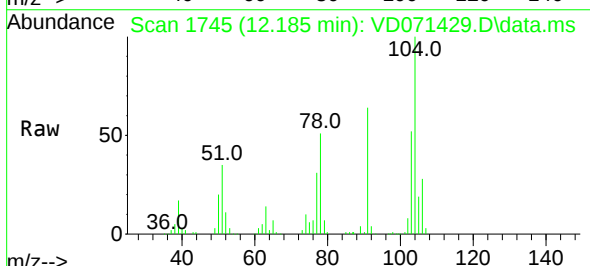
Manual Integrations
APPROVED

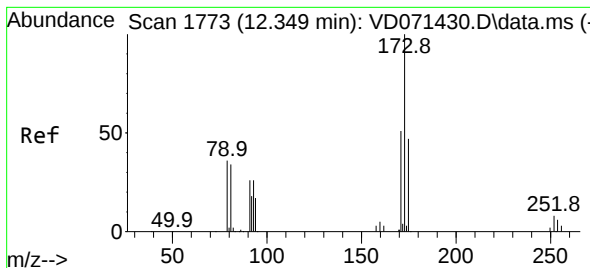
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#70
Styrene
Concen: 24.120 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion:104 Resp: 254325
Ion Ratio Lower Upper
104 100
78 52.8 39.4 59.0
103 56.1 43.4 65.0





#71

Bromoform

Concen: 26.055 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

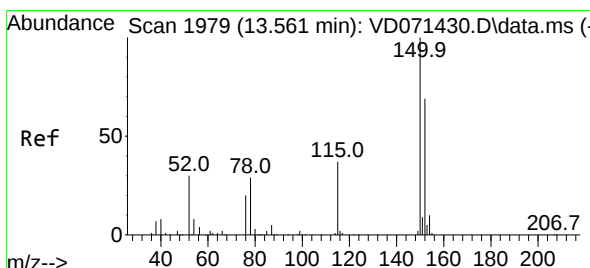
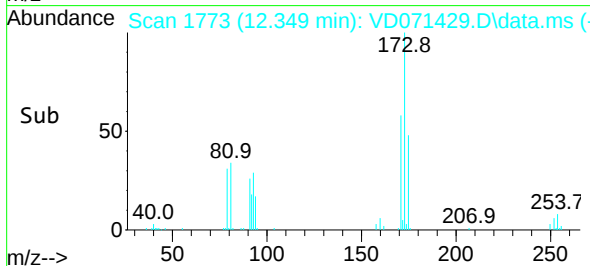
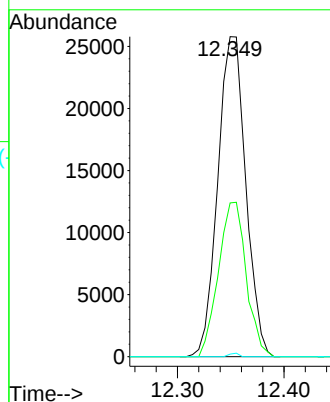
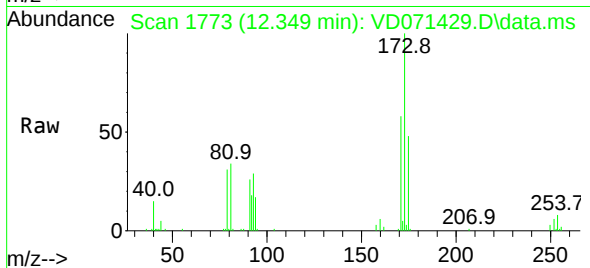
Tgt Ion:	173	Resp:	4706
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.1	72.2
254	0.4	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

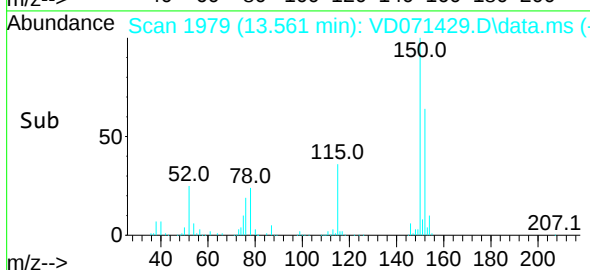
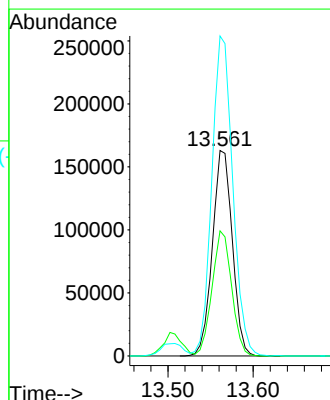
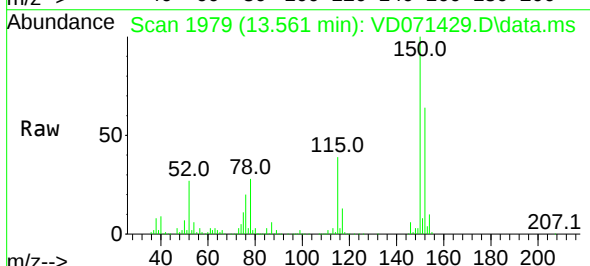
RT: 13.561 min Scan# 1979

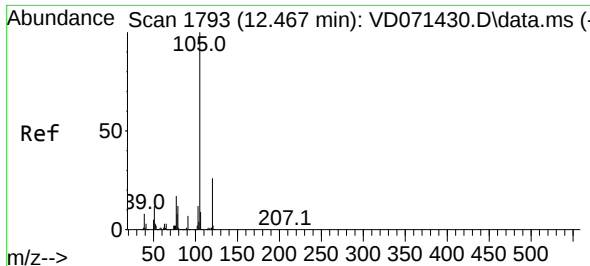
Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

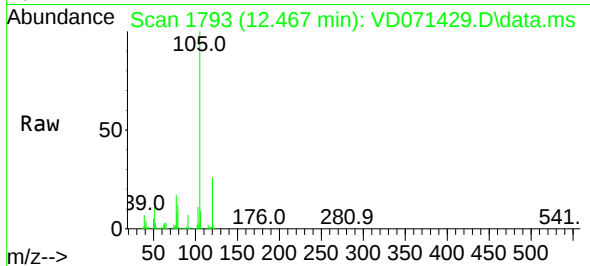
Tgt Ion:	152	Resp:	264744
Ion Ratio	Lower	Upper	
152	100		
115	59.8	29.8	89.3
150	163.5	0.0	349.2





#73
Isopropylbenzene
Concen: 23.136 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

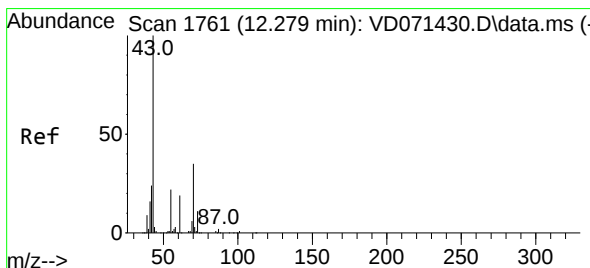
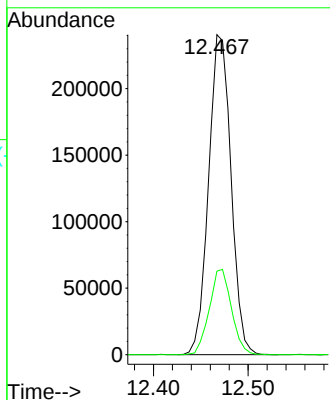
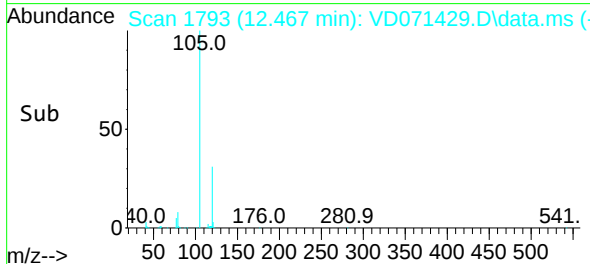
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



