

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122221\
 Data File : VD071428.D
 Acq On : 22 Dec 2021 18:53
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 07:17:23 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	7.979	168	362580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	611901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	560558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	255580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	45755	11.593	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	23.180%#		
35) Dibromofluoromethane	7.914	113	39981	11.238	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.480%#		
50) Toluene-d8	10.332	98	148402	10.947	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	21.900%#		
62) 4-Bromofluorobenzene	12.626	95	53566	11.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	22.760%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	41351	14.395	ug/l	95
3) Chloromethane	2.209	50	51912	13.732	ug/l	100
4) Vinyl Chloride	2.350	62	61044	14.456	ug/l	97
5) Bromomethane	2.768	94	43834	14.409	ug/l	92
6) Chloroethane	2.920	64	42593	14.817	ug/l	88
7) Trichlorofluoromethane	3.273	101	73819	13.077	ug/l	86
8) Diethyl Ether	3.715	74	20770	13.496	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	45507	13.722	ug/l	95
10) Methyl Iodide	4.291	142	36533	11.188	ug/l	95
11) Tert butyl alcohol	5.191	59	29213	63.628	ug/l #	76
12) 1,1-Dichloroethene	4.067	96	38867	12.675	ug/l #	74
13) Acrolein	3.920	56	10894	40.952	ug/l	100
14) Allyl chloride	4.715	41	73554	12.701	ug/l #	81
15) Acrylonitrile	5.409	53	49329	65.342	ug/l	96
16) Acetone	4.162	43	53364	57.391	ug/l #	83
17) Carbon Disulfide	4.409	76	135911	14.910	ug/l	99
18) Methyl Acetate	4.715	43	36494	12.492	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	94799	12.539	ug/l	99
20) Methylene Chloride	4.962	84	68599	13.624	ug/l #	86
21) trans-1,2-Dichloroethene	5.473	96	46193	13.399	ug/l #	84
22) Diisopropyl ether	6.361	45	146596	12.610	ug/l #	89
23) Vinyl Acetate	6.303	43	354551	63.935	ug/l	97
24) 1,1-Dichloroethane	6.261	63	88582	13.284	ug/l	95
25) 2-Butanone	7.208	43	67098	62.464	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	70133	11.652	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	48034	12.386	ug/l	90
28) Bromochloromethane	7.544	49	33240	11.481	ug/l	92
29) Tetrahydrofuran	7.556	42	42593	67.481	ug/l	94
30) Chloroform	7.708	83	86258	12.847	ug/l	100
31) Cyclohexane	7.985	56	90305	13.610	ug/l #	89
32) 1,1,1-Trichloroethane	7.903	97	75920	12.667	ug/l #	93
36) 1,1-Dichloropropene	8.114	75	70634	13.585	ug/l	96
37) Ethyl Acetate	7.291	43	30187	13.066	ug/l #	94
38) Carbon Tetrachloride	8.091	117	66851	13.084	ug/l	98
39) Methylcyclohexane	9.350	83	81201	13.002	ug/l	98
40) Benzene	8.350	78	187557	13.289	ug/l	98

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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)
41) Methacrylonitrile	7.520	41	16871	12.317	ug/l #	79
42) 1,2-Dichloroethane	8.420	62	58696	13.471	ug/l	94
43) Isopropyl Acetate	8.450	43	58536	13.030	ug/l #	89
44) Trichloroethene	9.114	130	48243	12.867	ug/l	100
45) 1,2-Dichloropropane	9.379	63	46974	12.702	ug/l	93
46) Dibromomethane	9.467	93	25453	13.087	ug/l	93
47) Bromodichloromethane	9.655	83	66294	12.998	ug/l	98
48) Methyl methacrylate	9.450	41	27879	12.498	ug/l #	84
49) 1,4-Dioxane	9.455	88	5803	301.856	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	150526	66.045	ug/l	90
52) Toluene	10.397	92	115660	12.953	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	57358	12.275	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	71718	12.935	ug/l #	86
55) 1,1,2-Trichloroethane	10.797	97	32011	12.540	ug/l	97
56) Ethyl methacrylate	10.655	69	39017	12.109	ug/l #	70
57) 1,3-Dichloropropane	10.938	76	59669	13.362	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	89233	51.048	ug/l	98
59) 2-Hexanone	10.979	43	101757	61.362	ug/l	85
60) Dibromochloromethane	11.132	129	39058	12.330	ug/l	94
61) 1,2-Dibromoethane	11.238	107	31459	12.814	ug/l	98
64) Tetrachloroethene	10.867	164	42007	13.055	ug/l	96
65) Chlorobenzene	11.661	112	120341	12.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	41563	12.132	ug/l	97
67) Ethyl Benzene	11.738	91	216894	12.327	ug/l	99
68) m/p-Xylenes	11.844	106	166147	24.964	ug/l	98
69) o-Xylene	12.173	106	73349	11.754	ug/l	95
70) Styrene	12.185	104	128120	12.189	ug/l	99
71) Bromoform	12.349	173	21668	12.034	ug/l #	97
73) Isopropylbenzene	12.467	105	205776	12.451	ug/l	98
74) N-amyl acetate	12.279	43	49684	12.183	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	37746	13.599	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	31458m	13.745	ug/l	
77) Bromobenzene	12.749	156	46995	13.049	ug/l	96
78) n-propylbenzene	12.808	91	262523	12.738	ug/l	98
79) 2-Chlorotoluene	12.896	91	144084	12.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	167208	12.272	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	9786	11.673	ug/l #	69
82) 4-Chlorotoluene	12.996	91	147047	12.212	ug/l	100
83) tert-Butylbenzene	13.214	119	143011	12.219	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	164435	12.368	ug/l	98
85) sec-Butylbenzene	13.391	105	220873	12.361	ug/l	98
86) p-Isopropyltoluene	13.502	119	178747	12.236	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	92906	12.987	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	91455	12.852	ug/l	96
89) n-Butylbenzene	13.832	91	177124	12.456	ug/l	96
90) Hexachloroethane	14.102	117	35654	12.926	ug/l	88
91) 1,2-Dichlorobenzene	13.879	146	77007	12.611	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5673	12.379	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	48271	12.751	ug/l	94
94) Hexachlorobutadiene	15.249	225	25679	12.061	ug/l	96
95) Naphthalene	15.385	128	81023	11.985	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	40807	12.658	ug/l	98

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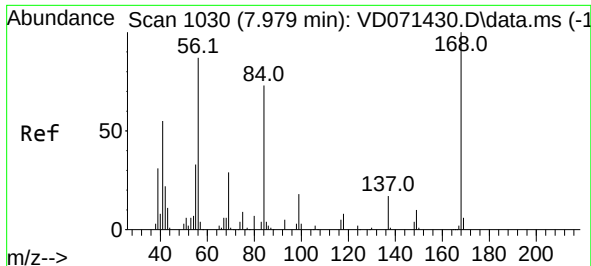
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/28/2021

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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

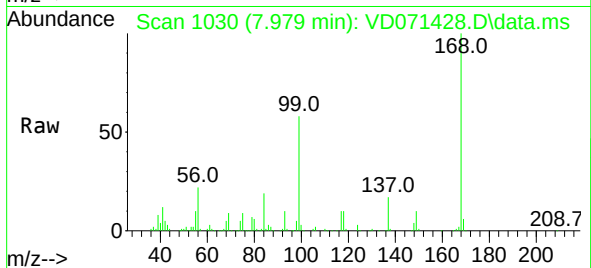
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071428.D
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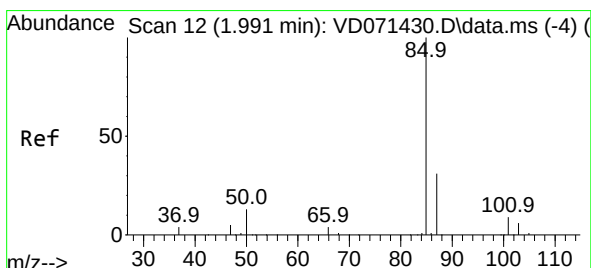
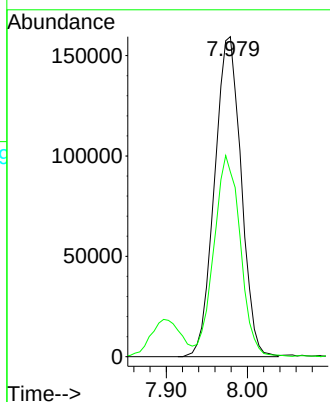
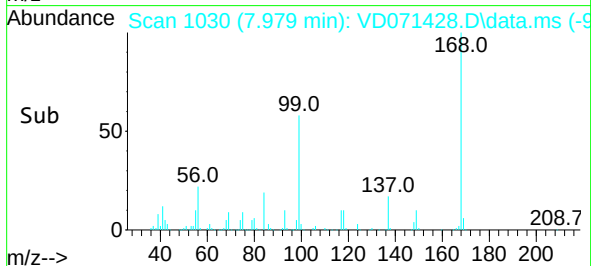
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 362580
Ion Ratio Lower Upper
168 100
99 57.2 46.6 69.8

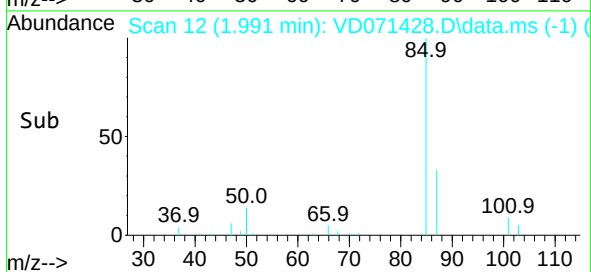
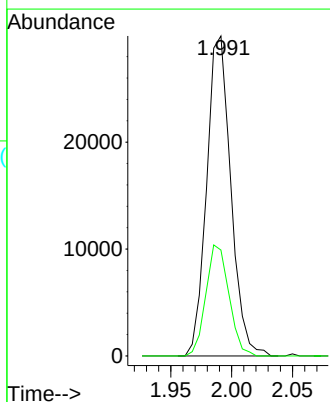
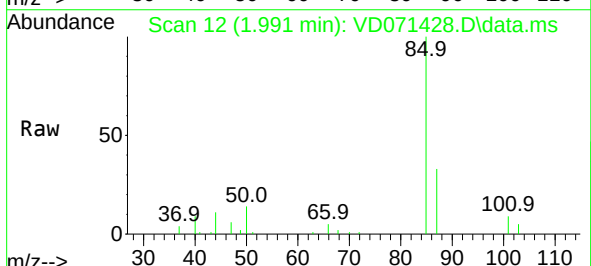
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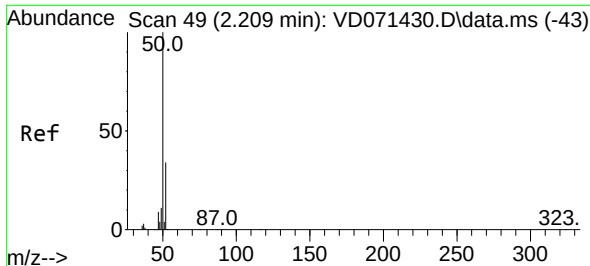
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#2
Dichlorodifluoromethane
Concen: 14.395 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion: 85 Resp: 41351
Ion Ratio Lower Upper
85 100
87 33.1 15.2 45.6





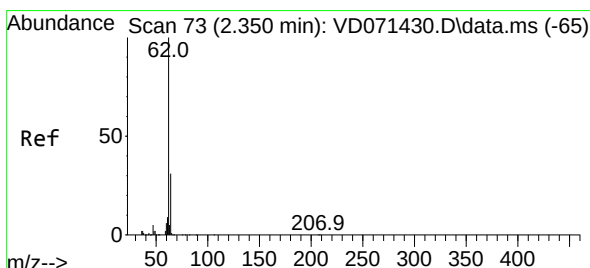
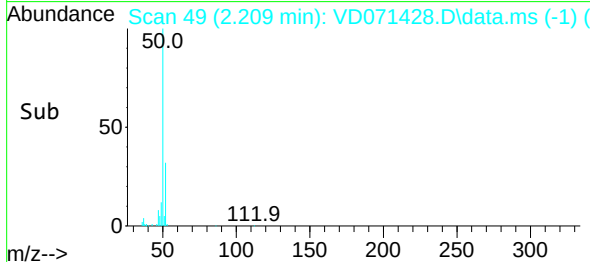
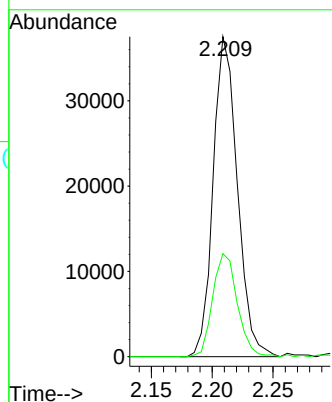
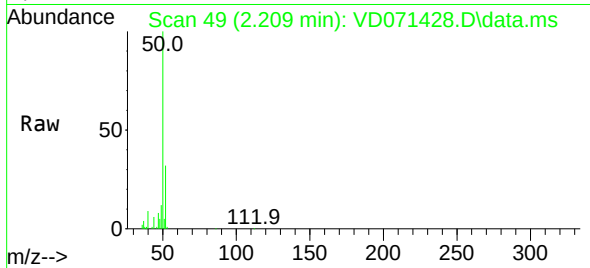
#3
Chloromethane
Concen: 13.732 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
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Tgt Ion: 50 Resp: 51912
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8

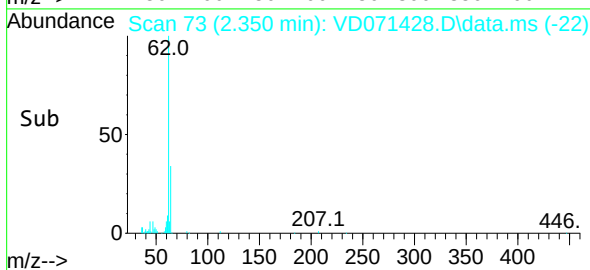
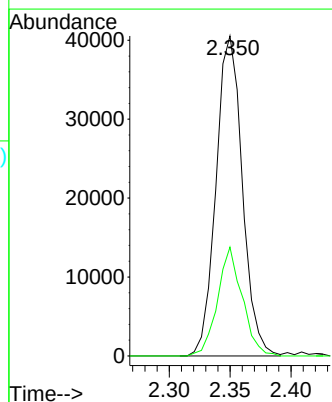
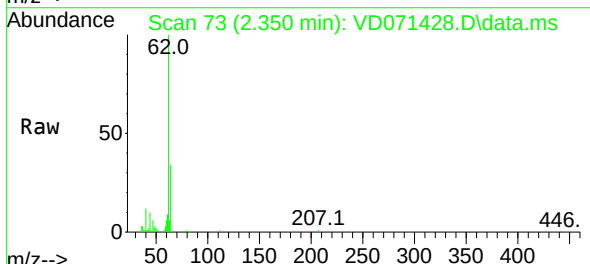
Manual Integrations
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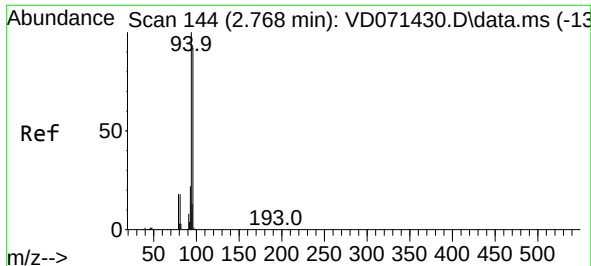
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#4
Vinyl Chloride
Concen: 14.456 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

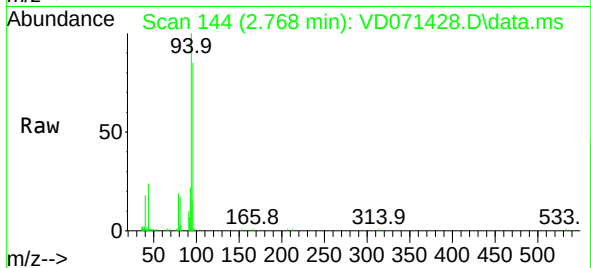
Tgt Ion: 62 Resp: 61044
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0





#5
Bromomethane
Concen: 14.409 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.018 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

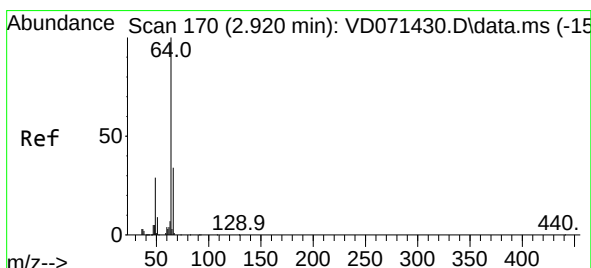
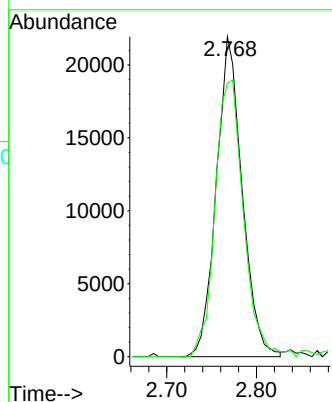
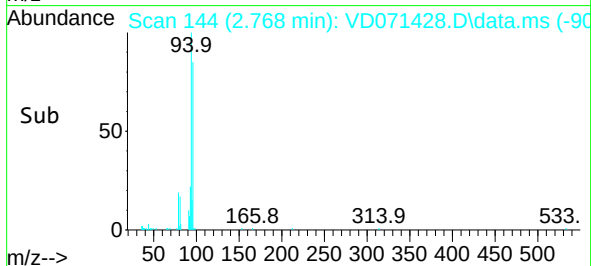
Instrument :
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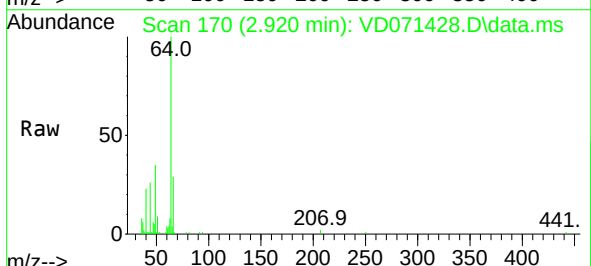
Tgt Ion: 94 Resp: 43834
Ion Ratio Lower Upper
94 100
96 85.5 74.8 112.2

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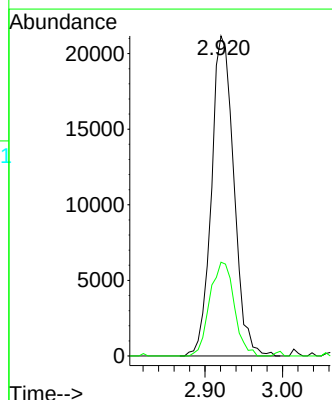
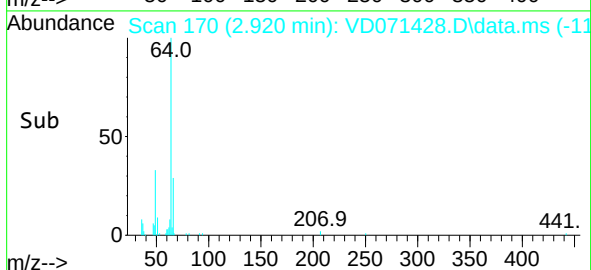
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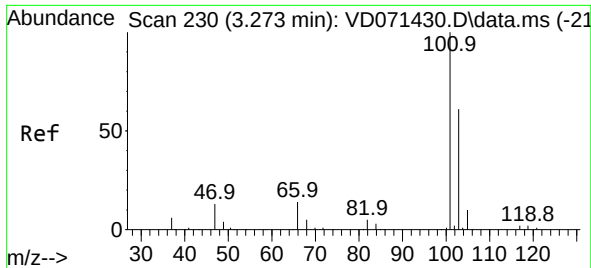


#6
Chloroethane
Concen: 14.817 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



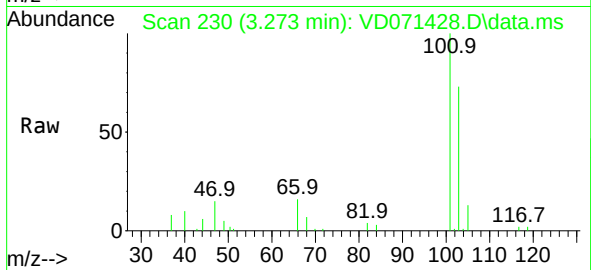
Tgt Ion: 64 Resp: 42593
Ion Ratio Lower Upper
64 100
66 29.3 29.0 43.4





#7
 Trichlorofluoromethane
 Concen: 13.077 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD071428.D
 Acq: 22 Dec 2021 18:53

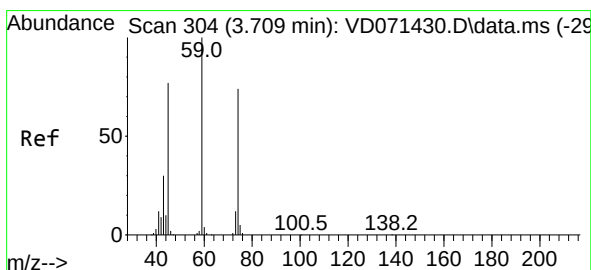
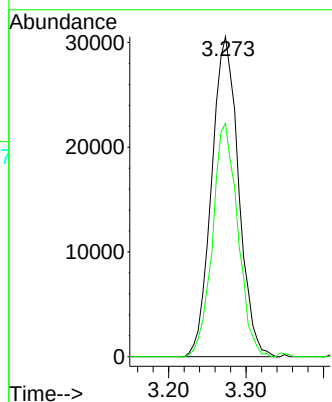
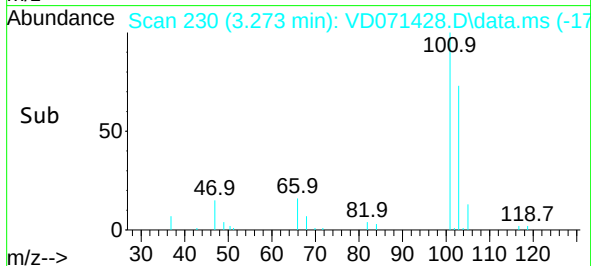
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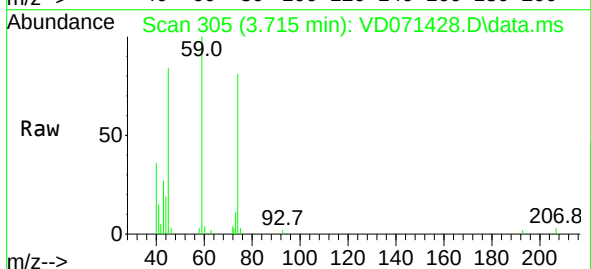
Tgt Ion:101 Resp: 73819
 Ion Ratio Lower Upper
 101 100
 103 73.0 49.7 74.5

Manual Integrations
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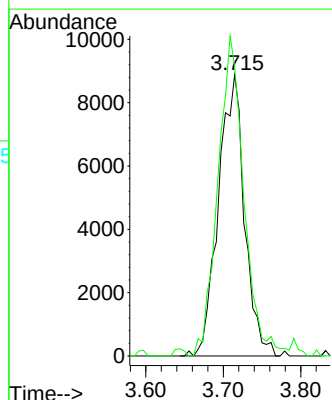
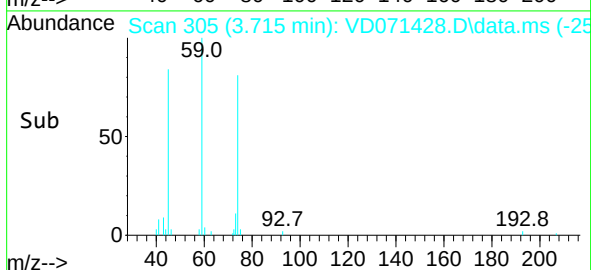
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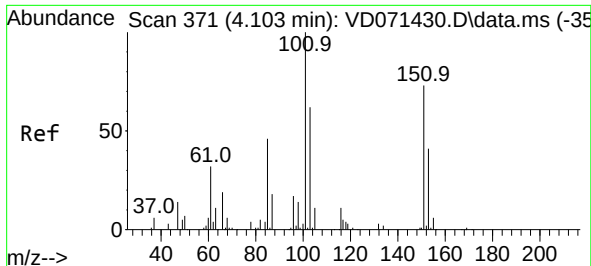


#8
 Diethyl Ether
 Concen: 13.496 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. 0.006 min
 Lab File: VD071428.D
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Tgt Ion: 74 Resp: 20770
 Ion Ratio Lower Upper
 74 100
 45 113.2 49.6 149.0





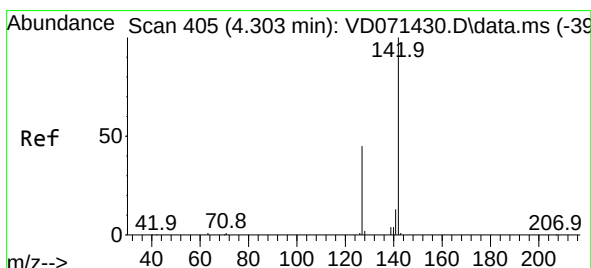
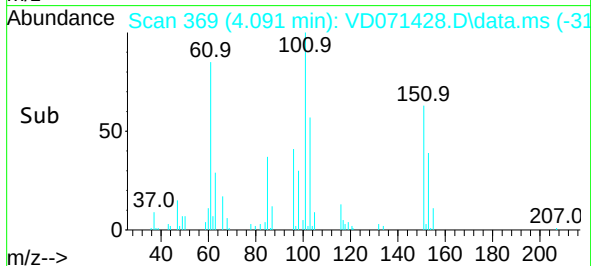
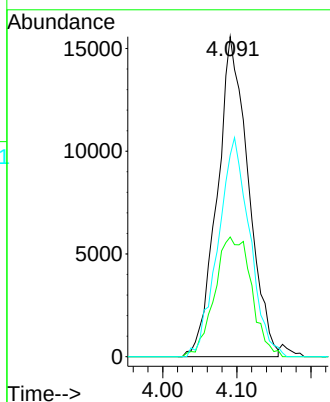
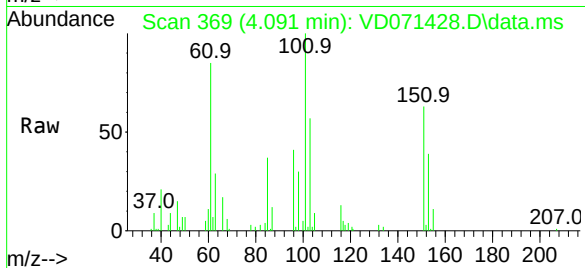
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.722 ug/l
RT: 4.091 min Scan# 301
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 4550
Ion Ratio Lower Upper
101 100
85 44.0 34.8 52.2
151 69.3 60.4 90.6

