

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045442.D
 Acq On : 28 Oct 2021 16:08
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

SAM

11/2/2021 5:49:48 PM

Quant Time: Oct 29 03:12:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	318632	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	301833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	121497	46.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.700%
7) Chloroethane-d5	1.916	69	104767	50.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.820%
11) 1,1-Dichloroethene-d2	2.572	63	167879	36.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.900%
21) 2-Butanone-d5	4.626	46	212978	98.132	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.130%
24) Chloroform-d	5.067	84	220870	47.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
26) 1,2-Dichloroethane-d4	5.707	65	151608	49.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.560%
32) Benzene-d6	5.732	84	456897	48.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	6.694	67	148563	49.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.899	98	395885	48.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.300%
43) trans-1,3-Dichloroprop...	8.182	79	68964	48.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.220%
47) 2-Hexanone-d5	8.632	63	152907	94.873	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.870%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213192	47.050	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	145081	49.645	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6942	2.466	ug/L	98
3) Chloromethane	1.520	50	9568	2.815	ug/L	98
5) Vinyl chloride	1.607	62	8829	2.762	ug/L	85
6) Bromomethane	1.861	94	4580	2.784	ug/L	96
8) Chloroethane	1.935	64	5600	2.966	ug/L	99
9) Trichlorofluoromethane	2.141	101	9855	2.606	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	7077	3.071	ug/L #	84
12) 1,1-Dichloroethene	2.581	96	6666	3.065	ug/L #	1
13) Acetone	2.636	43	9697	5.448	ug/L	97
14) Carbon disulfide	2.797	76	16051	2.581	ug/L	99
15) Methyl Acetate	2.954	43	7985	2.655	ug/L	96
16) Methylene chloride	3.051	84	7326	2.729	ug/L	92
17) trans-1,2-Dichloroethene	3.359	96	5946	2.555	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	20543	2.518	ug/L	99
19) 1,1-Dichloroethane	3.874	63	11837	2.552	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	6999	2.637	ug/L	97
22) 2-Butanone	4.710	43	11200	4.607	ug/L	99
23) Bromochloromethane	4.977	128	3020	2.363	ug/L	93
25) Chloroform	5.096	83	13014	2.804	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	10045	2.646	ug/L	100
29) Cyclohexane	5.391	56	10790	2.494	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	9956	2.598	ug/L	98
31) Carbon tetrachloride	5.530	117	7679	2.534	ug/L	100
33) Benzene	5.777	78	27125	2.591	ug/L	100
34) Trichloroethene	6.546	95	6173	2.456	ug/L	90
35) Methylcyclohexane	6.768	83	10793	2.472	ug/L	97
37) 1,2-Dichloropropane	6.796	63	7087	2.550	ug/L #	97
38) Bromodichloromethane	7.108	83	8520	2.438	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	10078	2.370	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	19851	4.839	ug/L	98
42) Toluene	7.973	91	34251	3.144	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	10964m	2.735	ug/L	
45) 1,1,2-Trichloroethane	8.404	97	6705	2.598	ug/L	94
46) Tetrachloroethene	8.555	164	4386	2.460	ug/L	99
48) 2-Hexanone	8.687	43	19598	5.736	ug/L	97
49) Dibromochloromethane	8.812	129	6064	2.438	ug/L	100
50) 1,2-Dibromoethane	8.925	107	6927	2.557	ug/L	95
51) Chlorobenzene	9.449	112	16674	2.533	ug/L	98
52) Ethylbenzene	9.571	91	28431	2.460	ug/L	99
53) m,p-Xylene	9.697	106	10959	2.478	ug/L	94
54) o-xylene	10.102	106	10277	2.346	ug/L	88
55) Styrene	10.118	104	16933	2.301	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	12310	2.685	ug/L #	94
59) Bromoform	10.292	173	4091	2.456	ug/L #	93
60) 1,2,3-Trichloropropane	10.825	75	9391	2.640	ug/L	99
61) Isopropylbenzene	10.488	105	26296	2.463	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	21253	2.337	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	21555	2.332	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	12241	2.592	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	13148	2.752	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	13027	2.666	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	2359	2.271	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	8777	2.520	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	7667	2.409	ug/L	98
71) Naphthalene	14.089	128	26928	2.221	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	8295	2.547	ug/L	98