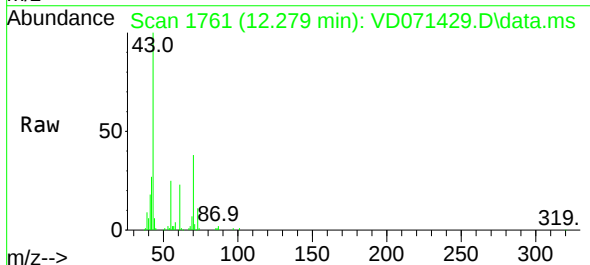
Tgt Ion:105 Resp: 396069
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

Manual Integrations
APPROVED

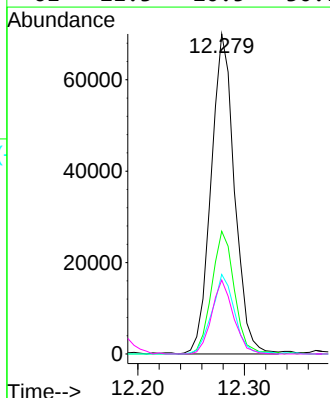
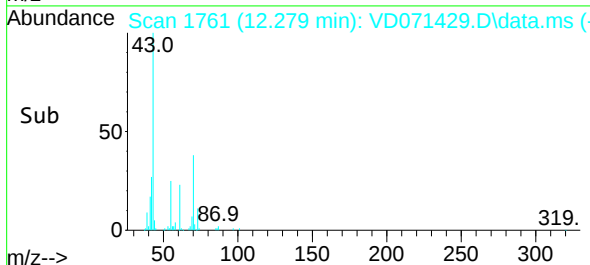
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

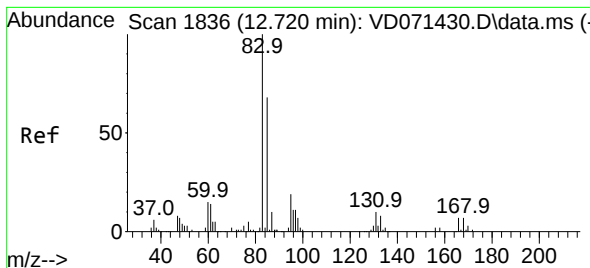


#74
N-ethyl acetate
Concen: 25.333 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



Tgt Ion: 43 Resp: 107010
Ion Ratio Lower Upper
43 100
70 36.9 36.6 55.0
55 24.1 22.5 33.7
61 21.3 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 26.062 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

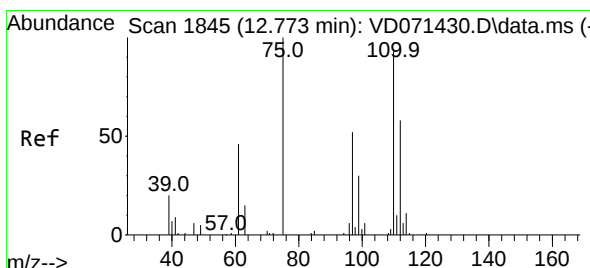
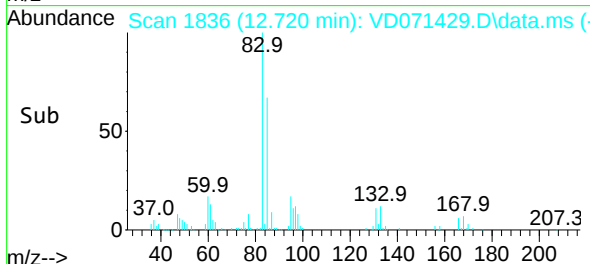
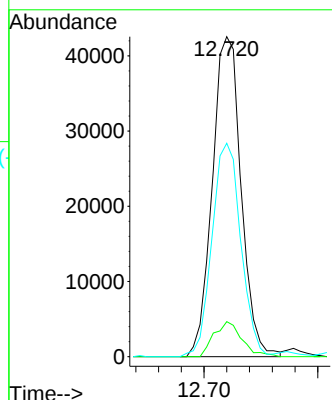
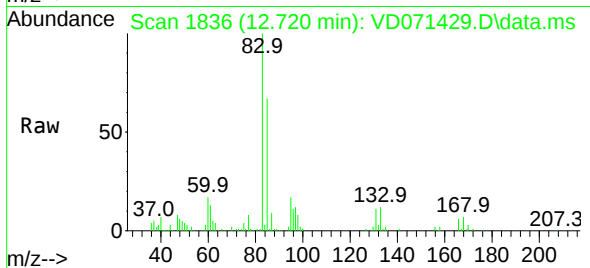
VSTDIC020

Tgt Ion:	83	Resp:	7493
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.9	14.7
85	66.8	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#76

1,2,3-Trichloropropane

Concen: 25.545 ug/l m

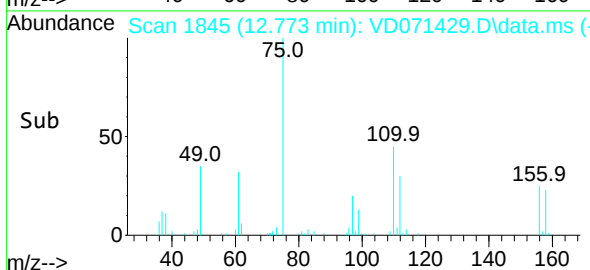
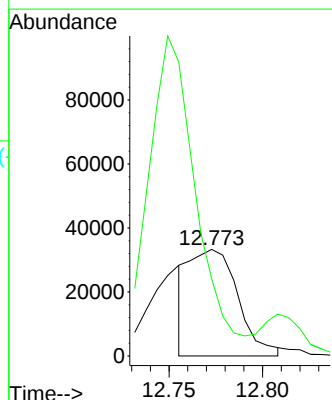
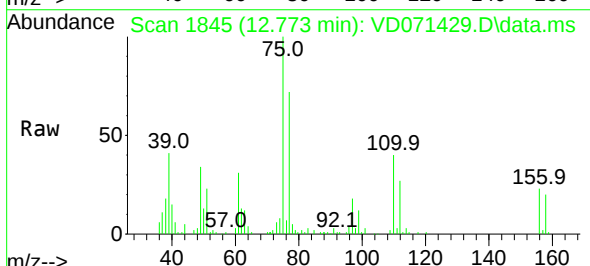
RT: 12.773 min Scan# 1845

