

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045484.D
 Acq On : 01 Nov 2021 12:45
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021

Quant Time: Nov 02 02:45:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 02:33:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	313043	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	298106	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	145594	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104075	40.847	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.700%		
7) Chloroethane-d5	1.916	69	94507	46.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.560%		
11) 1,1-Dichloroethene-d2	2.571	63	153501	33.922	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.840%		
21) 2-Butanone-d5	4.629	46	221694	103.972	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.970%		
24) Chloroform-d	5.067	84	210431	46.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.080%		
26) 1,2-Dichloroethane-d4	5.706	65	143111	47.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
32) Benzene-d6	5.732	84	437550	47.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.980%		
36) 1,2-Dichloropropane-d6	6.694	67	143593	48.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.300%		
41) Toluene-d8	7.902	98	380236	47.312	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
43) trans-1,3-Dichloroprop...	8.182	79	66033	47.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.260%		
47) 2-Hexanone-d5	8.632	63	155812	97.884	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.880%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	211133	47.179	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	142382	48.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	6622	2.394	ug/L	100
3) Chloromethane	1.520	50	8271	2.476	ug/L	96
5) Vinyl chloride	1.607	62	8483	2.702	ug/L	86
6) Bromomethane	1.861	94	4292	2.656	ug/L	97
8) Chloroethane	1.938	64	5049	2.722	ug/L	90
9) Trichlorofluoromethane	2.141	101	8969	2.414	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6859	3.029	ug/L #	83
12) 1,1-Dichloroethene	2.584	96	6547	3.064	ug/L #	1
13) Acetone	2.645	43	9786	5.596	ug/L	95
14) Carbon disulfide	2.797	76	15433	2.526	ug/L	98
15) Methyl Acetate	2.957	43	7927	2.683	ug/L	93
16) Methylene chloride	3.051	84	6998	2.654	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	5627	2.461	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	19733	2.462	ug/L	98
19) 1,1-Dichloroethane	3.877	63	11193	2.456	ug/L	95
20) cis-1,2-Dichloroethene	4.668	96	6288	2.411	ug/L	98
22) 2-Butanone	4.719	43	11446	4.793	ug/L	98
23) Bromochloromethane	4.980	128	3269	2.604	ug/L	98
25) Chloroform	5.096	83	12184	2.672	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	9789	2.624	ug/L	98
29) Cyclohexane	5.395	56	10597	2.480	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	8903	2.352	ug/L	96
31) Carbon tetrachloride	5.530	117	7093	2.370	ug/L	99
33) Benzene	5.780	78	26177	2.532	ug/L	100
34) Trichloroethene	6.549	95	5914	2.383	ug/L	94
35) Methylcyclohexane	6.767	83	9843	2.282	ug/L	98
37) 1,2-Dichloropropane	6.793	63	7055	2.570	ug/L #	97
38) Bromodichloromethane	7.108	83	8302	2.405	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	10571	2.517	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	19569	4.830	ug/L	98
42) Toluene	7.973	91	32119	2.985	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	9819m	2.480	ug/L	
45) 1,1,2-Trichloroethane	8.404	97	6176	2.423	ug/L	98
46) Tetrachloroethene	8.558	164	4193	2.381	ug/L	94
48) 2-Hexanone	8.687	43	20469	6.066	ug/L	97
49) Dibromochloromethane	8.812	129	5820	2.369	ug/L	96
50) 1,2-Dibromoethane	8.925	107	6518	2.436	ug/L #	93
51) Chlorobenzene	9.449	112	16217	2.494	ug/L	97
52) Ethylbenzene	9.574	91	28083	2.461	ug/L	97
53) m,p-Xylene	9.693	106	10750	2.461	ug/L	94
54) o-xylene	10.102	106	9785	2.262	ug/L	98
55) Styrene	10.118	104	16050	2.209	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	12105	2.673	ug/L #	97
59) Bromoform	10.295	173	3947	2.351	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	9175	2.559	ug/L	99
61) Isopropylbenzene	10.488	105	25526	2.372	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	20599	2.247	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	21299	2.286	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	12237	2.571	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	12996	2.699	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	12638	2.566	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	2485	2.374	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	8342	2.376	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	7479	2.332	ug/L	95
71) Naphthalene	14.089	128	28033	2.294	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	8216	2.503	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

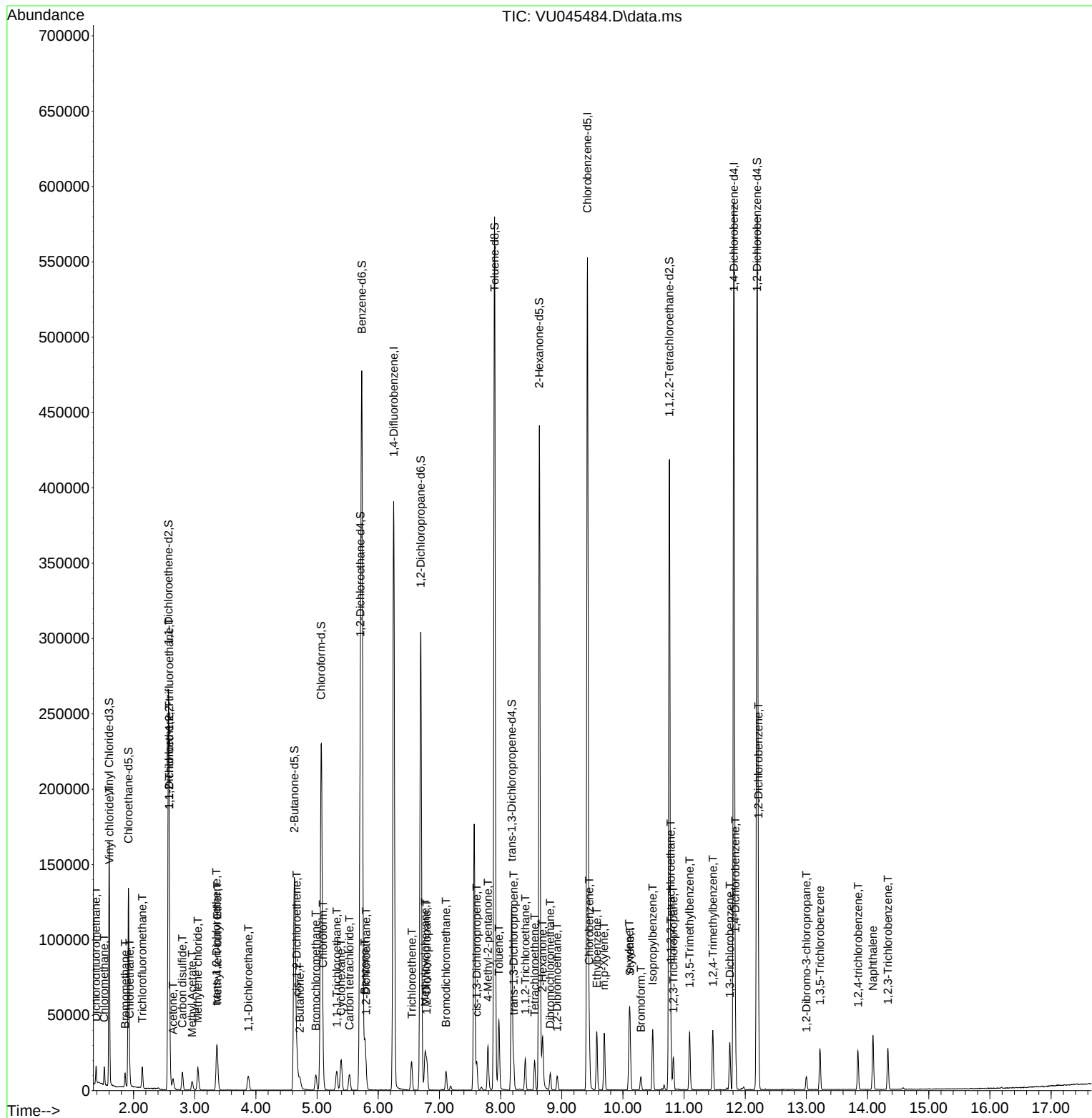
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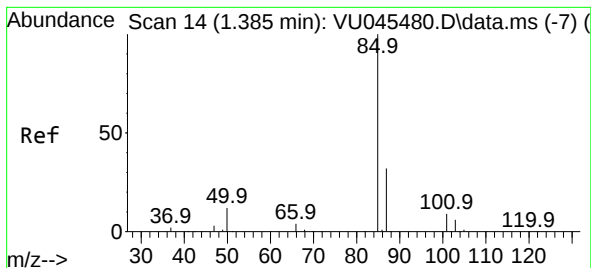
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#2

Dichlorodifluoromethane

Concen: 2.394 ug/L

RT: 1.388 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 85 Resp: 662

Ion Ratio Lower Upper

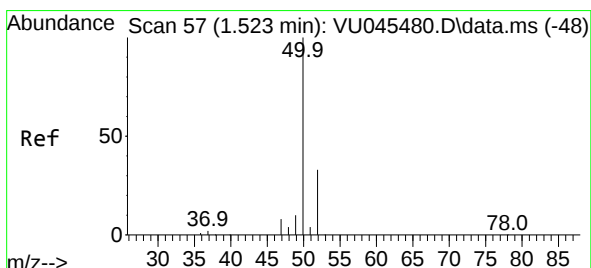
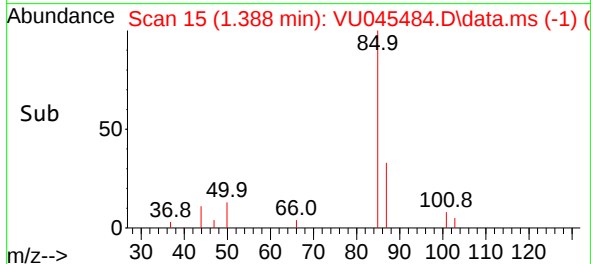
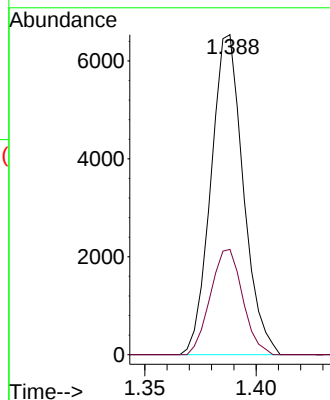
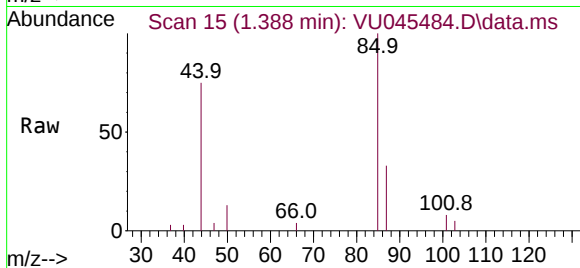
85 100

87 32.6 26.0 39.0

Manual Integrations

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#3

Chloromethane

Concen: 2.476 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

Lab File: VU045484.D

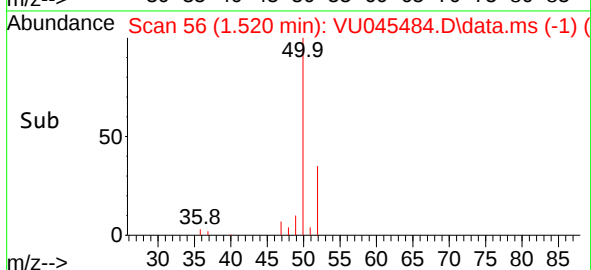
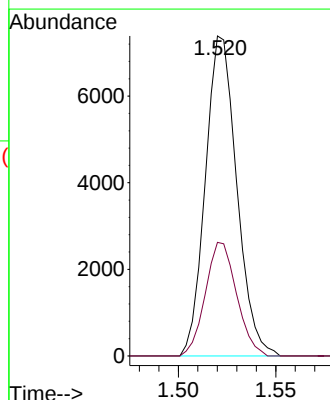
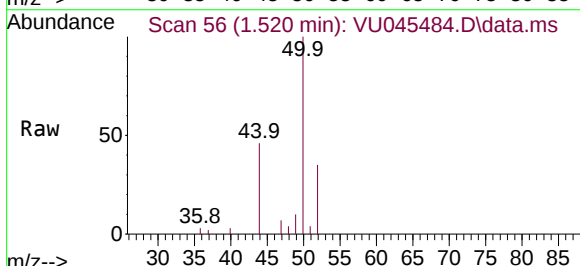
Acq: 01 Nov 2021 12:45

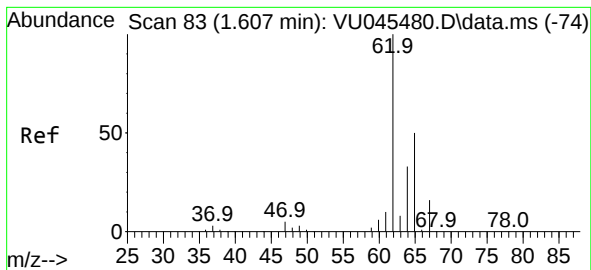
Tgt Ion: 50 Resp: 8271

Ion Ratio Lower Upper

50 100

52 35.5 23.2 43.2





#5

Vinyl chloride

Concen: 2.702 ug/L

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 62 Resp: 848

Ion Ratio Lower Upper

62 100

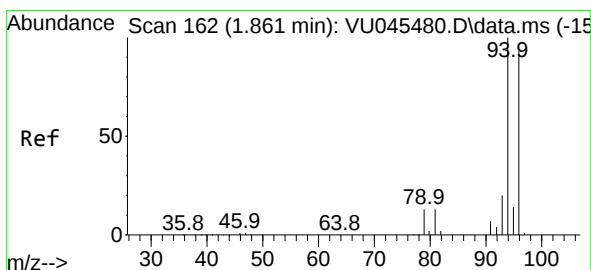
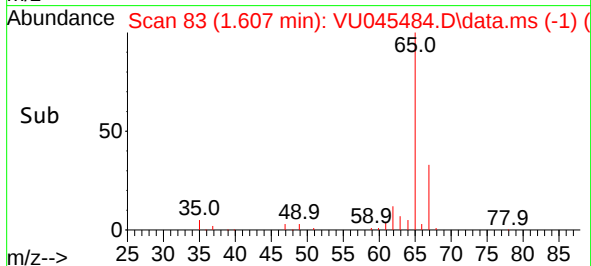
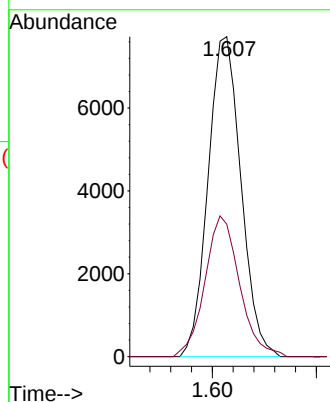
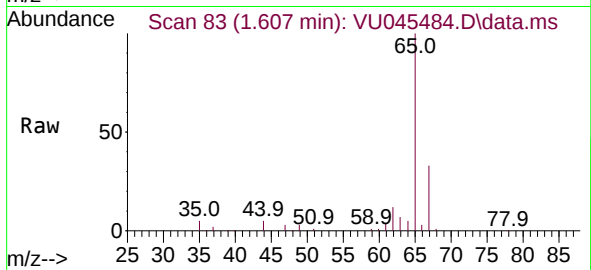
64 41.4 23.3 43.3

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#6

Bromomethane

Concen: 2.656 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.000 min

Lab File: VU045484.D

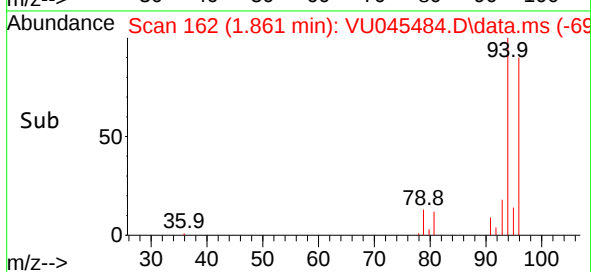
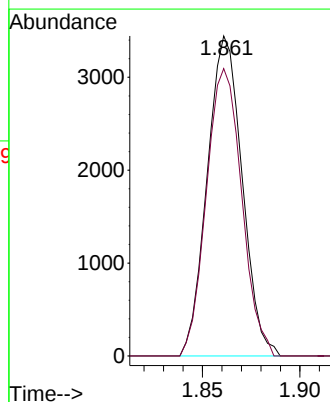
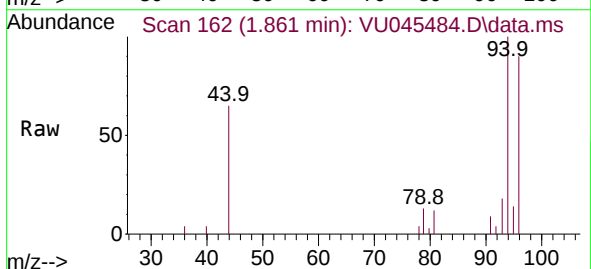
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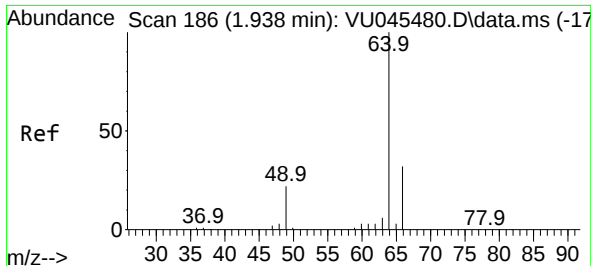
Tgt Ion: 94 Resp: 4292