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

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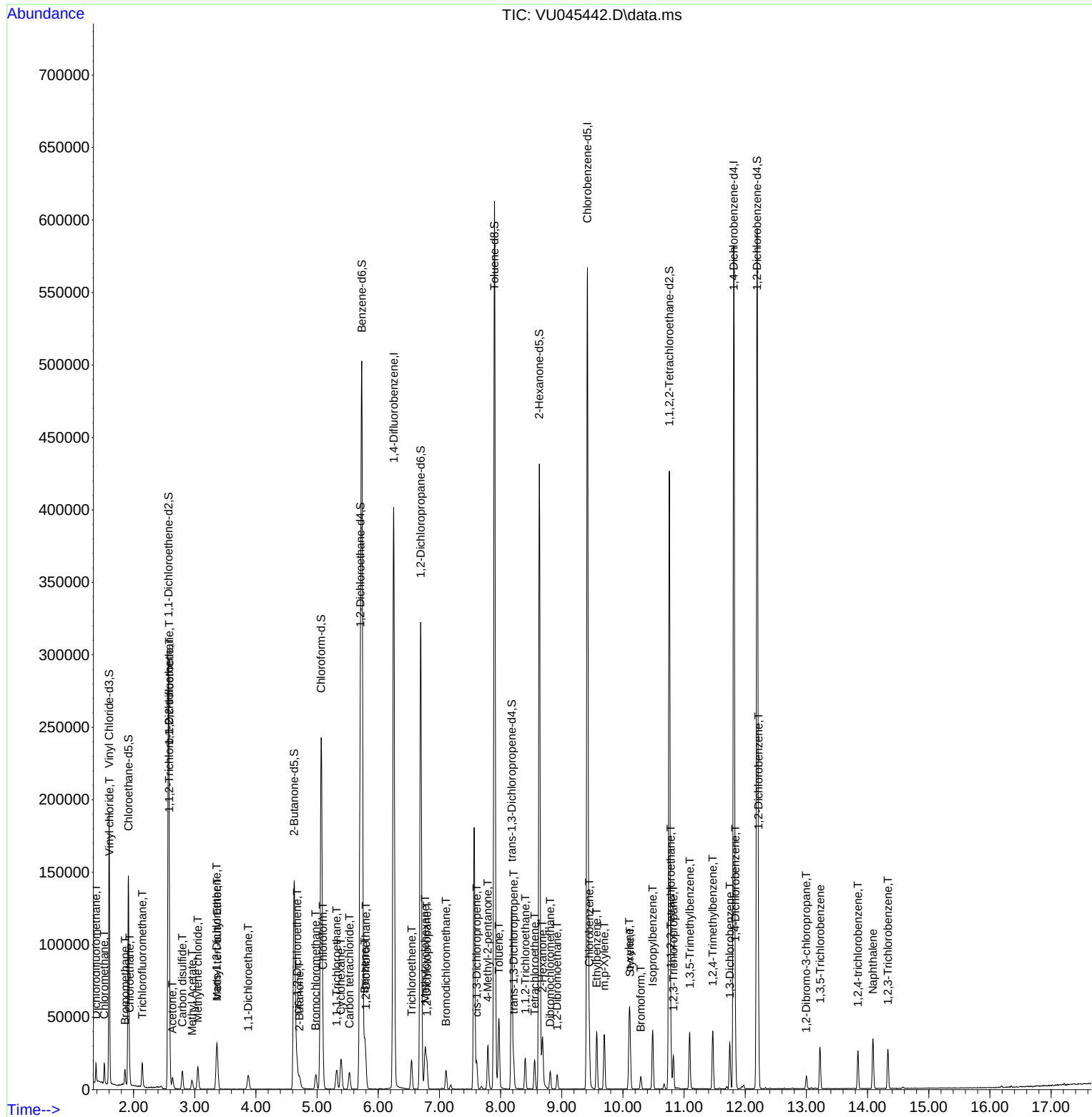
Instrument :
MSVOA_U
ClientSampleId :
MDL01