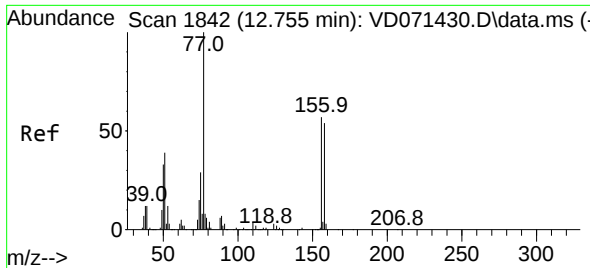
Delta R.T. 0.000 min

Lab File: VD071429.D

Acq: 22 Dec 2021 19:21

Tgt Ion:	75	Resp:	60563
Ion Ratio	Lower	Upper	
75	100		
77	0.0	158.4	475.3#





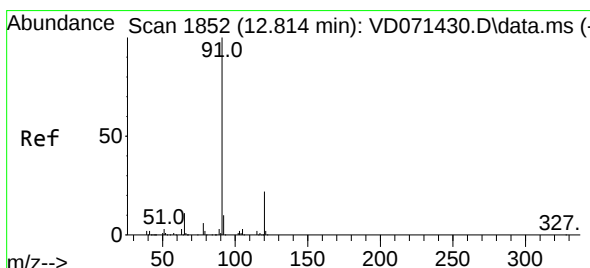
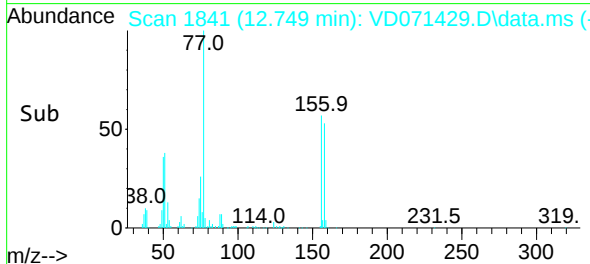
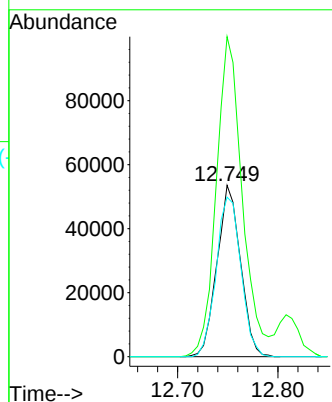
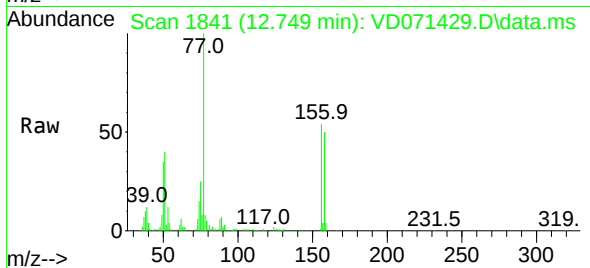
#77
Bromobenzene
Concen: 23.411 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 87340
Ion Ratio Lower Upper
156 100
77 205.1 96.6 289.8
158 98.1 49.1 147.4

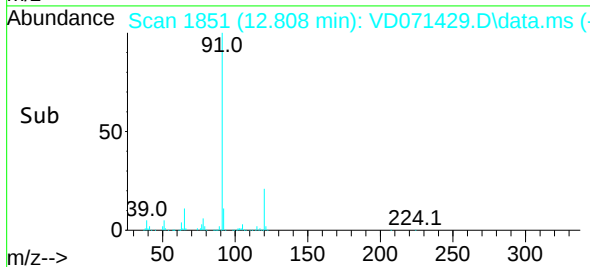
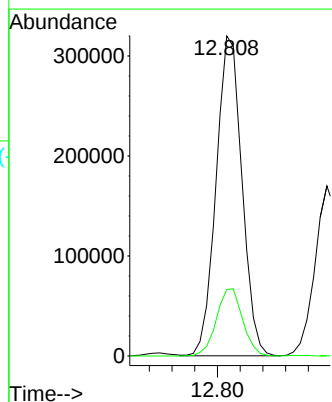
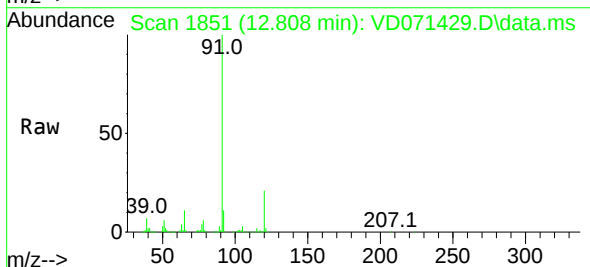
Manual Integrations
APPROVED

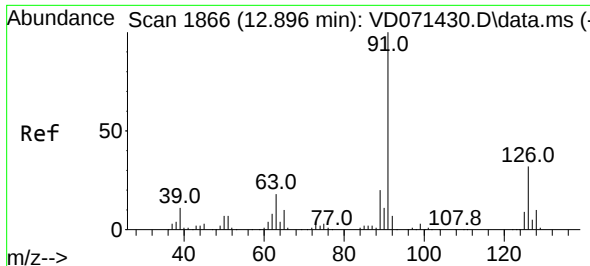
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#78
n-propylbenzene
Concen: 23.636 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion: 91 Resp: 504594
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.9





#79
2-Chlorotoluene
Concen: 23.016 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :

MSVOA_D

ClientSampleId :

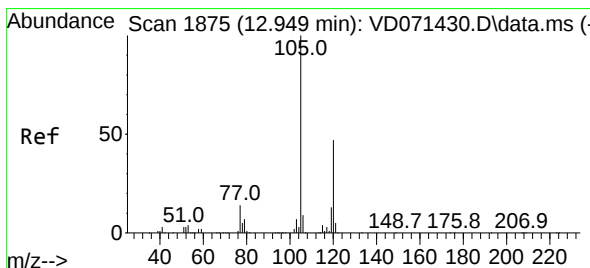
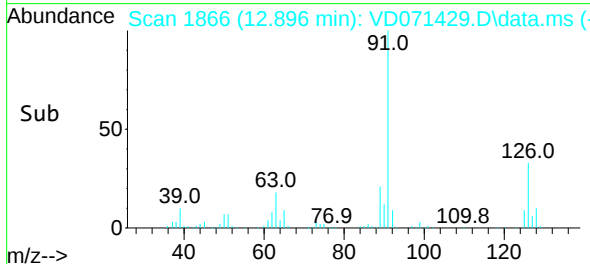
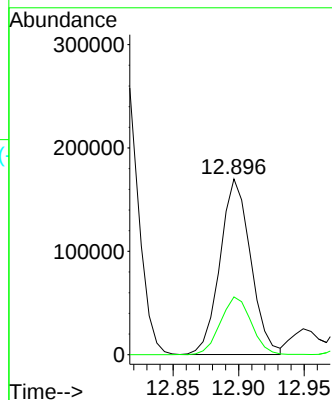
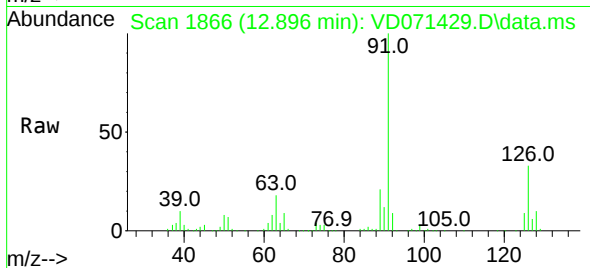
VSTDICC020