Ion Ratio Lower Upper

94 100

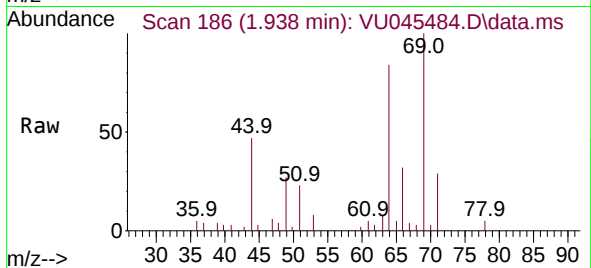
96 89.8 64.9 120.5





#8
Chloroethane
Concen: 2.722 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

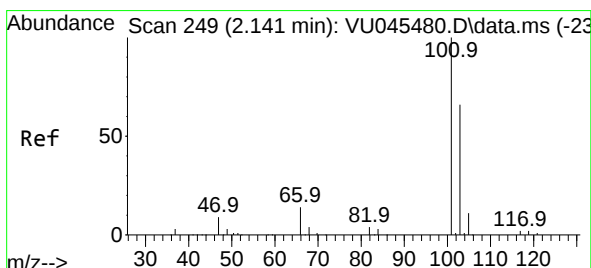
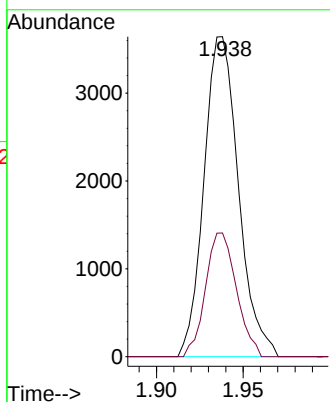
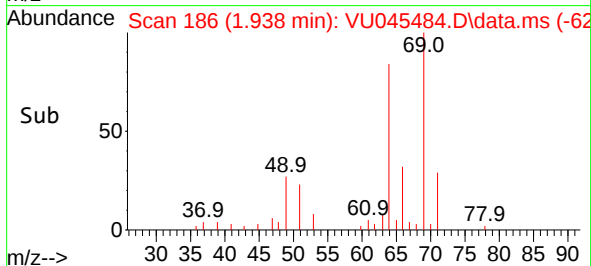
Instrument : MSVOA_U
ClientSampleId : MDL03



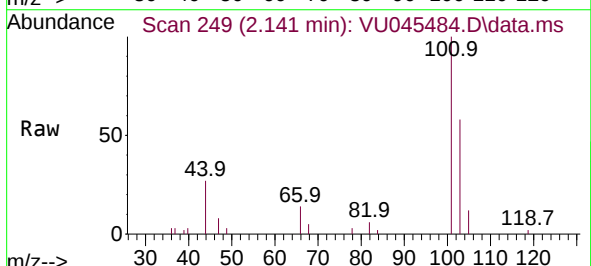
Tgt Ion: 64 Resp: 5049
Ion Ratio Lower Upper
64 100
66 38.6 23.2 43.2

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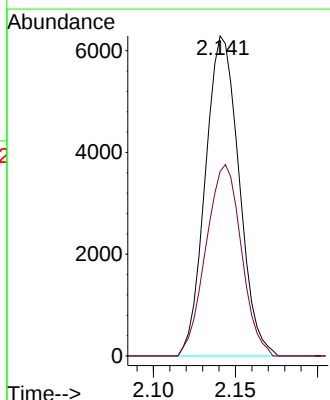
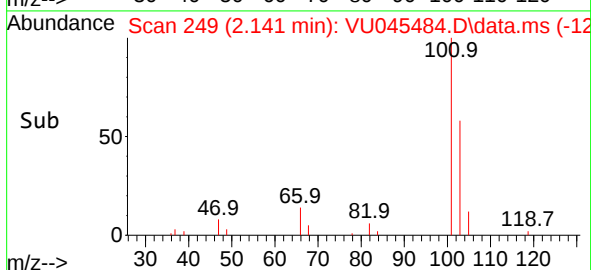
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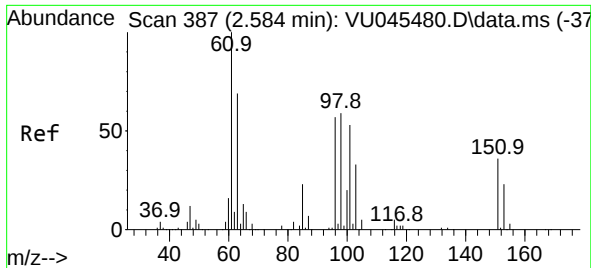


#9
Trichlorofluoromethane
Concen: 2.414 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45



Tgt Ion:101 Resp: 8969
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2





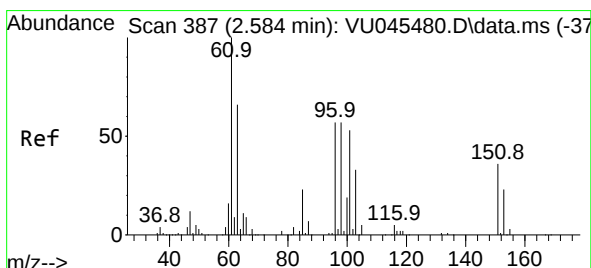
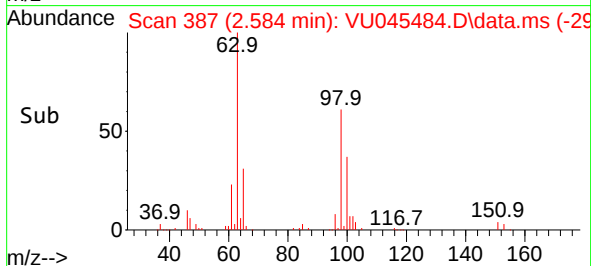
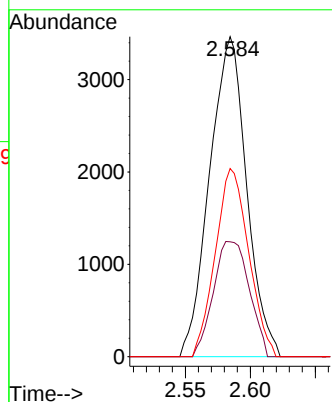
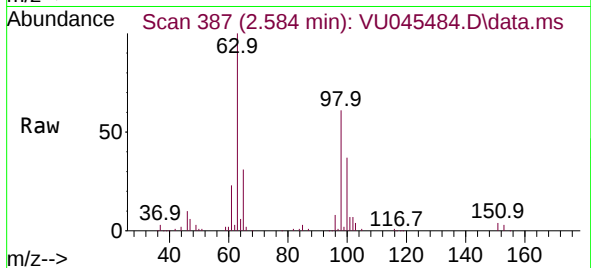
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.029 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Instrument :
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Tgt Ion: 101 Resp: 6859
Ion Ratio Lower Upper
101 100
85 34.9 34.8 52.2
151 53.0 54.6 81.8

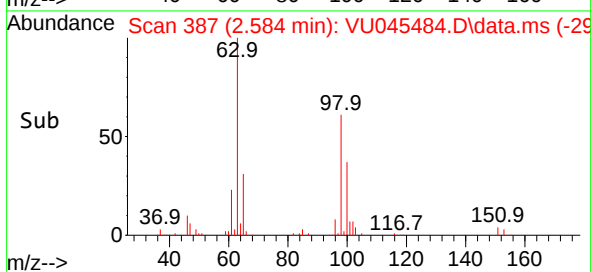
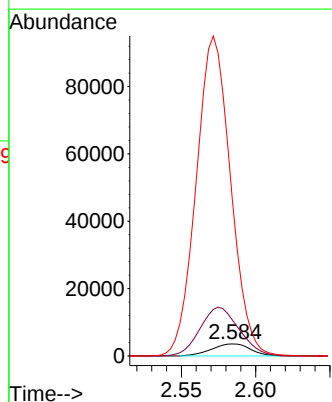
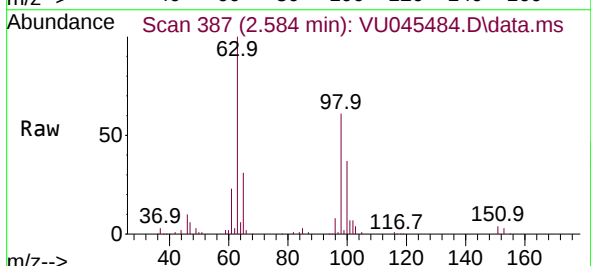
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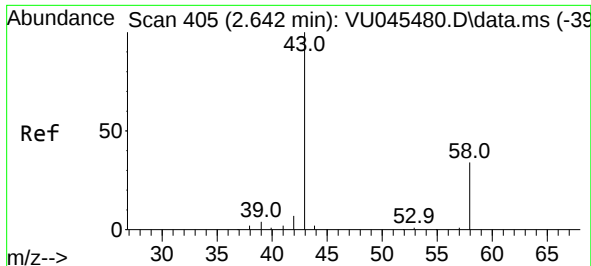
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#12
1,1-Dichloroethene
Concen: 3.064 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 96 Resp: 6547
Ion Ratio Lower Upper
96 100
61 298.7 126.3 234.5#
63 1295.5 89.2 165.8#





#13

Acetone

Concen: 5.596 ug/L

RT: 2.645 min Scan# 405

Delta R.T. 0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 43 Resp: 9780

Ion Ratio Lower Upper

43 100

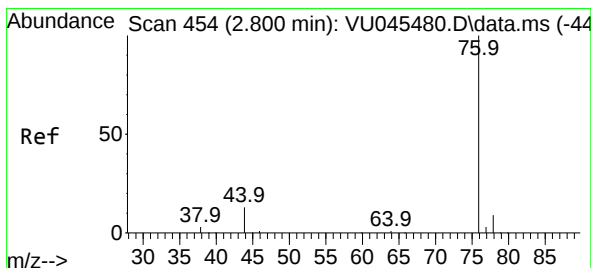
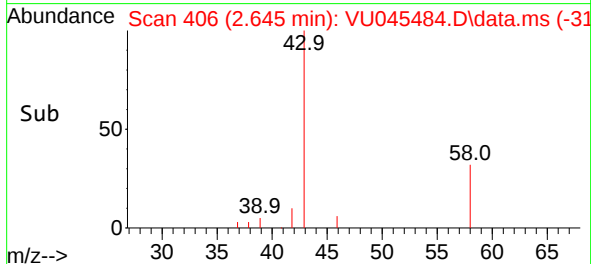
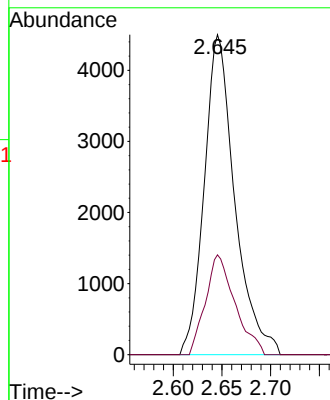
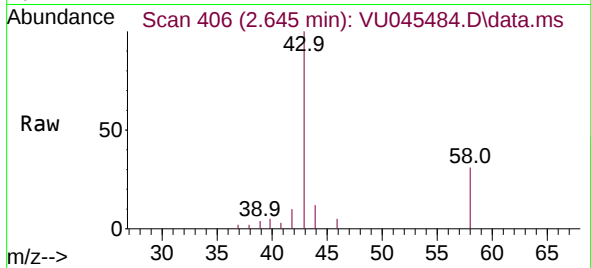
58 30.1 0.0 66.2

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#14

Carbon disulfide

Concen: 2.526 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU045484.D

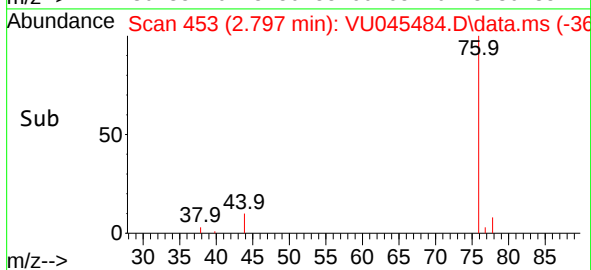
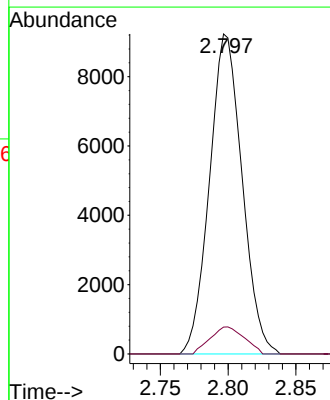
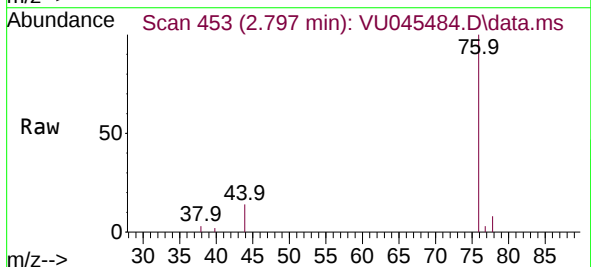
Acq: 01 Nov 2021 12:45

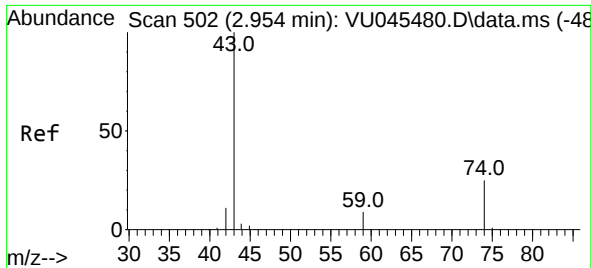
Tgt Ion: 76 Resp: 15433

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9





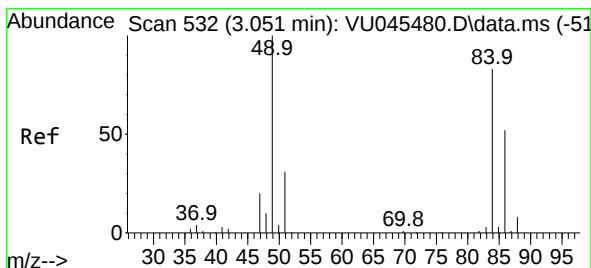
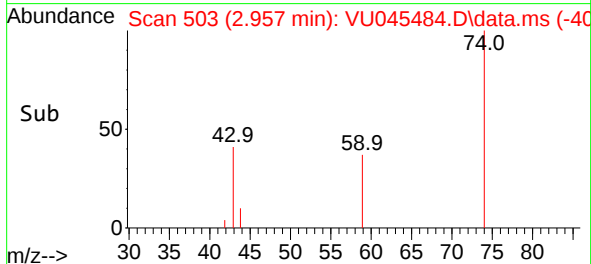
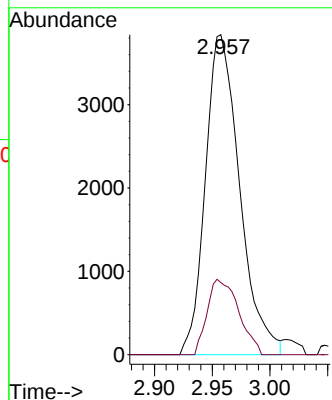
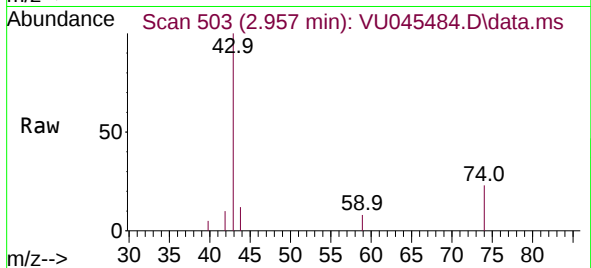
#15
Methyl Acetate
Concen: 2.683 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
74 21.6 20.0 30.0