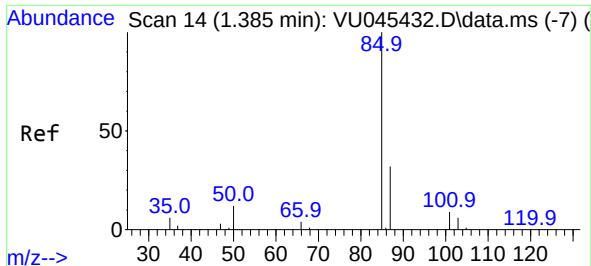
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#2
Dichlorodifluoromethane
Concen: 2.466 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

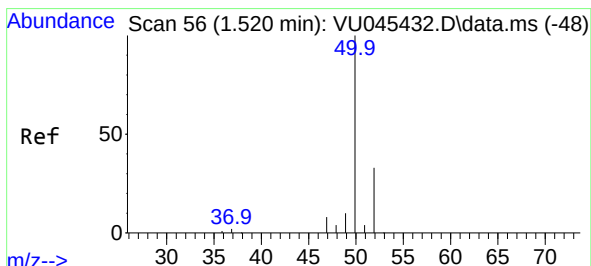
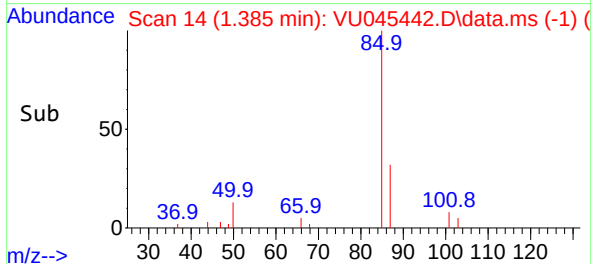
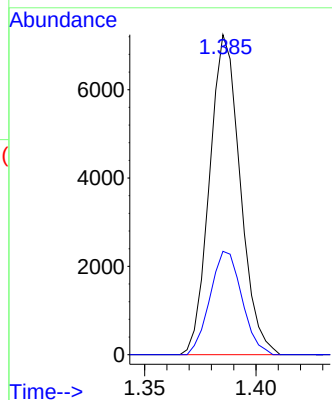
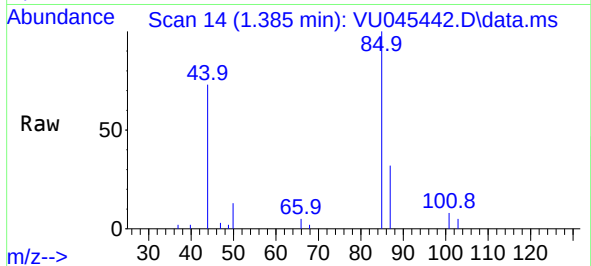
Tgt Ion: 85 Resp: 6942
Ion Ratio Lower Upper
85 100
87 33.5 26.0 39.0