Tgt Ion: 91 Resp: 276199
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

Manual Integrations

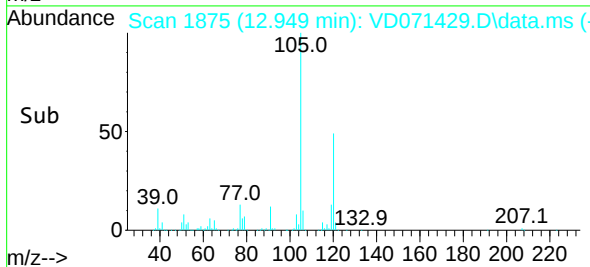
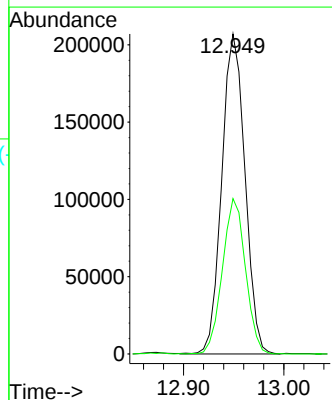
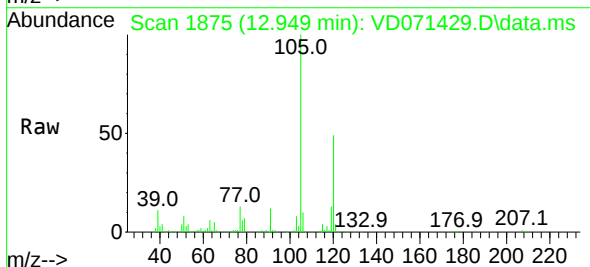
APPROVED

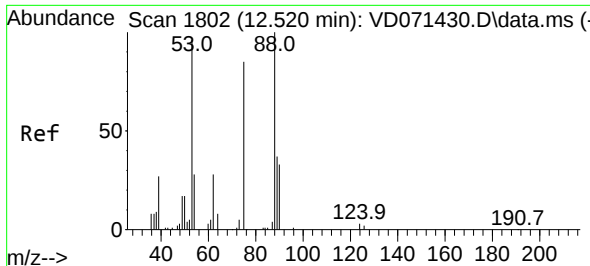
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#80
1,3,5-Trimethylbenzene
Concen: 23.515 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion:105 Resp: 331882
Ion Ratio Lower Upper
105 100
120 48.3 24.6 73.8





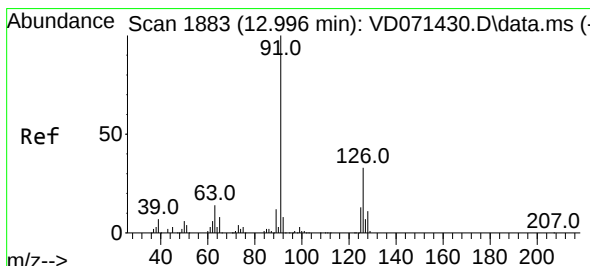
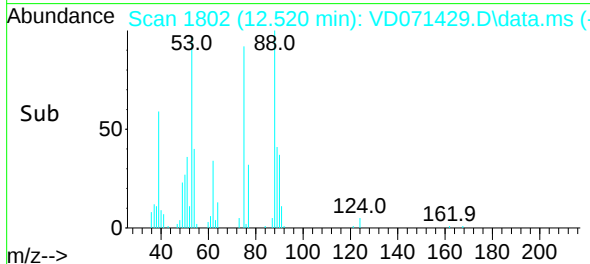
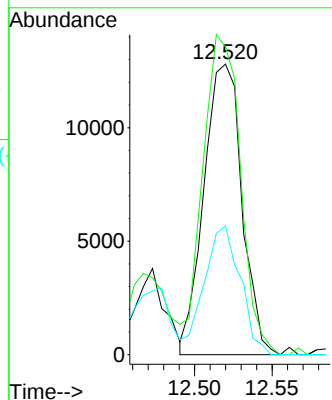
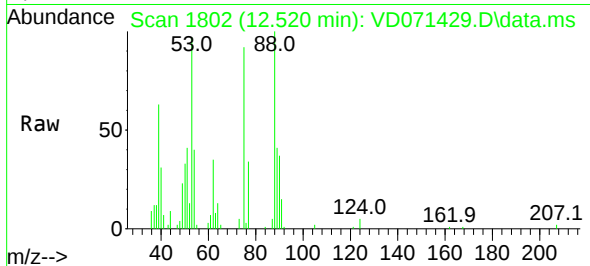
#81
trans-1,4-Dichloro-2-butene
Concen: 25.122 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2181
Ion Ratio Lower Upper
75 100
53 108.6 62.6 94.0
89 42.1 34.5 51.7

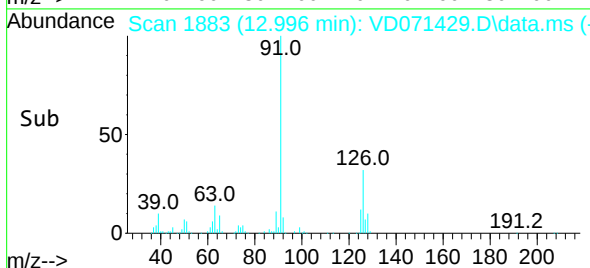
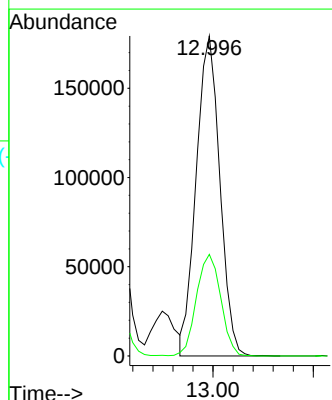
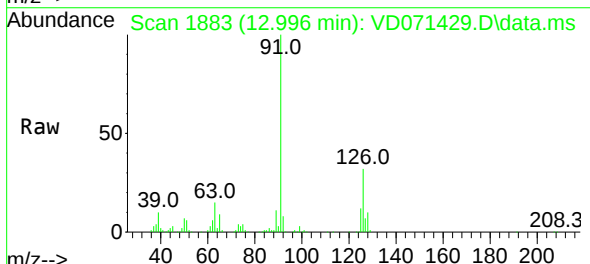
Manual Integrations
APPROVED

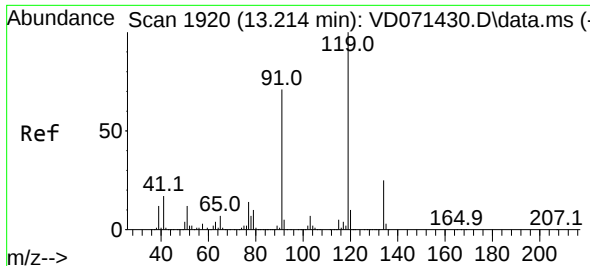
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#82
4-Chlorotoluene
Concen: 23.532 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion: 91 Resp: 293516
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1