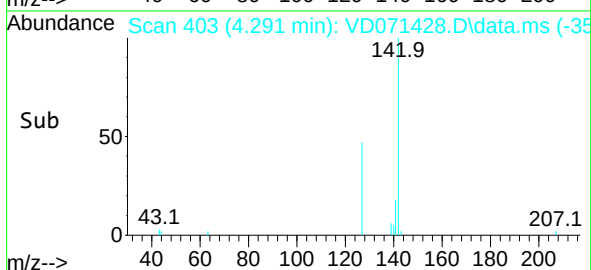
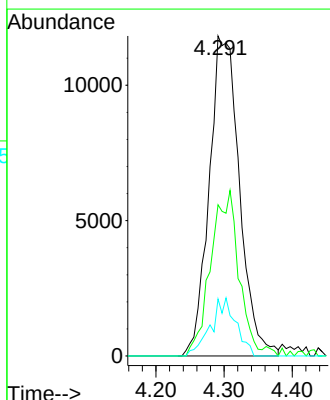
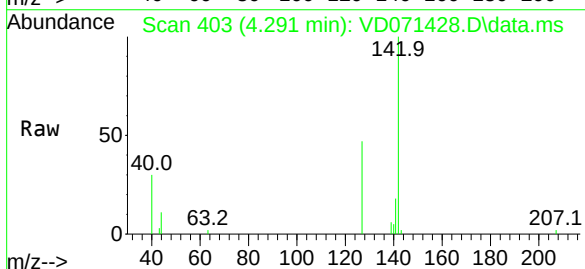
Manual Integrations
APPROVED

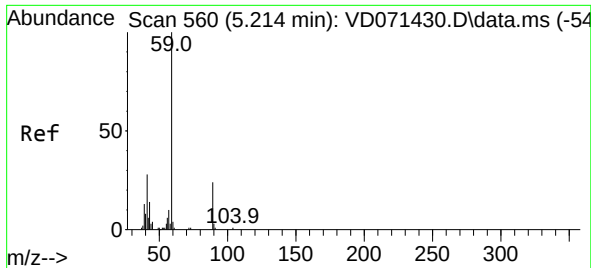
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#10
Methyl Iodide
Concen: 11.188 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion:142 Resp: 36533
Ion Ratio Lower Upper
142 100
127 47.7 35.0 52.4
141 15.1 12.0 18.0





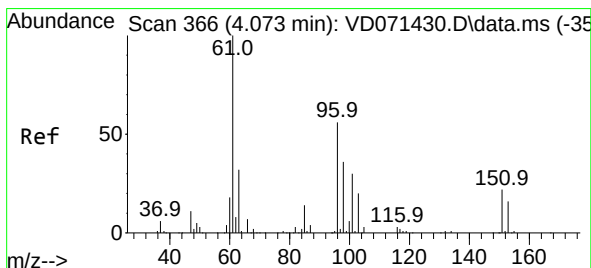
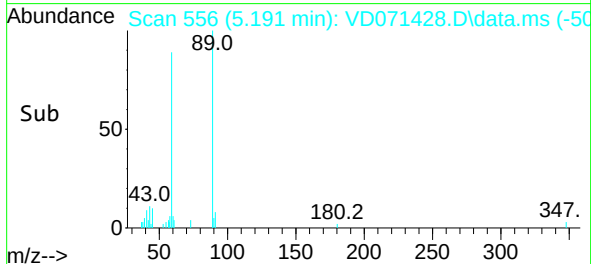
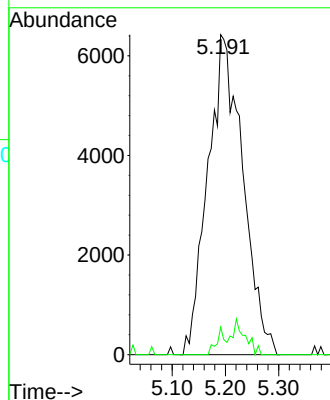
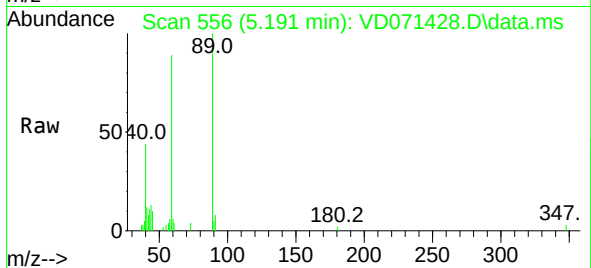
#11
Tert butyl alcohol
Concen: 63.628 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 2921
Ion Ratio Lower Upper
59 100
57 2.0 9.0 13.4

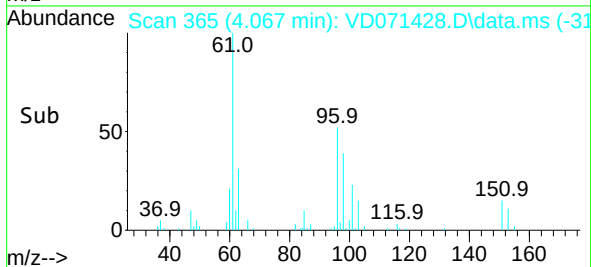
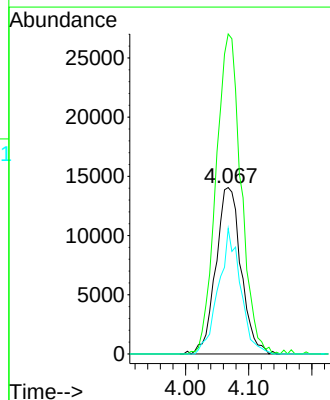
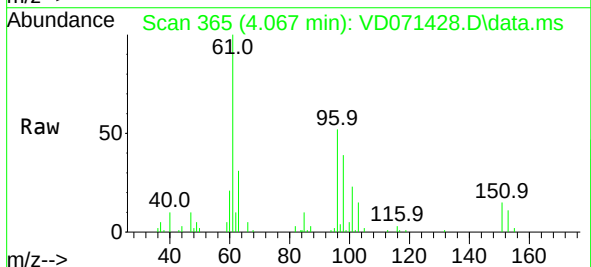
Manual Integrations
APPROVED

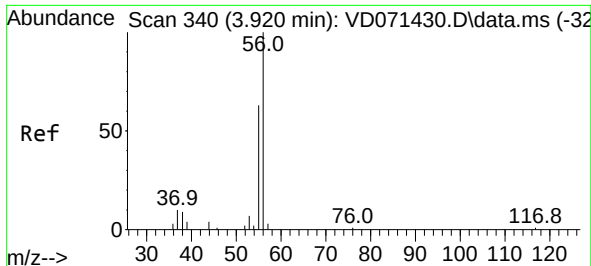
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#12
1,1-Dichloroethene
Concen: 12.675 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

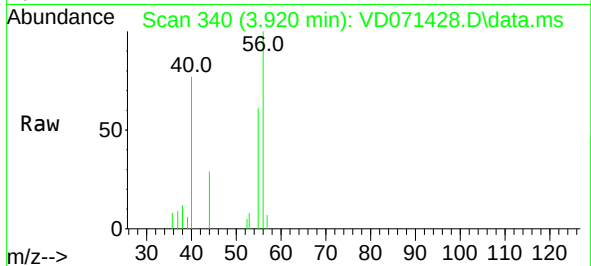
Tgt Ion: 96 Resp: 38867
Ion Ratio Lower Upper
96 100
61 192.3 120.3 180.5
98 75.4 54.4 81.6





#13
Acrolein
Concen: 40.952 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

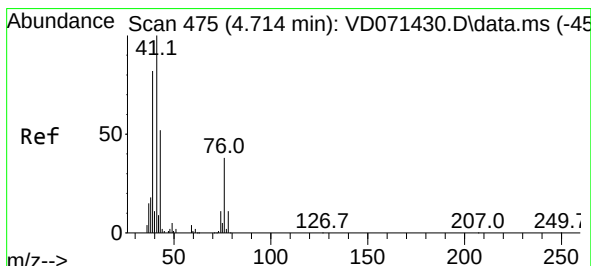
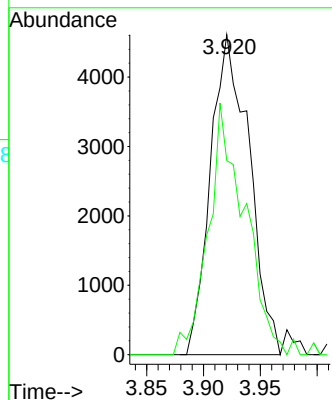
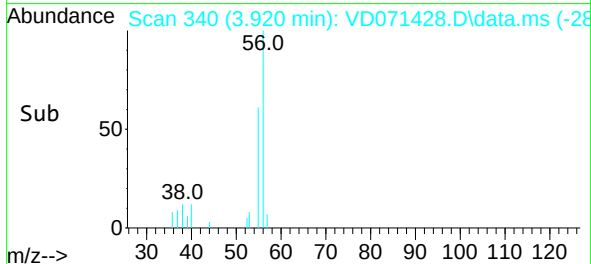
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



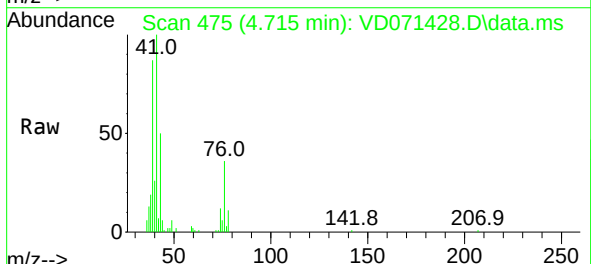
Tgt Ion: 56 Resp: 10894
Ion Ratio Lower Upper
56 100
55 73.5 58.6 87.8

Manual Integrations
APPROVED

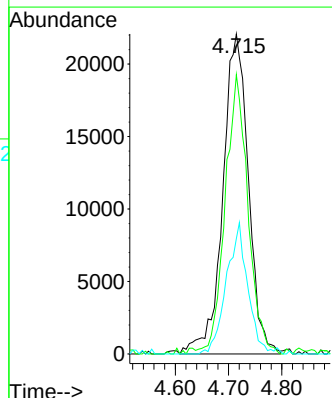
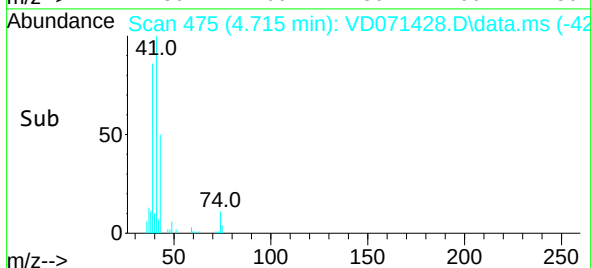
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

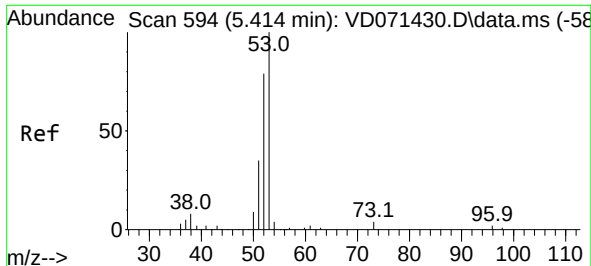


#14
Allyl chloride
Concen: 12.701 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.012 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



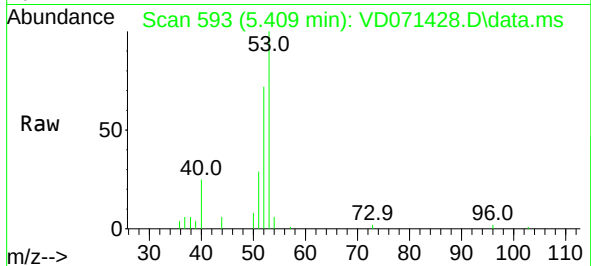
Tgt Ion: 41 Resp: 73554
Ion Ratio Lower Upper
41 100
39 77.8 45.6 68.4#
76 34.2 30.2 45.4





#15
Acrylonitrile
Concen: 65.342 ug/l
RT: 5.409 min Scan# 594
Delta R.T. -0.012 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

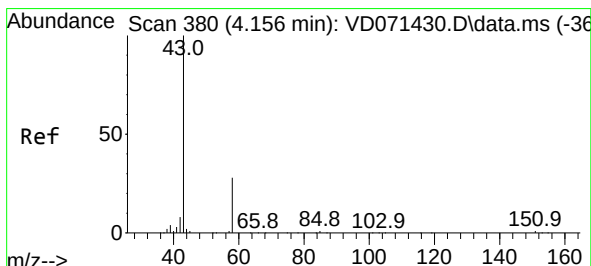
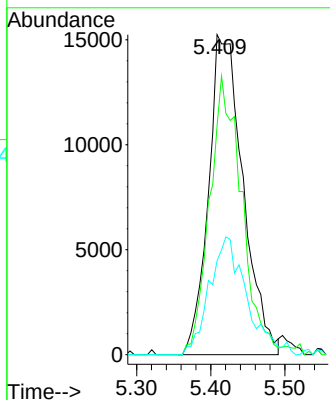
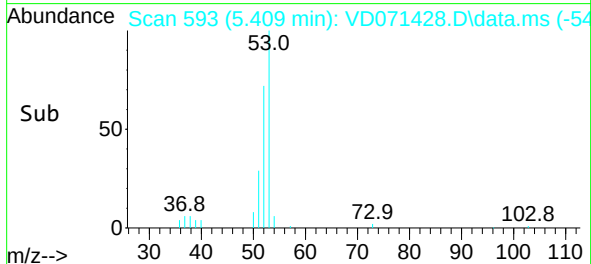
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



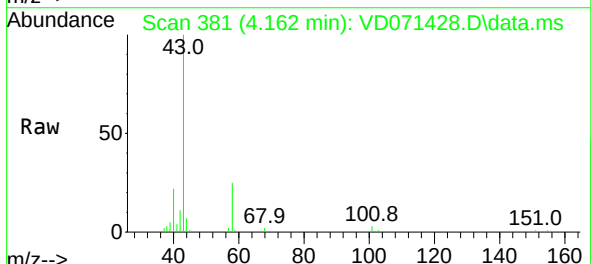
Tgt Ion: 53 Resp: 49329
Ion Ratio Lower Upper
53 100
52 82.1 63.8 95.8
51 39.6 28.5 42.7

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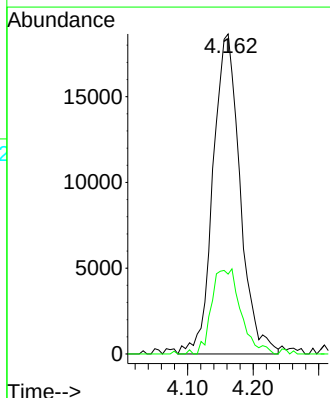
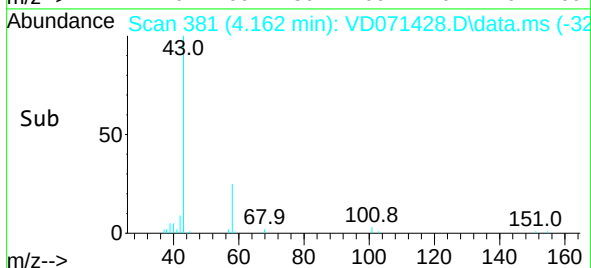
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

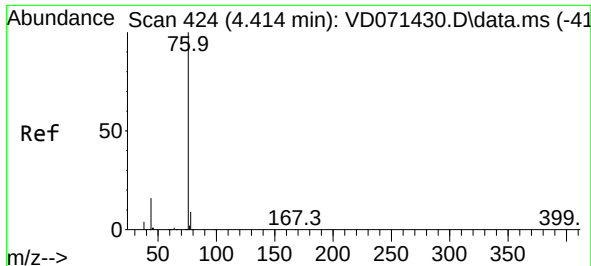


#16
Acetone
Concen: 57.391 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



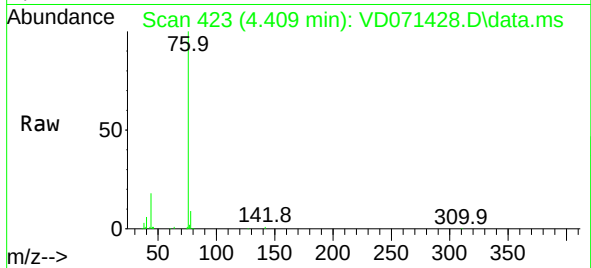
Tgt Ion: 43 Resp: 53364
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#





#17
Carbon Disulfide
Concen: 14.910 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

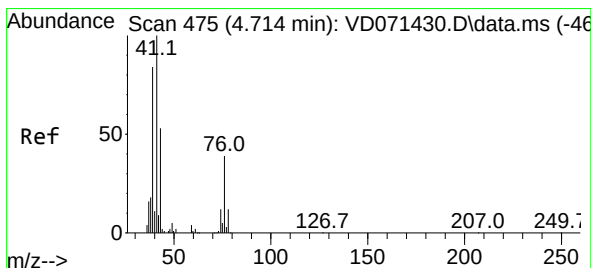
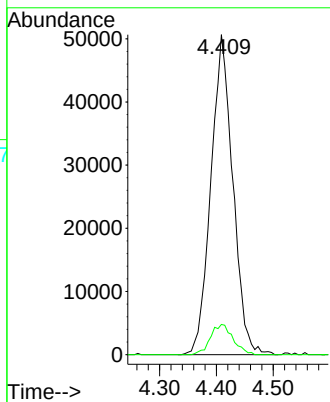
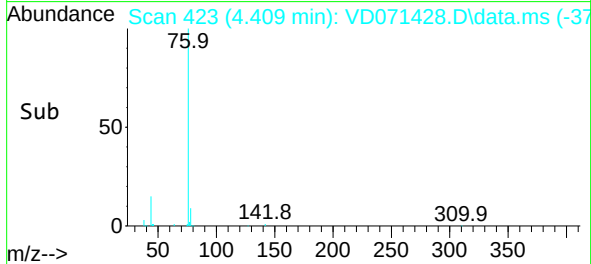
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 13591
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8

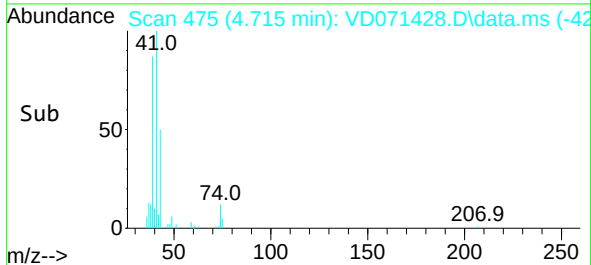
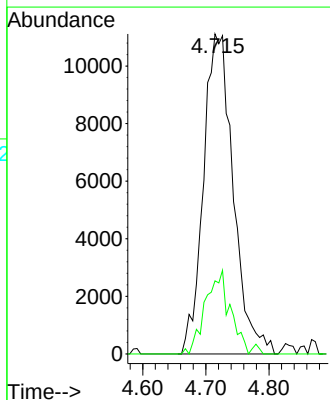
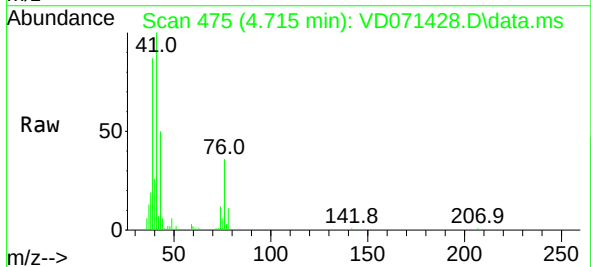
Manual Integrations
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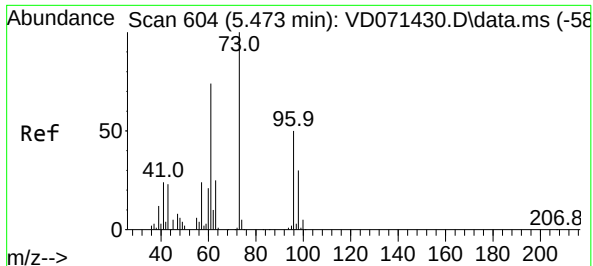
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#18
Methyl Acetate
Concen: 12.492 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion: 43 Resp: 36494
Ion Ratio Lower Upper
43 100
74 21.5 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 12.539 ug/l

RT: 5.485 min Scan# 604

Delta R.T. 0.012 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 94799

Ion Ratio Lower Upper

73 100

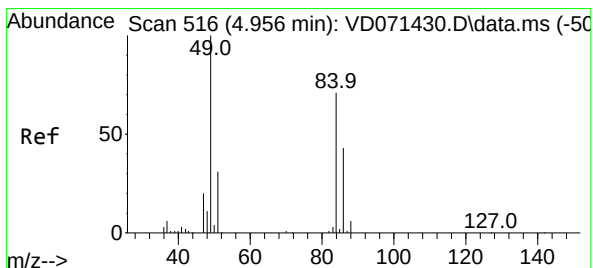
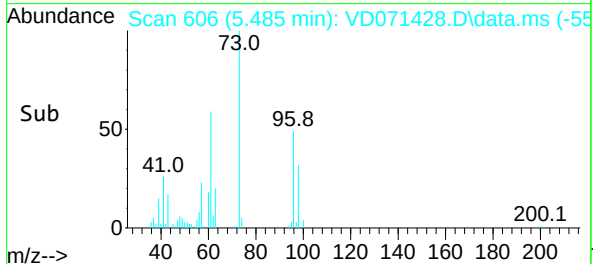
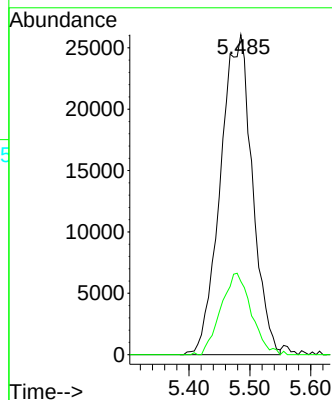
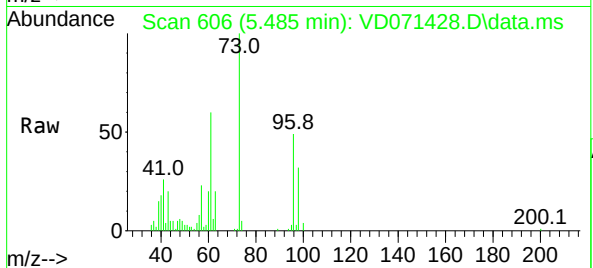
57 22.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#20

Methylene Chloride

Concen: 13.624 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Tgt Ion: 84 Resp: 68599

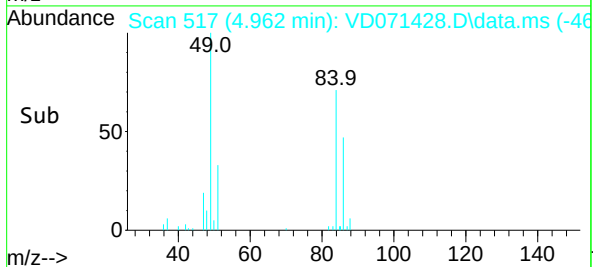
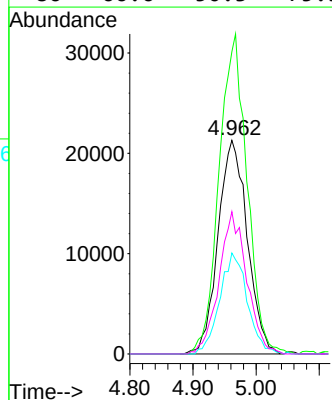
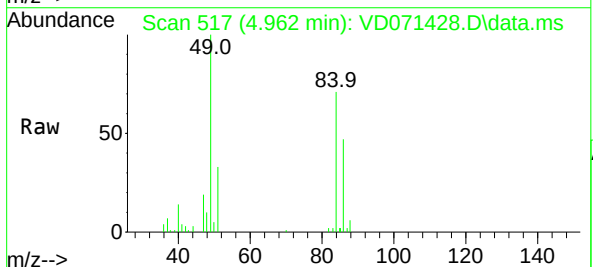
Ion Ratio Lower Upper

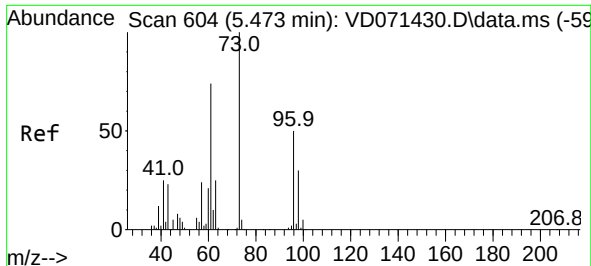
84 100

49 141.4 95.8 143.6

51 47.2 30.9 46.3#

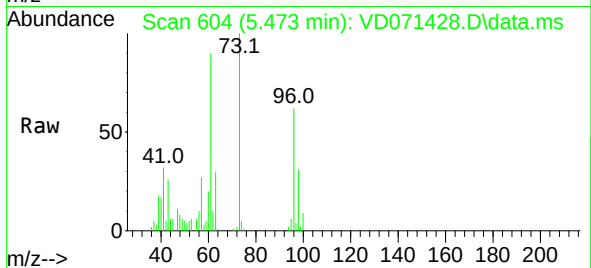
86 66.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 13.399 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

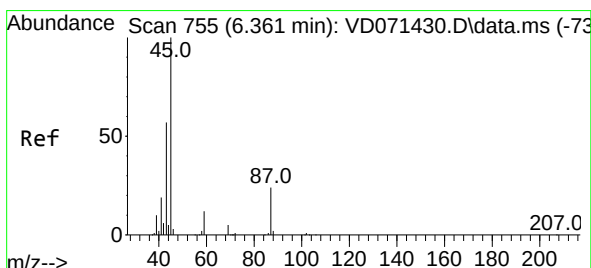
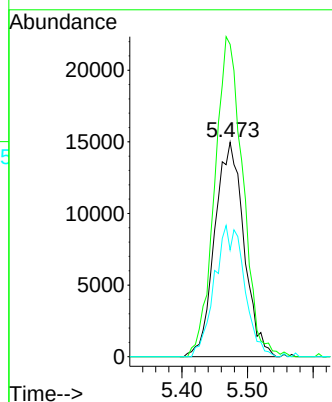
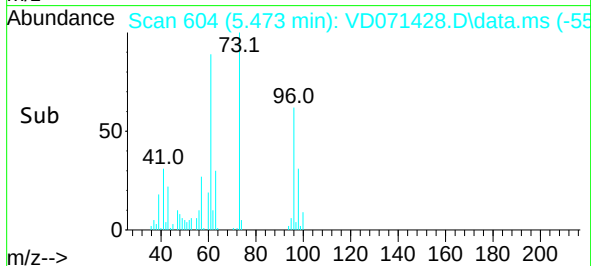
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 4619
Ion Ratio Lower Upper
96 100
61 145.7 102.1 153.1
98 49.8 50.1 75.1