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
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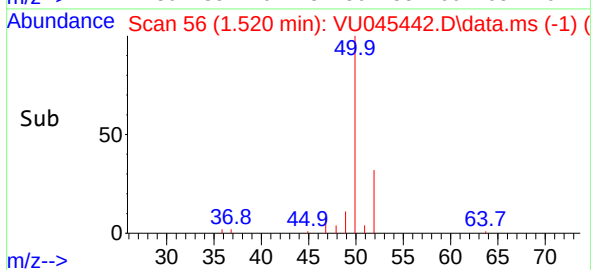
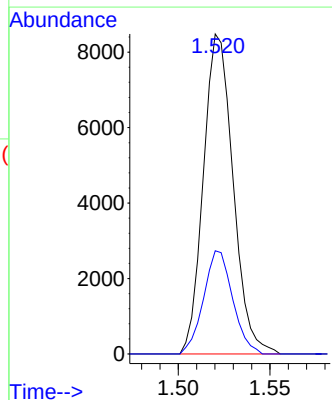
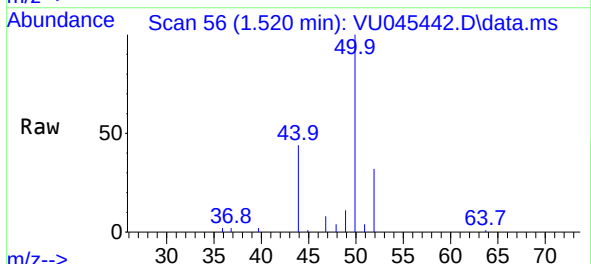
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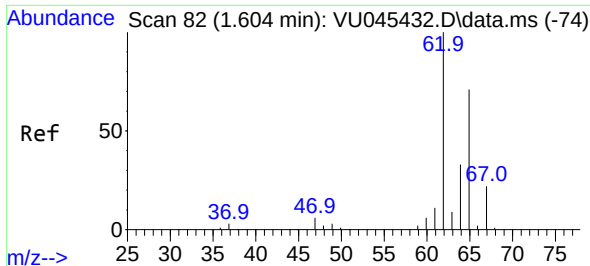
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#3
Chloromethane
Concen: 2.815 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 50 Resp: 9568
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2





#5
 Vinyl chloride
 Concen: 2.762 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU045442.D
 Acq: 28 Oct 2021 16:08

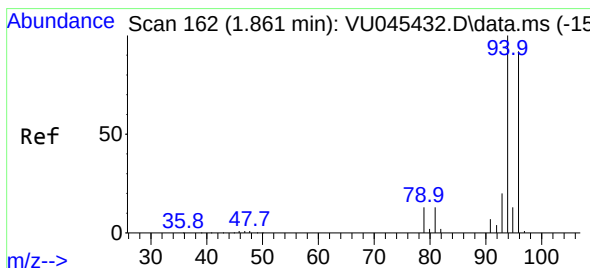
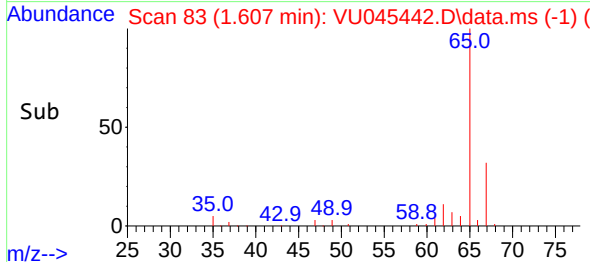
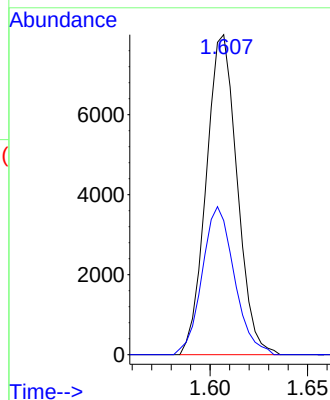
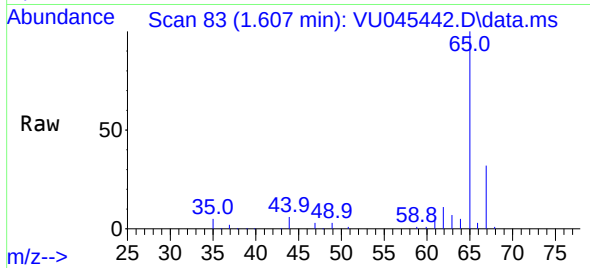
Tgt Ion: 62 Resp: 8829
 Ion Ratio Lower Upper
 62 100
 64 41.9 23.3 43.3