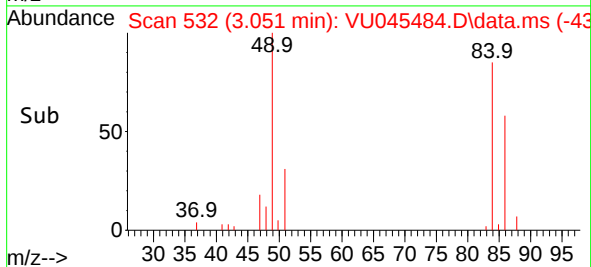
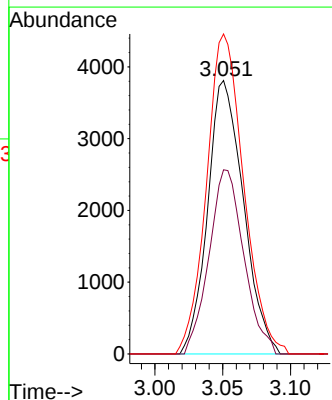
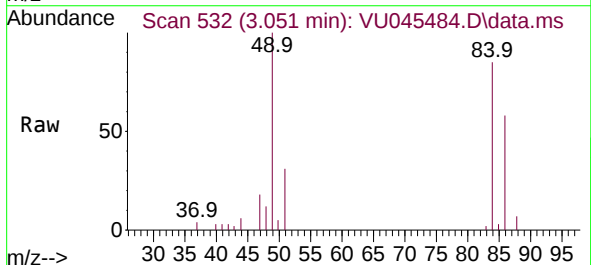
Manual Integrations
APPROVED

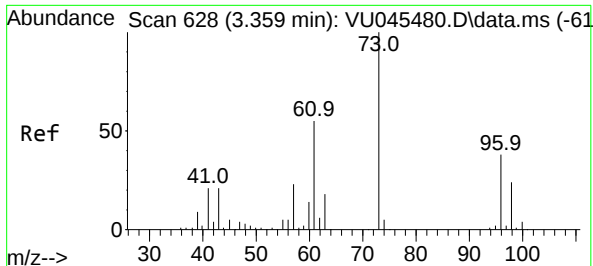
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#16
Methylene chloride
Concen: 2.654 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 84 Resp: 6998
Ion Ratio Lower Upper
84 100
86 67.4 45.8 85.2
49 117.0 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 2.461 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 96 Resp: 562

Ion Ratio Lower Upper

96 100

61 150.1 101.8 189.2

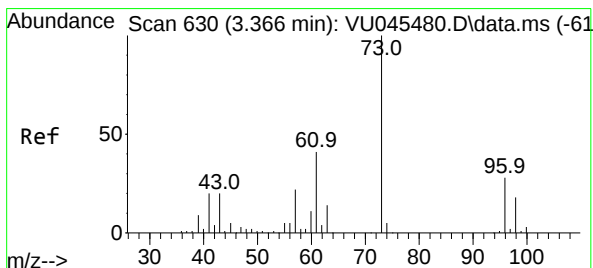
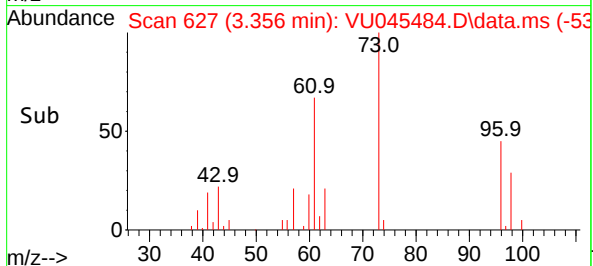
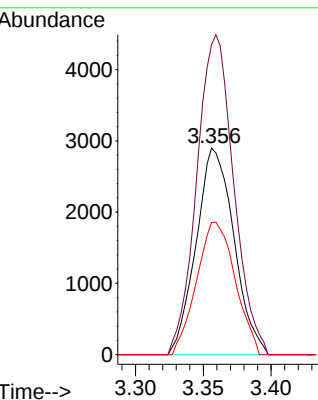
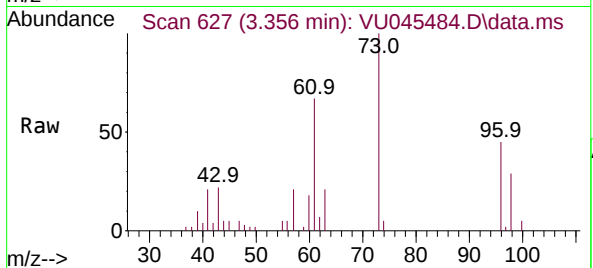
98 64.0 45.1 83.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#18

Methyl tert-butyl Ether

Concen: 2.462 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

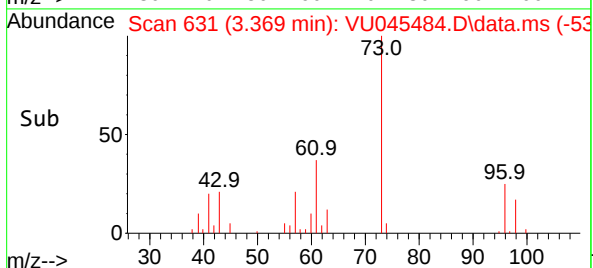
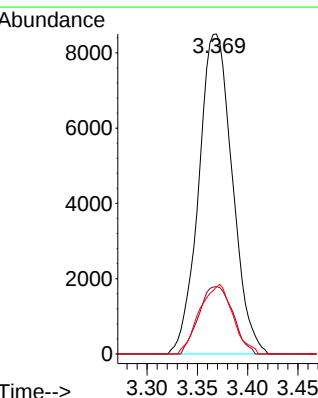
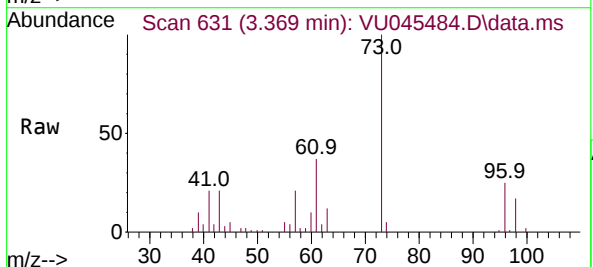
Tgt Ion: 73 Resp: 19733

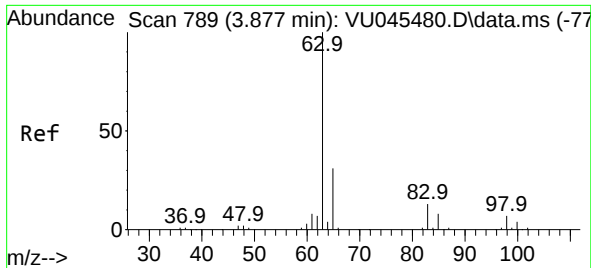
Ion Ratio Lower Upper

73 100

43 21.4 16.2 24.4

57 21.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 2.456 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

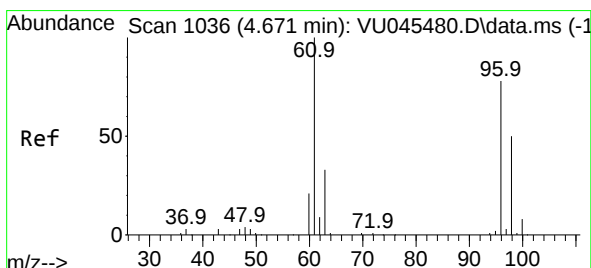
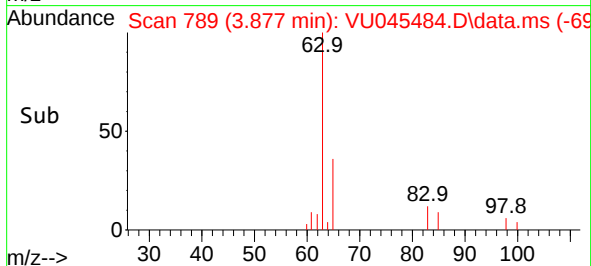
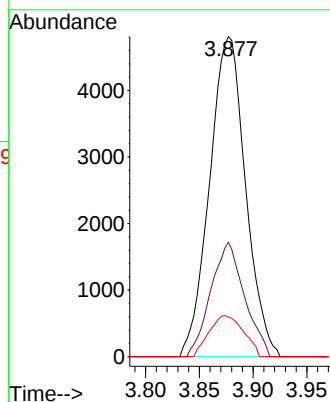
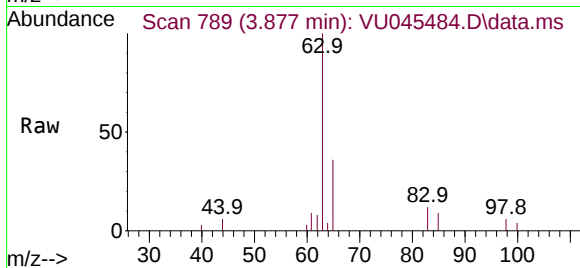
MDL03

Tgt Ion: 63	Resp: 1119
Ion Ratio	Lower Upper
63 100	
65 35.8	22.4 41.6
83 12.4	9.0 16.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#20

cis-1,2-Dichloroethene

Concen: 2.411 ug/L

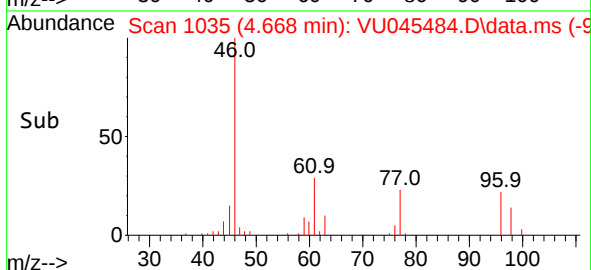
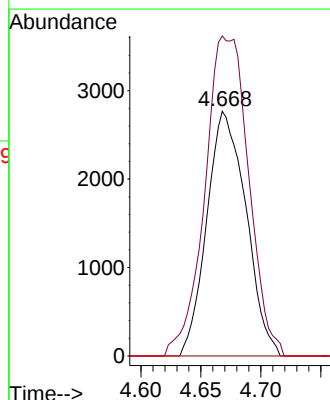
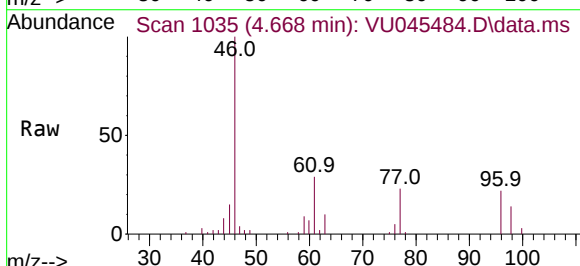
RT: 4.668 min Scan# 1035

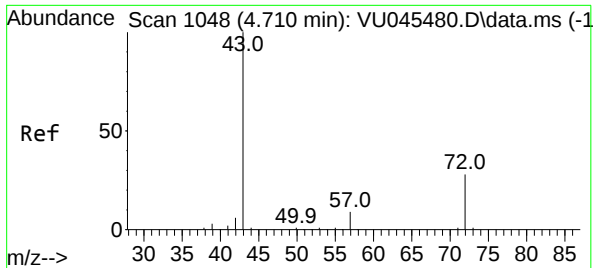
Delta R.T. -0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

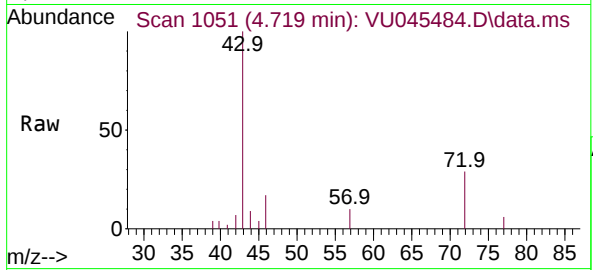
Tgt Ion: 96	Resp: 6288
Ion Ratio	Lower Upper
96 100	
61 130.8	92.8 172.4
68 0.0	0.0 0.0





#22
2-Butanone
Concen: 4.793 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

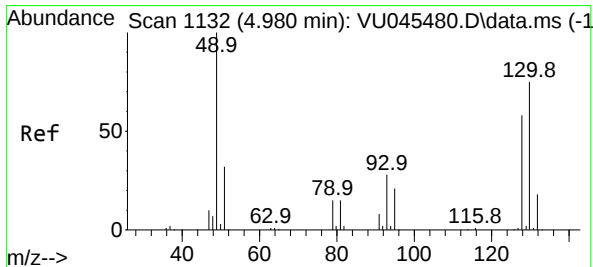
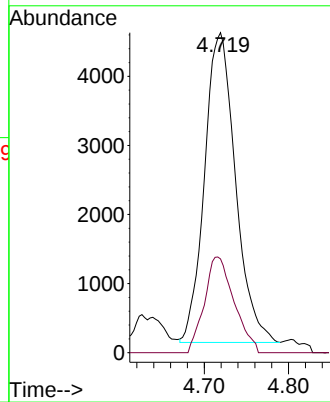
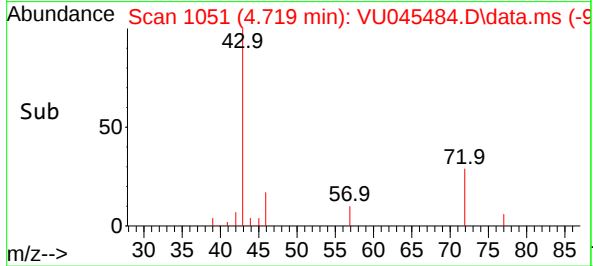
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
72 29.6 14.4 43.2

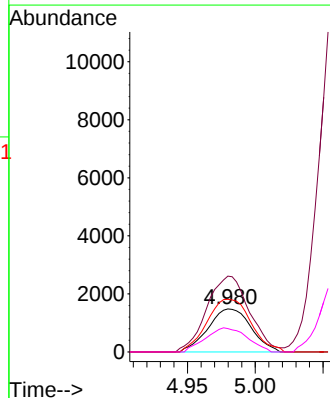
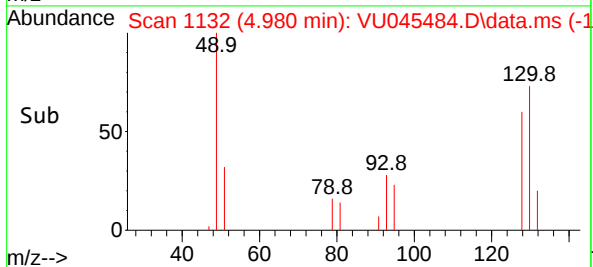
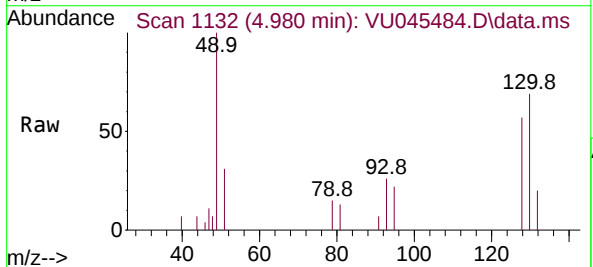
Manual Integrations
APPROVED

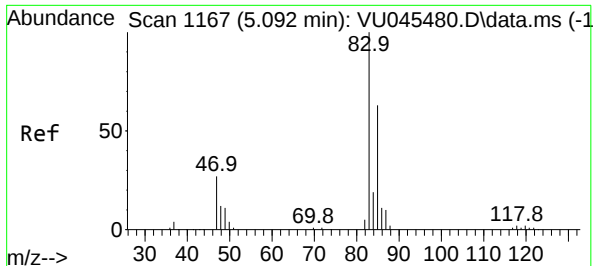
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#23
Bromochloromethane
Concen: 2.604 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

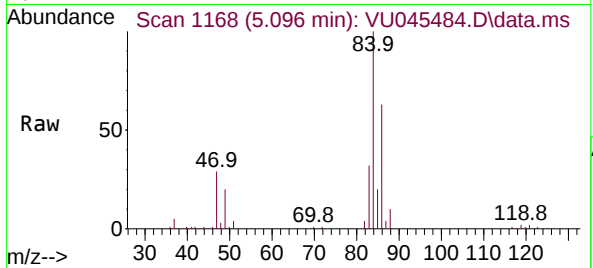
Tgt Ion:128 Resp: 3269
Ion Ratio Lower Upper
128 100
49 176.3 123.1 228.5
130 122.4 89.8 166.8
51 54.4 43.8 65.8





#25
Chloroform
Concen: 2.672 ug/L
RT: 5.096 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