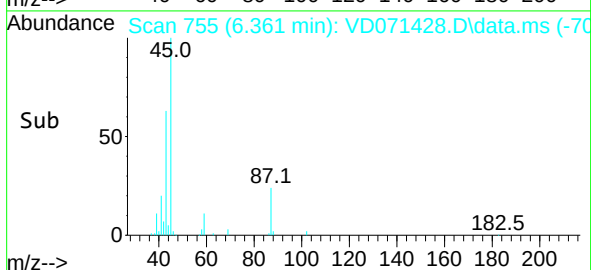
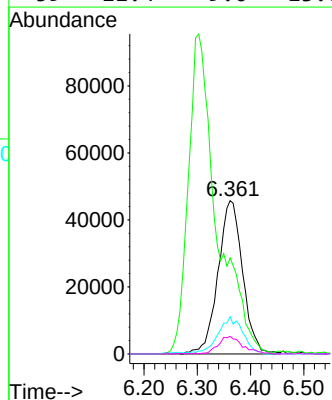
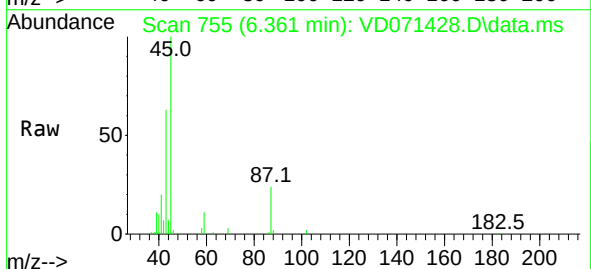
Manual Integrations
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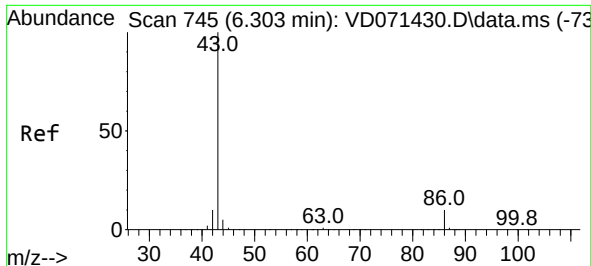
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#22
Diisopropyl ether
Concen: 12.610 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion: 45 Resp: 146596
Ion Ratio Lower Upper
45 100
43 60.7 39.6 59.4#
87 24.2 21.2 31.8
59 11.4 9.0 13.6





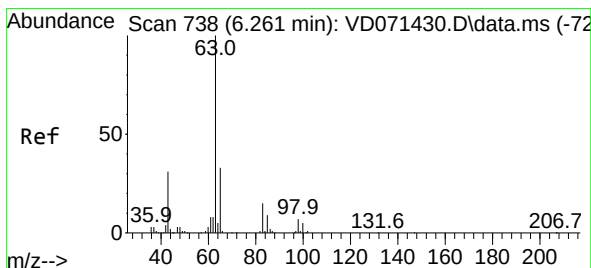
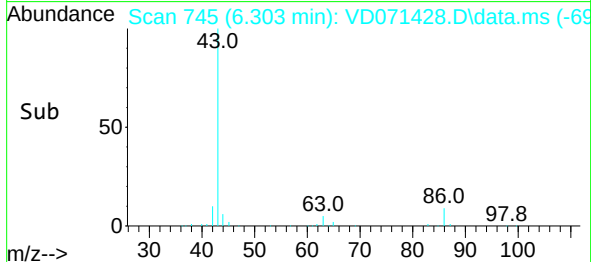
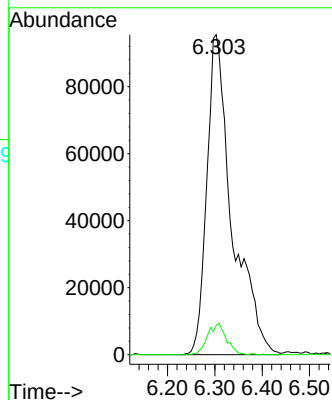
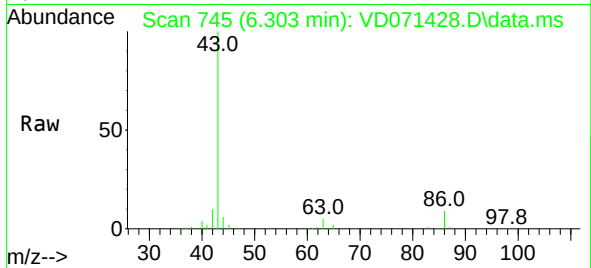
#23
 Vinyl Acetate
 Concen: 63.935 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD071428.D
 Acq: 22 Dec 2021 18:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Tgt Ion: 43 Resp: 35455
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.2 12.4

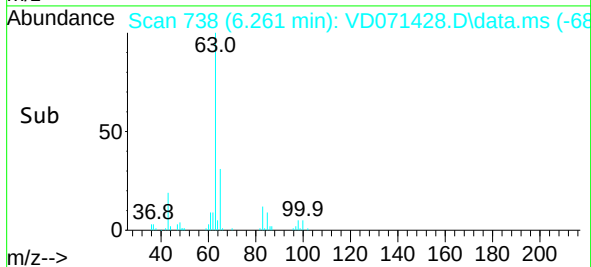
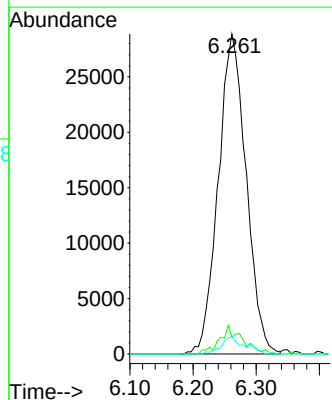
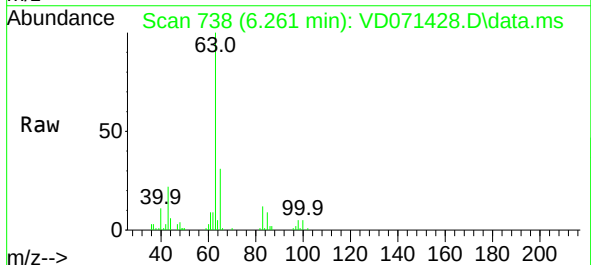
Manual Integrations
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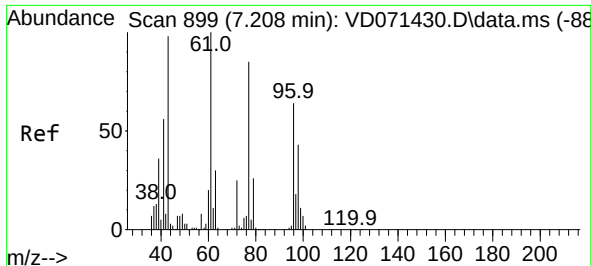
Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#24
 1,1-Dichloroethane
 Concen: 13.284 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD071428.D
 Acq: 22 Dec 2021 18:53

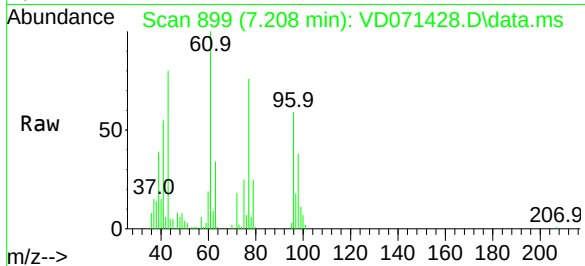
Tgt Ion: 63 Resp: 88582
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.5 10.6
 100 5.4 2.1 6.3





#25
2-Butanone
Concen: 62.464 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

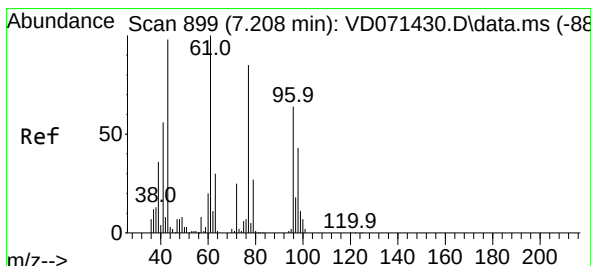
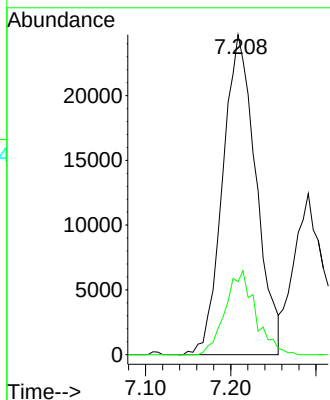
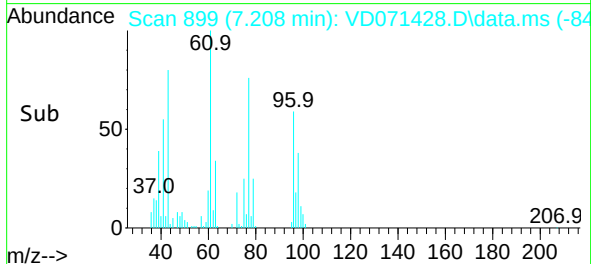
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



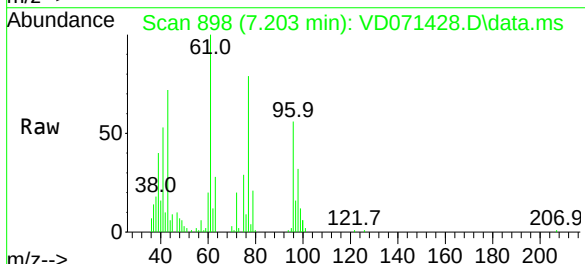
Tgt Ion: 43 Resp: 67098
Ion Ratio Lower Upper
43 100
72 22.8 23.8 35.6

Manual Integrations
APPROVED

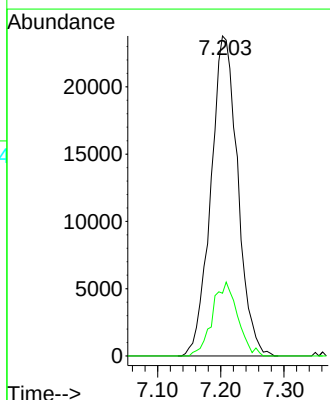
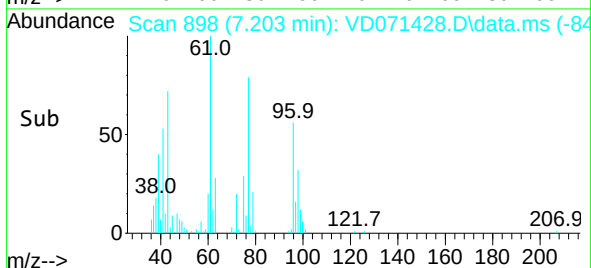
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

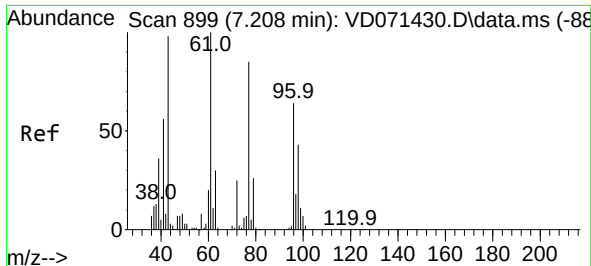


#26
2,2-Dichloropropane
Concen: 11.652 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



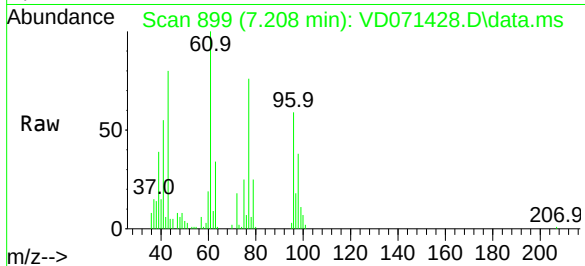
Tgt Ion: 77 Resp: 70133
Ion Ratio Lower Upper
77 100
97 21.8 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 12.386 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

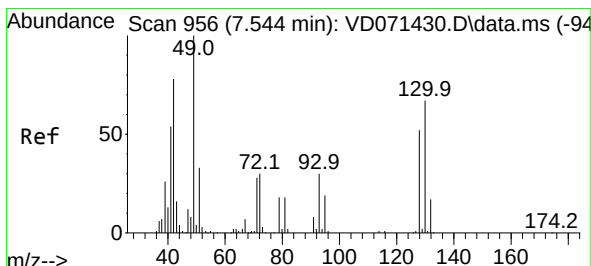
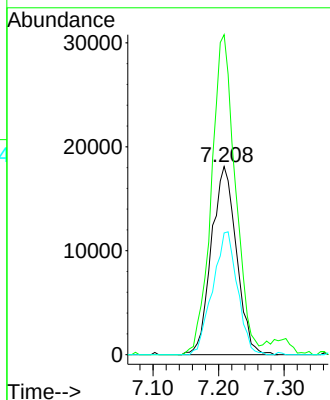
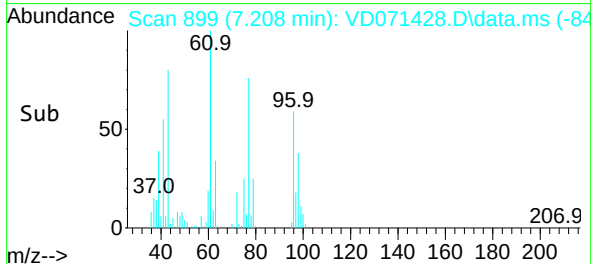
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



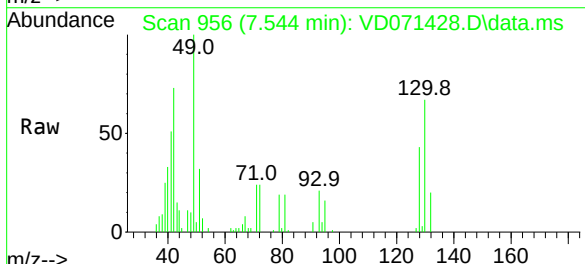
Tgt Ion: 96 Resp: 48034
Ion Ratio Lower Upper
96 100
61 162.7 0.0 288.6
98 64.6 0.0 129.2

Manual Integrations
APPROVED

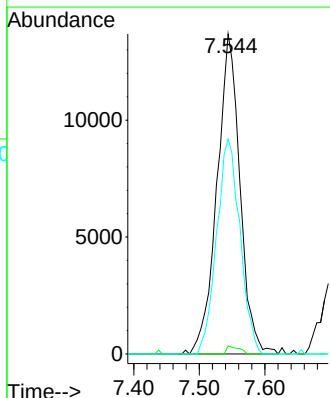
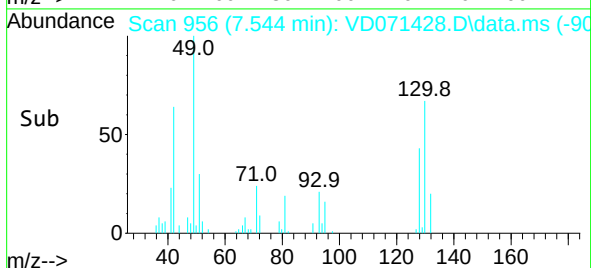
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

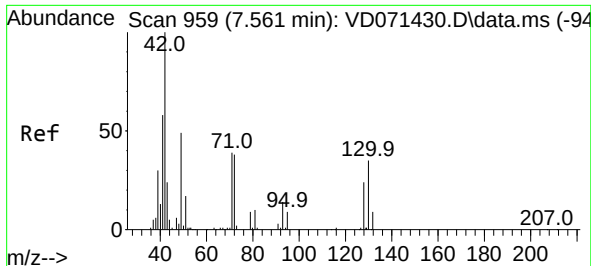


#28
Bromochloromethane
Concen: 11.481 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



Tgt Ion: 49 Resp: 33240
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 68.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 67.481 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

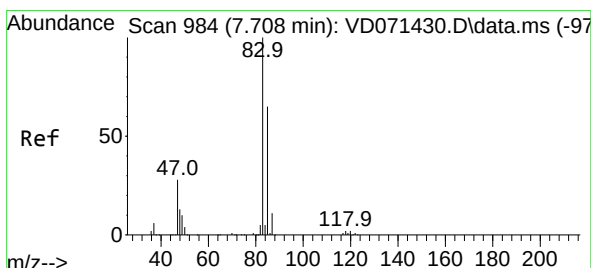
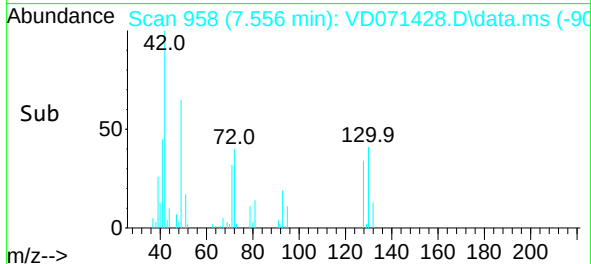
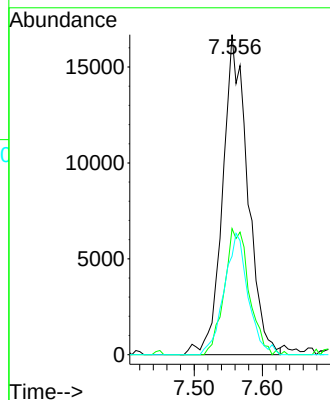
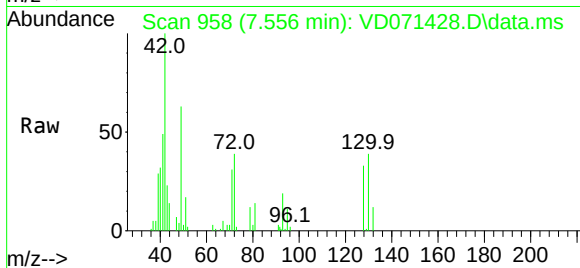
Tgt Ion: 42 Resp: 4259

Ion	Ratio	Lower	Upper
42	100		
72	39.2	33.7	50.5
71	36.3	32.7	49.1

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 12.847 ug/l

RT: 7.708 min Scan# 984

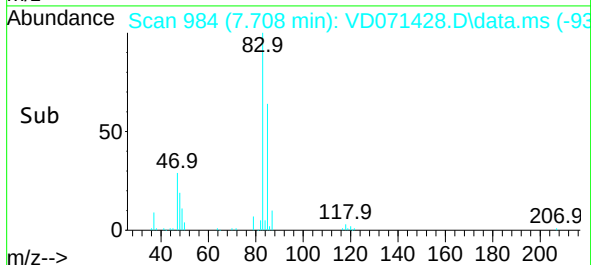
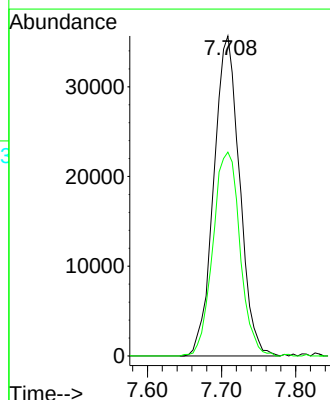
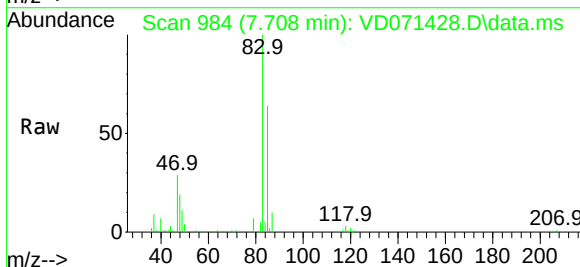
Delta R.T. 0.006 min

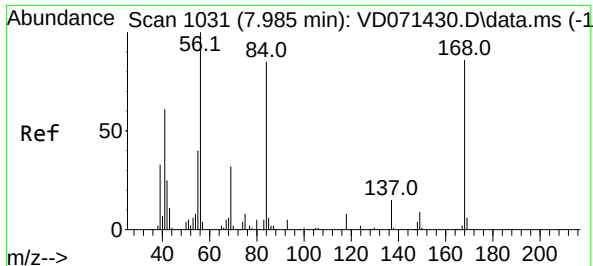
Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Tgt Ion: 83 Resp: 86258

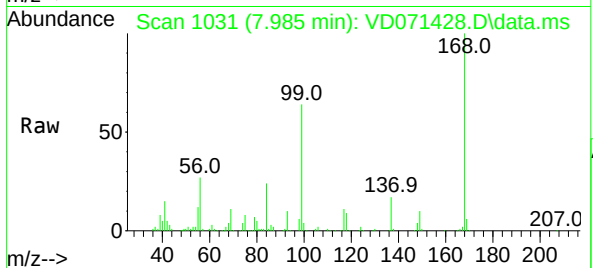
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6





#31
Cyclohexane
Concen: 13.610 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

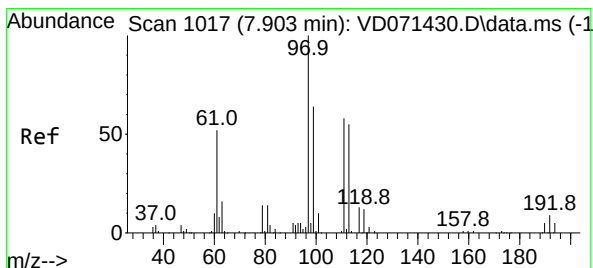
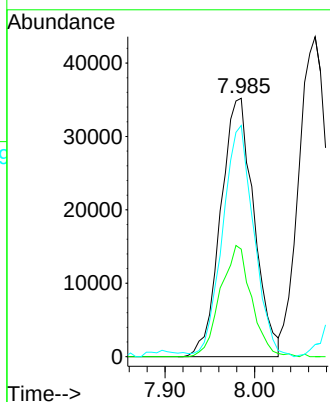
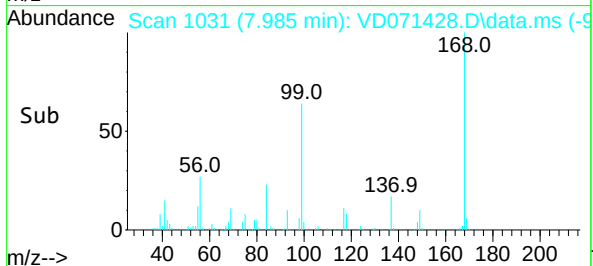
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



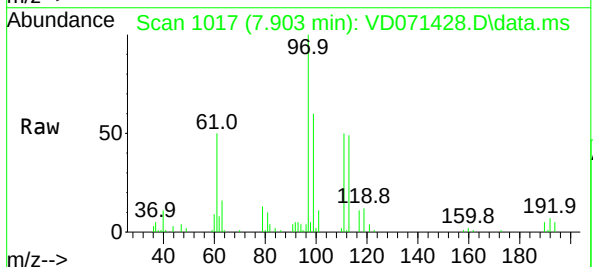
Tgt Ion: 56 Resp: 9030
Ion Ratio Lower Upper
56 100
69 41.6 25.9 38.9
84 88.1 64.3 96.5

Manual Integrations
APPROVED

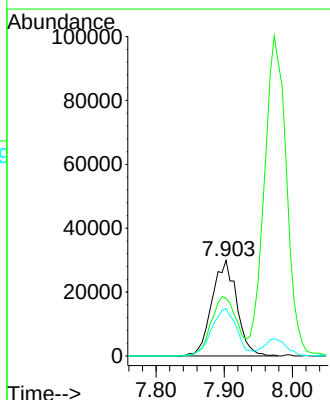
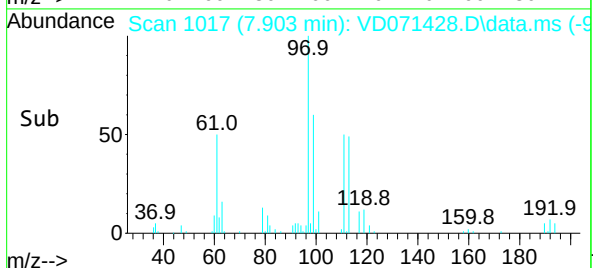
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

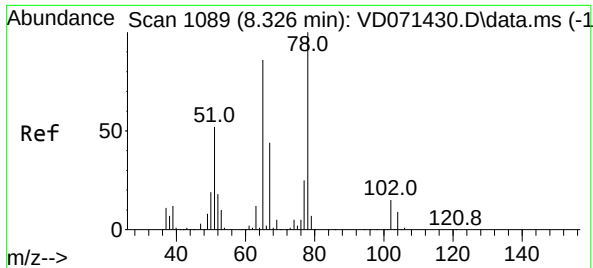


#32
1,1,1-Trichloroethane
Concen: 12.667 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



Tgt Ion: 97 Resp: 75920
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 50.5 33.0 49.4





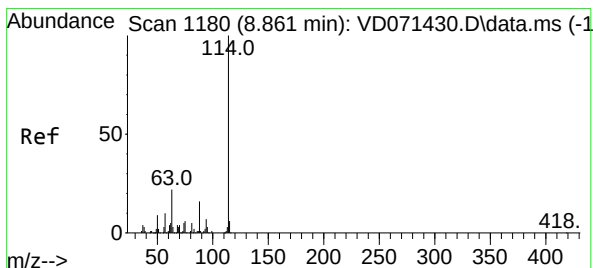
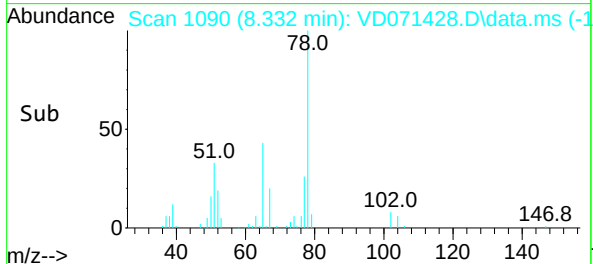
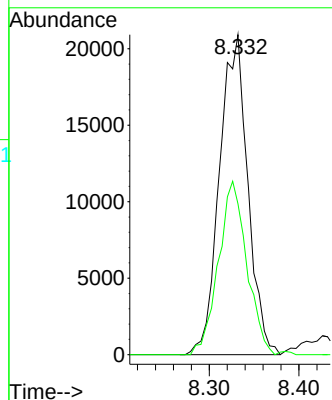
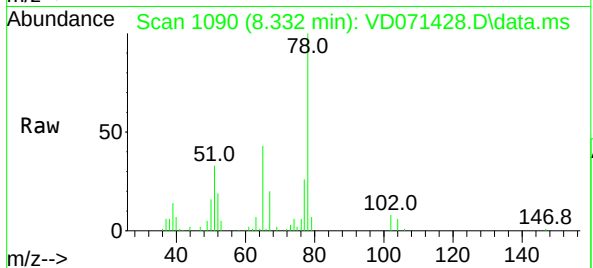
#33
1,2-Dichloroethane-d4
Concen: 11.593 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 4575
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.2

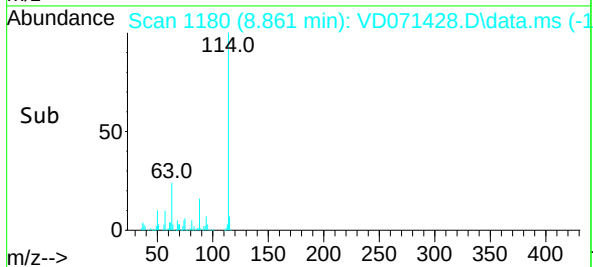
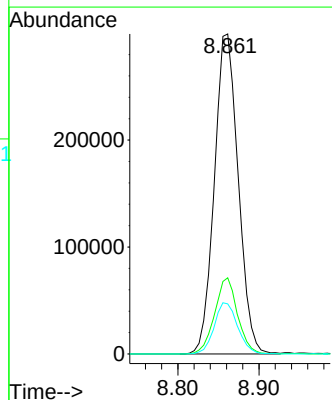
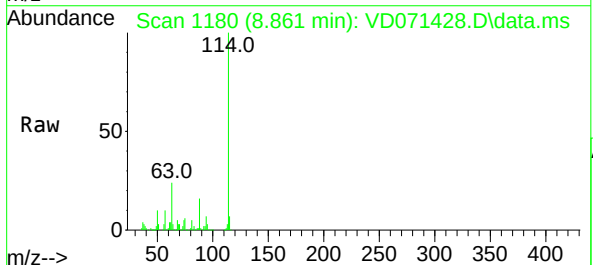
Manual Integrations
APPROVED