Instrument :
 MSVOA_U
 ClientSampled :
 MDL01

Manual Integrations
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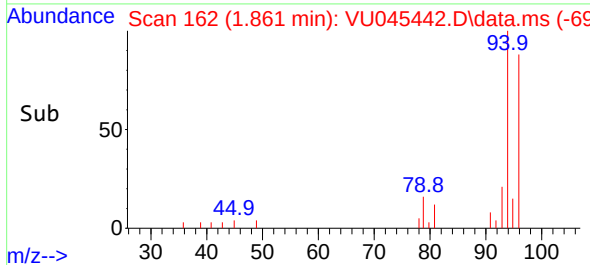
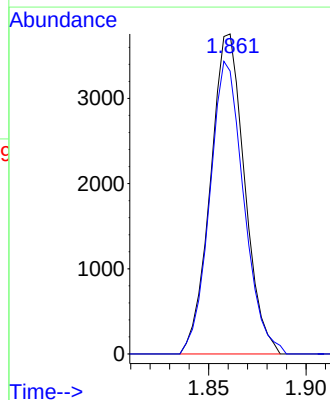
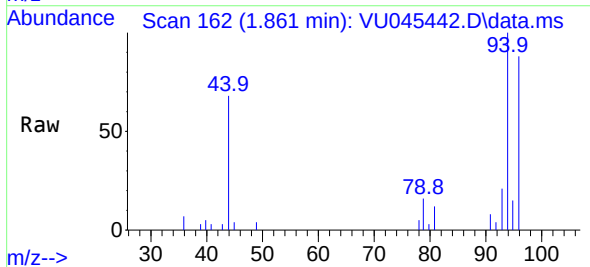
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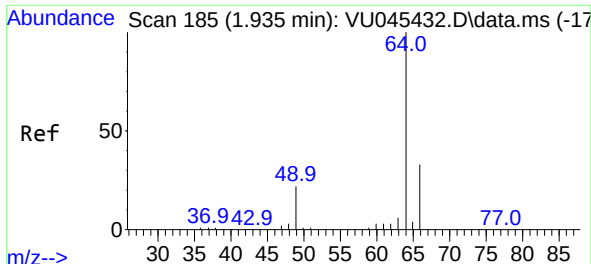
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#6
 Bromomethane
 Concen: 2.784 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045442.D
 Acq: 28 Oct 2021 16:08

Tgt Ion: 94 Resp: 4580
 Ion Ratio Lower Upper
 94 100
 96 88.4 64.9 120.5





#8
Chloroethane
Concen: 2.966 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