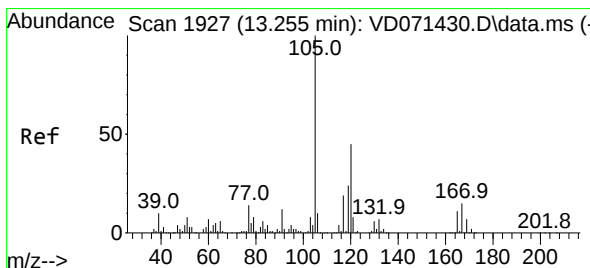
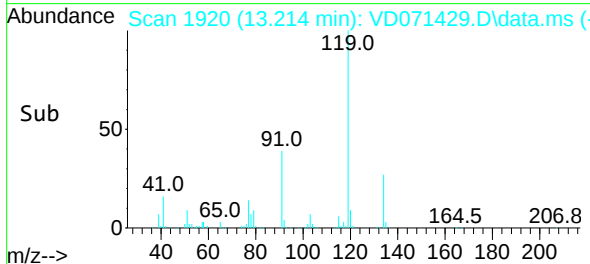
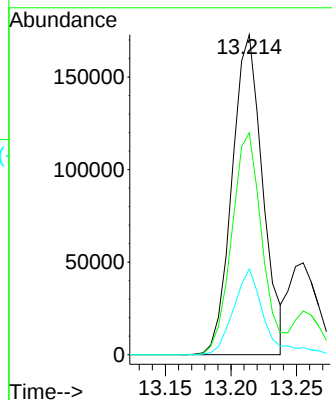
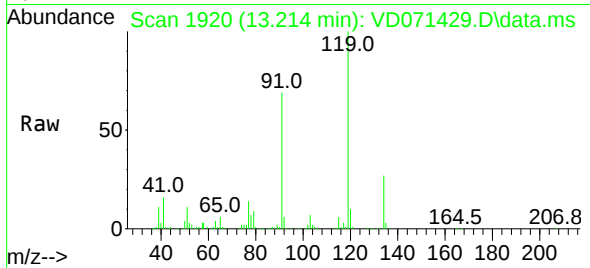
#83
tert-Butylbenzene
Concen: 23.217 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 28148
Ion Ratio Lower Upper
119 100
91 69.2 32.5 97.5
134 26.7 13.2 39.6

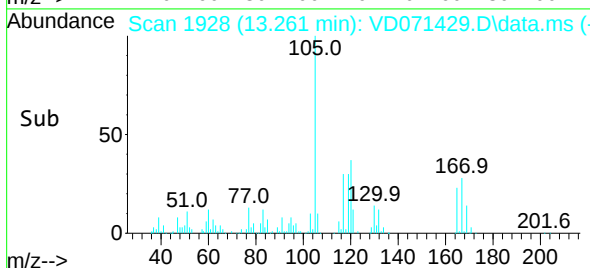
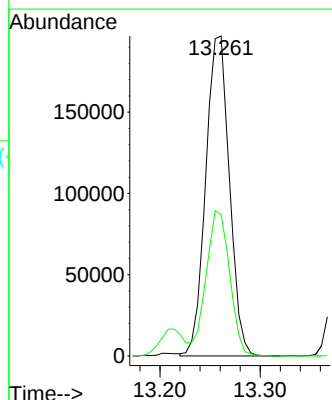
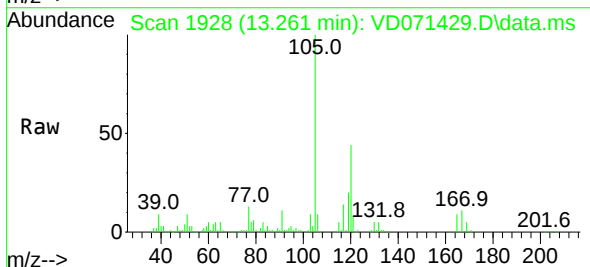
Manual Integrations
APPROVED

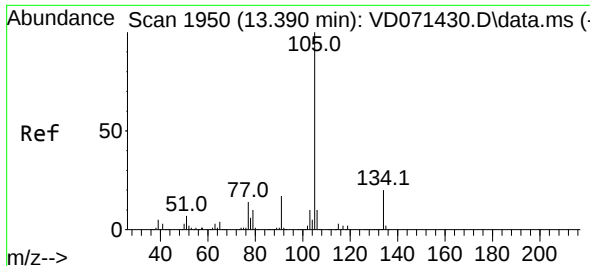
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#84
1,2,4-Trimethylbenzene
Concen: 23.510 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

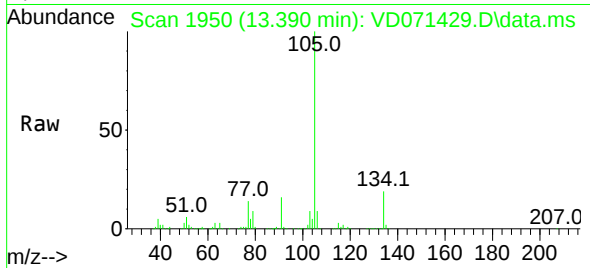
Tgt Ion:105 Resp: 323772
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 23.347 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071429.D
 Acq: 22 Dec 2021 19:21

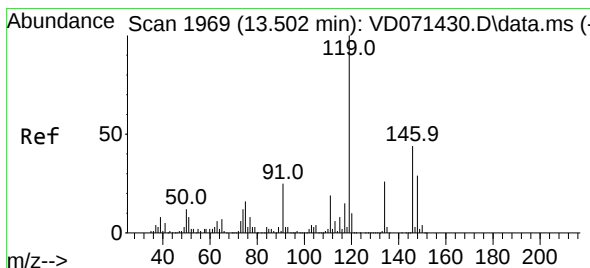
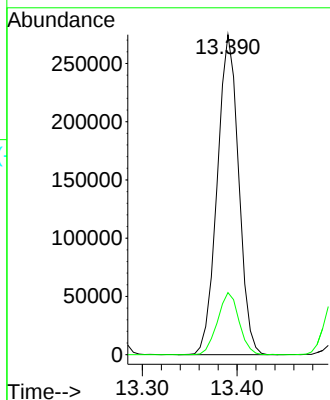
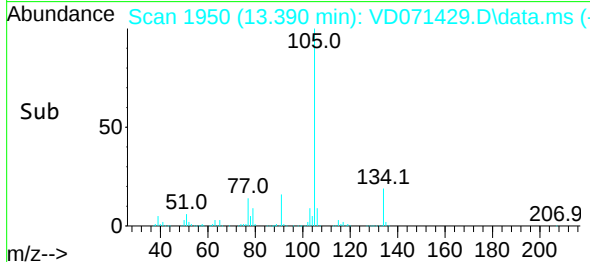
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



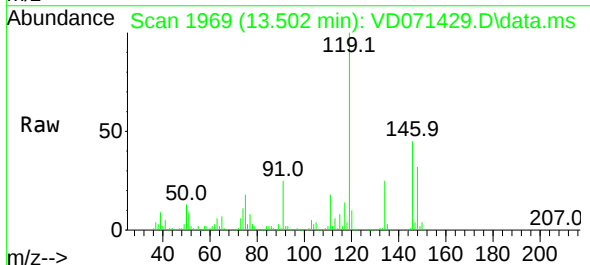
Tgt Ion:105 Resp: 432148
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