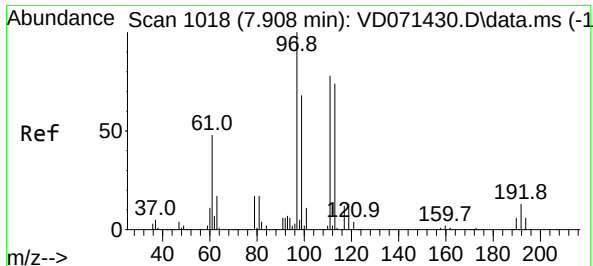
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion:114 Resp: 611901
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 11.238 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

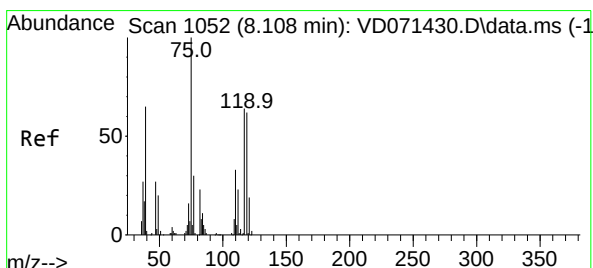
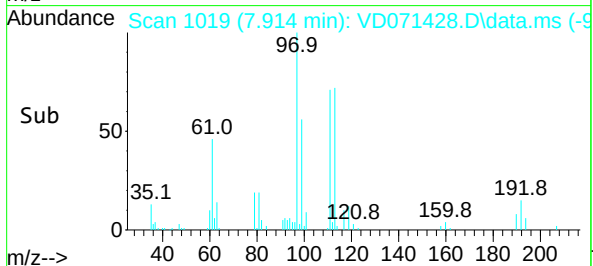
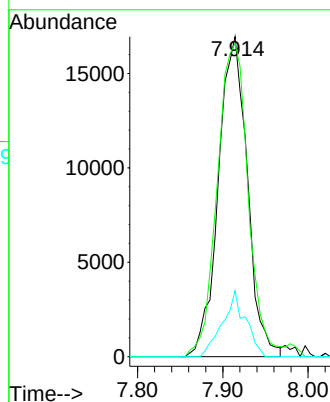
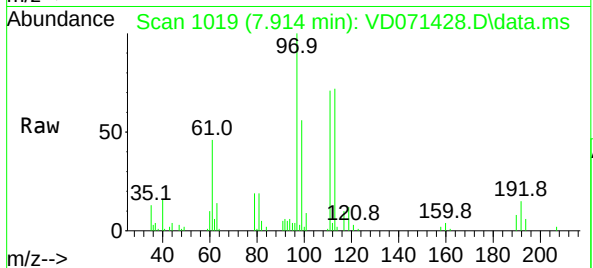
Tgt Ion:113 Resp: 3998

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.0	123.0
192	16.4	15.2	22.8

Manual Integrations

APPROVED

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



#36

1,1-Dichloropropene

Concen: 13.585 ug/l

RT: 8.114 min Scan# 1053

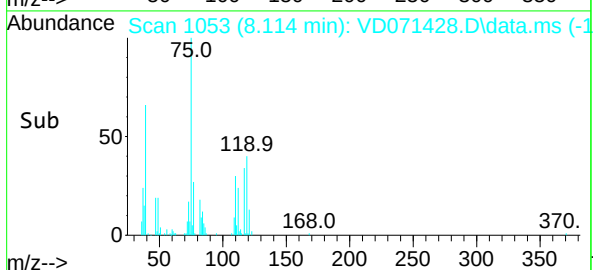
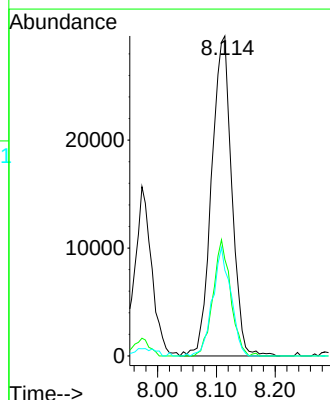
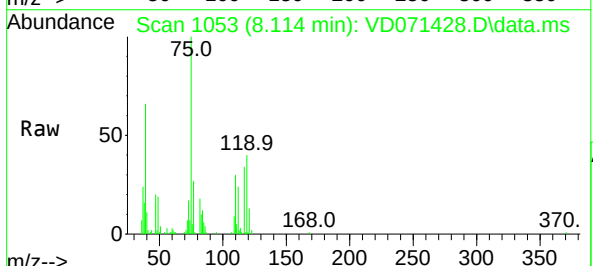
Delta R.T. 0.006 min

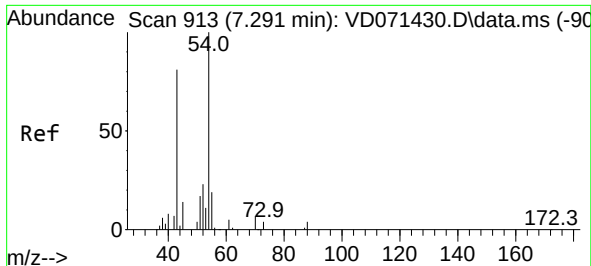
Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Tgt Ion: 75 Resp: 70634

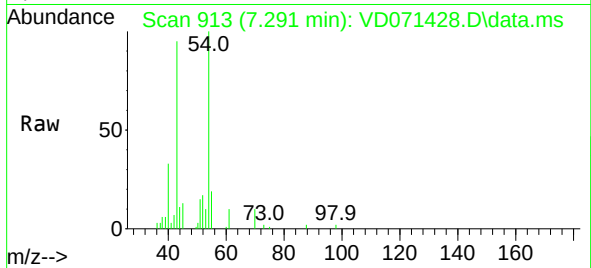
Ion	Ratio	Lower	Upper
75	100		
110	31.8	17.8	53.4
77	30.5	24.8	37.2





#37
Ethyl Acetate
Concen: 13.066 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

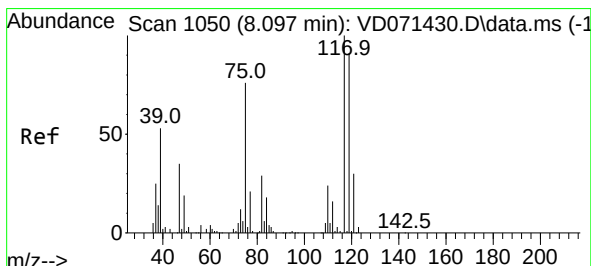
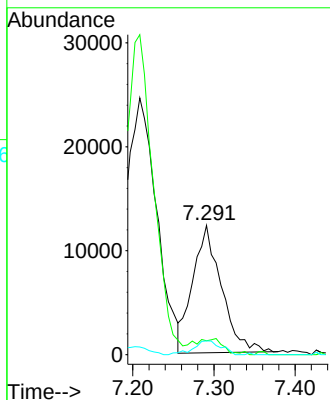
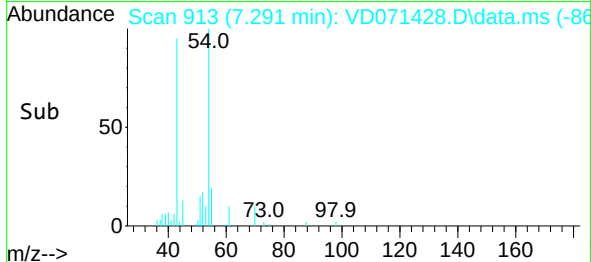
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 30185
Ion Ratio Lower Upper
43 100
61 12.4 13.0 19.6
70 10.3 8.7 13.1

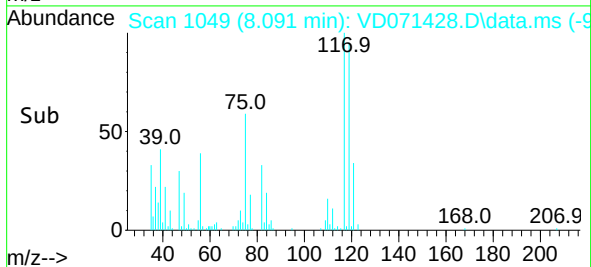
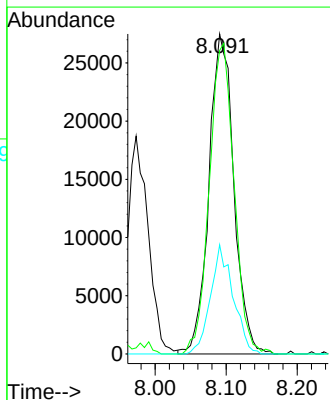
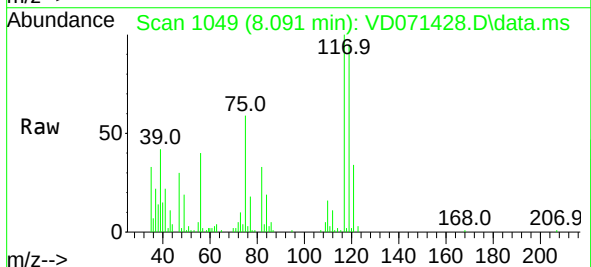
Manual Integrations
APPROVED

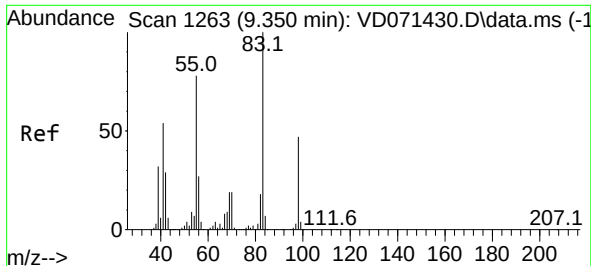
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#38
Carbon Tetrachloride
Concen: 13.084 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion:117 Resp: 66851
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
121 34.1 23.6 35.4





#39

Methylcyclohexane

Concen: 13.002 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

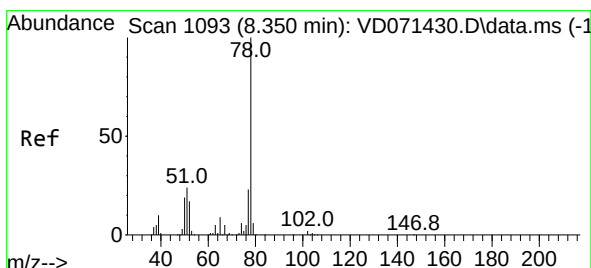
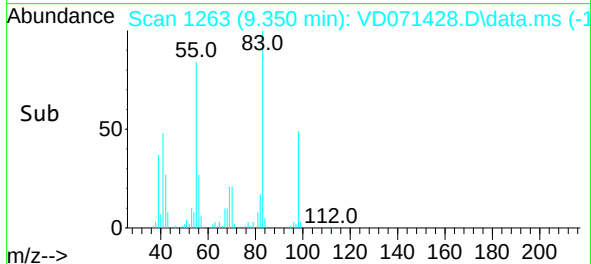
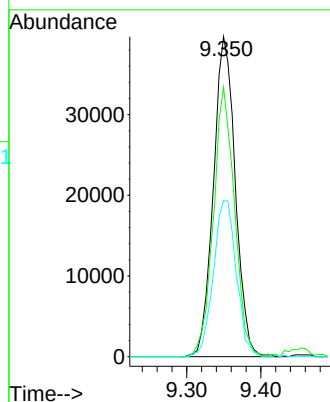
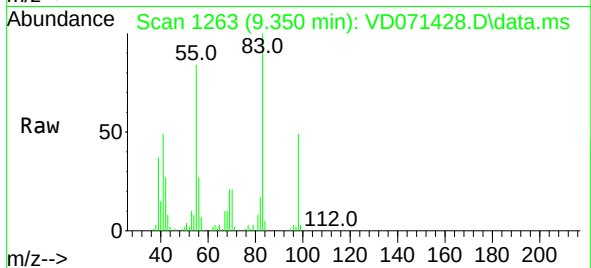
VSTDICC010

Tgt Ion:	83	Resp:	8120
Ion Ratio	Lower	Upper	
83	100		
55	84.2	65.8	98.8
98	48.7	38.7	58.1

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 13.289 ug/l

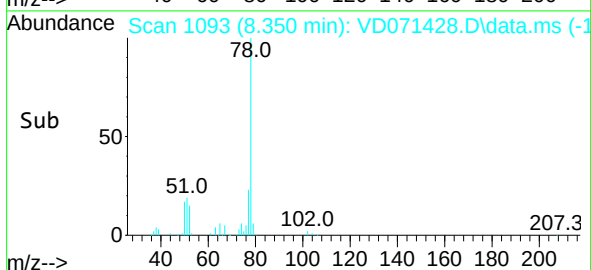
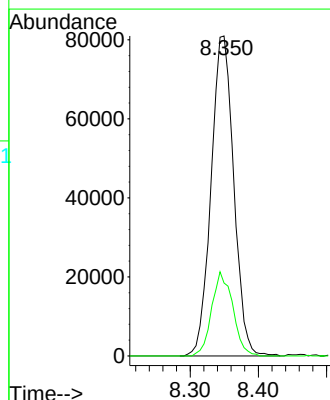
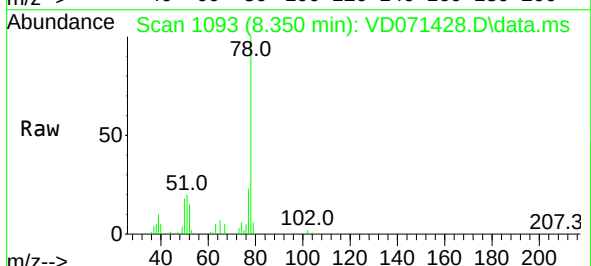
RT: 8.350 min Scan# 1093

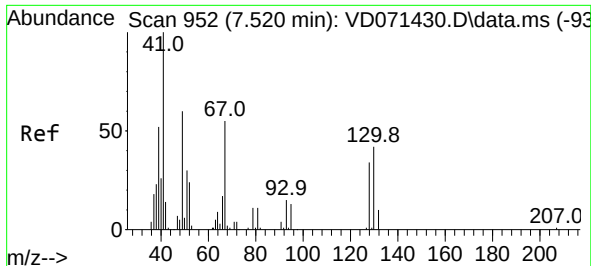
Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

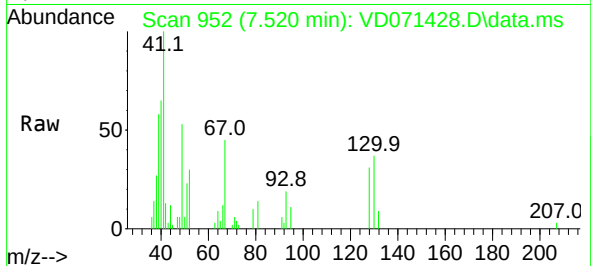
Tgt Ion:	78	Resp:	187557
Ion Ratio	Lower	Upper	
78	100		
77	22.8	19.1	28.7





#41
Methacrylonitrile
Concen: 12.317 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

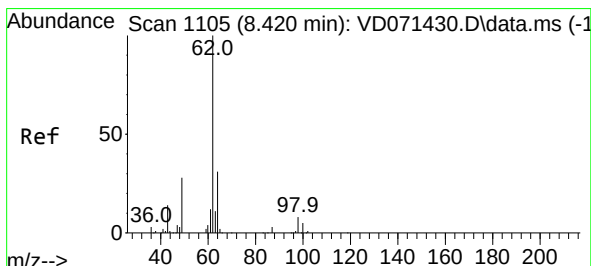
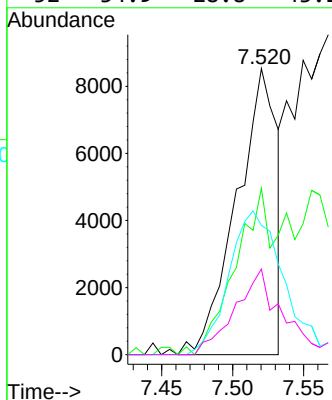
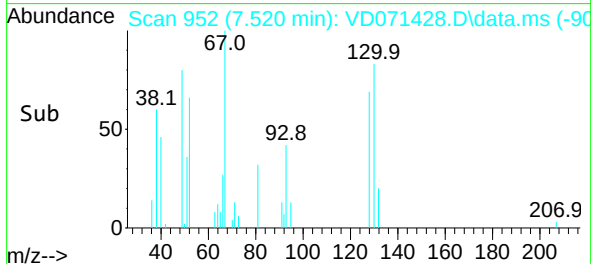
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



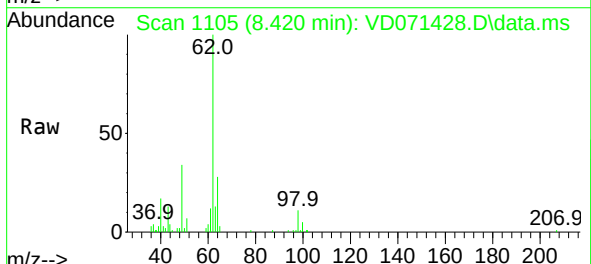
Tgt Ion: 41 Resp: 1687
Ion Ratio Lower Upper
41 100
39 56.5 60.2 90.4
67 67.6 74.8 112.2
52 34.9 28.8 43.2

Manual Integrations
APPROVED

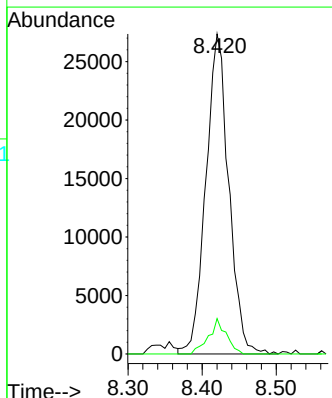
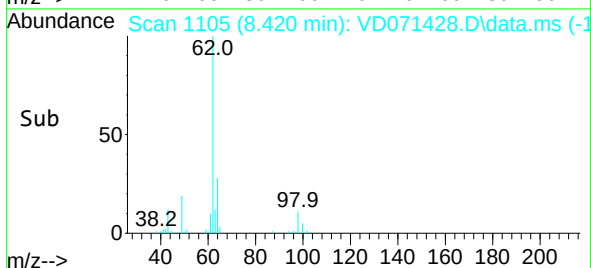
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

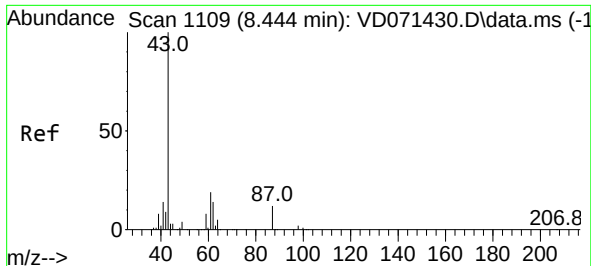


#42
1,2-Dichloroethane
Concen: 13.471 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



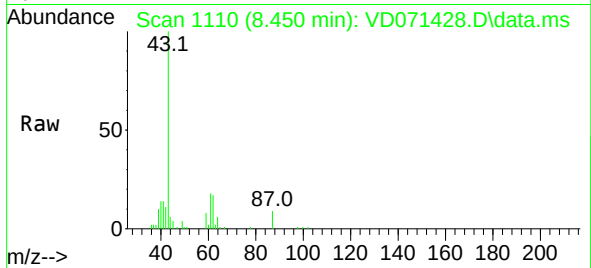
Tgt Ion: 62 Resp: 58696
Ion Ratio Lower Upper
62 100
98 8.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 13.030 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

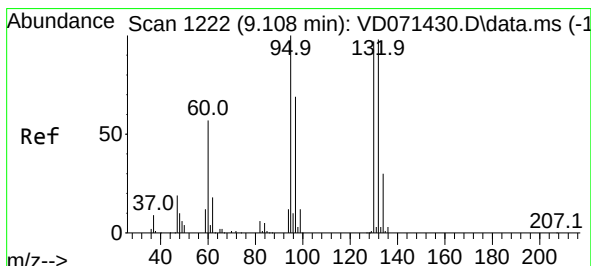
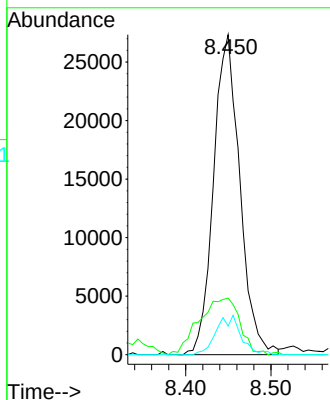
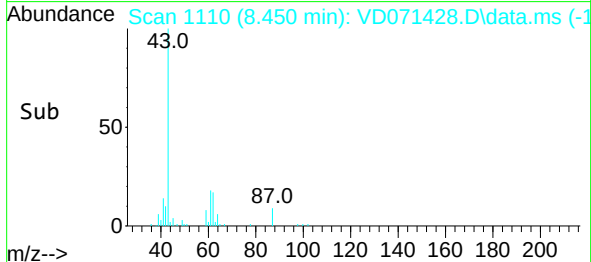
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



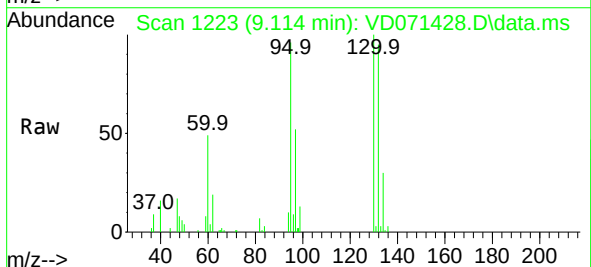
Tgt Ion: 43 Resp: 58530
Ion Ratio Lower Upper
43 100
61 27.4 28.2 42.4
87 11.6 10.7 16.1

Manual Integrations
APPROVED

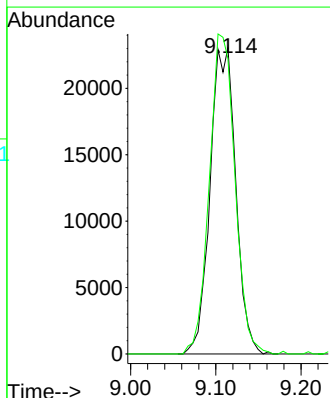
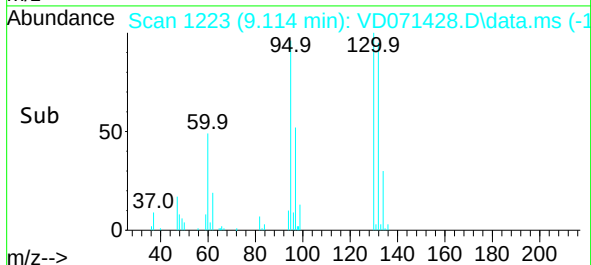
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

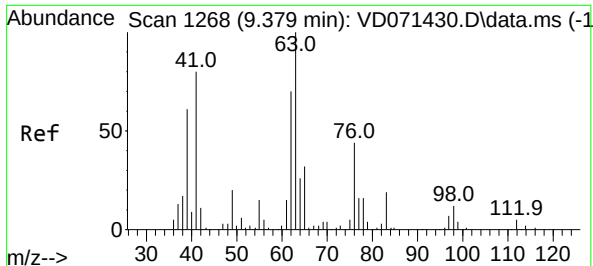


#44
Trichloroethene
Concen: 12.867 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



Tgt Ion:130 Resp: 48243
Ion Ratio Lower Upper
130 100
95 96.4 0.0 193.2





#45

1,2-Dichloropropane

Concen: 12.702 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

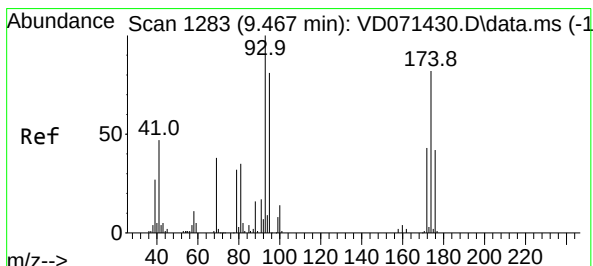
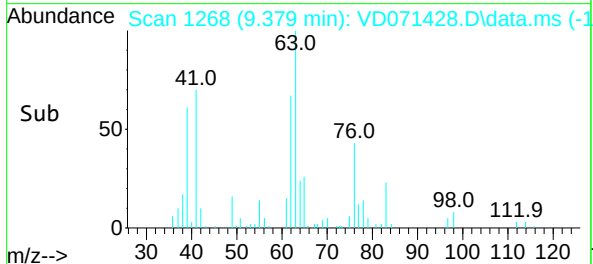
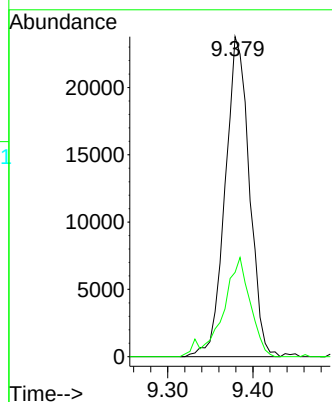
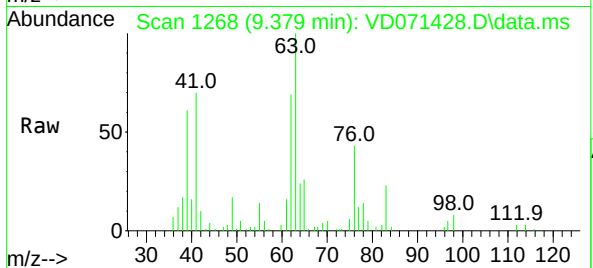
VSTDIC010

Tgt Ion: 63 Resp: 46974
 Ion Ratio Lower Upper
 63 100
 65 26.3 24.2 36.2

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 13.087 ug/l

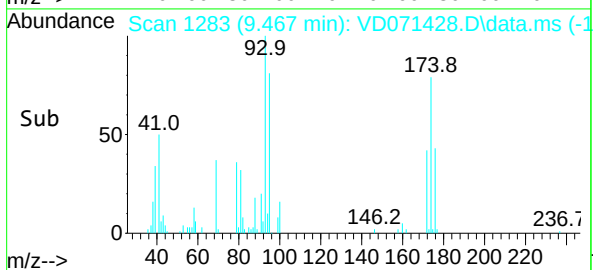
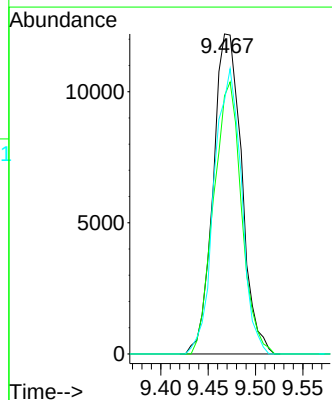
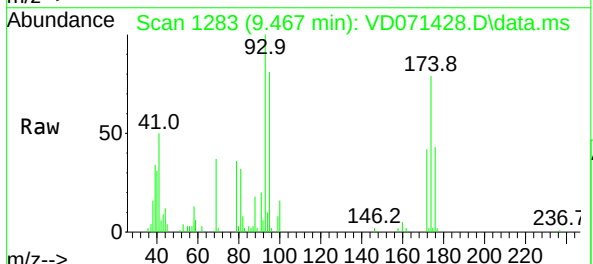
RT: 9.467 min Scan# 1283

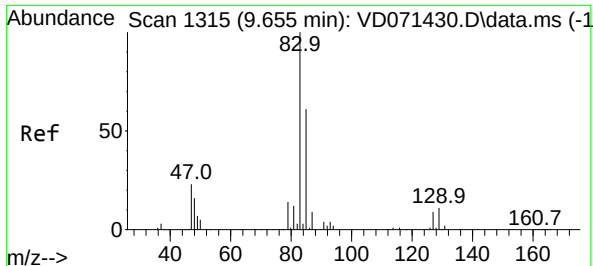
Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Tgt Ion: 93 Resp: 25453
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.1 99.1
 174 85.5 78.6 117.8