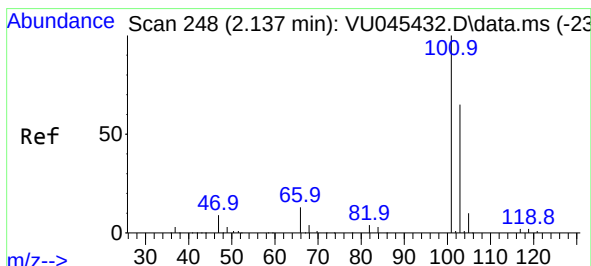
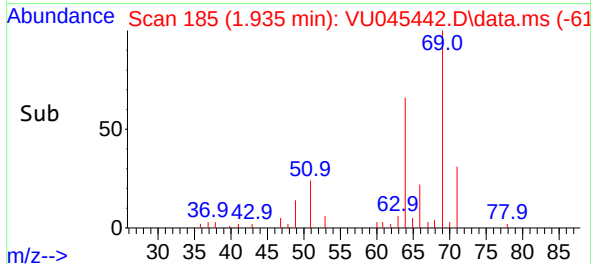
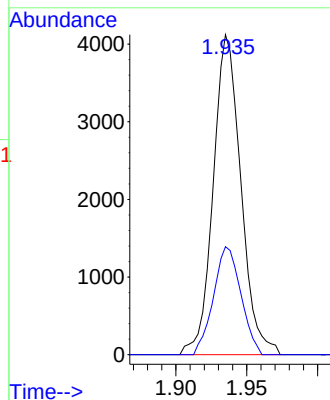
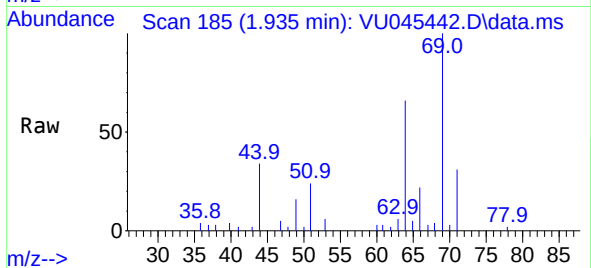
Tgt Ion: 64 Resp: 5600
Ion Ratio Lower Upper
64 100
66 33.8 23.2 43.2

Instrument :
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ClientSampled :
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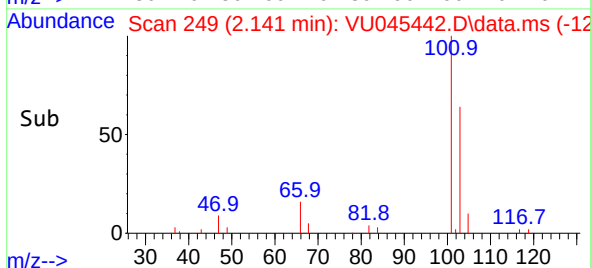
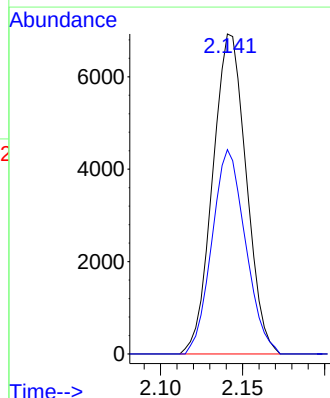
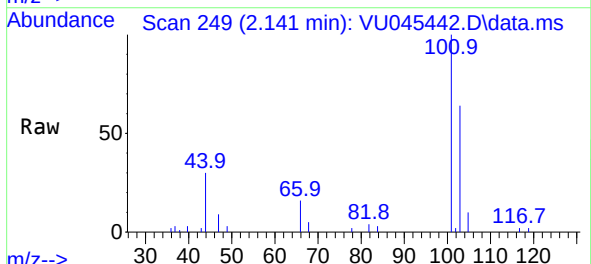
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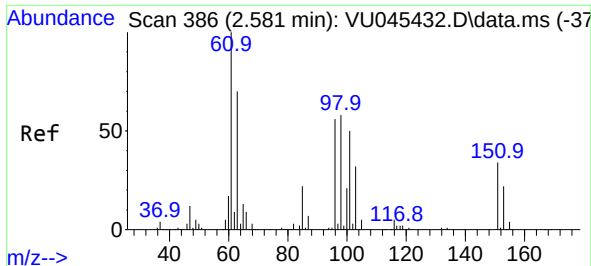
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#9
Trichlorofluoromethane
Concen: 2.606 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 101 Resp: 9855
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.071 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