Manual Integrations
 APPROVED

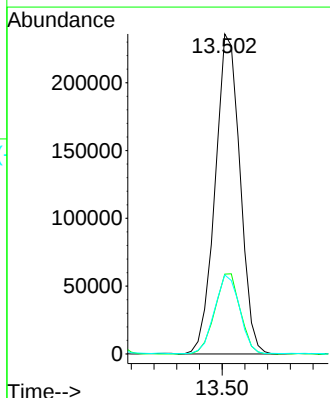
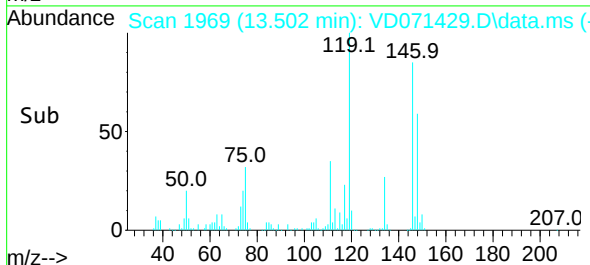
Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

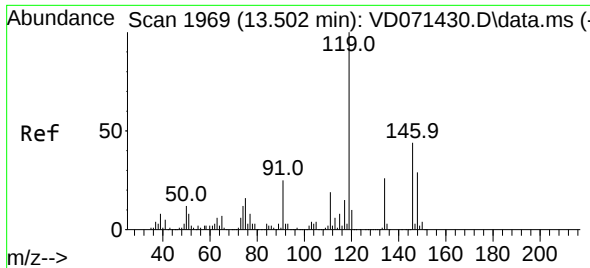


#86
 p-Isopropyltoluene
 Concen: 23.699 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071429.D
 Acq: 22 Dec 2021 19:21



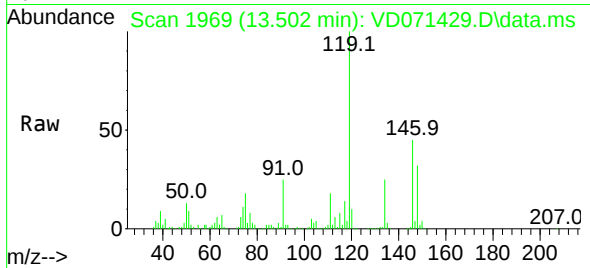
Tgt Ion:119 Resp: 358599
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 24.8 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 24.342 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

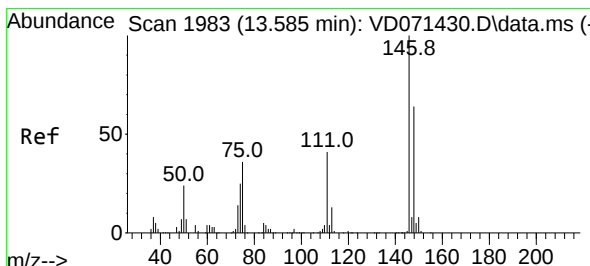
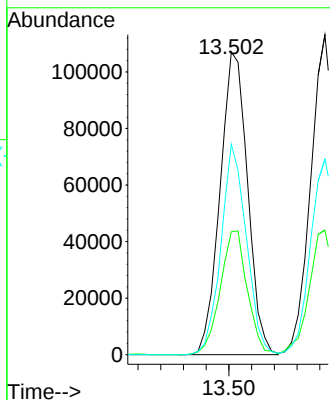
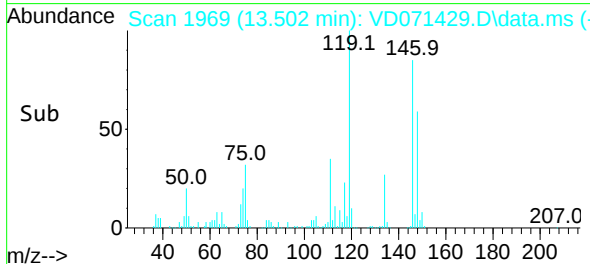
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



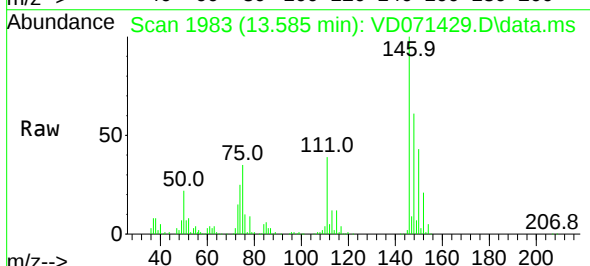
Tgt Ion:146 Resp: 180372
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 64.1 32.1 96.3

Manual Integrations
APPROVED

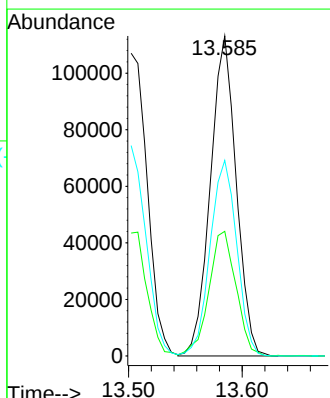
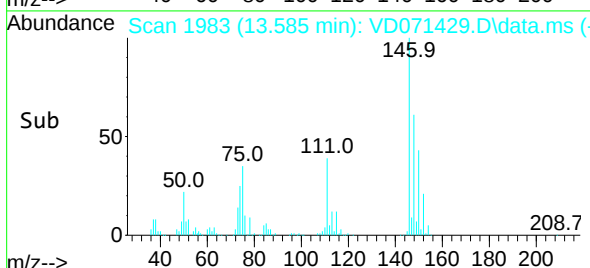
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

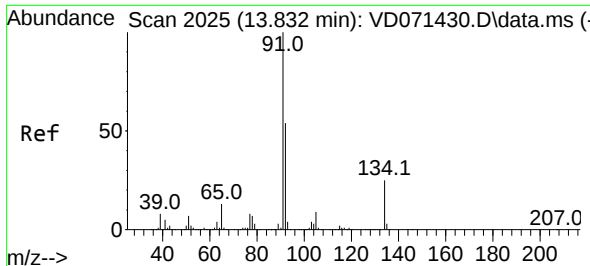


#88
1,4-Dichlorobenzene
Concen: 24.320 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



Tgt Ion:146 Resp: 179273
Ion Ratio Lower Upper
146 100
111 40.9 19.6 58.8
148 63.0 31.5 94.5





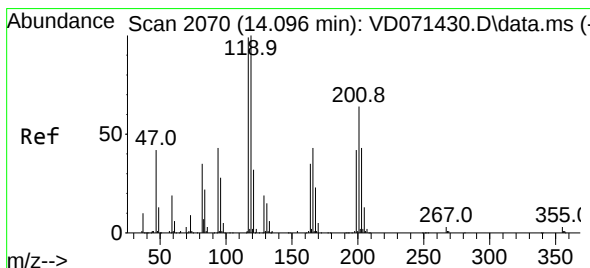
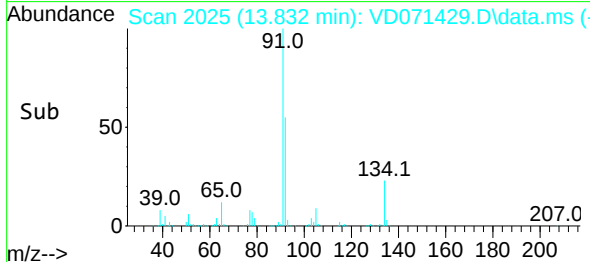
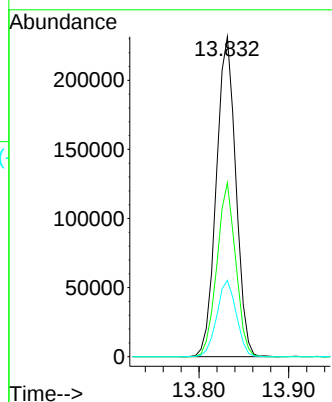
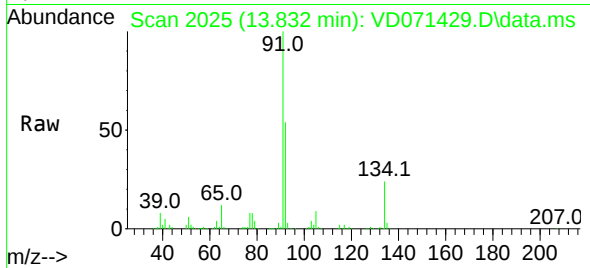
#89
n-Butylbenzene
Concen: 23.706 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 34918
Ion Ratio Lower Upper
91 100
92 52.3 27.3 81.9
134 23.9 12.3 36.9