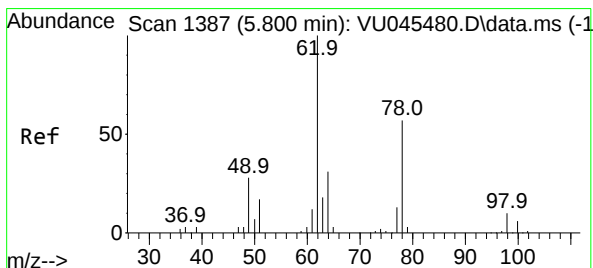
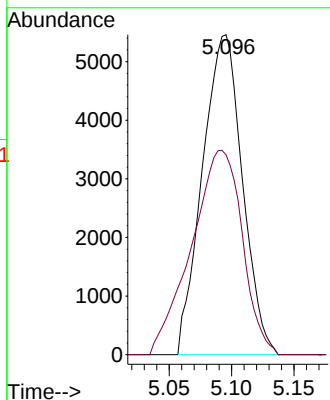
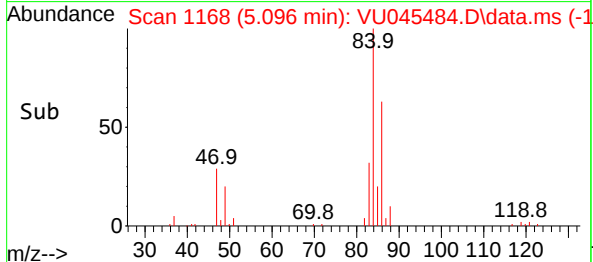
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 83 Resp: 12184
Ion Ratio Lower Upper
83 100
85 62.5 45.0 83.6

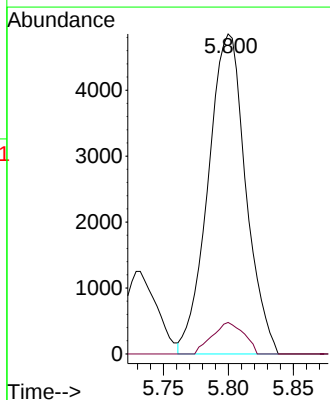
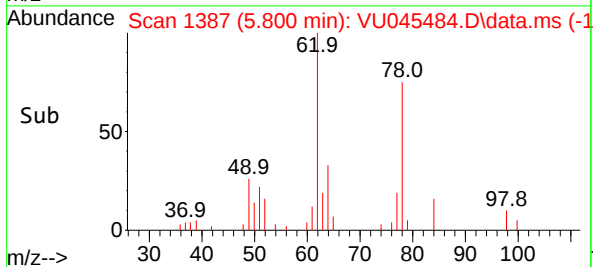
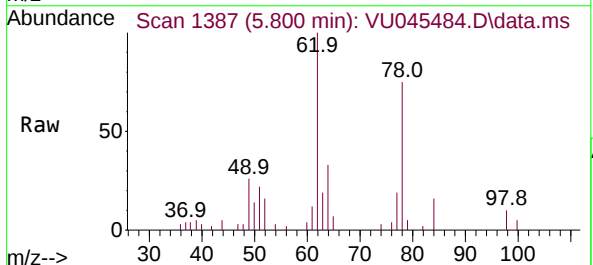
Manual Integrations
APPROVED

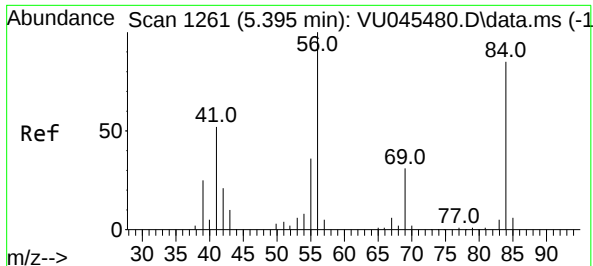
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#27
1,2-Dichloroethane
Concen: 2.624 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 62 Resp: 9789
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0





#29

Cyclohexane

Concen: 2.480 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

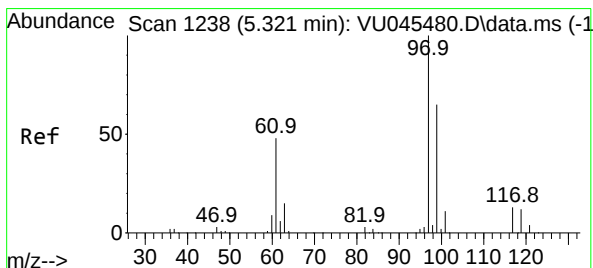
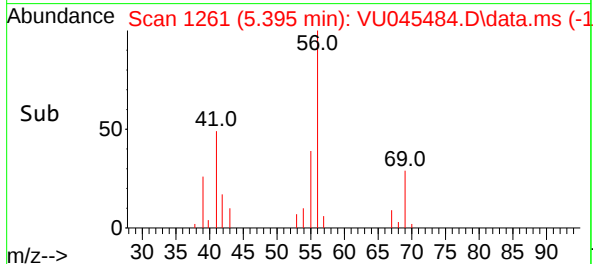
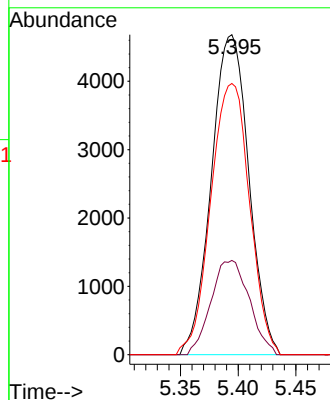
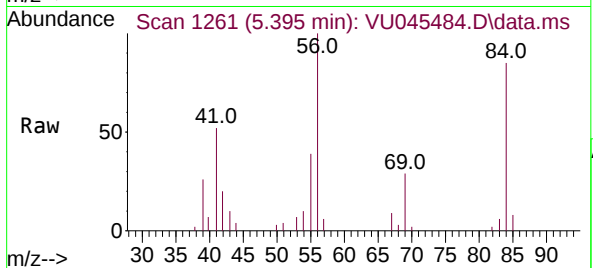
MDL03

Tgt Ion:	56	Resp:	1059
Ion Ratio	Lower	Upper	
56	100		
69	30.1	25.0	37.4
84	87.5	69.9	104.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#30

1,1,1-Trichloroethane

Concen: 2.352 ug/L

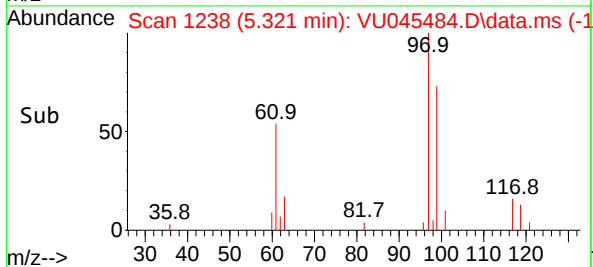
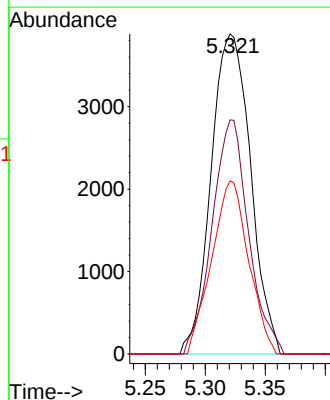
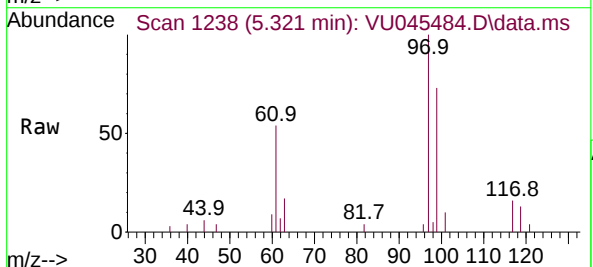
RT: 5.321 min Scan# 1238

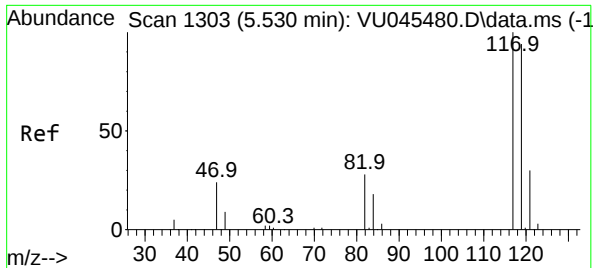
Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

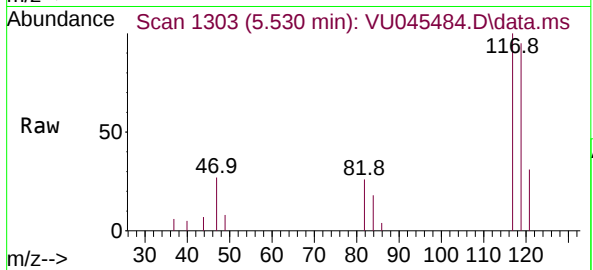
Tgt Ion:	97	Resp:	8903
Ion Ratio	Lower	Upper	
97	100		
99	67.4	51.3	76.9
61	50.4	38.8	58.2





#31
Carbon tetrachloride
Concen: 2.370 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

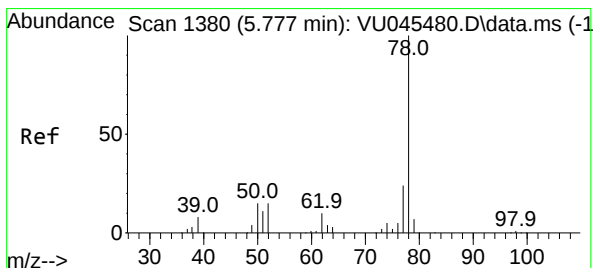
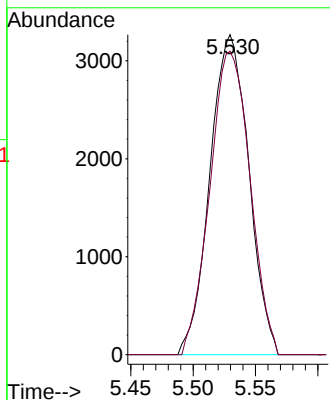
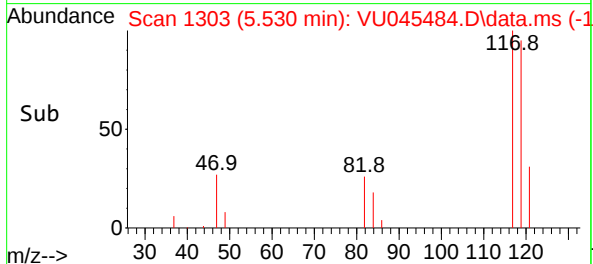
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion:117 Resp: 709
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.4

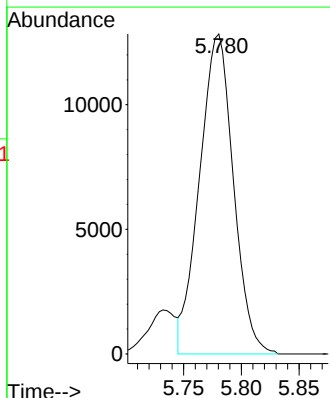
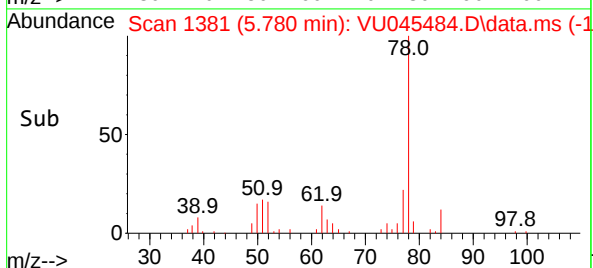
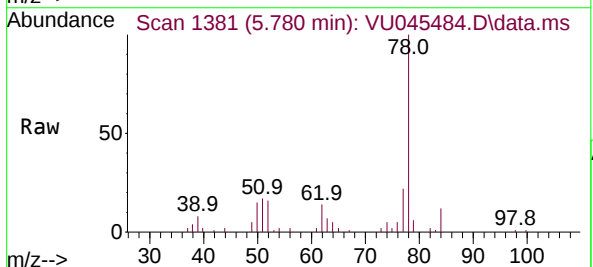
Manual Integrations
APPROVED

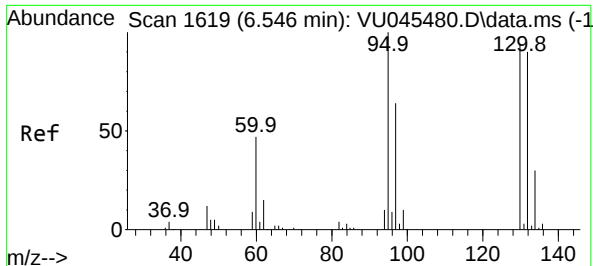
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#33
Benzene
Concen: 2.532 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

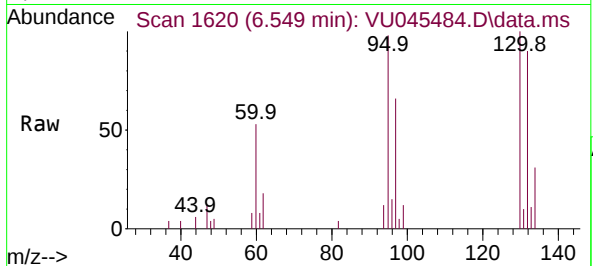
Tgt Ion: 78 Resp: 26177





#34
Trichloroethene
Concen: 2.383 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

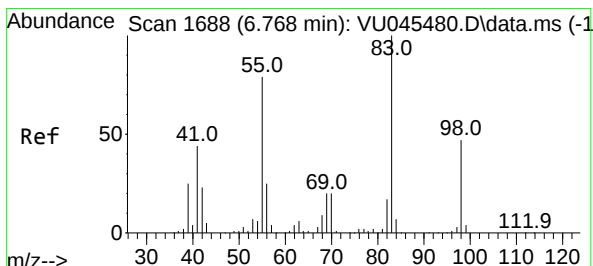
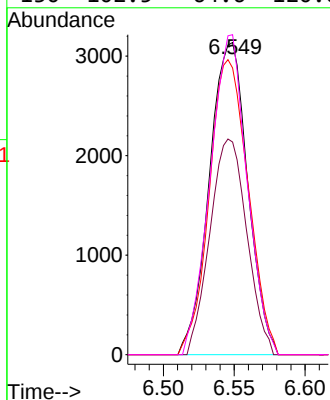
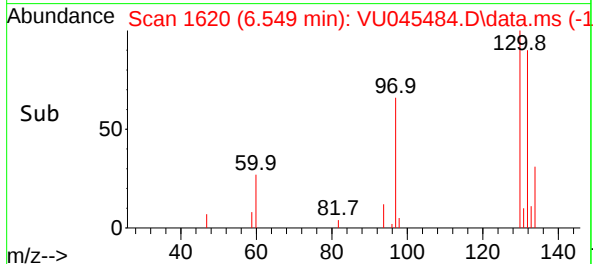
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 95 Resp: 5914
Ion Ratio Lower Upper
95 100
97 68.1 45.0 83.6
132 91.8 63.3 117.7
130 102.5 64.6 120.0

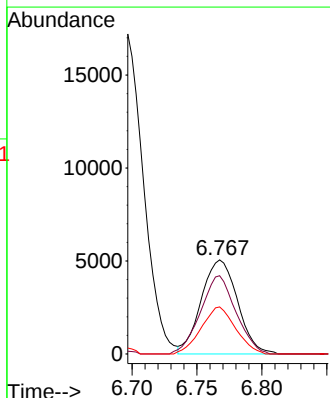
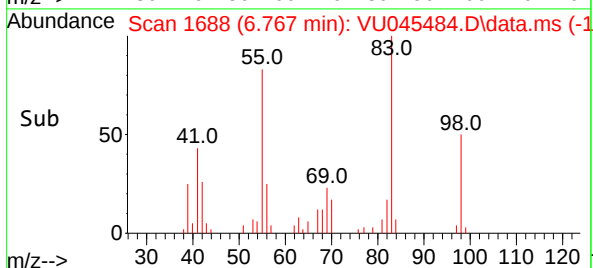
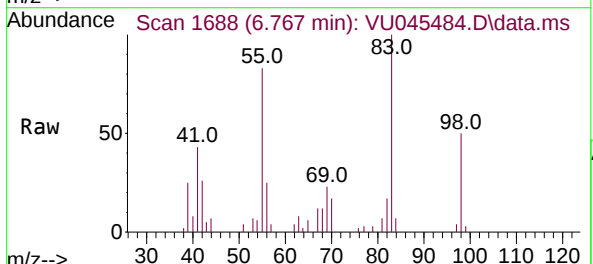
Manual Integrations
APPROVED

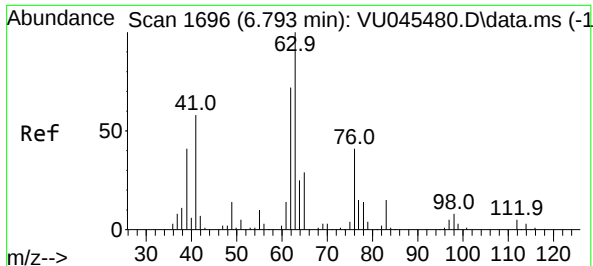
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#35
Methylcyclohexane
Concen: 2.282 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 83 Resp: 9843
Ion Ratio Lower Upper
83 100
55 80.8 62.8 94.2
98 47.3 37.4 56.2