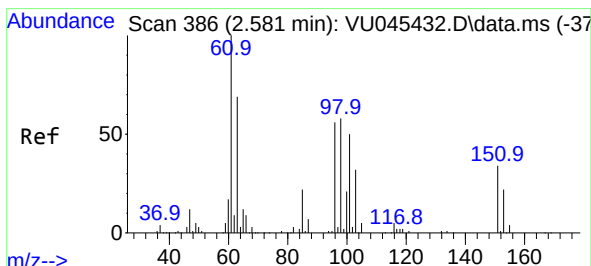
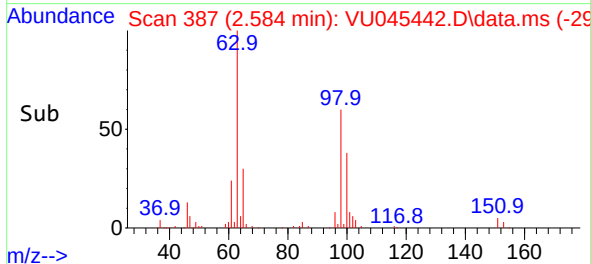
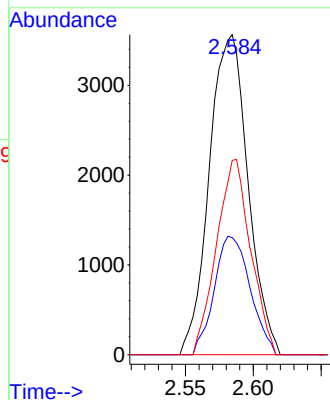
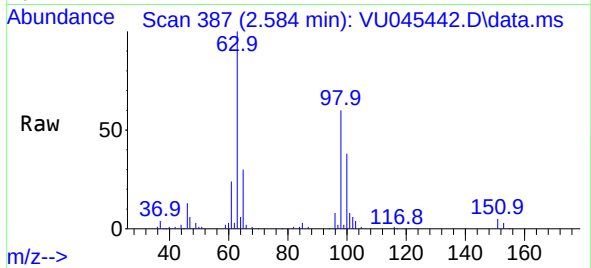
Tgt Ion: 101 Resp: 7077
Ion Ratio Lower Upper
101 100
85 34.3 34.8 52.2#
151 53.8 54.6 81.8#

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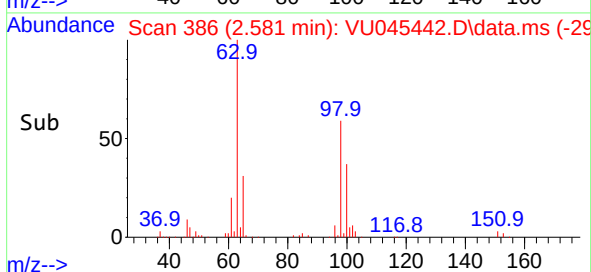
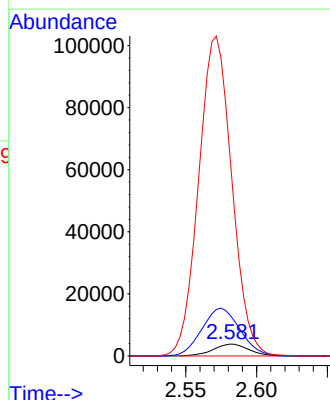
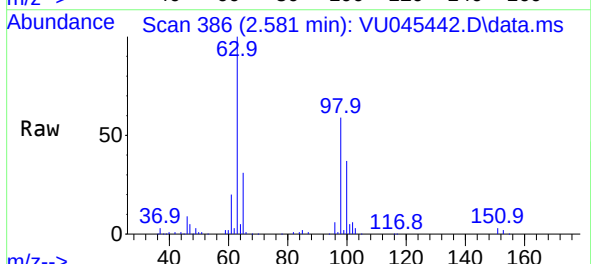
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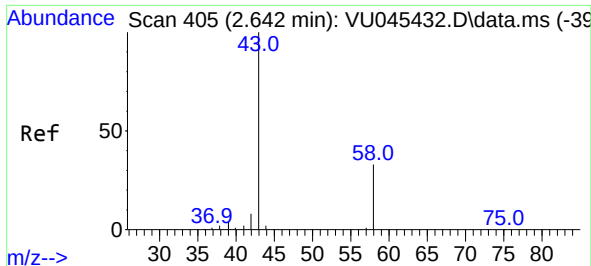
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#12
1,1-Dichloroethene
Concen: 3.065 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 96 Resp: 6666
Ion Ratio Lower Upper
96 100
61 346.3 126.3 234.5#
63 1691.9 89.2 165.8#