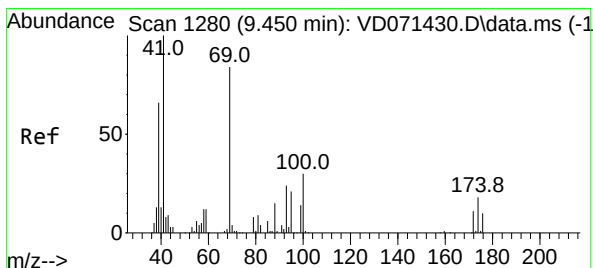
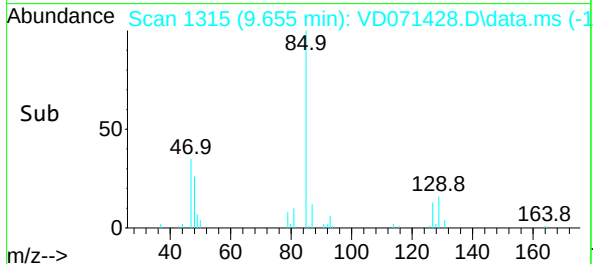
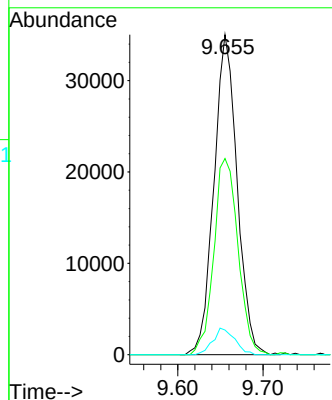
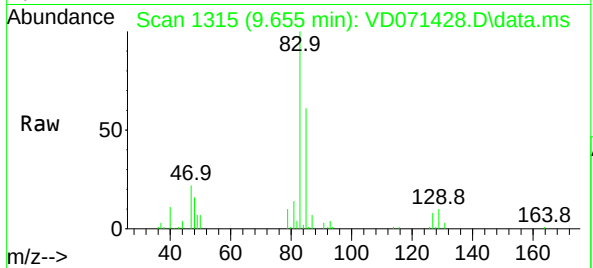
#47
Bromodichloromethane
Concen: 12.998 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 66294
Ion Ratio Lower Upper
83 100
85 61.3 50.0 75.0
127 7.7 7.3 10.9

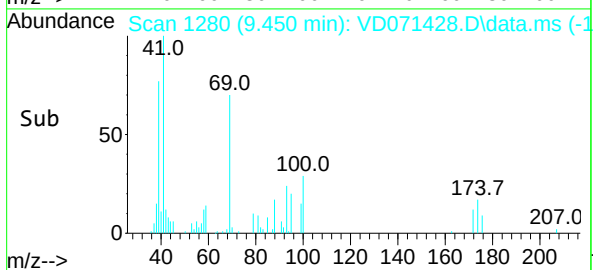
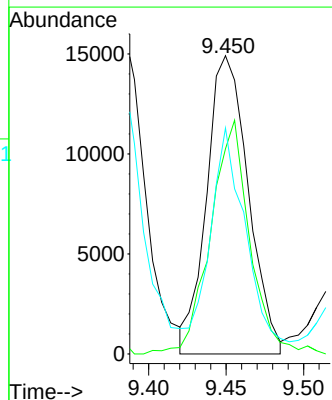
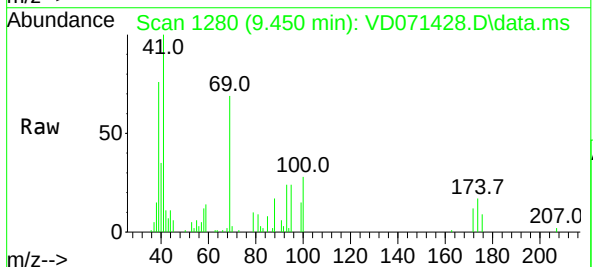
Manual Integrations
APPROVED

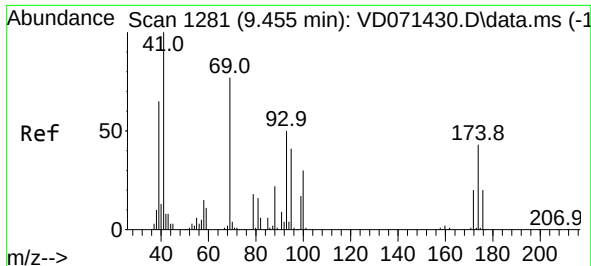
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#48
Methyl methacrylate
Concen: 12.498 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion: 41 Resp: 27879
Ion Ratio Lower Upper
41 100
69 74.1 69.8 104.6
39 57.1 35.6 53.4





#49

1,4-Dioxane

Concen: 301.856 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD071428.D

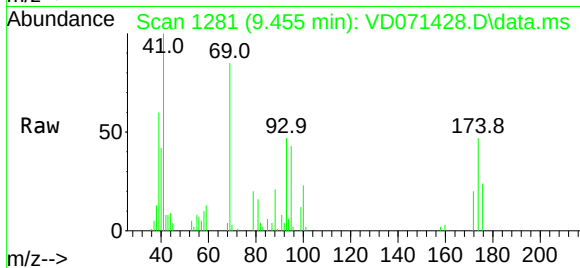
Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

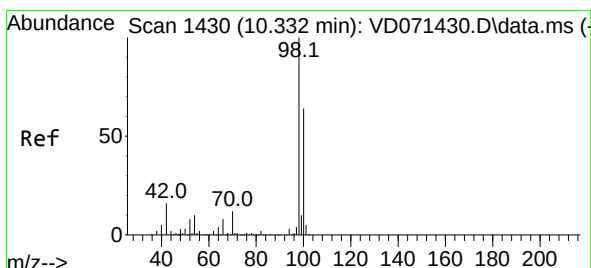
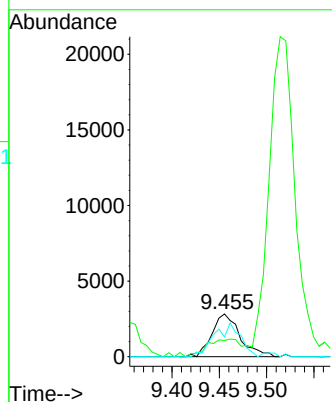
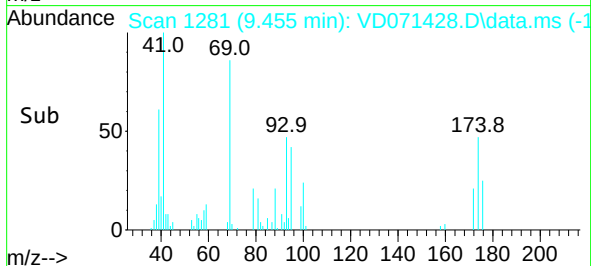


Tgt Ion:	88	Resp:	580
Ion	Ratio	Lower	Upper
88	100		
43	47.2	28.9	43.3
58	73.8	56.3	84.5

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 10.947 ug/l

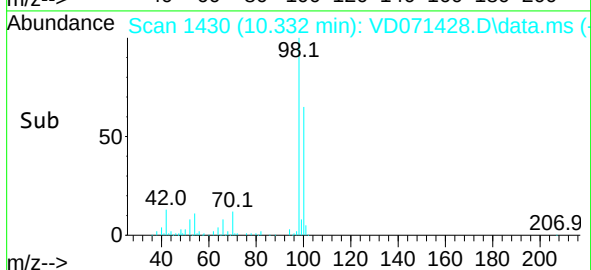
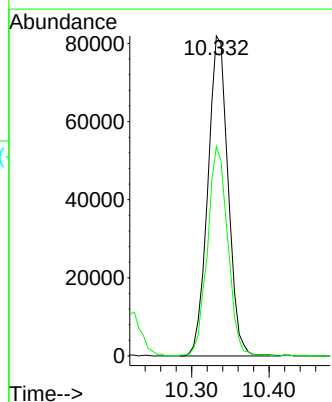
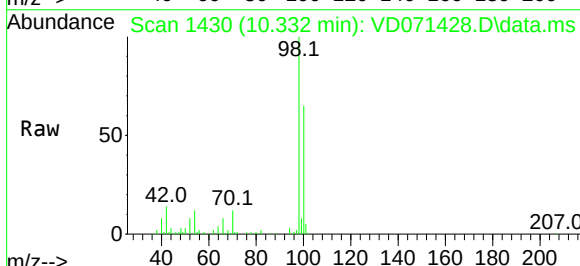
RT: 10.332 min Scan# 1430

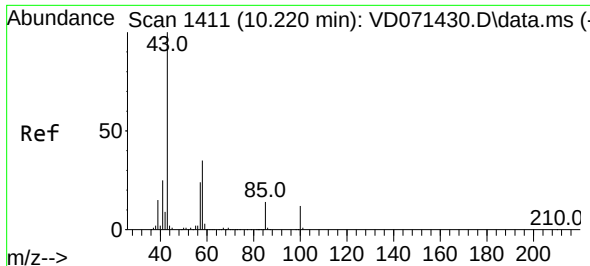
Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

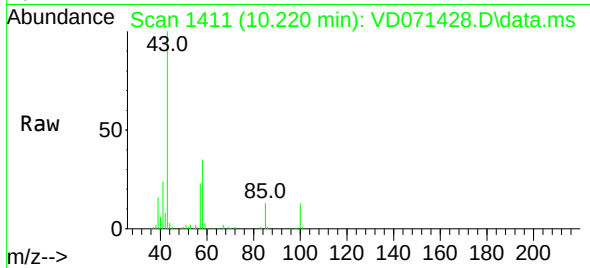
Tgt Ion:	98	Resp:	148402
Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 66.045 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

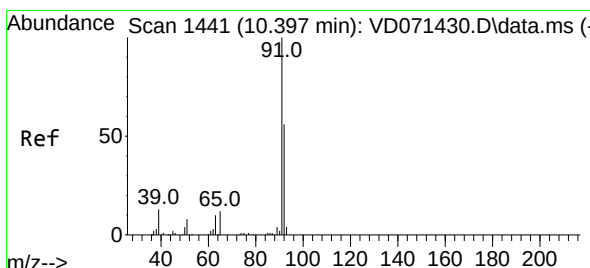
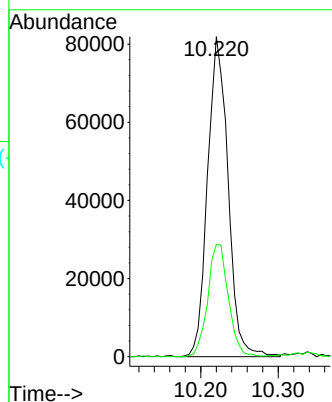
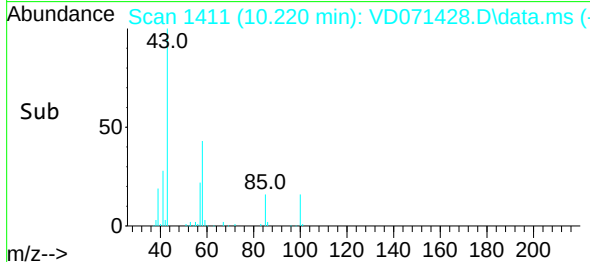
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 150520
Ion Ratio Lower Upper
43 100
58 35.4 33.1 49.7

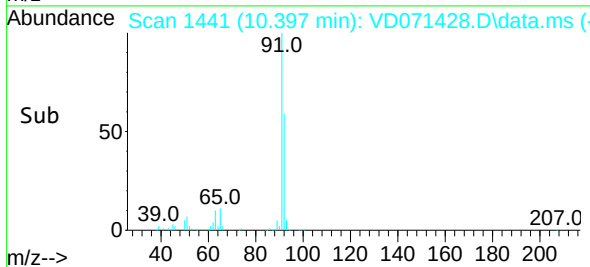
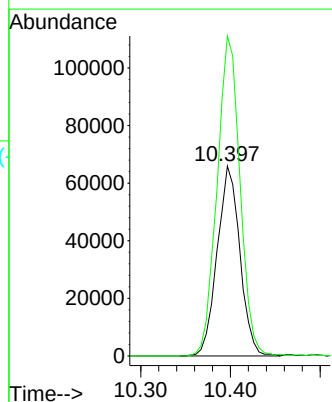
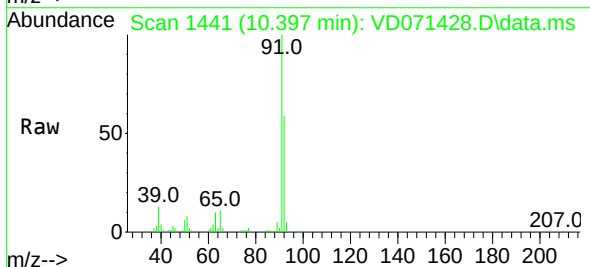
Manual Integrations
APPROVED

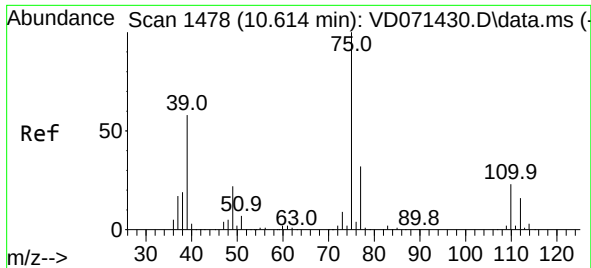
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#52
Toluene
Concen: 12.953 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

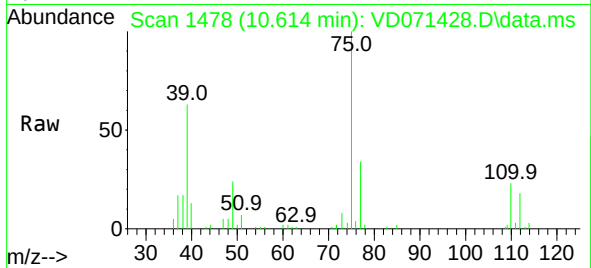
Tgt Ion: 92 Resp: 115660
Ion Ratio Lower Upper
92 100
91 170.6 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 12.275 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

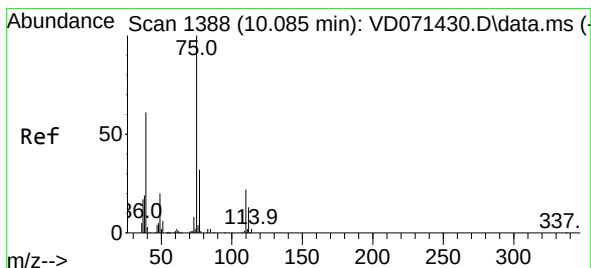
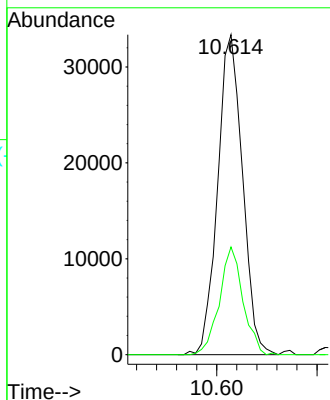
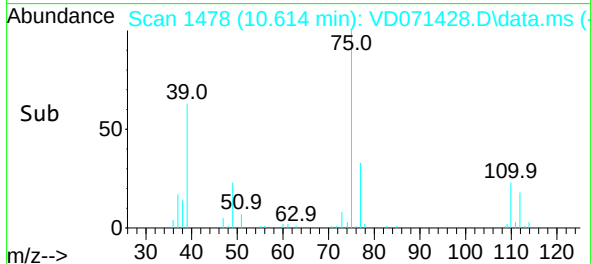
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



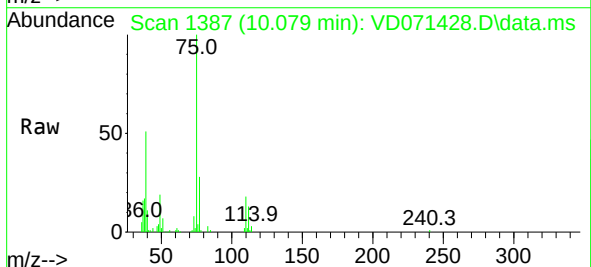
Tgt Ion: 75 Resp: 57358
Ion Ratio Lower Upper
75 100
77 33.7 24.5 36.7

Manual Integrations
APPROVED

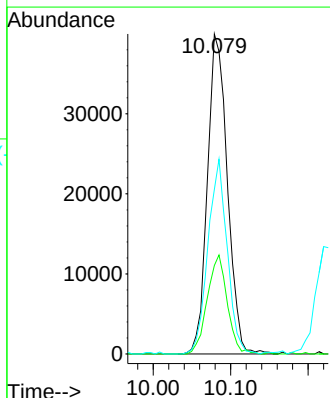
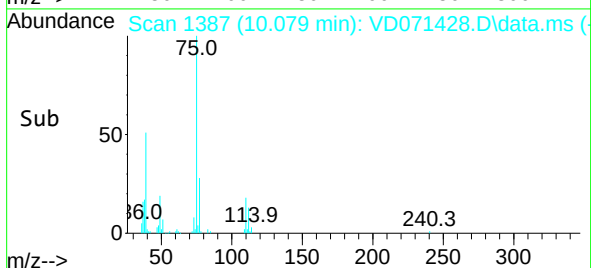
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

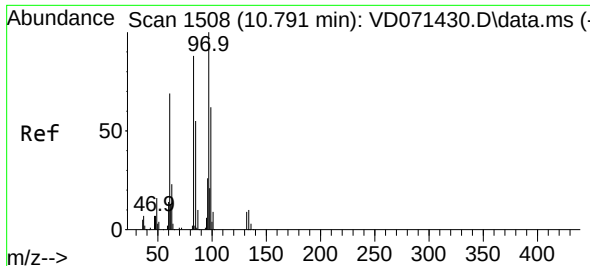


#54
cis-1,3-Dichloropropene
Concen: 12.935 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



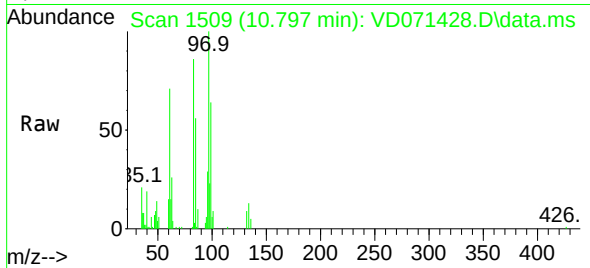
Tgt Ion: 75 Resp: 71718
Ion Ratio Lower Upper
75 100
77 27.7 25.0 37.6
39 51.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 12.540 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

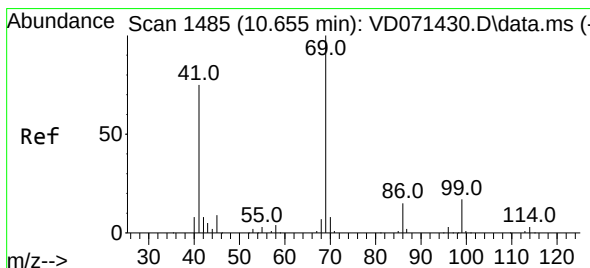
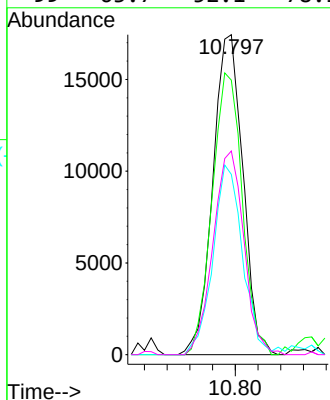
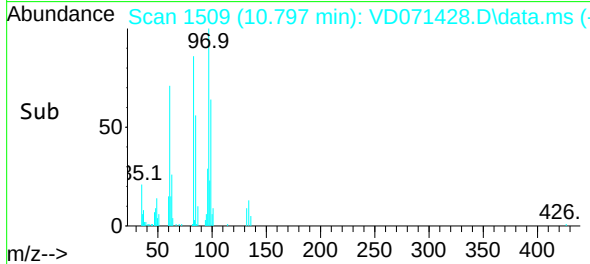
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 97 Resp: 3201
Ion Ratio Lower Upper
97 100
83 85.8 65.2 97.8
85 56.4 43.4 65.0
99 63.7 52.1 78.1

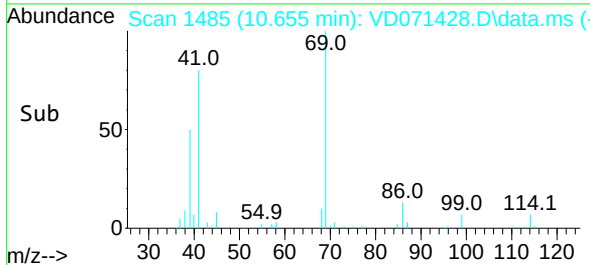
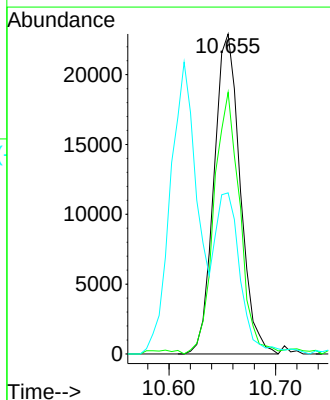
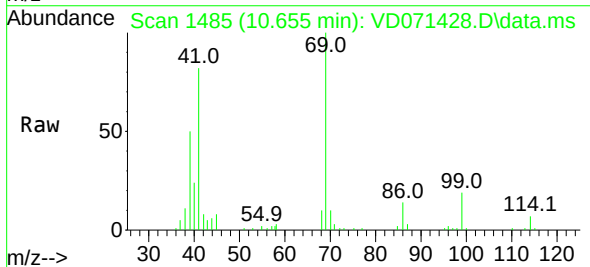
Manual Integrations
APPROVED

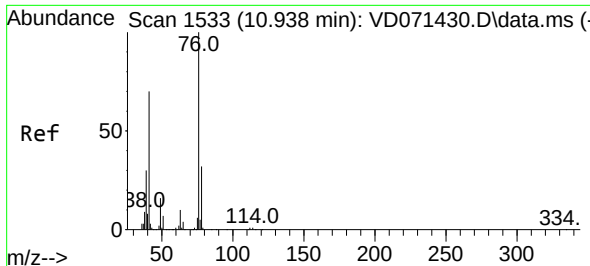
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#56
Ethyl methacrylate
Concen: 12.109 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion: 69 Resp: 39017
Ion Ratio Lower Upper
69 100
41 80.7 50.2 75.2#
39 48.2 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 13.362 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 5966

Ion Ratio Lower Upper

76 100

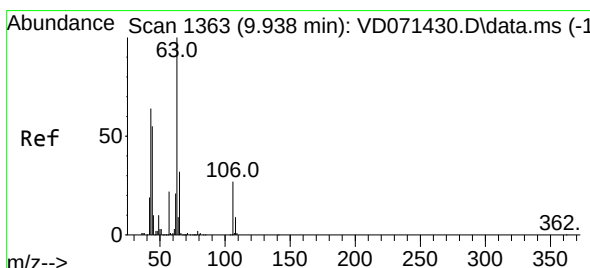
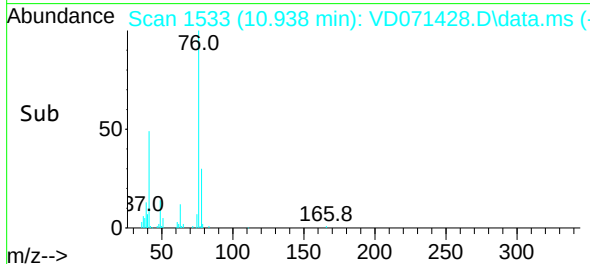
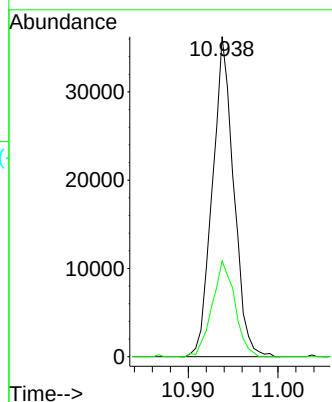
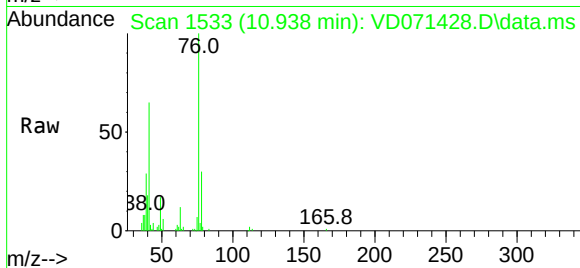
78 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#58

2-Chloroethyl Vinyl ether

Concen: 51.048 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD071428.D

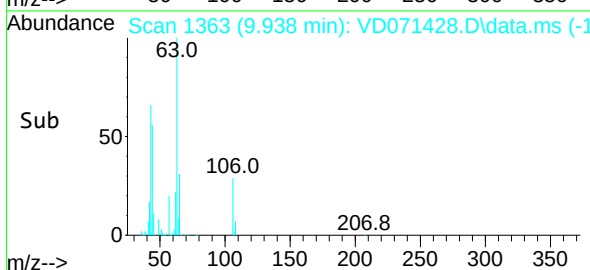
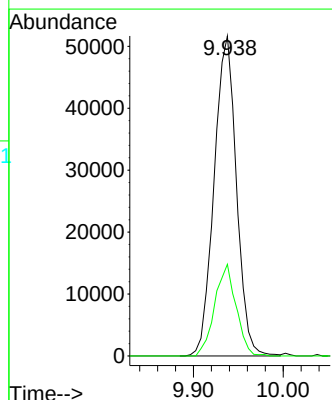
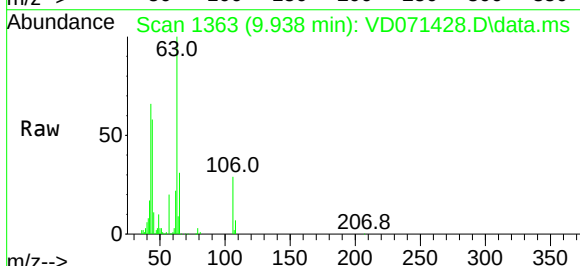
Acq: 22 Dec 2021 18:53