#37

1,2-Dichloropropane

Concen: 2.570 ug/L

RT: 6.793 min Scan# 1696

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

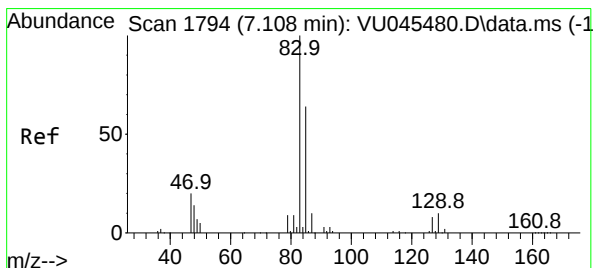
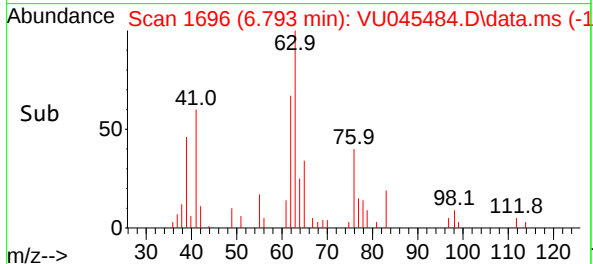
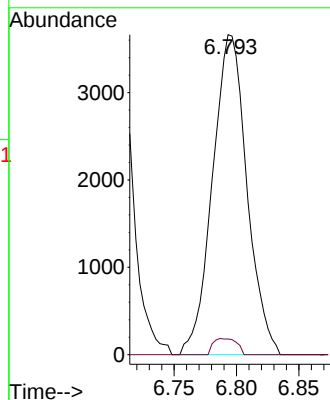
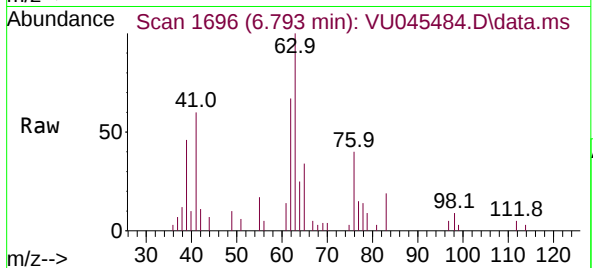
MDL03

Tgt Ion: 63 Resp: 705
 Ion Ratio Lower Upper
 63 100
 112 3.4 3.4 5.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021



#38

Bromodichloromethane

Concen: 2.405 ug/L

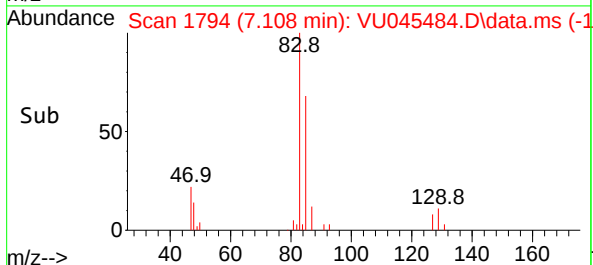
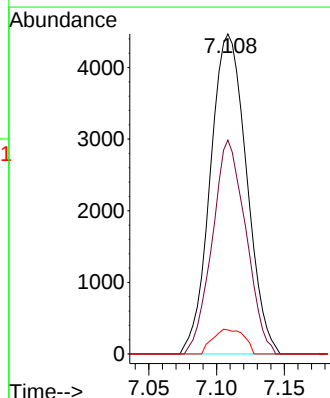
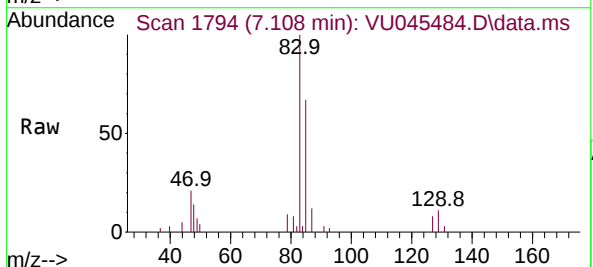
RT: 7.108 min Scan# 1794

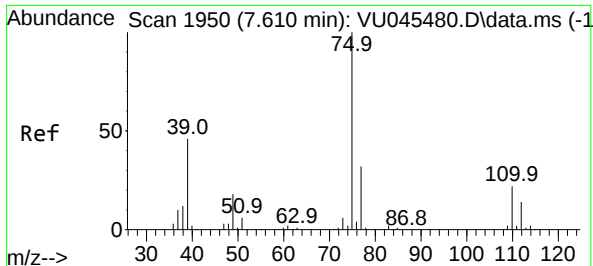
Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Tgt Ion: 83 Resp: 8302
 Ion Ratio Lower Upper
 83 100
 85 66.8 45.1 83.9
 127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 2.517 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 75 Resp: 1057

Ion Ratio Lower Upper

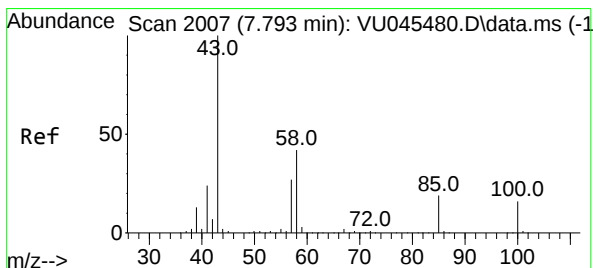
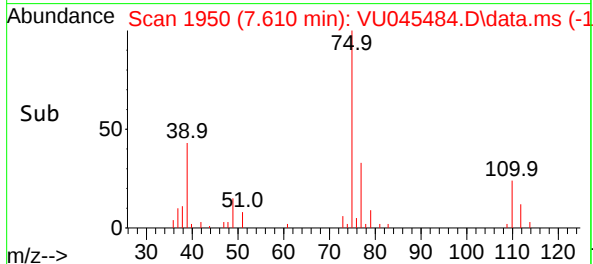
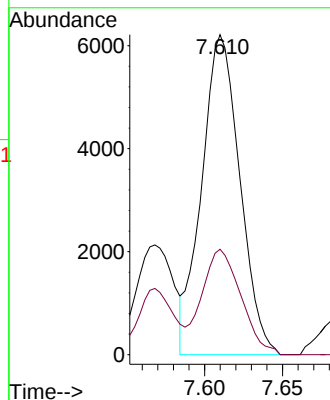
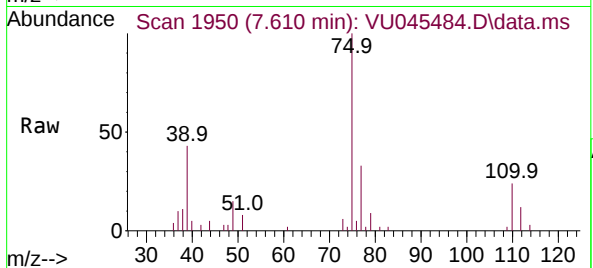
75 100

77 33.0 22.7 42.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#40

4-Methyl-2-pentanone

Concen: 4.830 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

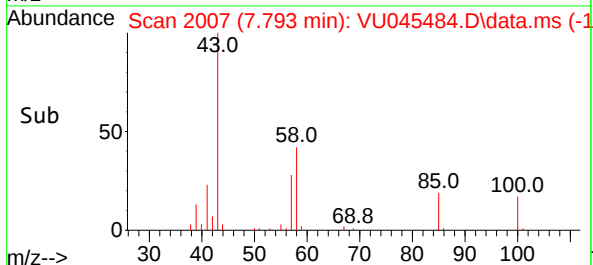
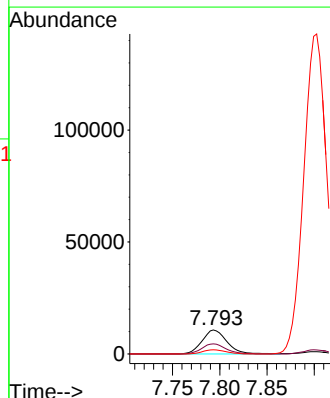
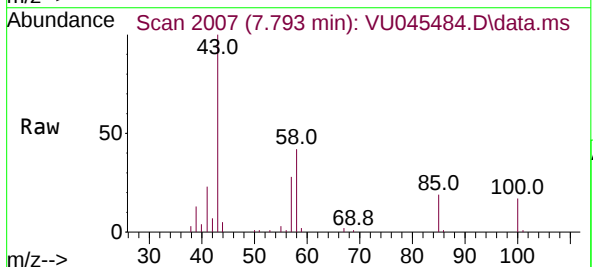
Tgt Ion: 43 Resp: 19569

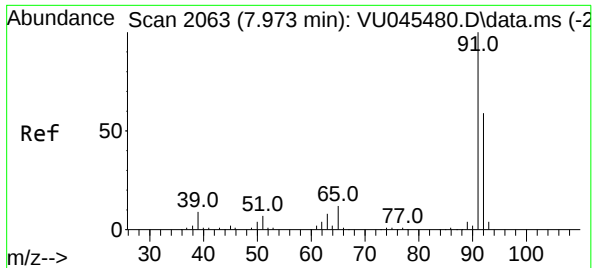
Ion Ratio Lower Upper

43 100

58 40.9 33.9 50.9

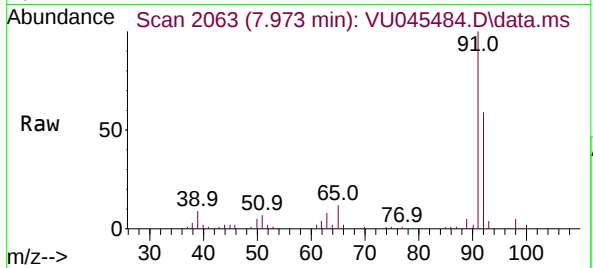
100 16.0 13.3 19.9





#42
Toluene
Concen: 2.985 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

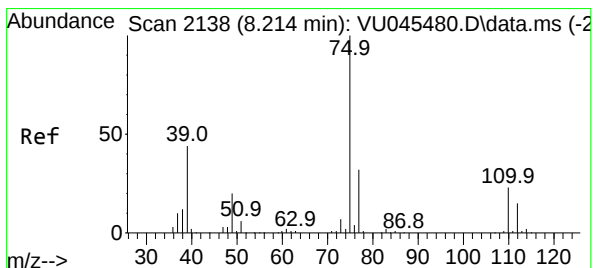
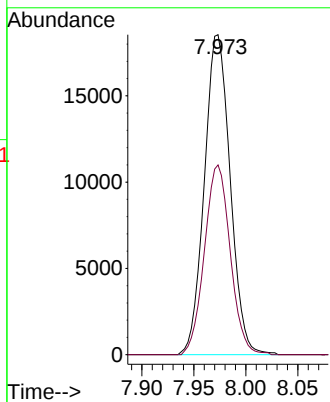
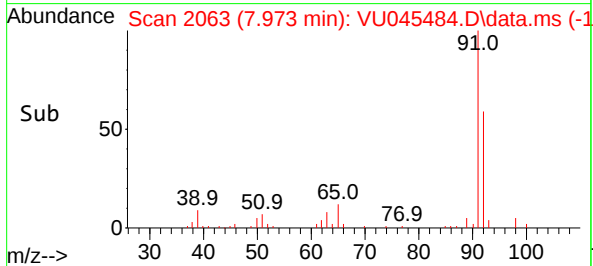
Instrument :
MSVOA_U
ClientSampleId :
MDL03



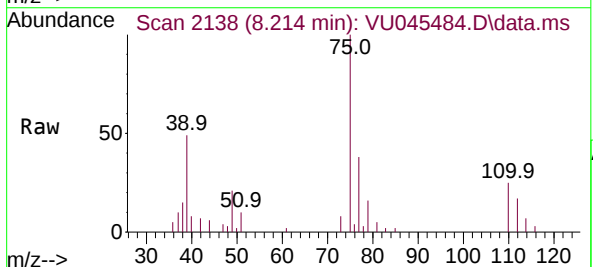
Tgt Ion: 91 Resp: 32119
Ion Ratio Lower Upper
91 100
92 59.3 40.7 75.7

Manual Integrations
APPROVED

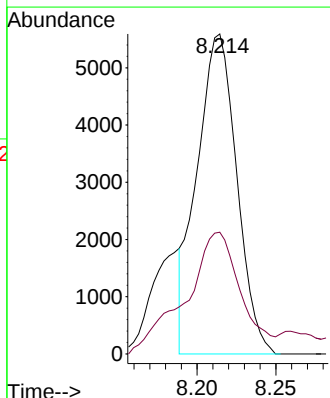
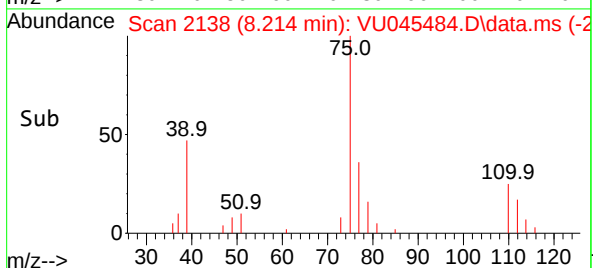
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

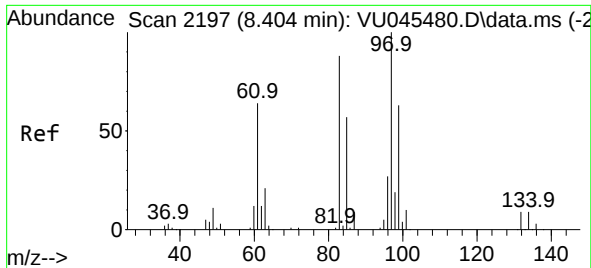


#44
trans-1,3-Dichloropropene
Concen: 2.480 ug/L m
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45



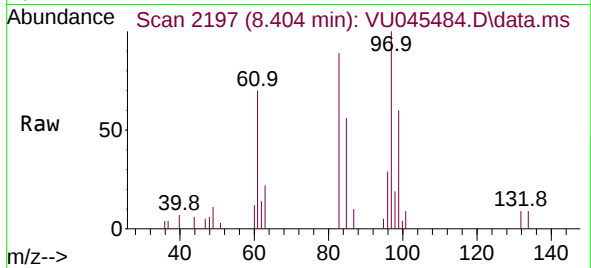
Tgt Ion: 75 Resp: 9819
Ion Ratio Lower Upper
75 100
77 38.1 22.7 42.1





#45
1,1,2-Trichloroethane
Concen: 2.423 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

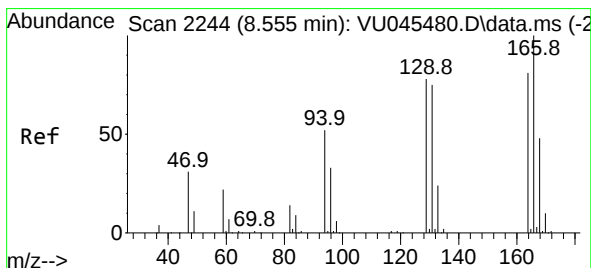
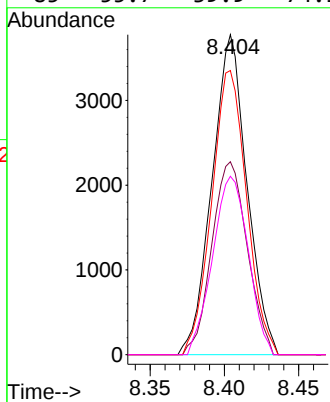
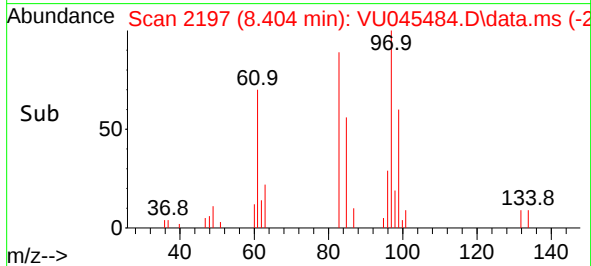
Instrument : MSVOA_U
ClientSampleId : MDL03



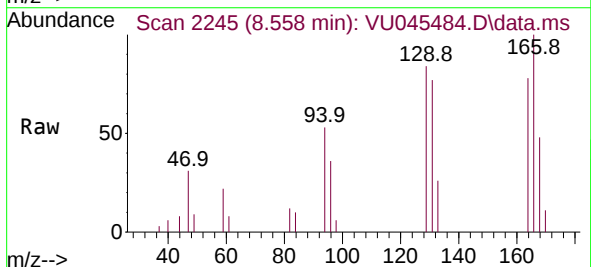
Tgt Ion:	97	Resp:	6170
Ion	Ratio	Lower	Upper
97	100		
99	60.3	44.7	82.9
83	88.8	61.5	114.1
85	55.7	39.9	74.1