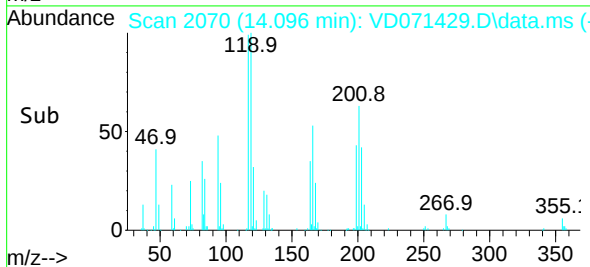
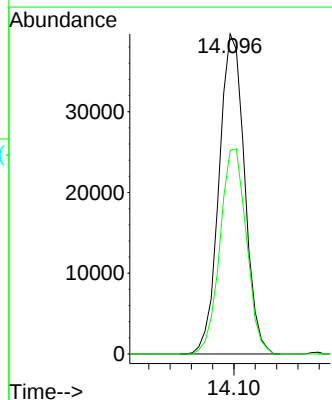
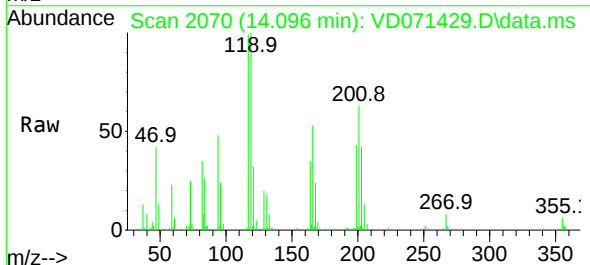
Manual Integrations
APPROVED

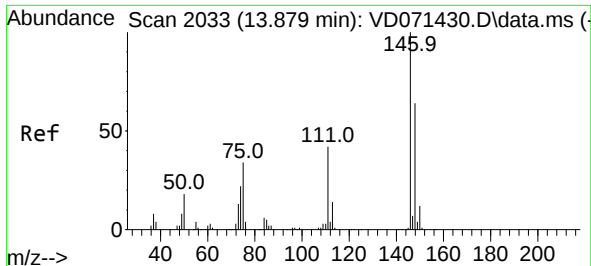
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#90
Hexachloroethane
Concen: 22.986 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion:117 Resp: 65674
Ion Ratio Lower Upper
117 100
201 66.7 36.0 108.1





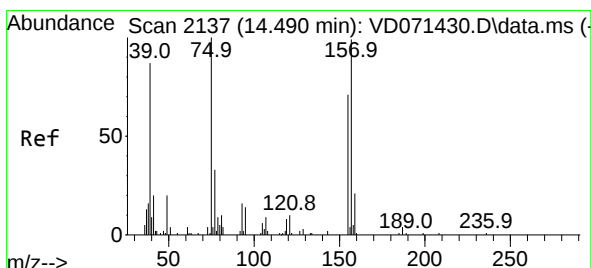
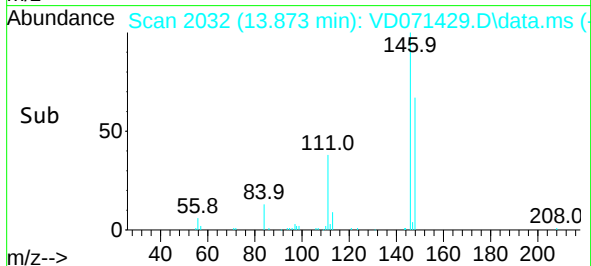
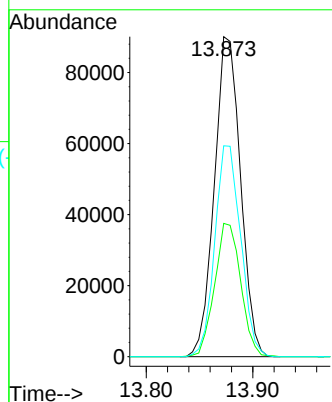
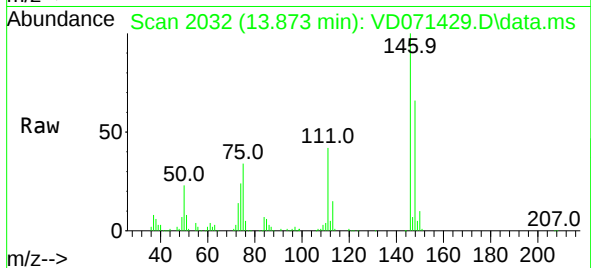
#91
1,2-Dichlorobenzene
Concen: 24.328 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 153880
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 65.2 31.7 95.1

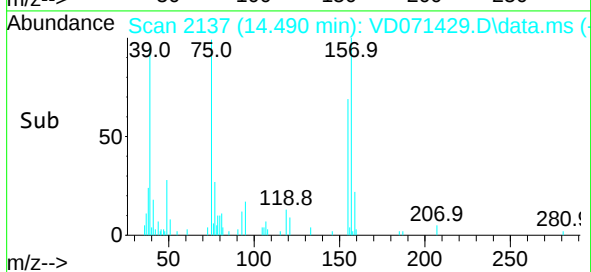
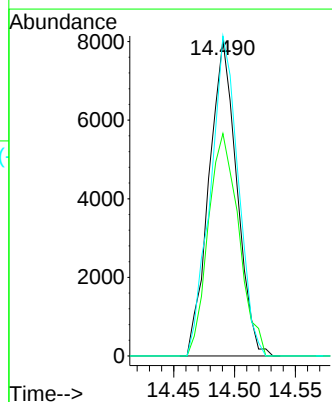
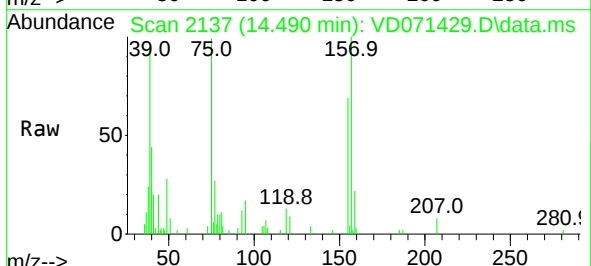
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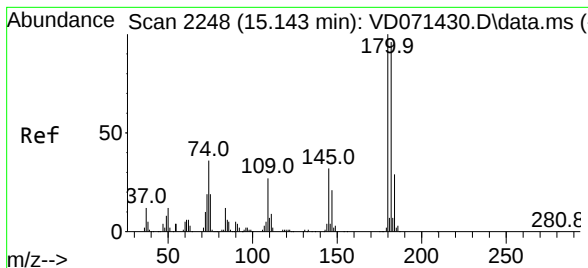
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 26.915 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