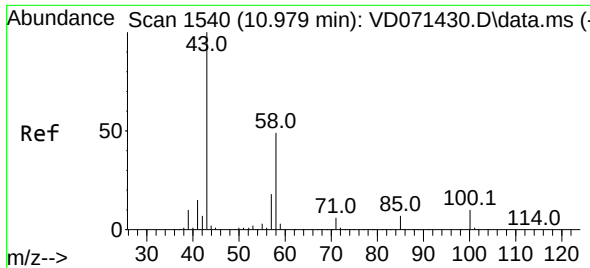
Tgt Ion: 63 Resp: 89233

Ion Ratio Lower Upper

63 100

106 27.4 21.0 31.4





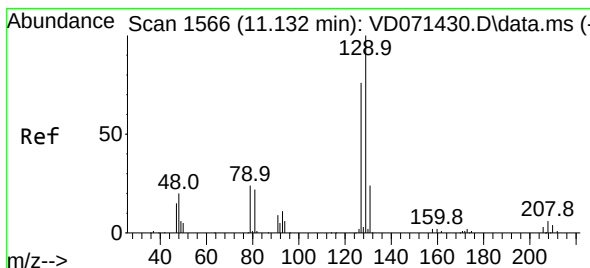
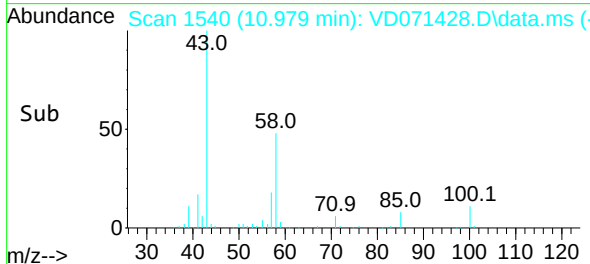
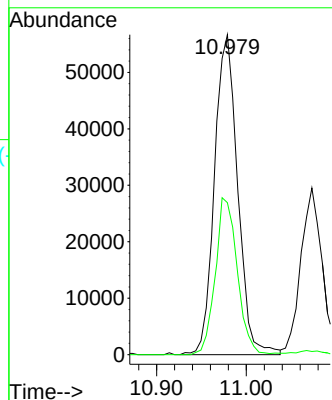
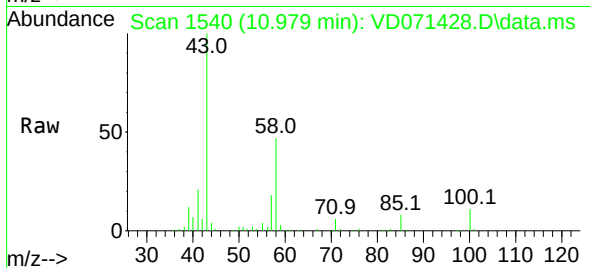
#59
2-Hexanone
Concen: 61.362 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 10175
Ion Ratio Lower Upper
43 100
58 46.3 28.7 86.1

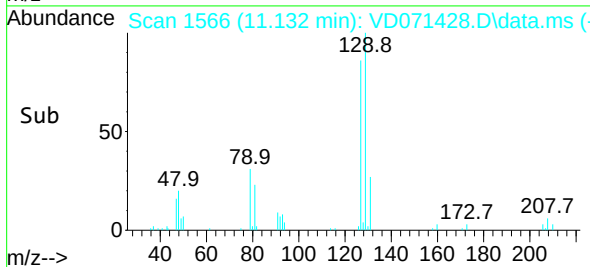
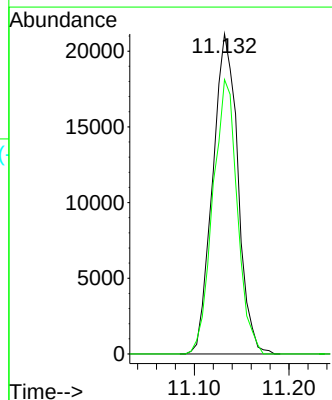
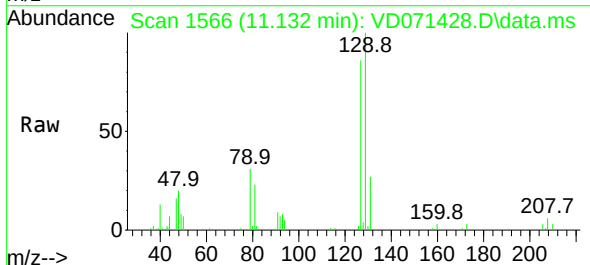
Manual Integrations
APPROVED

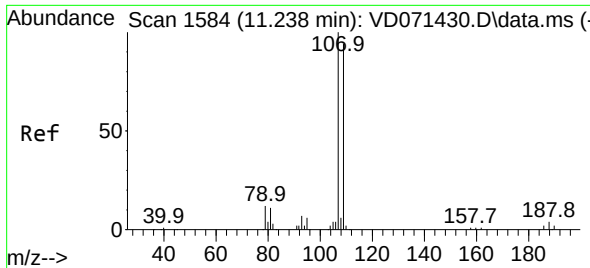
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#60
Dibromochloromethane
Concen: 12.330 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

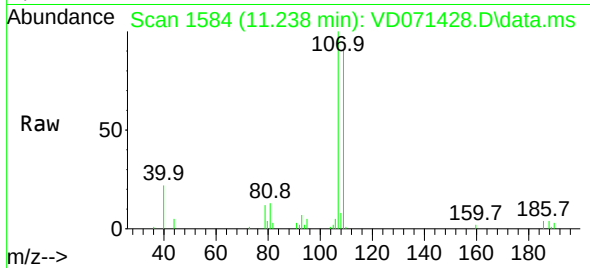
Tgt Ion:129 Resp: 39058
Ion Ratio Lower Upper
129 100
127 83.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 12.814 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

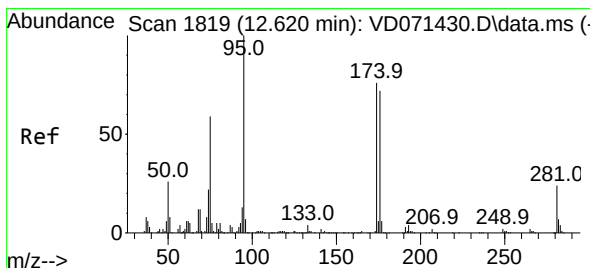
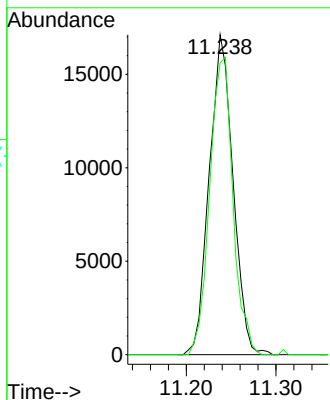
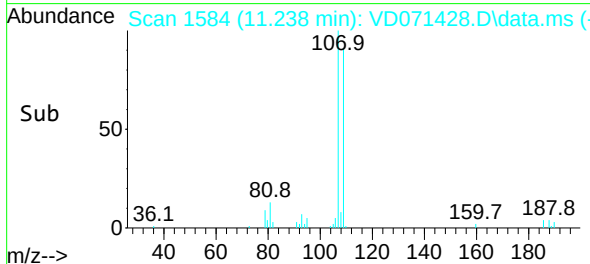
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



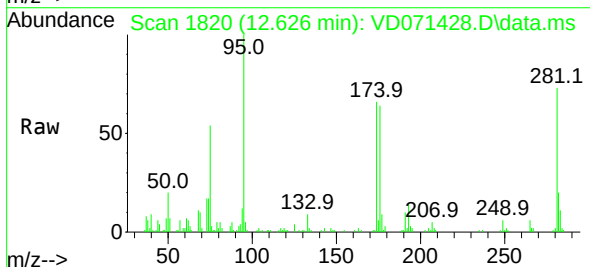
Tgt Ion:107 Resp: 31459
Ion Ratio Lower Upper
107 100
109 91.1 74.6 112.0

Manual Integrations
APPROVED

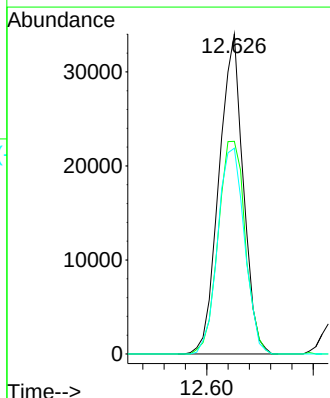
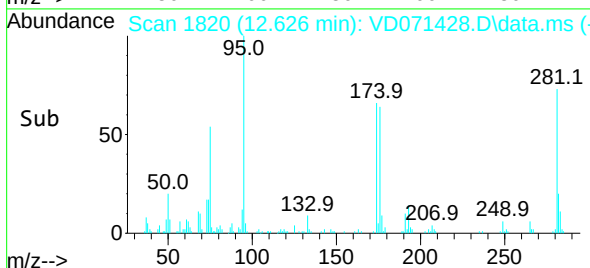
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

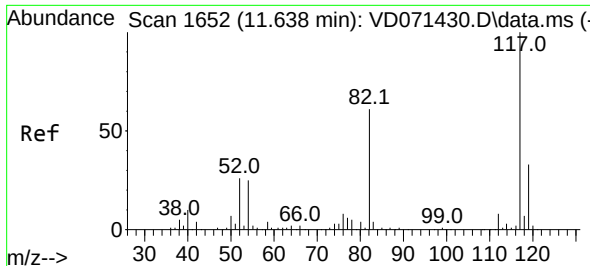


#62
4-Bromofluorobenzene
Concen: 11.381 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



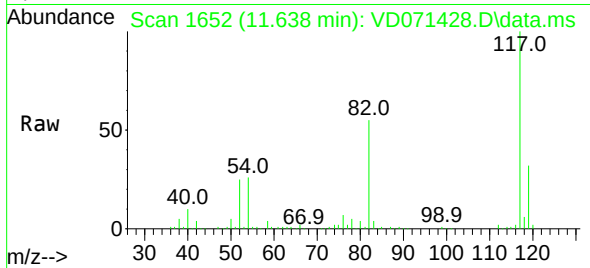
Tgt Ion: 95 Resp: 53566
Ion Ratio Lower Upper
95 100
174 74.6 0.0 159.4
176 71.2 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

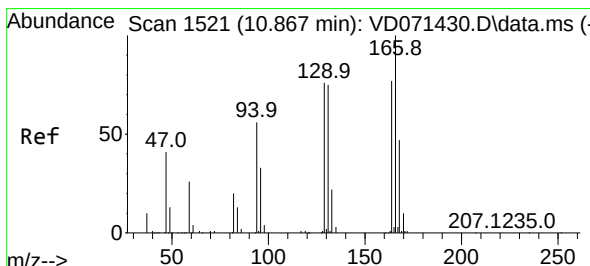
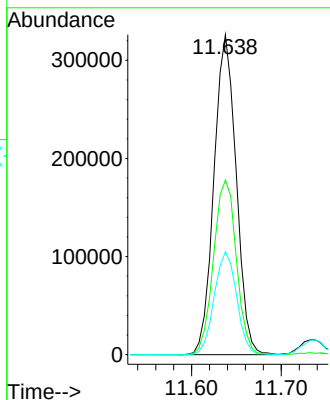
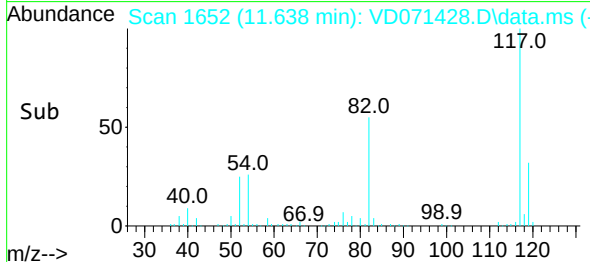
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 560558
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 32.2 26.2 39.4

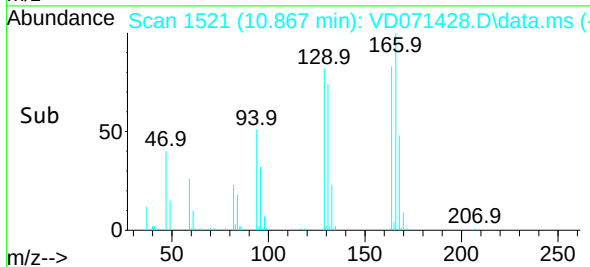
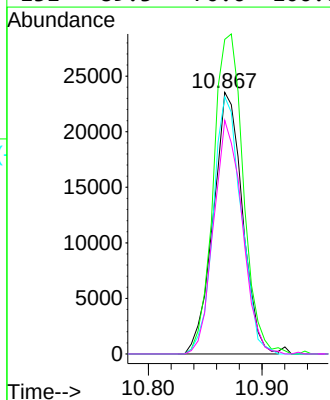
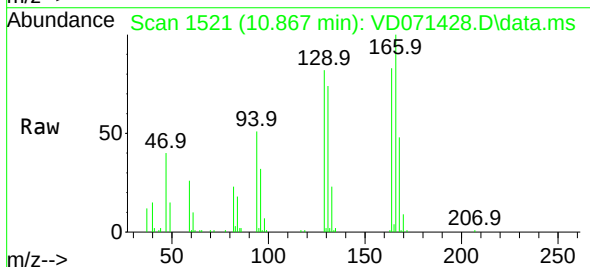
Manual Integrations
APPROVED

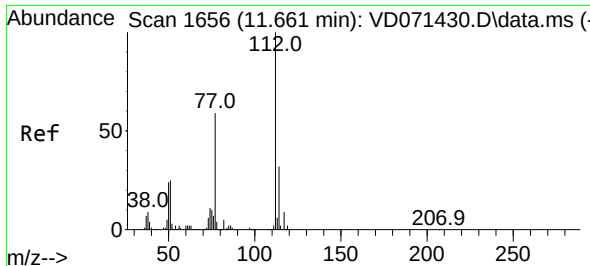
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#64
Tetrachloroethene
Concen: 13.055 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

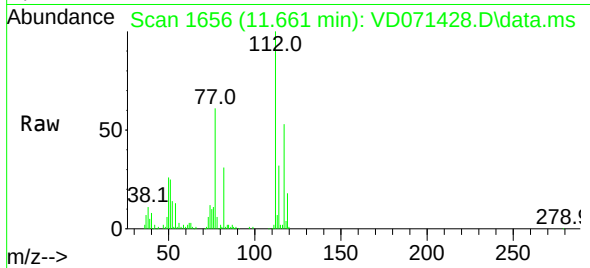
Tgt Ion:164 Resp: 42007
Ion Ratio Lower Upper
164 100
166 120.2 102.6 153.8
129 98.3 75.4 113.0
131 89.3 70.6 106.0





#65
Chlorobenzene
Concen: 12.834 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

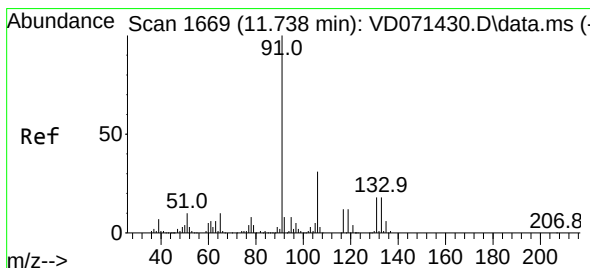
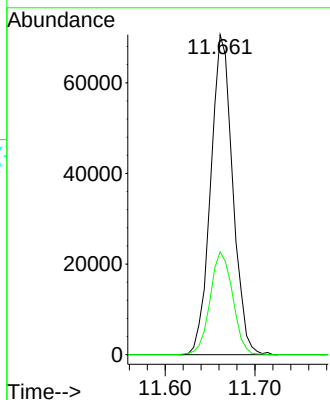
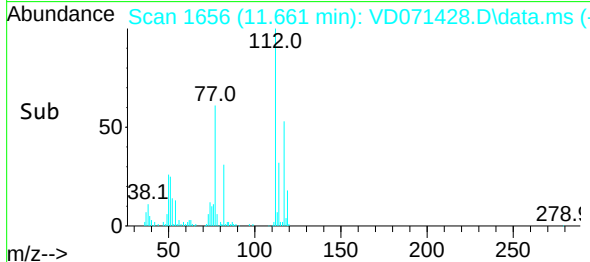
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



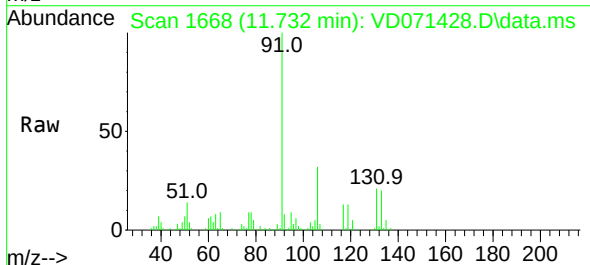
Tgt Ion:112 Resp: 12034
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

Manual Integrations
APPROVED

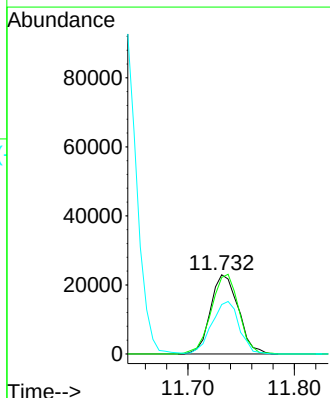
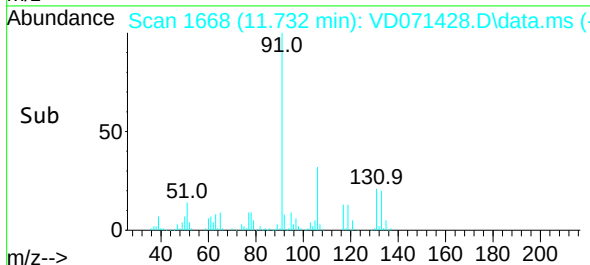
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

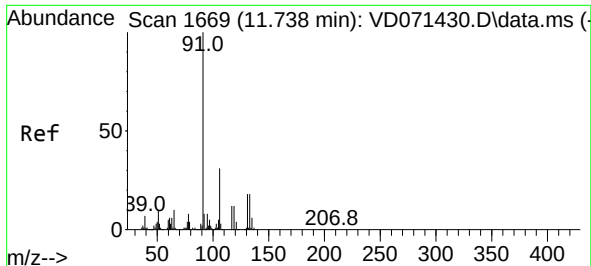


#66
1,1,1,2-Tetrachloroethane
Concen: 12.132 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



Tgt Ion:131 Resp: 41563
Ion Ratio Lower Upper
131 100
133 99.5 48.0 144.0
119 65.3 33.5 100.4





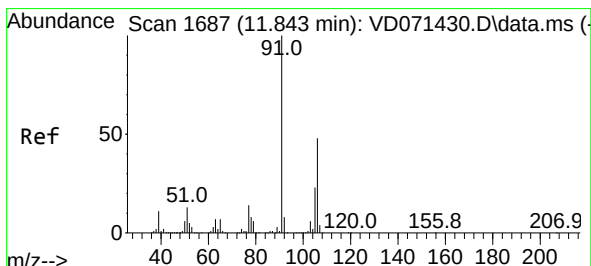
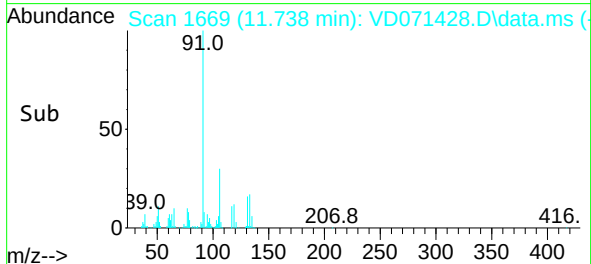
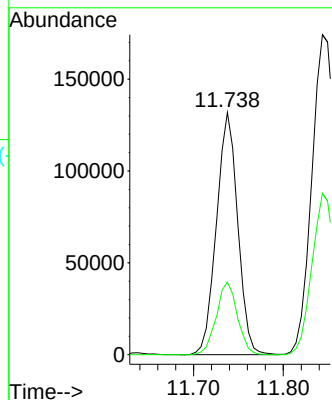
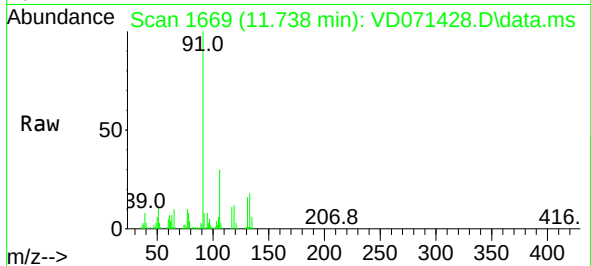
#67
Ethyl Benzene
Concen: 12.327 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 216894
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8

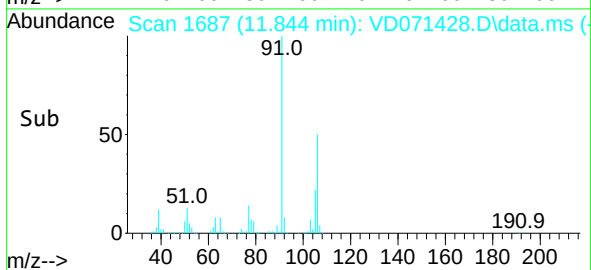
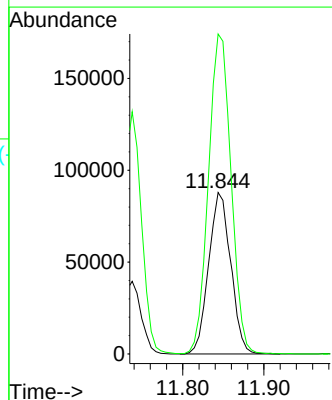
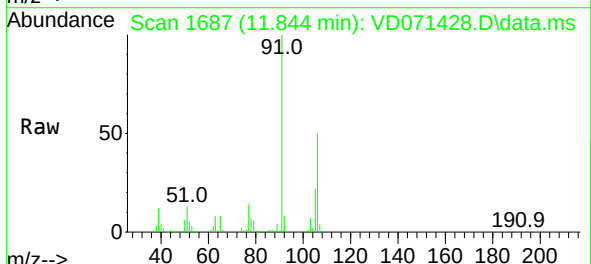
Manual Integrations
APPROVED

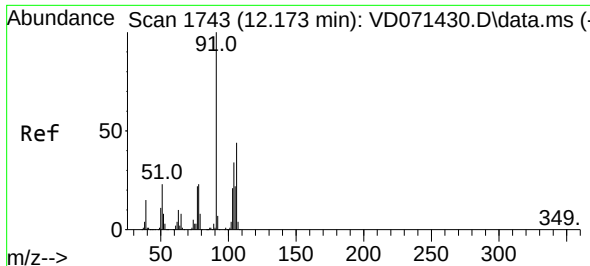
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#68
m/p-Xylenes
Concen: 24.964 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

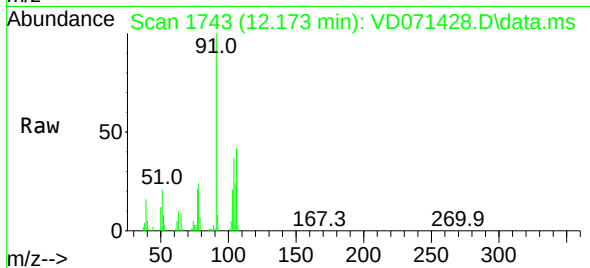
Tgt Ion:106 Resp: 166147
Ion Ratio Lower Upper
106 100
91 202.7 160.1 240.1





#69
o-Xylene
Concen: 11.754 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

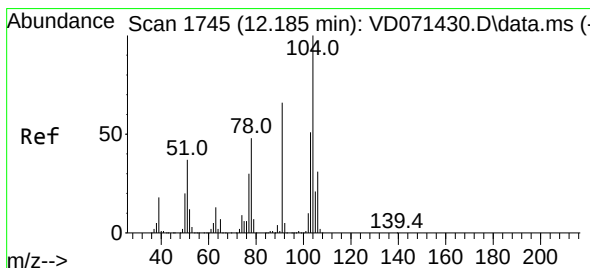
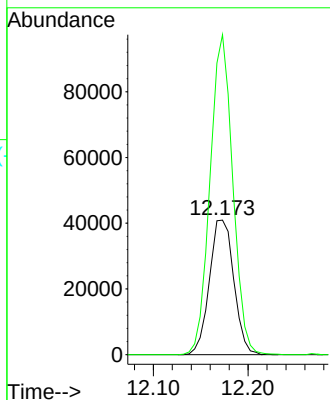
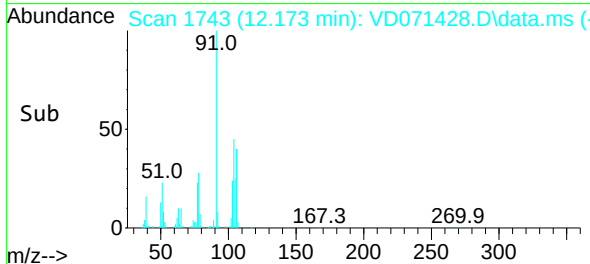
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion:106 Resp: 73349
Ion Ratio Lower Upper
106 100
91 221.0 106.3 319.0

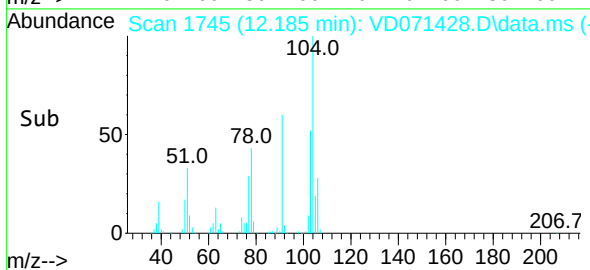
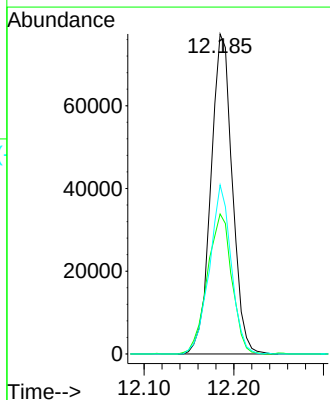
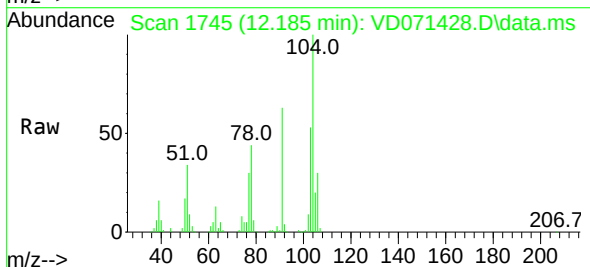
Manual Integrations
APPROVED

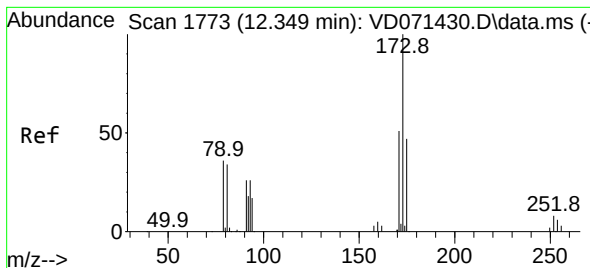
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#70
Styrene
Concen: 12.189 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion:104 Resp: 128120
Ion Ratio Lower Upper
104 100
78 49.9 39.4 59.0
103 53.6 43.4 65.0





#71

Bromoform

Concen: 12.034 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion:173 Resp: 2166

Ion Ratio Lower Upper

173 100

175 50.4 24.1 72.2

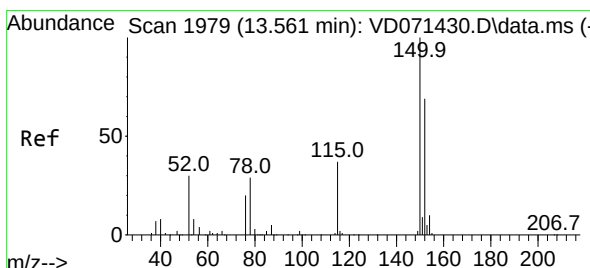
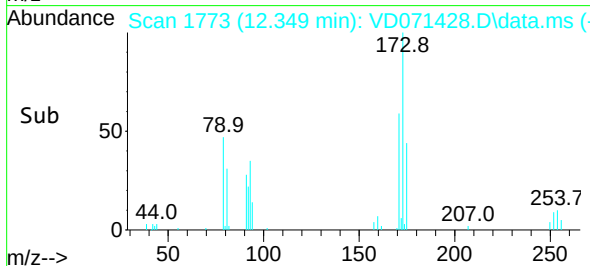
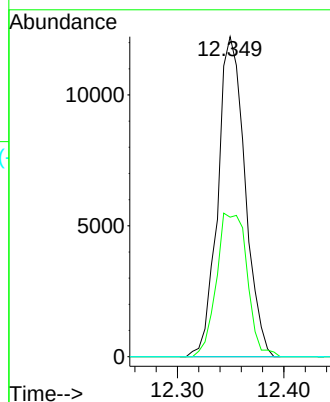
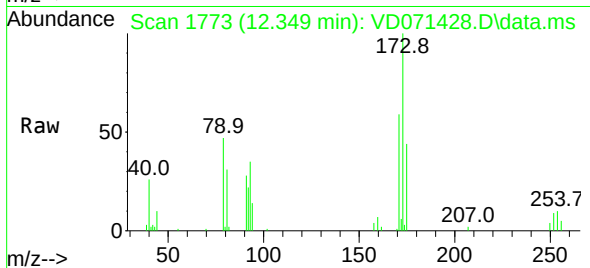
254 0.0 0.1 0.1