Manual Integrations
APPROVED

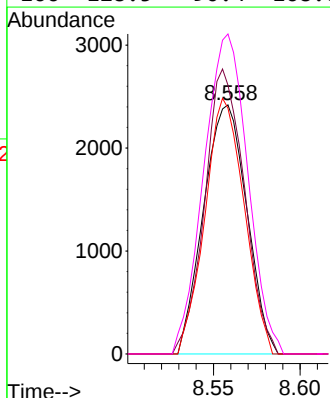
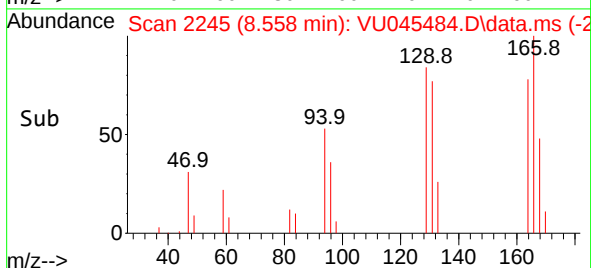
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

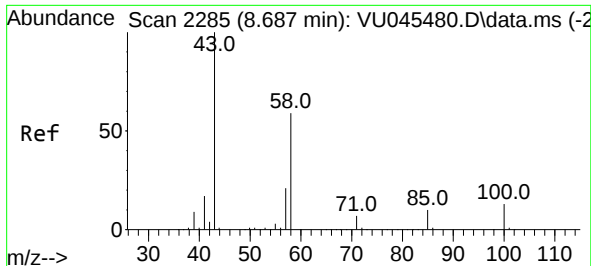


#46
Tetrachloroethene
Concen: 2.381 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45



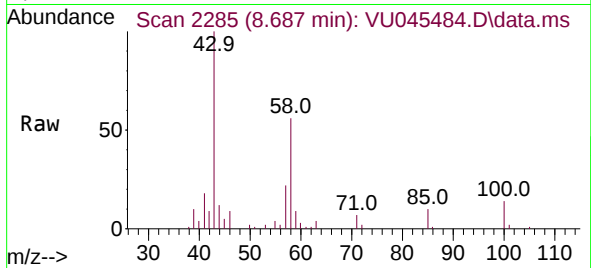
Tgt Ion:	164	Resp:	4193
Ion	Ratio	Lower	Upper
164	100		
129	107.9	66.8	124.2
131	98.7	65.6	121.8
166	128.5	90.4	168.0





#48
2-Hexanone
Concen: 6.066 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

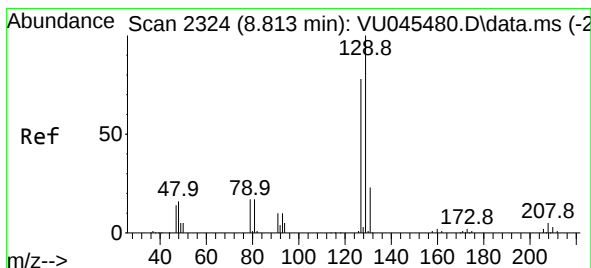
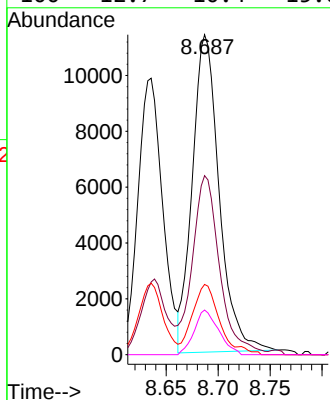
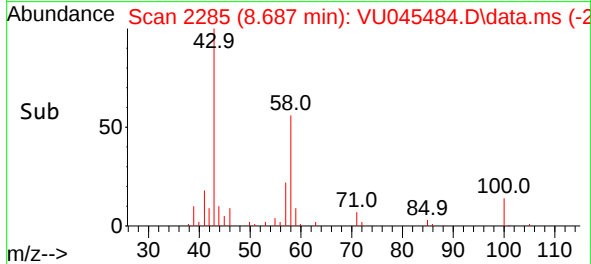
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 43 Resp: 2046
Ion Ratio Lower Upper
43 100
58 56.8 47.0 70.4
57 18.0 16.3 24.5
100 12.7 10.4 15.6

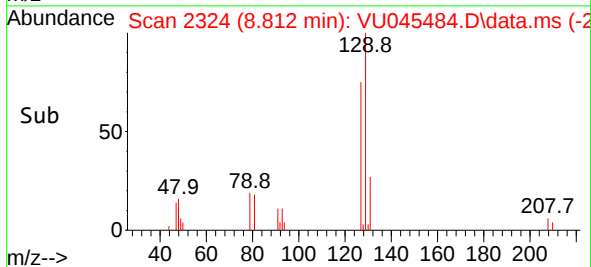
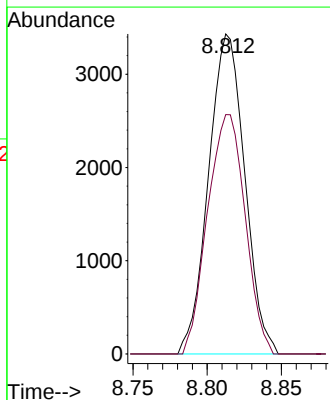
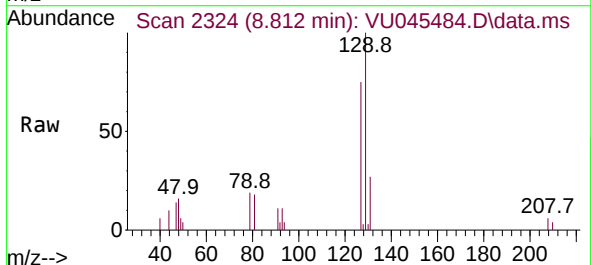
Manual Integrations
APPROVED

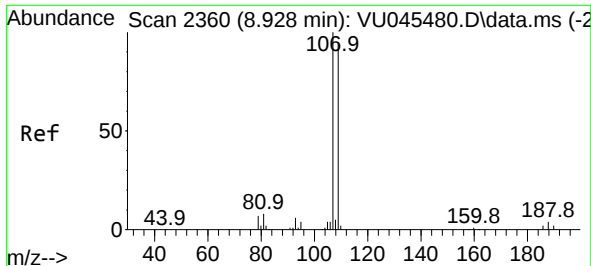
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#49
Dibromochloromethane
Concen: 2.369 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

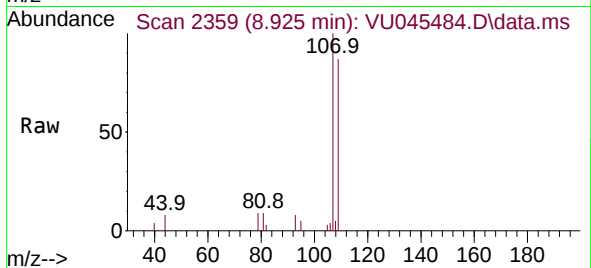
Tgt Ion:129 Resp: 5820
Ion Ratio Lower Upper
129 100
127 74.8 54.9 101.9





#50
1,2-Dibromoethane
Concen: 2.436 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

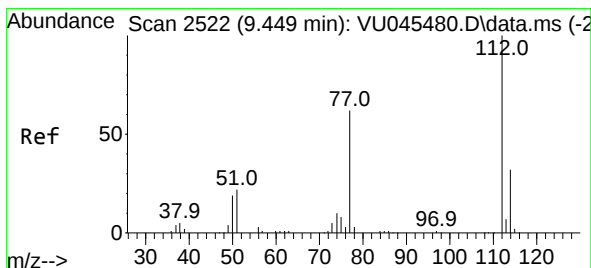
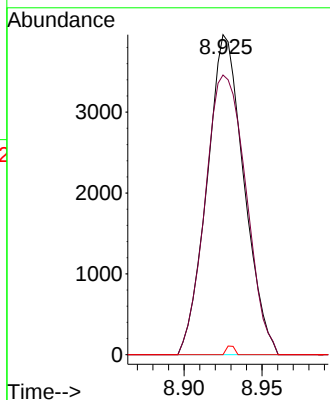
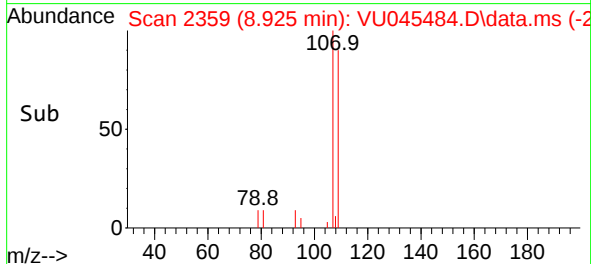
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion:107 Resp: 6518
Ion Ratio Lower Upper
107 100
109 87.4 66.1 122.8
188 0.0 2.8 4.2

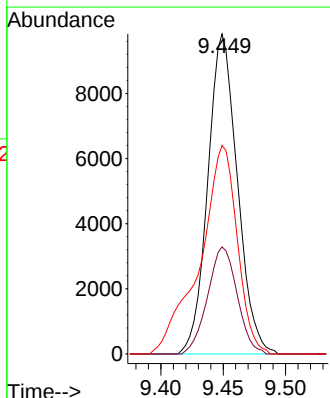
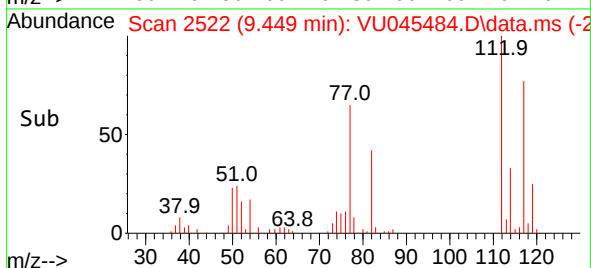
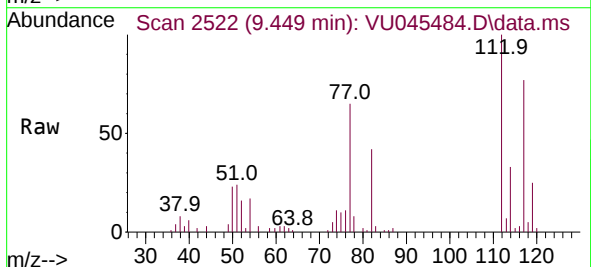
Manual Integrations
APPROVED

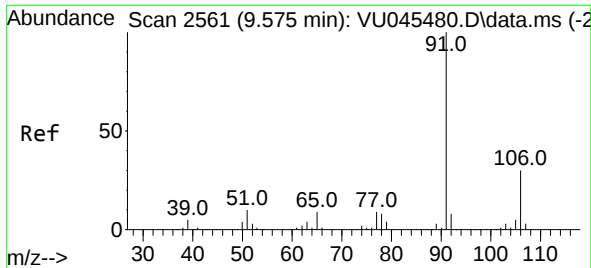
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#51
Chlorobenzene
Concen: 2.494 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion:112 Resp: 16217
Ion Ratio Lower Upper
112 100
114 33.4 22.5 41.7
77 65.1 49.8 74.6





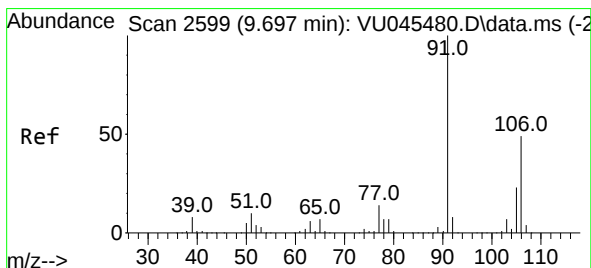
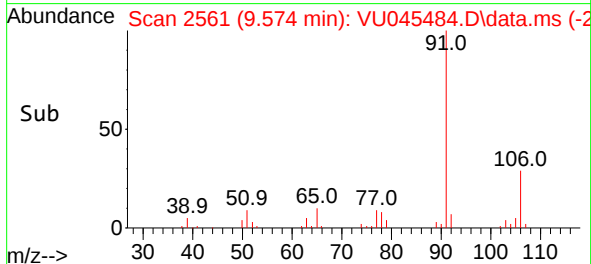
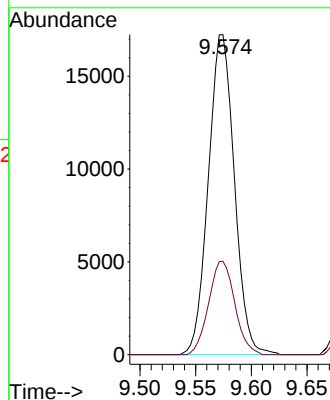
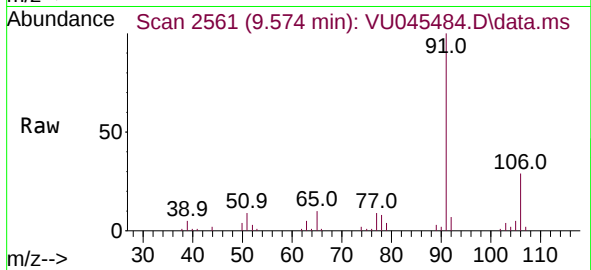
#52
Ethylbenzene
Concen: 2.461 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 91 Resp: 2808
Ion Ratio Lower Upper
91 100
106 29.2 21.7 40.3

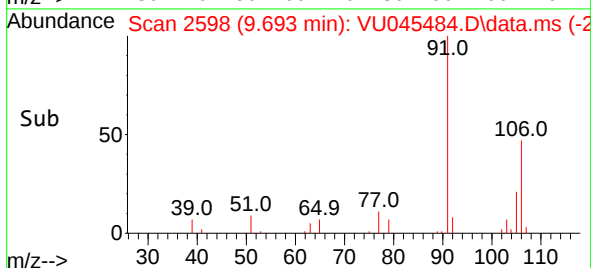
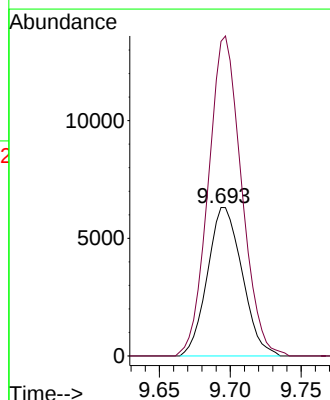
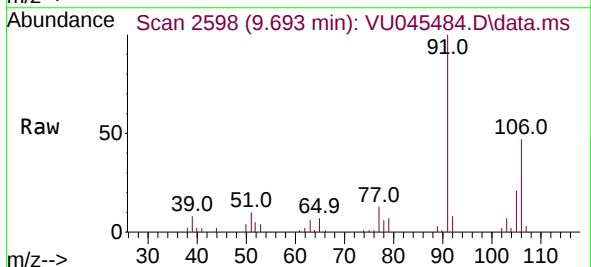
Manual Integrations
APPROVED

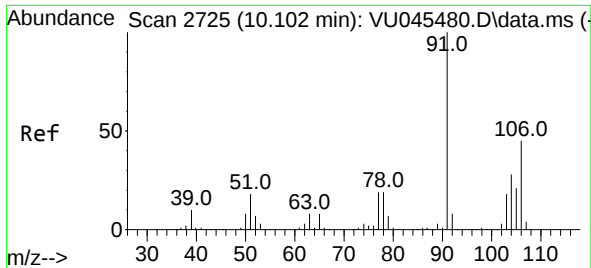
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#53
m,p-Xylene
Concen: 2.461 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion:106 Resp: 10750
Ion Ratio Lower Upper
106 100
91 211.9 142.2 264.2





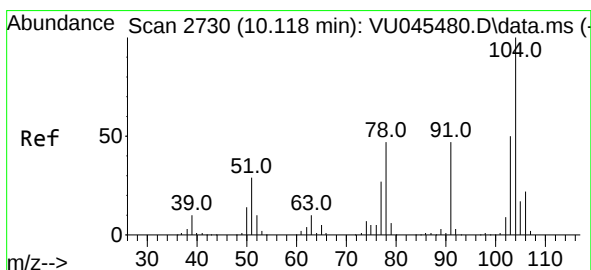
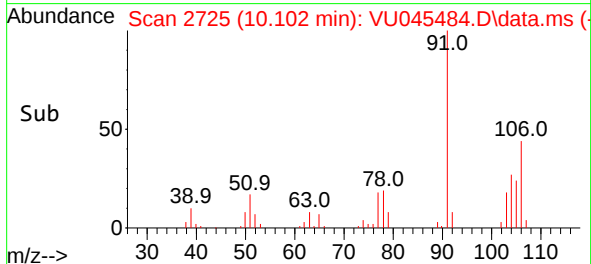
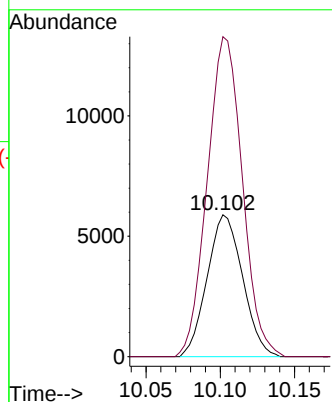
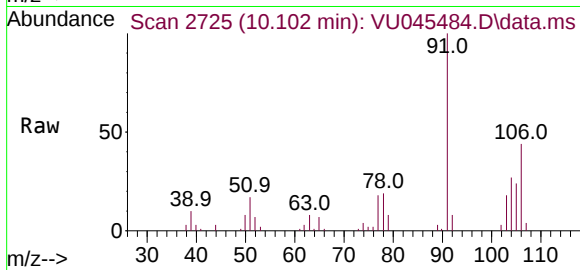
#54
o-xylene
Concen: 2.262 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 9785
Ion Ratio Lower Upper
106 100
91 225.4 155.2 288.2