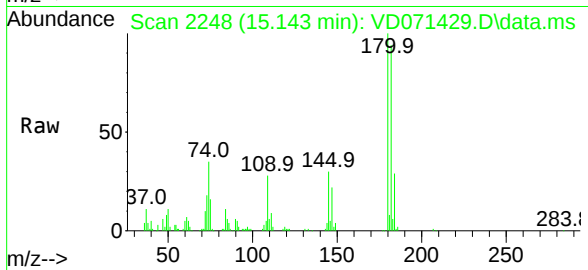
Tgt Ion: 75 Resp: 12777
Ion Ratio Lower Upper
75 100
155 77.1 40.0 120.0
157 101.4 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 23.941 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

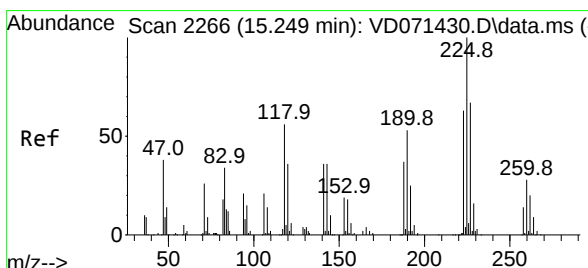
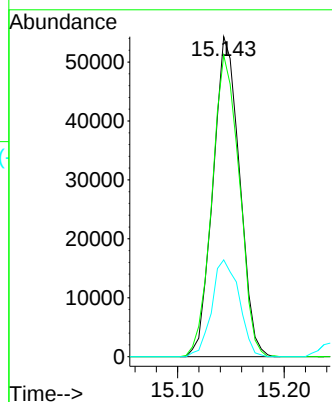
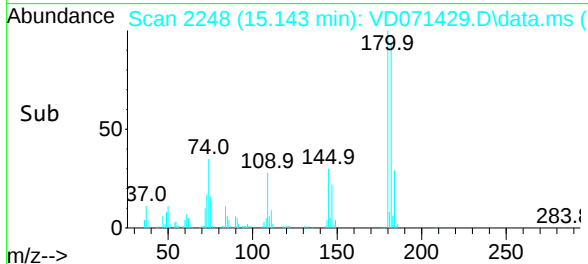
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



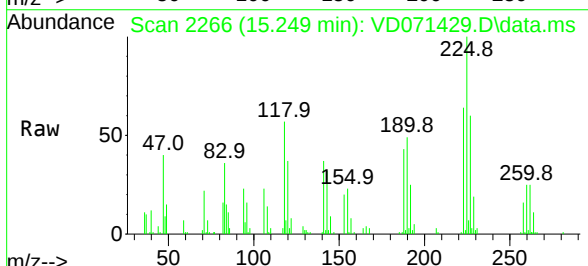
Tgt Ion:180 Resp: 93880
Ion Ratio Lower Upper
180 100
182 96.9 48.2 144.6
145 31.1 15.4 46.2

Manual Integrations
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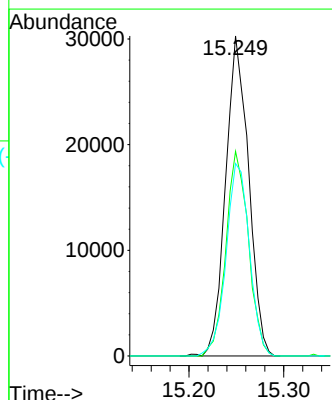
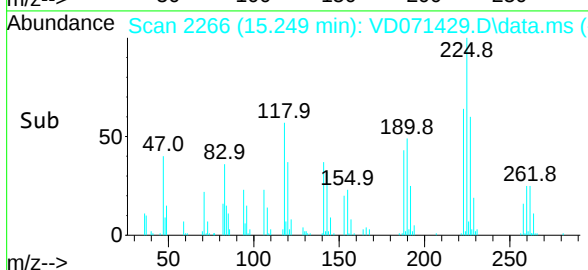
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

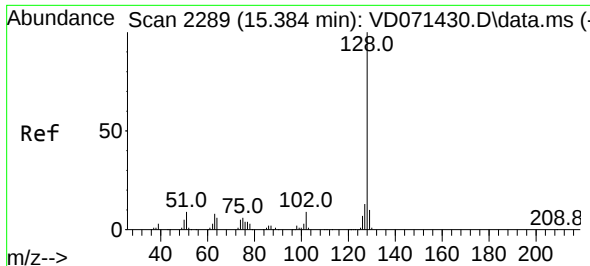


#94
Hexachlorobutadiene
Concen: 23.114 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21



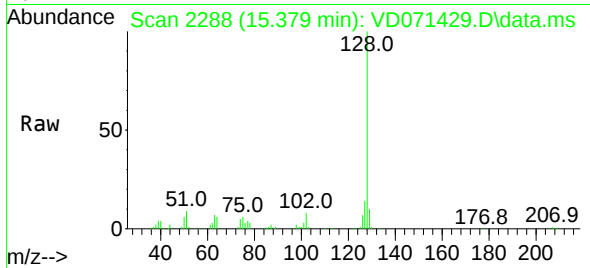
Tgt Ion:225 Resp: 50977
Ion Ratio Lower Upper
225 100
223 62.9 31.8 95.3
227 61.2 31.6 94.8





#95
Naphthalene
Concen: 25.837 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

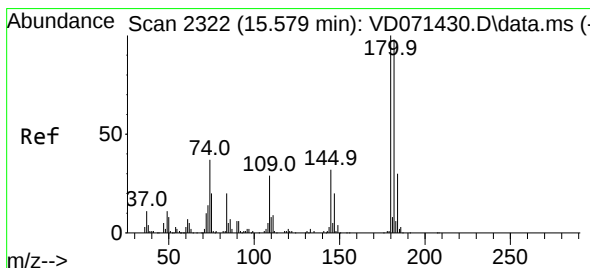
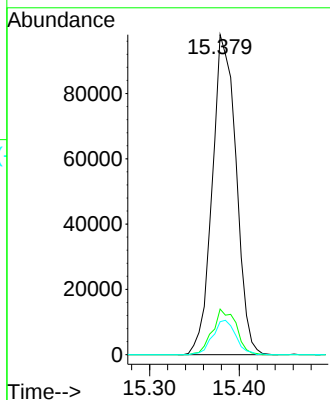
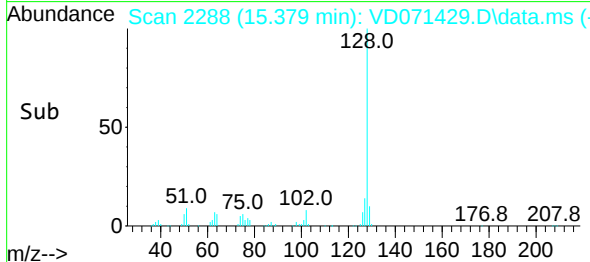
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 180920
Ion Ratio Lower Upper
128 100
127 14.2 10.7 16.1
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#96
1,2,3-Trichlorobenzene
Concen: 24.329 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD071429.D
Acq: 22 Dec 2021 19:21

Tgt Ion:180 Resp: 81244
Ion Ratio Lower Upper
180 100
182 96.3 46.7 140.1
145 35.1 15.9 47.6