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: VD071428.D

Acq: 22 Dec 2021 18:53

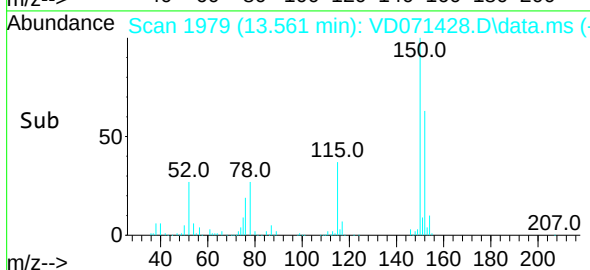
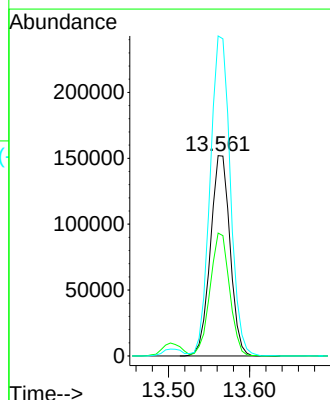
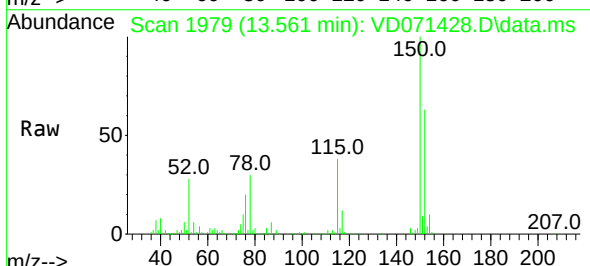
Tgt Ion:152 Resp: 255580

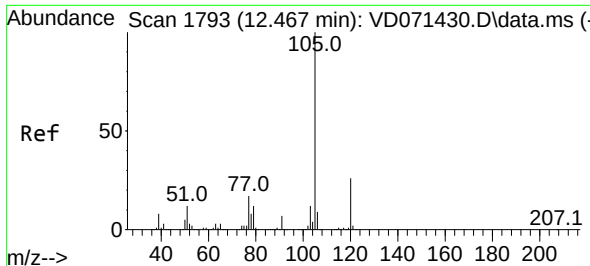
Ion Ratio Lower Upper

152 100

115 60.9 29.8 89.3

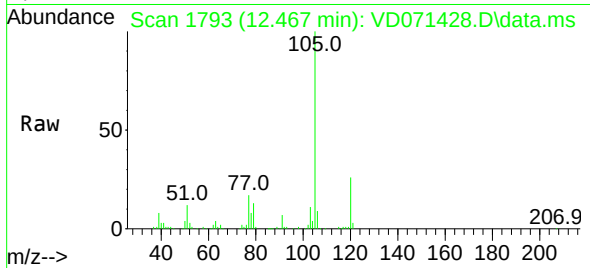
150 163.8 0.0 349.2





#73
Isopropylbenzene
Concen: 12.451 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

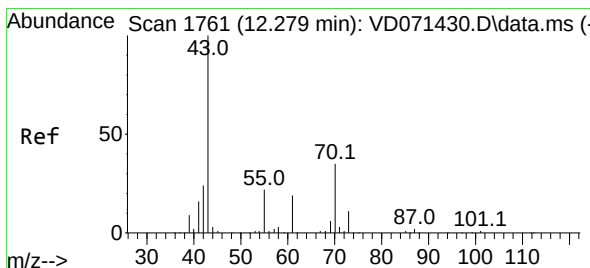
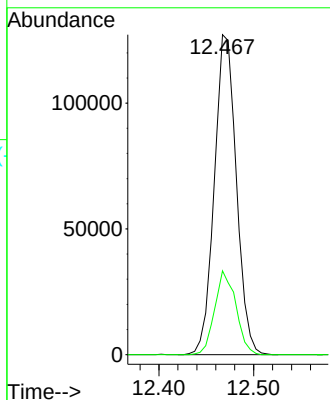
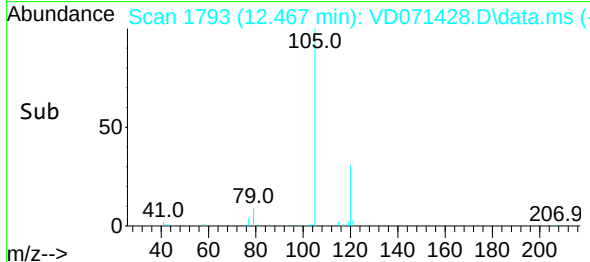
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion:105 Resp: 205770
Ion Ratio Lower Upper
105 100
120 25.2 13.2 39.5

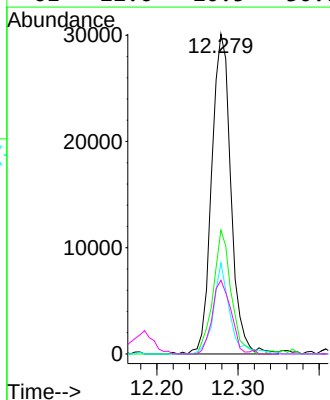
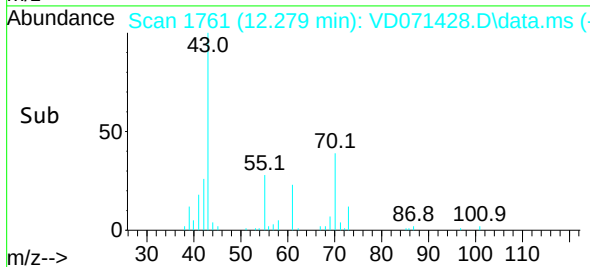
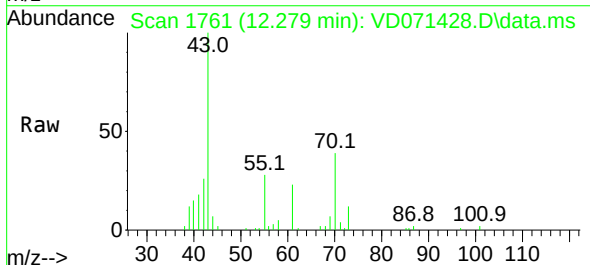
Manual Integrations
APPROVED

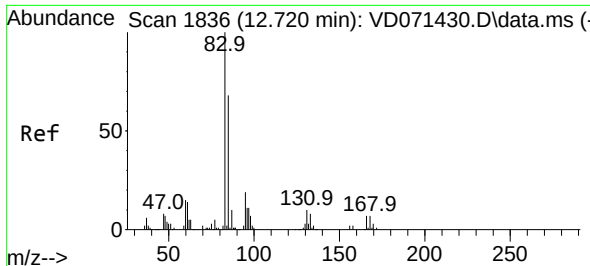
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#74
N-ethyl acetate
Concen: 12.183 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

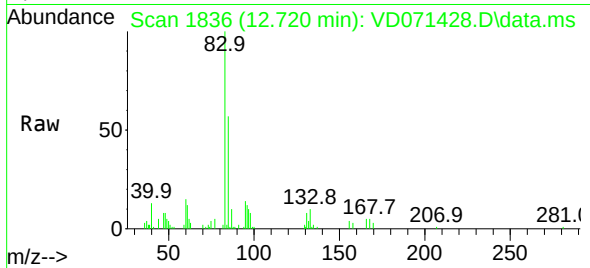
Tgt Ion: 43 Resp: 49684
Ion Ratio Lower Upper
43 100
70 35.9 36.6 55.0#
55 24.1 22.5 33.7
61 22.6 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 13.599 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

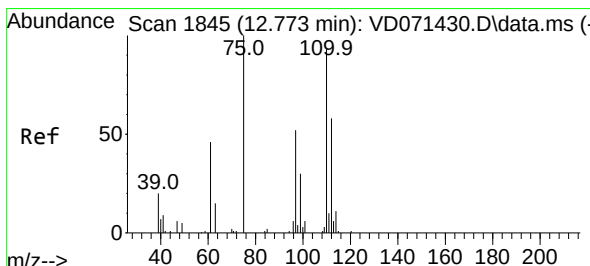
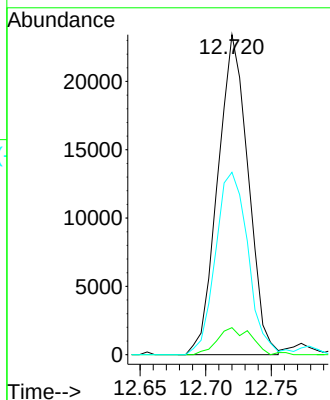
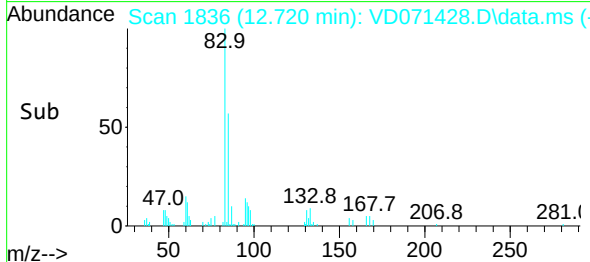
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



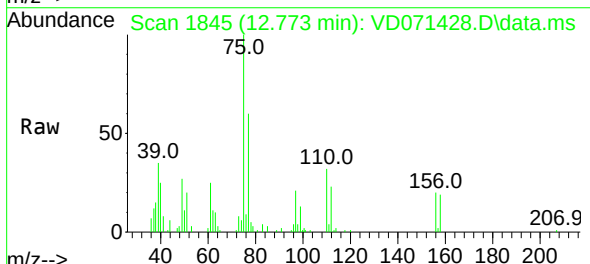
Tgt Ion: 83 Resp: 37740
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 61.3 32.0 96.2

Manual Integrations
APPROVED

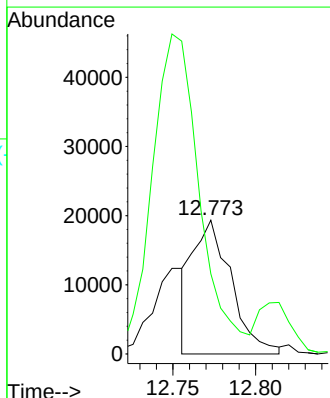
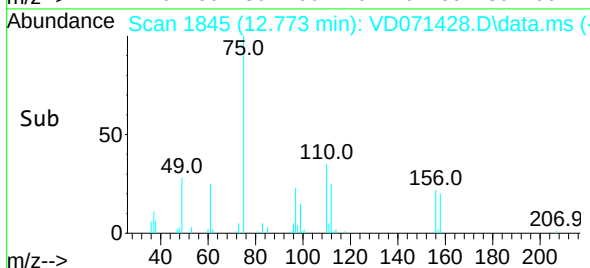
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

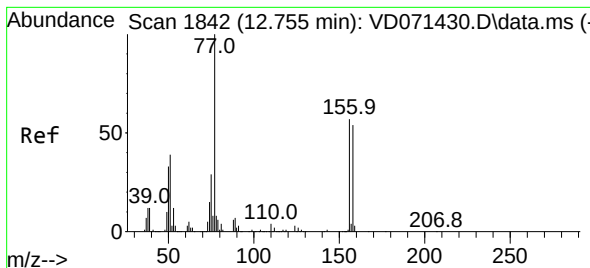


#76
1,2,3-Trichloropropane
Concen: 13.745 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



Tgt Ion: 75 Resp: 31458
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77

Bromobenzene

Concen: 13.049 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Instrument :

MSVOA_D

ClientSampleId :

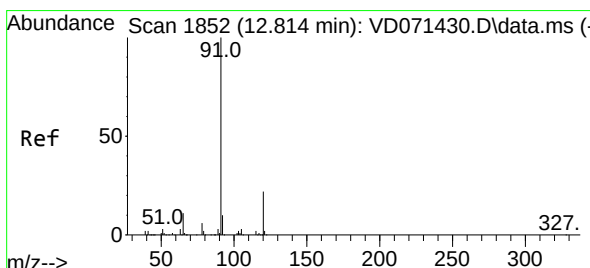
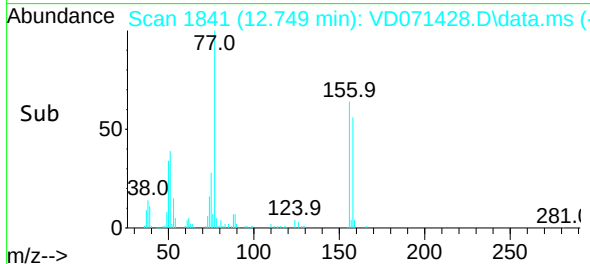
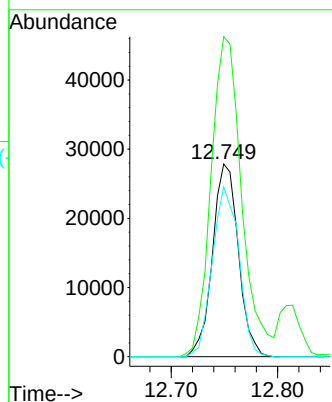
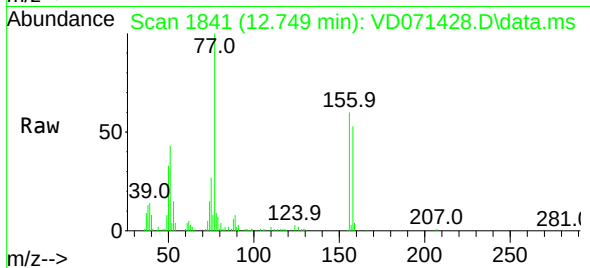
VSTDIC010

Tgt Ion:156 Resp: 4699
 Ion Ratio Lower Upper
 156 100
 77 197.0 96.6 289.8
 158 90.7 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: 12.738 ug/l

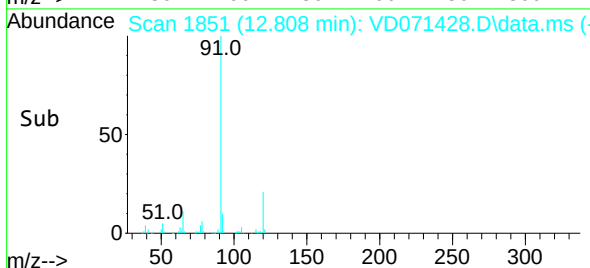
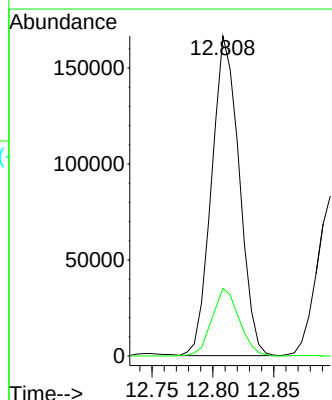
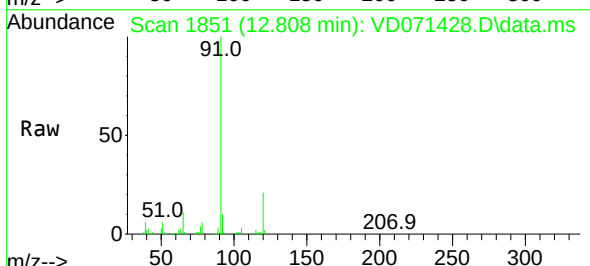
RT: 12.808 min Scan# 1851

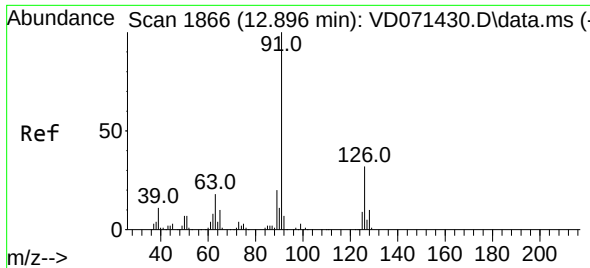
Delta R.T. 0.000 min

Lab File: VD071428.D

Acq: 22 Dec 2021 18:53

Tgt Ion: 91 Resp: 262523
 Ion Ratio Lower Upper
 91 100
 120 20.9 10.9 32.9





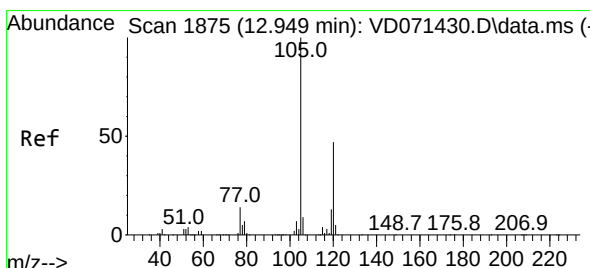
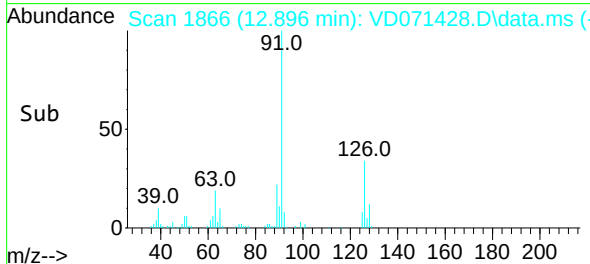
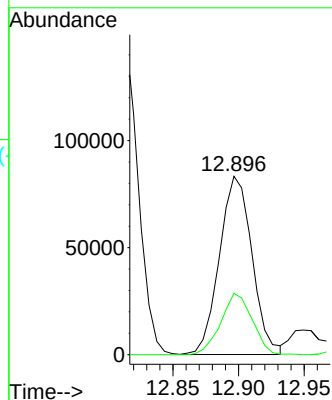
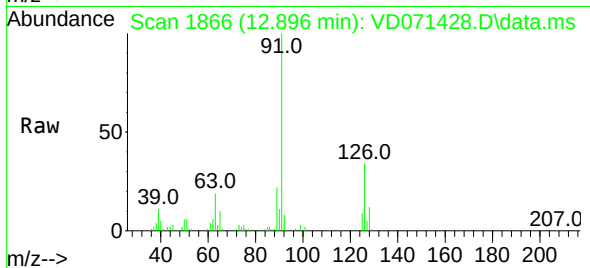
#79
2-Chlorotoluene
Concen: 12.437 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 144084
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

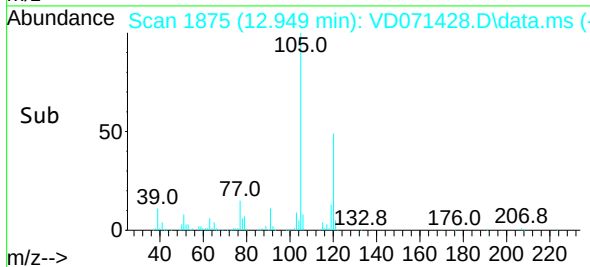
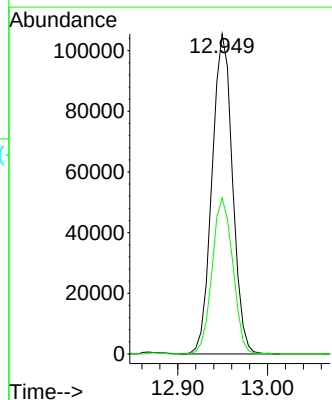
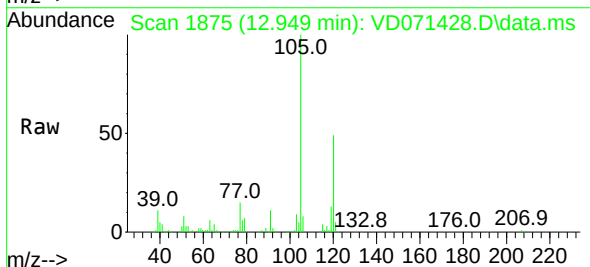
Manual Integrations
APPROVED

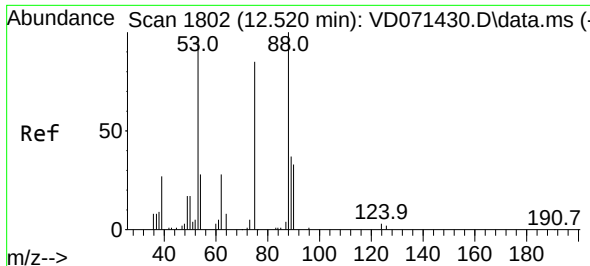
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#80
1,3,5-Trimethylbenzene
Concen: 12.272 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

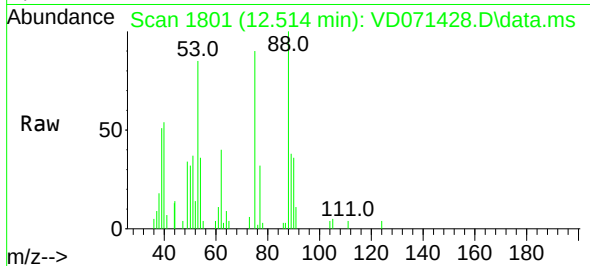
Tgt Ion:105 Resp: 167208
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 11.673 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

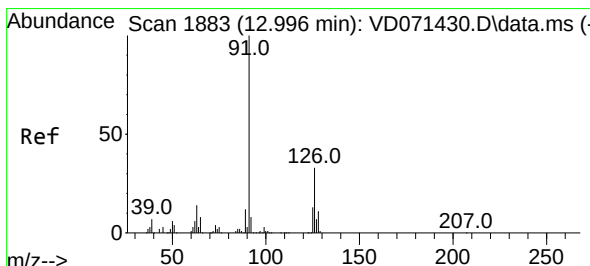
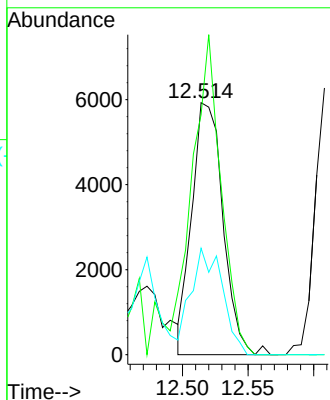
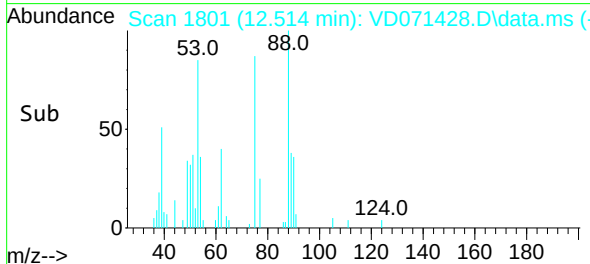
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 9780
Ion Ratio Lower Upper
75 100
53 119.5 62.6 94.0
89 42.6 34.5 51.7

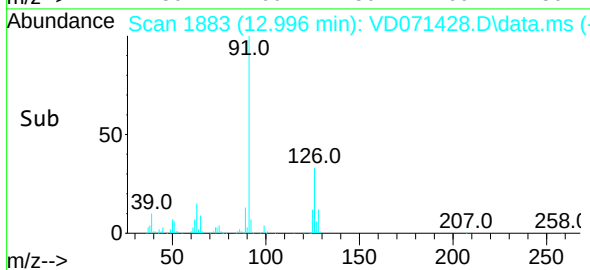
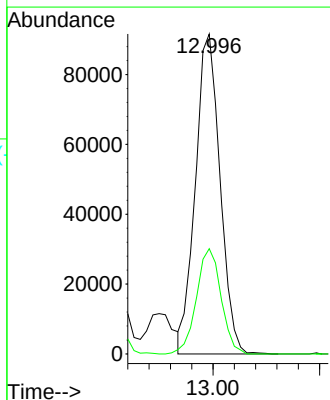
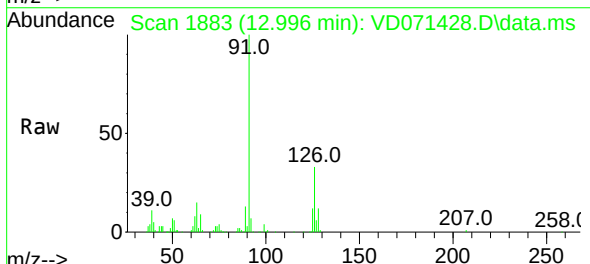
Manual Integrations
APPROVED

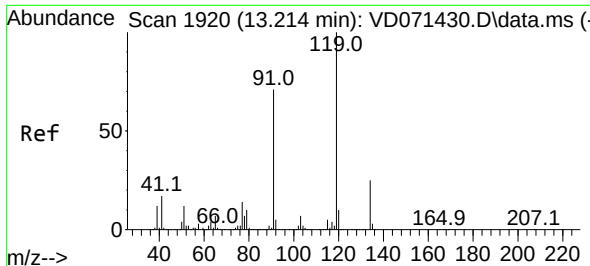
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#82
4-Chlorotoluene
Concen: 12.212 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

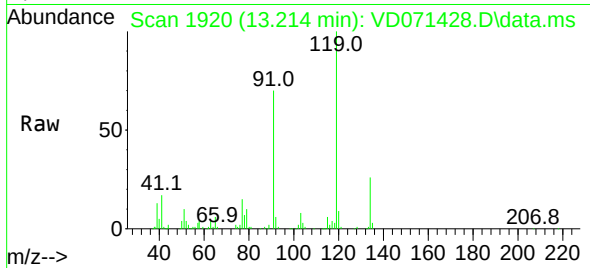
Tgt Ion: 91 Resp: 147047
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1





#83
 tert-Butylbenzene
 Concen: 12.219 ug/l
 RT: 13.214 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: VD071428.D
 Acq: 22 Dec 2021 18:53

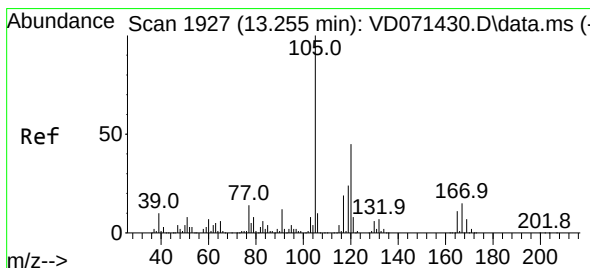
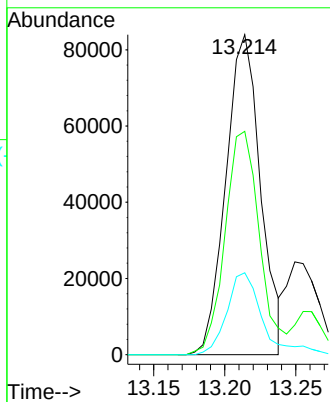
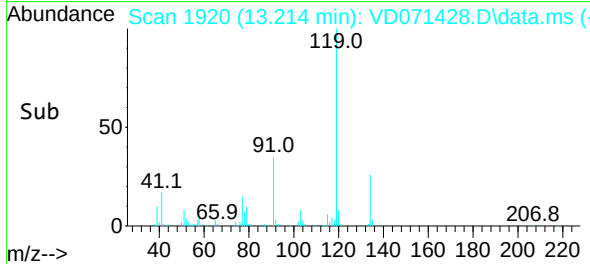
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