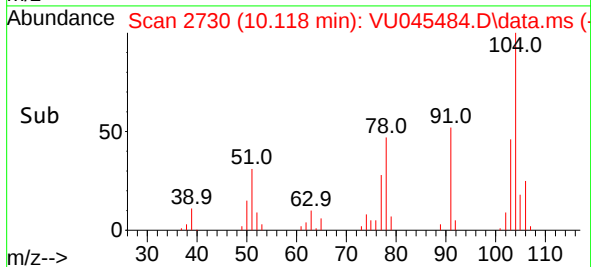
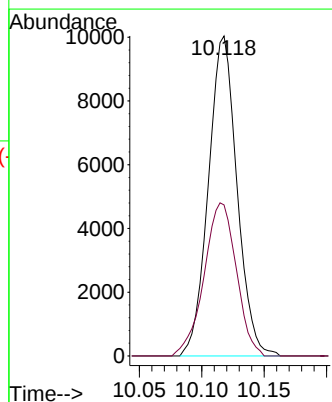
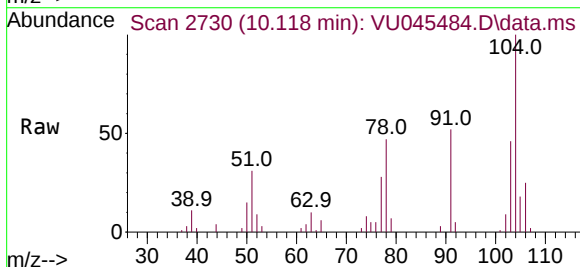
Manual Integrations
APPROVED

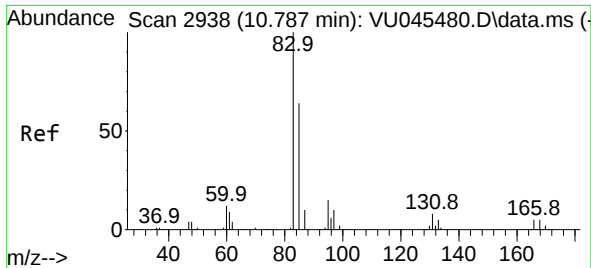
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#55
Styrene
Concen: 2.209 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

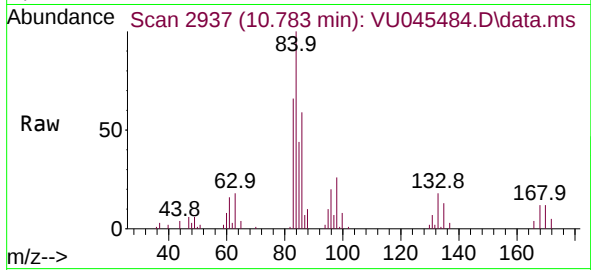
Tgt Ion:104 Resp: 16050
Ion Ratio Lower Upper
104 100
78 47.2 32.6 60.6





#57
1,1,2,2-Tetrachloroethane
Concen: 2.673 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

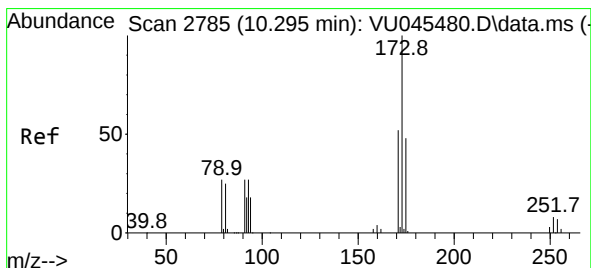
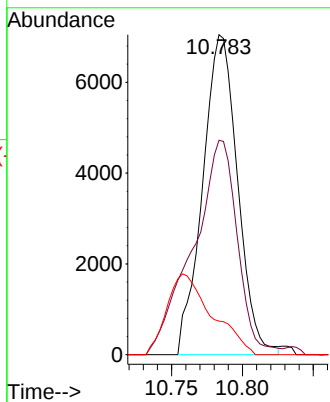
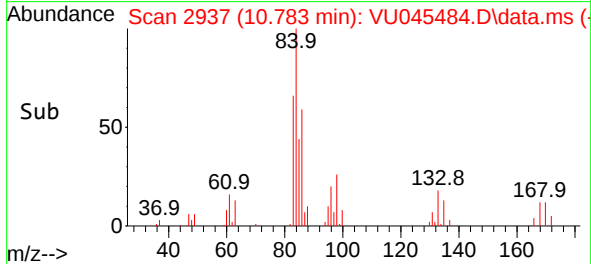
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 83 Resp: 1210
Ion Ratio Lower Upper
83 100
85 67.0 46.0 85.4
131 13.2 7.0 10.4

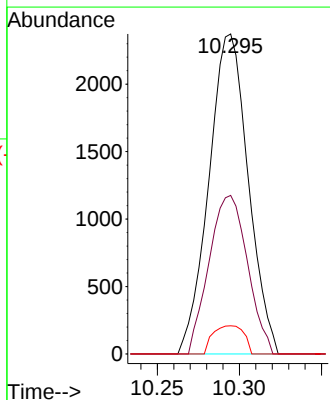
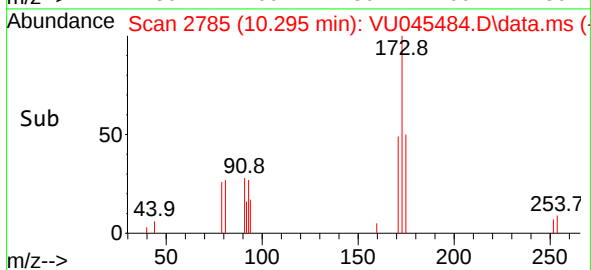
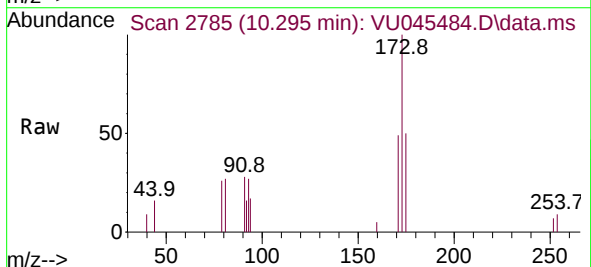
Manual Integrations
APPROVED

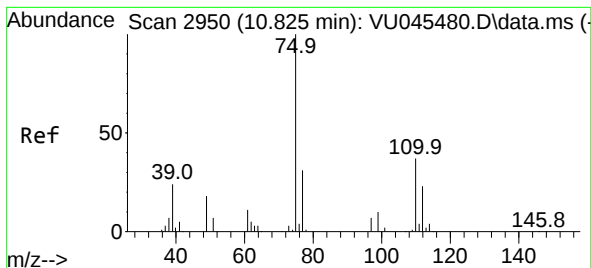
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#59
Bromoform
Concen: 2.351 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion:173 Resp: 3947
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 6.9 5.8 8.8





#60

1,2,3-Trichloropropane

Concen: 2.559 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

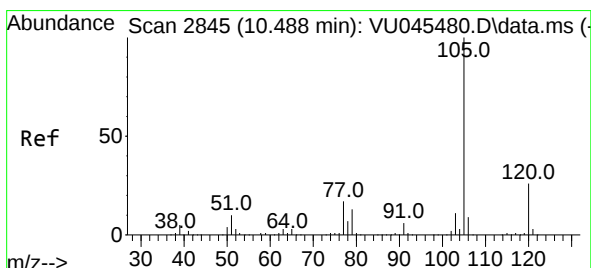
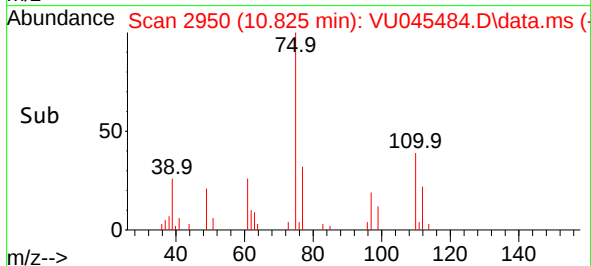
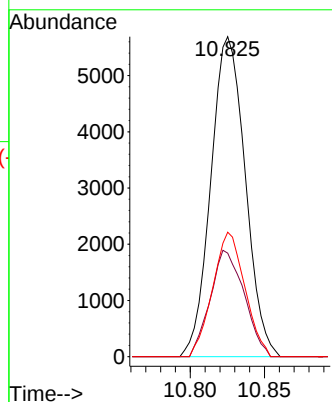
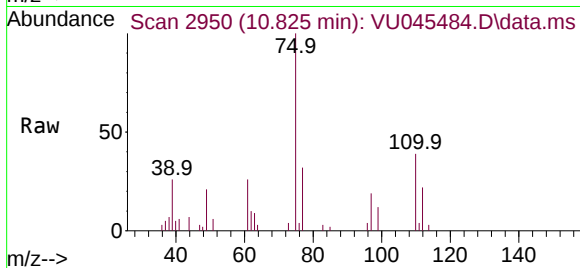
MDL03

Tgt Ion:	75	Resp:	917
Ion Ratio	Lower	Upper	
75	100		
77	32.7	25.9	38.9
110	36.4	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#61

Isopropylbenzene

Concen: 2.372 ug/L

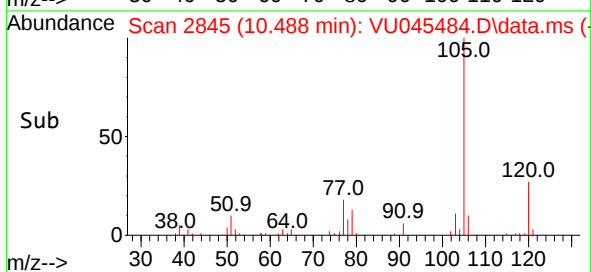
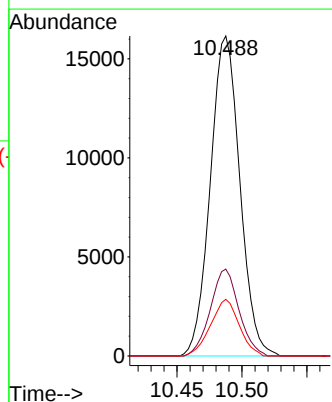
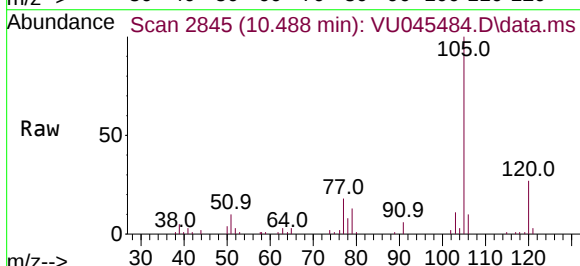
RT: 10.488 min Scan# 2845

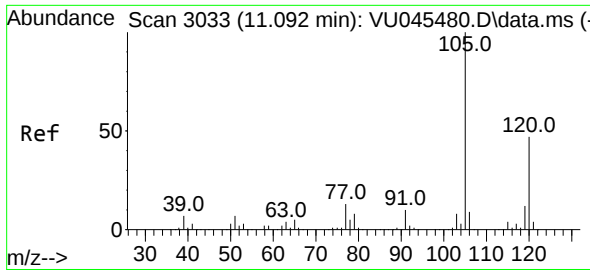
Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Tgt Ion:	105	Resp:	25526
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.4	30.6
77	17.2	13.3	19.9





#62

1,3,5-Trimethylbenzene

Concen: 2.247 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion:105 Resp: 20599

Ion Ratio Lower Upper

105 100

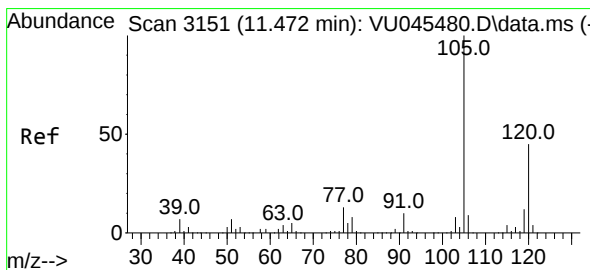
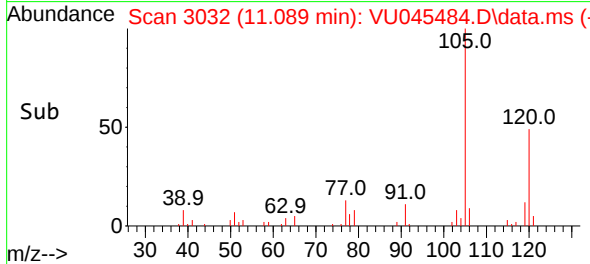
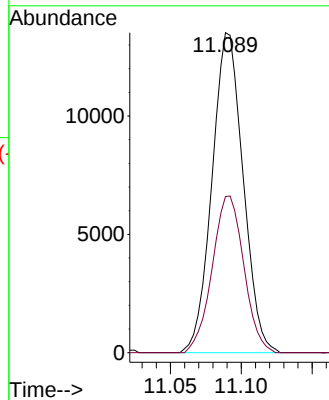
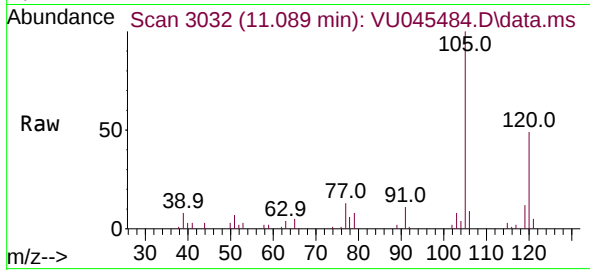
120 49.9 38.5 57.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#63

1,2,4-Trimethylbenzene

Concen: 2.286 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU045484.D

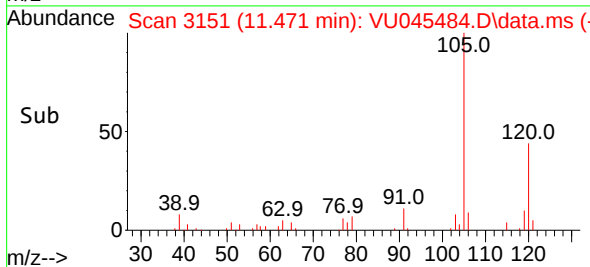
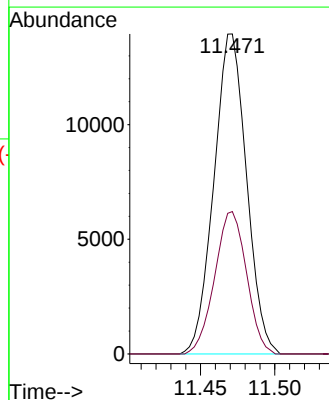
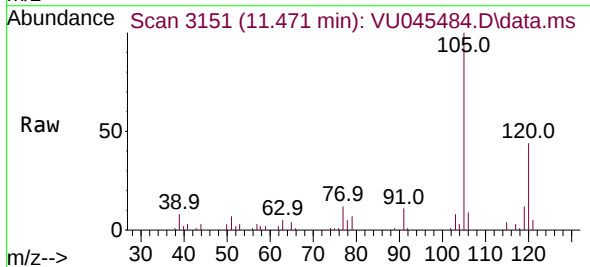
Acq: 01 Nov 2021 12:45

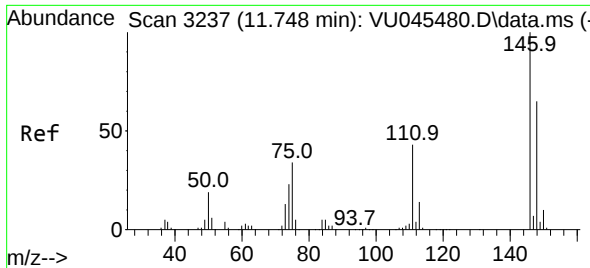
Tgt Ion:105 Resp: 21299

Ion Ratio Lower Upper

105 100

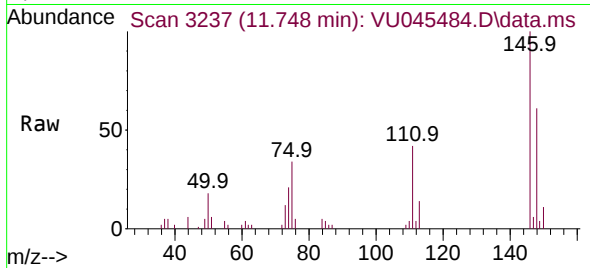
120 43.4 35.6 53.4





#64
1,3-Dichlorobenzene
Concen: 2.571 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

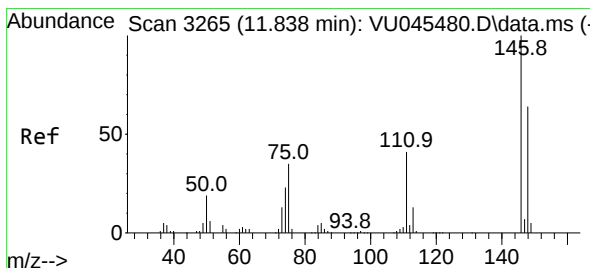
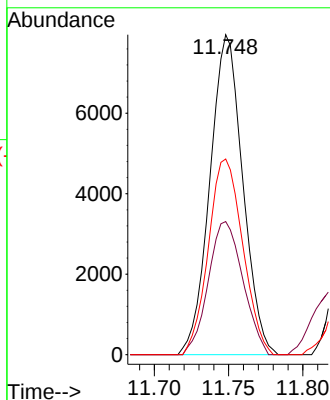
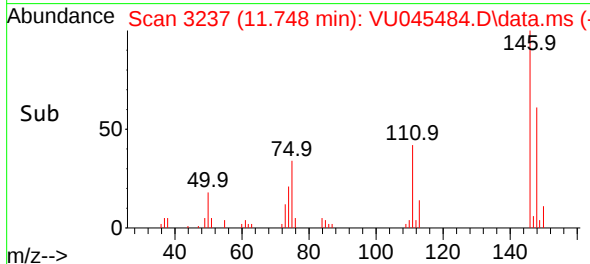
Instrument :
MSVOA_U
ClientSampleId :
MDL03



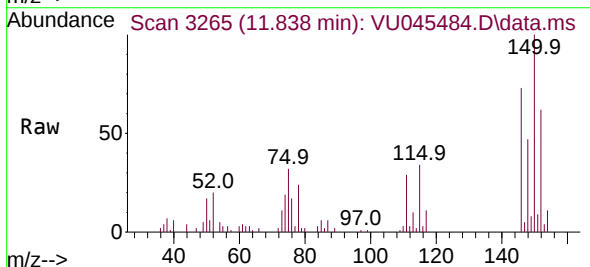
Tgt Ion:146 Resp: 1223
Ion Ratio Lower Upper
146 100
111 41.6 29.8 55.4
148 65.3 44.1 81.9

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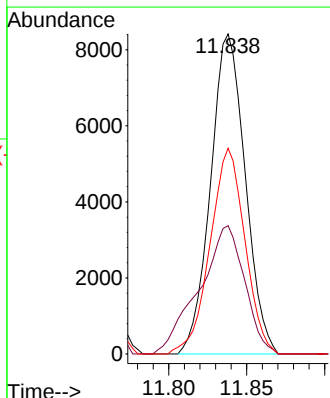
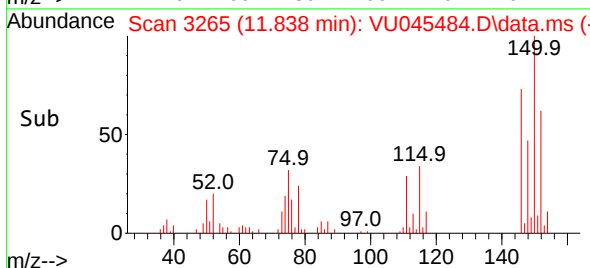
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

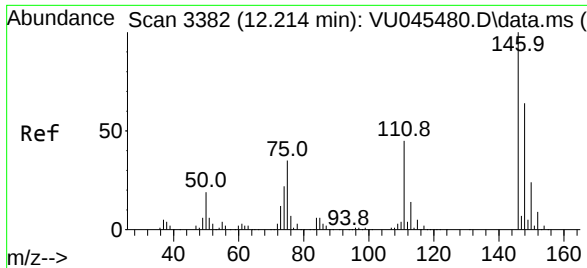


#65
1,4-Dichlorobenzene
Concen: 2.699 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45



Tgt Ion:146 Resp: 12996
Ion Ratio Lower Upper
146 100
111 40.1 28.6 53.0
148 64.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.566 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion:146 Resp: 12638

Ion Ratio Lower Upper

146 100

111 44.0 34.6 52.0

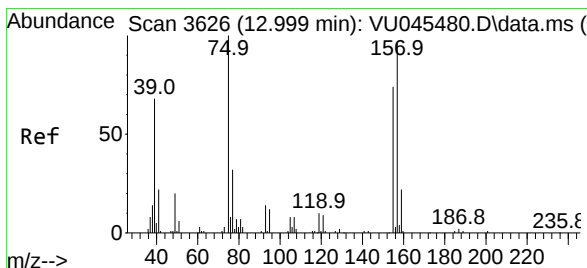
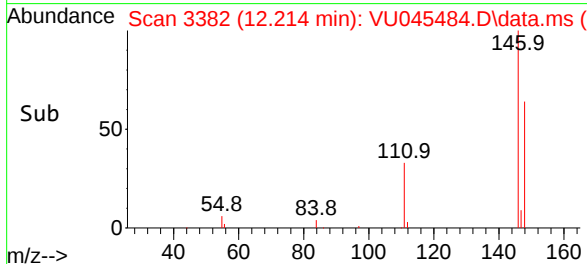
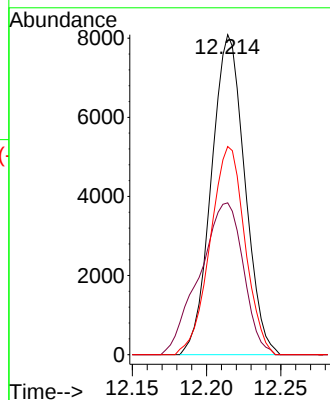
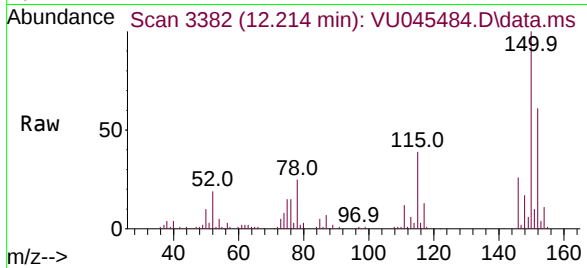
148 60.3 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#68

1,2-Dibromo-3-chloropropane

Concen: 2.374 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

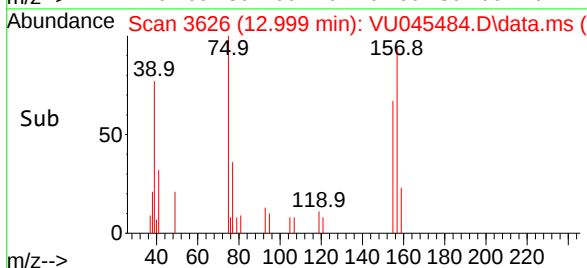
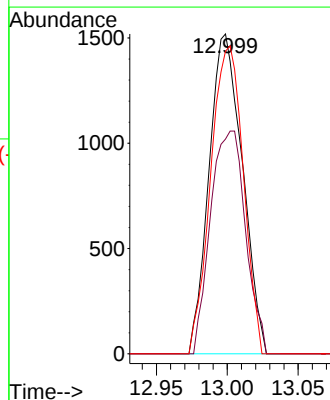
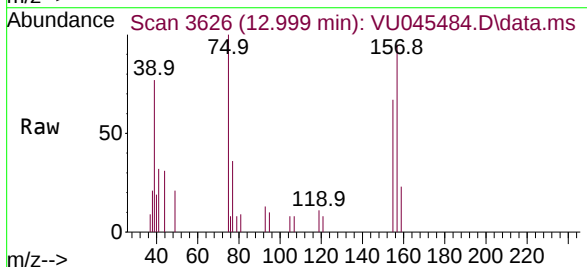
Tgt Ion: 75 Resp: 2485

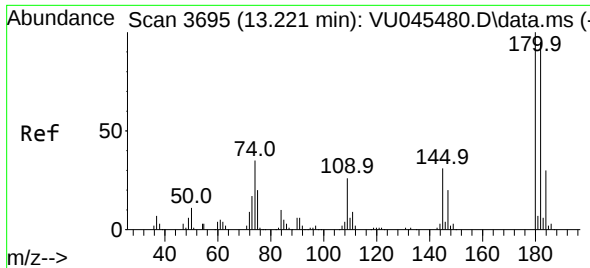
Ion Ratio Lower Upper

75 100

155 67.1 60.0 90.0

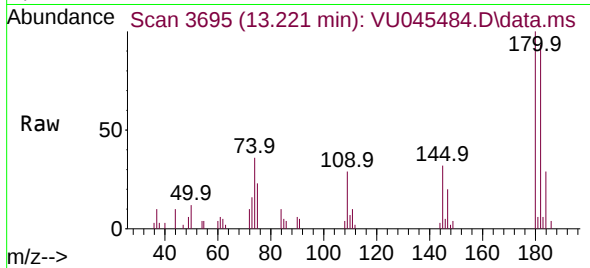
157 94.6 77.9 116.9





#69
1,3,5-Trichlorobenzene
Concen: 2.376 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

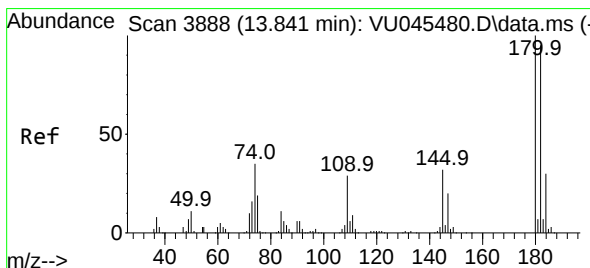
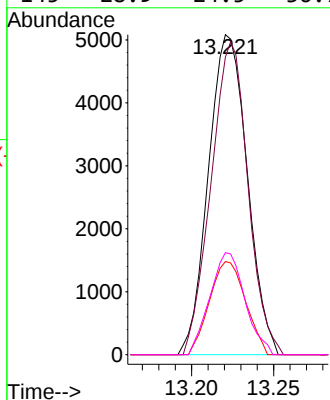
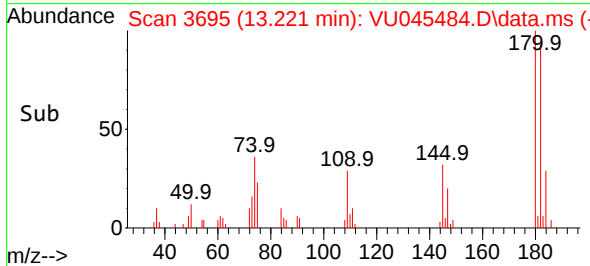
Instrument :
MSVOA_U
ClientSampleId :
MDL03



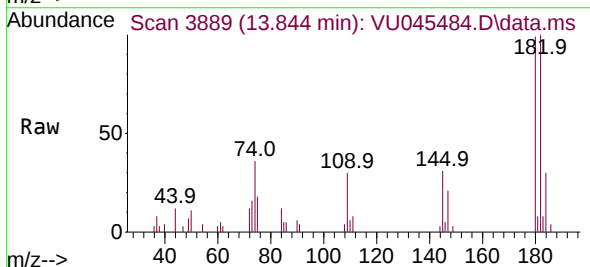
Tgt Ion:180 Resp: 834
Ion Ratio Lower Upper
180 100
182 93.0 76.6 114.8
184 27.1 23.9 35.9
145 28.9 24.5 36.7

Manual Integrations
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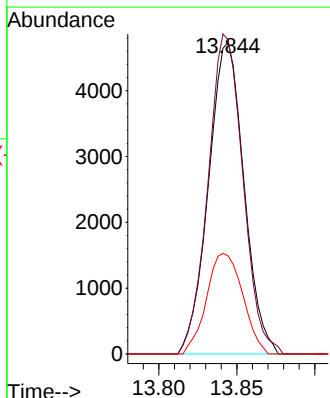
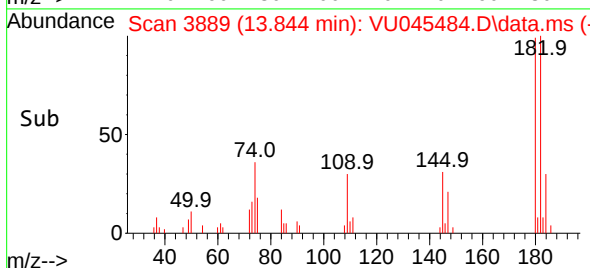
Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

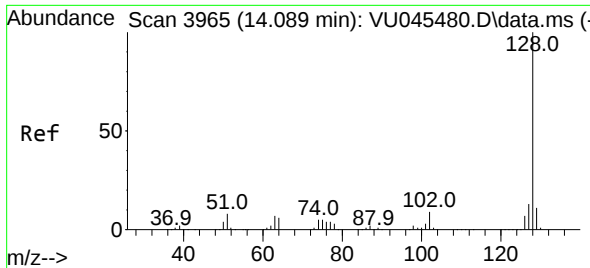


#70
1,2,4-trichlorobenzene
Concen: 2.332 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45



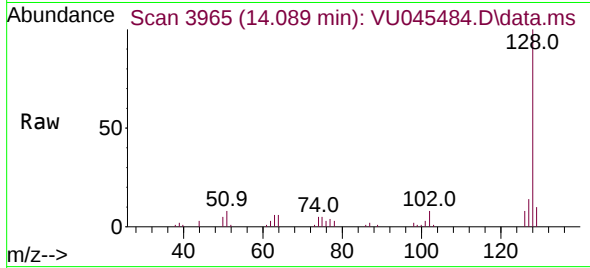
Tgt Ion:180 Resp: 7479
Ion Ratio Lower Upper
180 100
182 100.9 76.1 114.1
145 32.9 25.3 37.9





#71
Naphthalene
Concen: 2.294 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

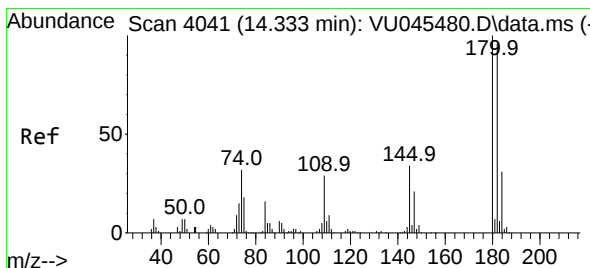
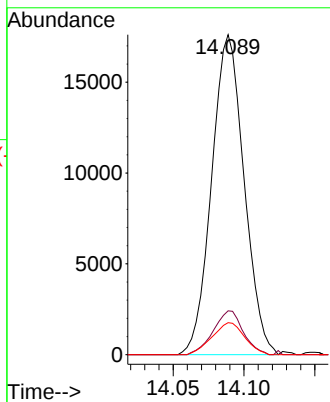
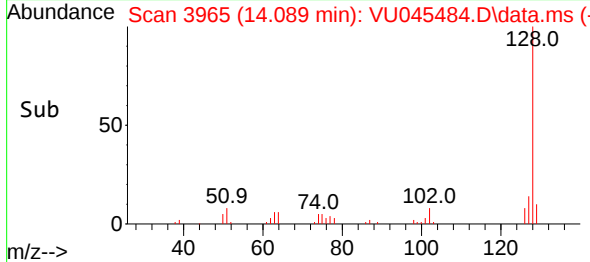
Instrument :
MSVOA_U
ClientSampleId :
MDL03



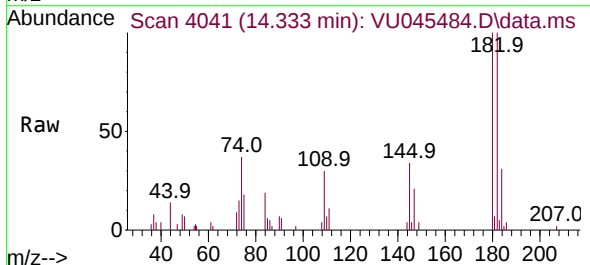
Tgt Ion:128 Resp: 2803
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#72
1,2,3-Trichlorobenzene
Concen: 2.503 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45



Tgt Ion:180 Resp: 8216
Ion Ratio Lower Upper
180 100
182 98.2 75.7 113.5
145 34.0 27.0 40.4