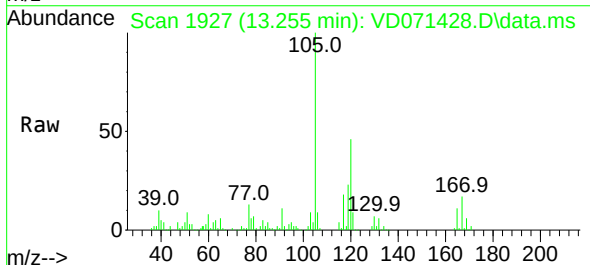
Tgt Ion:119 Resp: 14301
 Ion Ratio Lower Upper
 119 100
 91 69.3 32.5 97.5
 134 26.1 13.2 39.6

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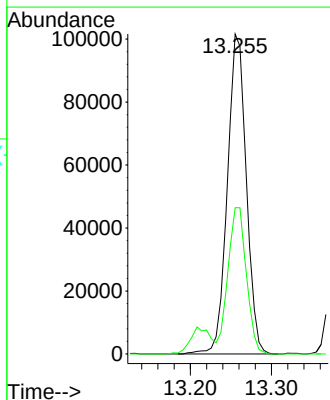
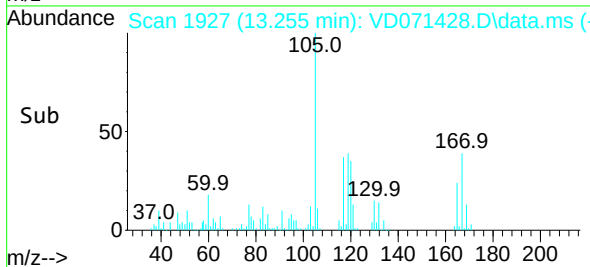
Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

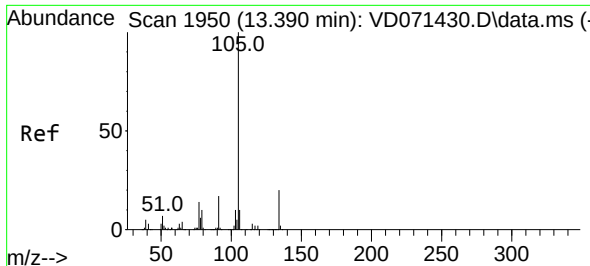


#84
 1,2,4-Trimethylbenzene
 Concen: 12.368 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VD071428.D
 Acq: 22 Dec 2021 18:53



Tgt Ion:105 Resp: 164435
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.9 68.7





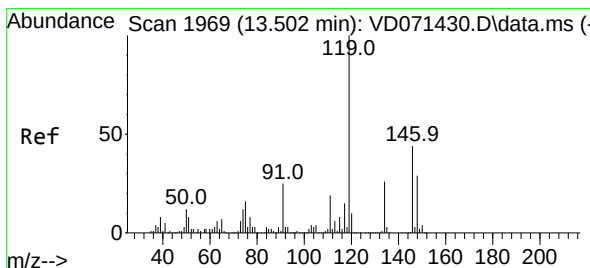
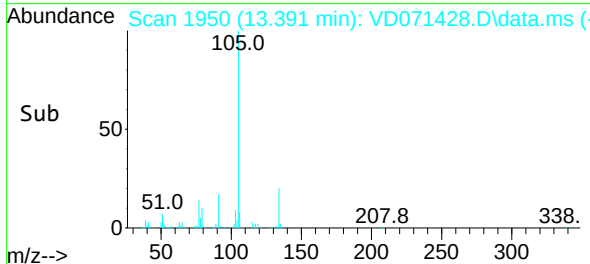
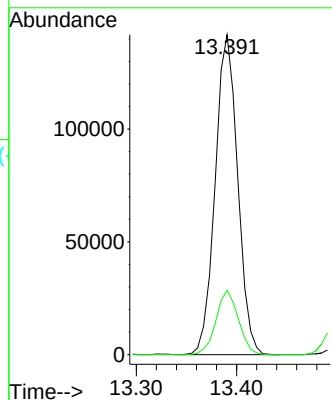
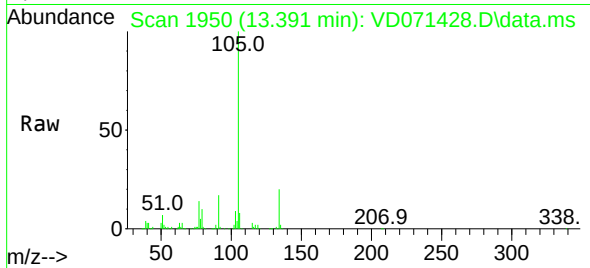
#85
 sec-Butylbenzene
 Concen: 12.361 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071428.D
 Acq: 22 Dec 2021 18:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 22087
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9

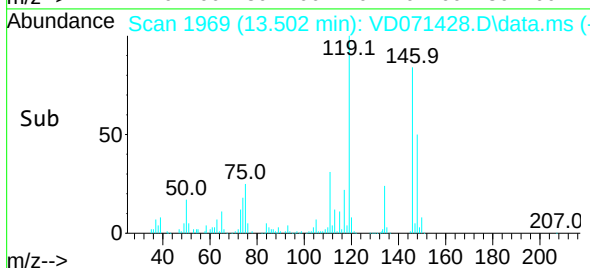
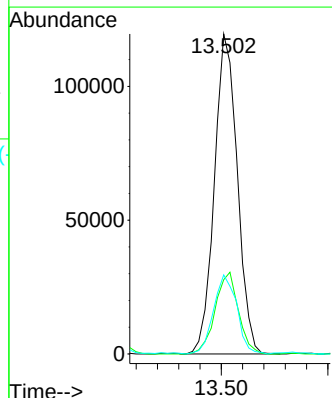
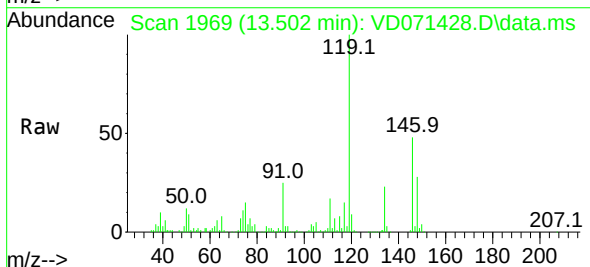
Manual Integrations
 APPROVED

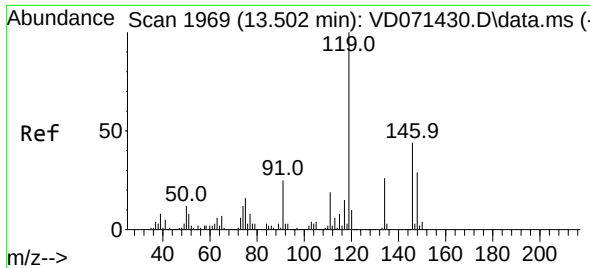
Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#86
 p-Isopropyltoluene
 Concen: 12.236 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071428.D
 Acq: 22 Dec 2021 18:53

Tgt Ion:119 Resp: 178747
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 25.1 11.4 34.2





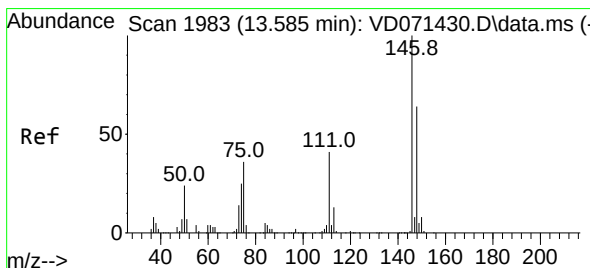
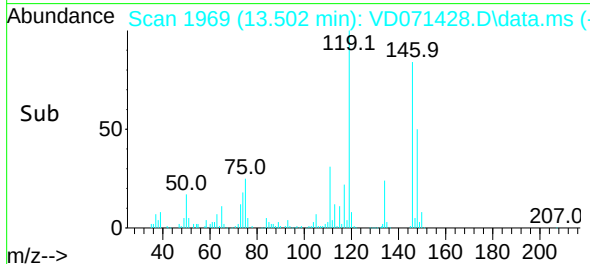
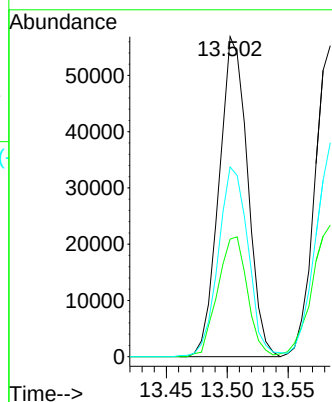
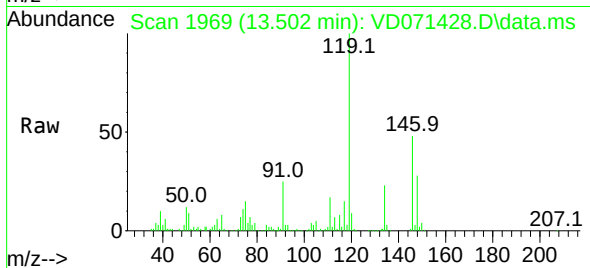
#87
1,3-Dichlorobenzene
Concen: 12.987 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 92900
Ion Ratio Lower Upper
146 100
111 38.9 19.8 59.4
148 62.3 32.1 96.3

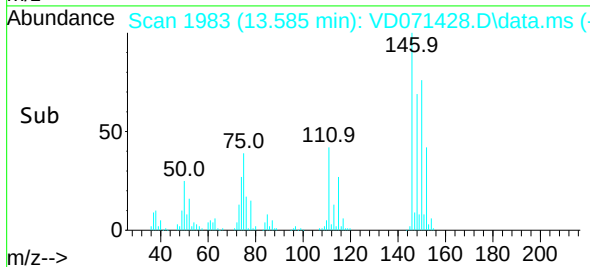
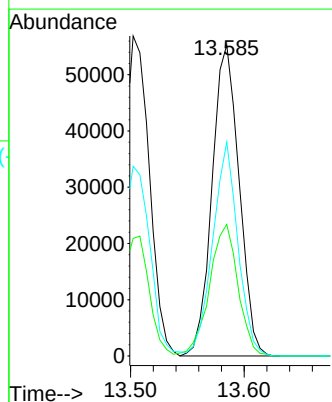
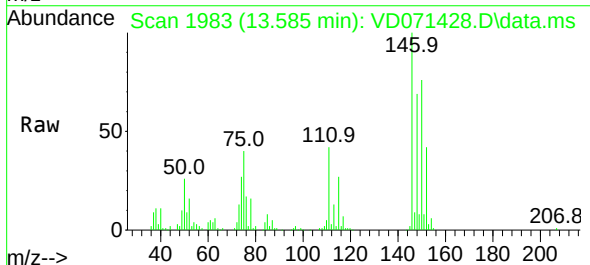
Manual Integrations
APPROVED

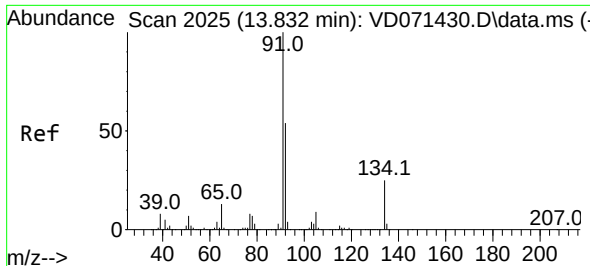
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#88
1,4-Dichlorobenzene
Concen: 12.852 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

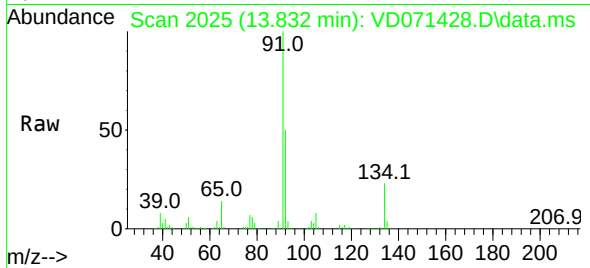
Tgt Ion:146 Resp: 91455
Ion Ratio Lower Upper
146 100
111 44.6 19.6 58.8
148 64.1 31.5 94.5





#89
n-Butylbenzene
Concen: 12.456 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

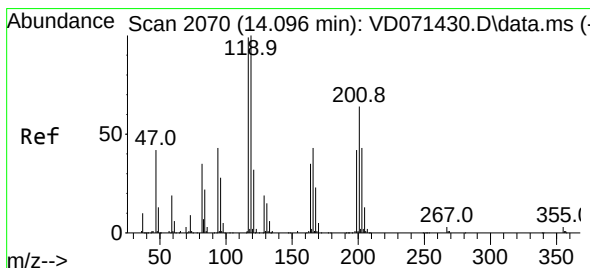
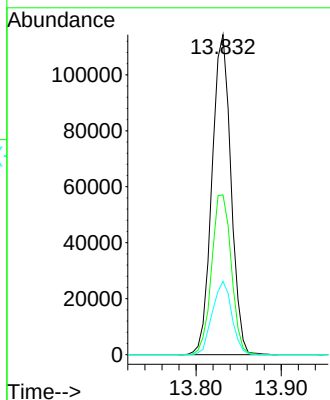
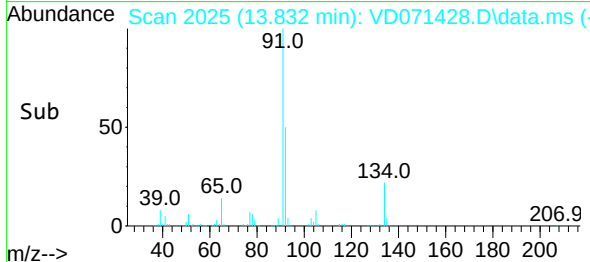
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 177124
Ion Ratio Lower Upper
91 100
92 51.7 27.3 81.9
134 23.4 12.3 36.9

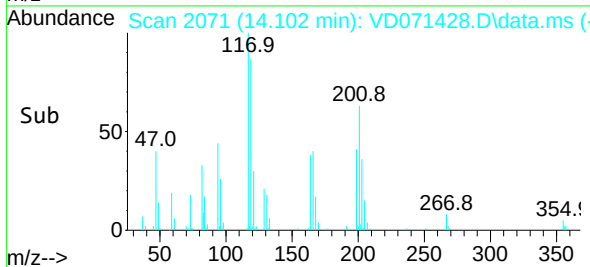
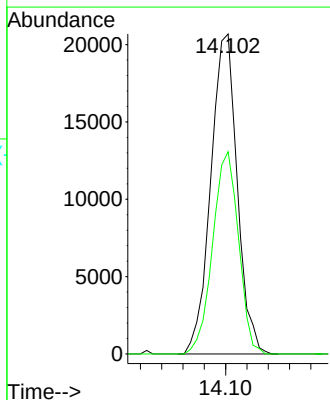
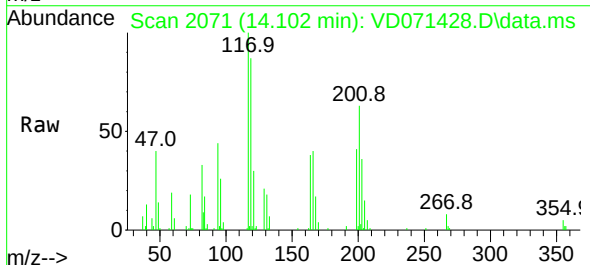
Manual Integrations
APPROVED

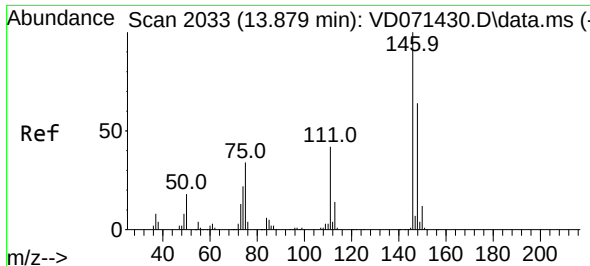
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#90
Hexachloroethane
Concen: 12.926 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion:117 Resp: 35654
Ion Ratio Lower Upper
117 100
201 61.7 36.0 108.1





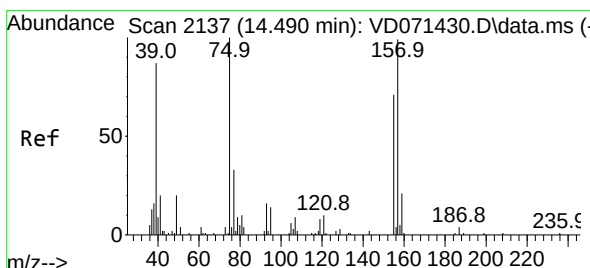
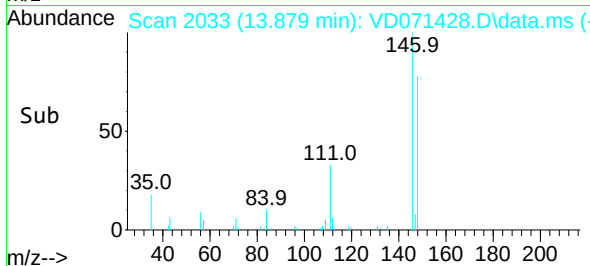
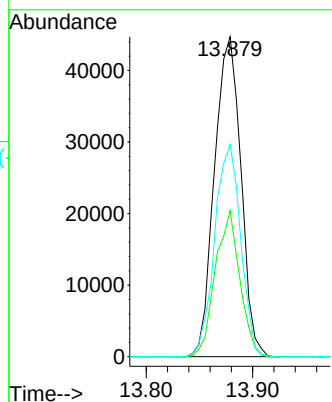
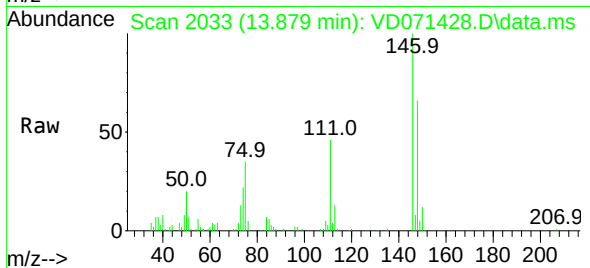
#91
1,2-Dichlorobenzene
Concen: 12.611 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 7700
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.2
148 65.3 31.7 95.1

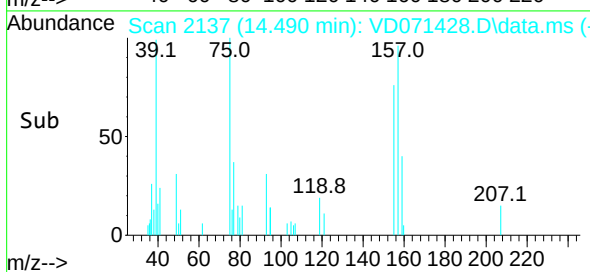
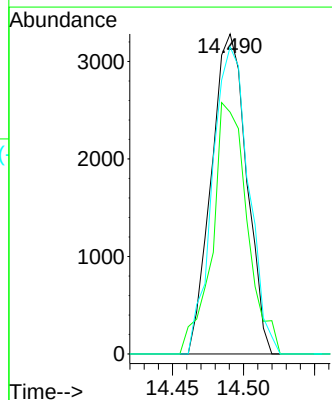
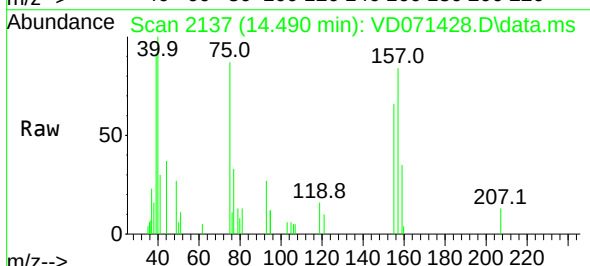
Manual Integrations
APPROVED

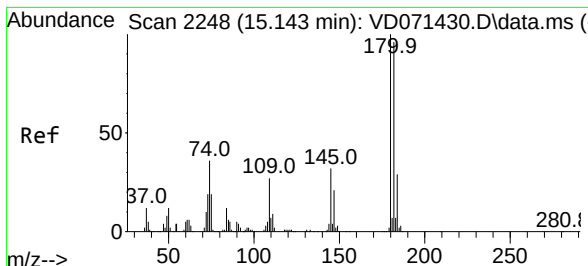
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 12.379 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

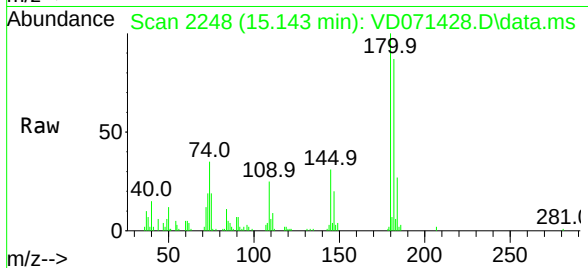
Tgt Ion: 75 Resp: 5673
Ion Ratio Lower Upper
75 100
155 77.6 40.0 120.0
157 98.5 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 12.751 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

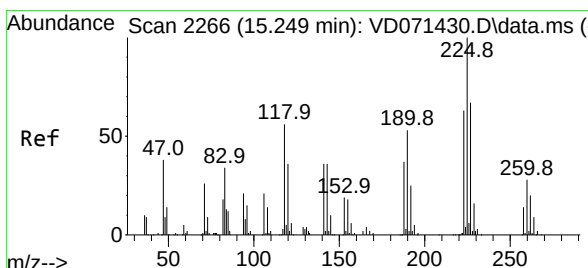
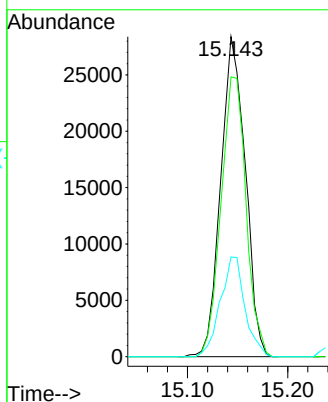
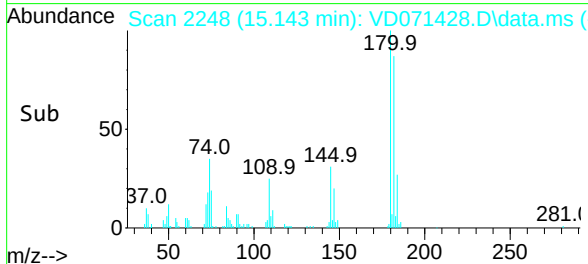
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



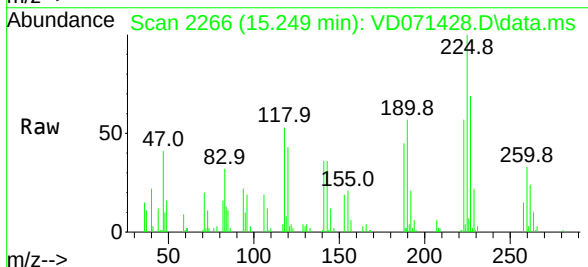
Tgt Ion:180 Resp: 4827
Ion Ratio Lower Upper
180 100
182 88.9 48.2 144.6
145 31.2 15.4 46.2

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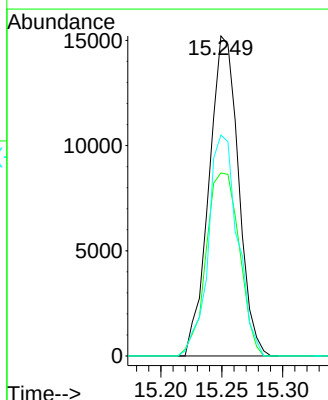
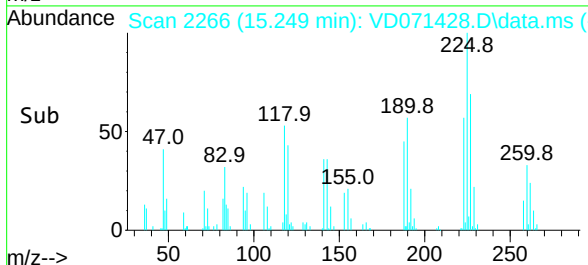
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

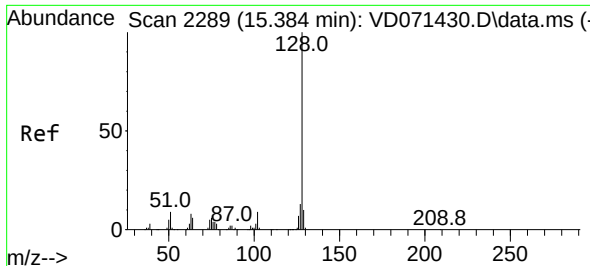


#94
Hexachlorobutadiene
Concen: 12.061 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53



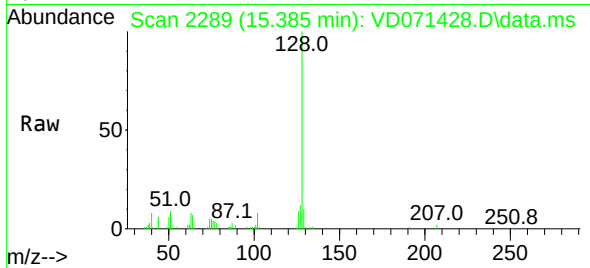
Tgt Ion:225 Resp: 25679
Ion Ratio Lower Upper
225 100
223 64.3 31.8 95.3
227 68.6 31.6 94.8





#95
Naphthalene
Concen: 11.985 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

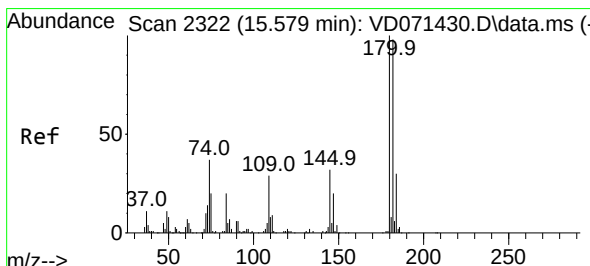
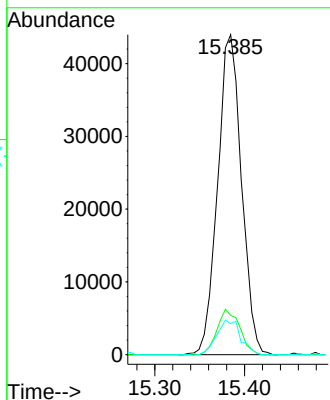
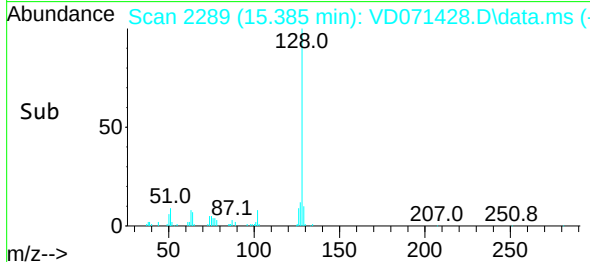
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 8102
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.0 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: 12.658 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD071428.D
Acq: 22 Dec 2021 18:53

Tgt Ion:180 Resp: 40807
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.1
145 33.7 15.9 47.6