#13
Acetone
Concen: 5.448 ug/L
RT: 2.636 min Scan# 403
Delta R.T. -0.006 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

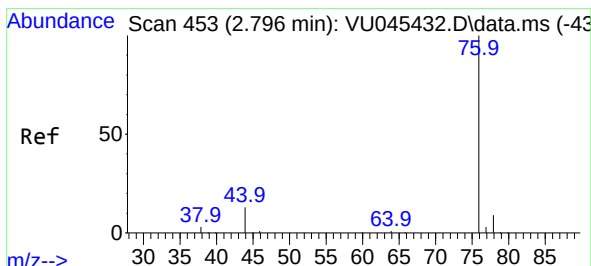
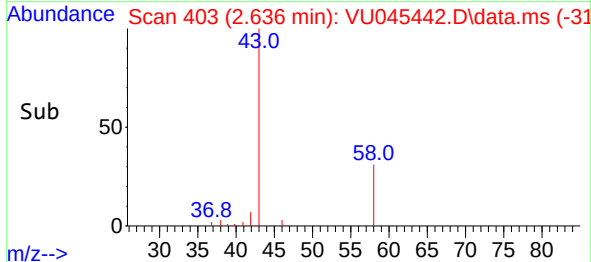
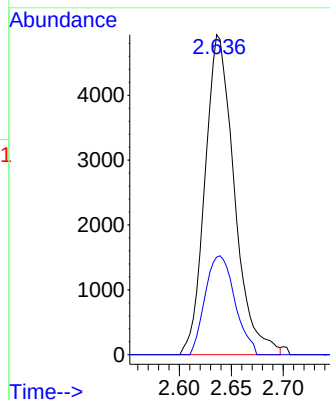
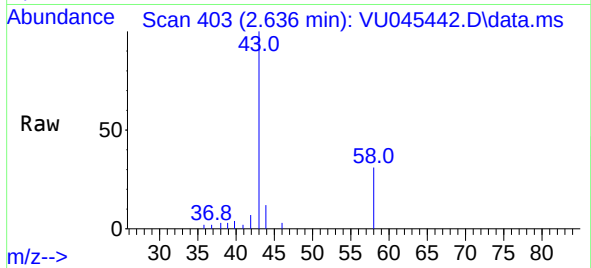
Tgt Ion: 43 Resp: 9697
Ion Ratio Lower Upper
43 100
58 31.2 0.0 66.2

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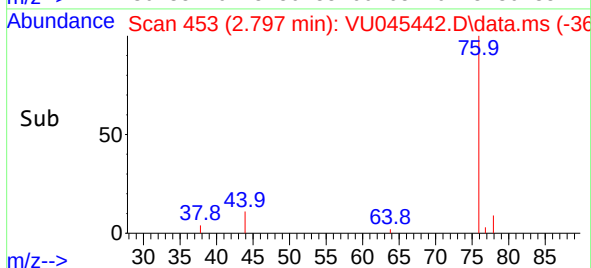
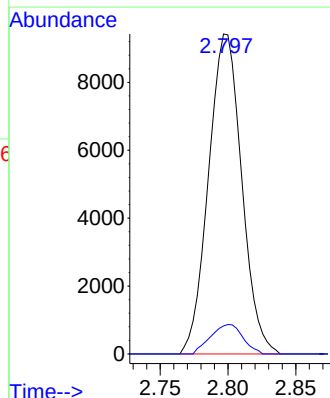
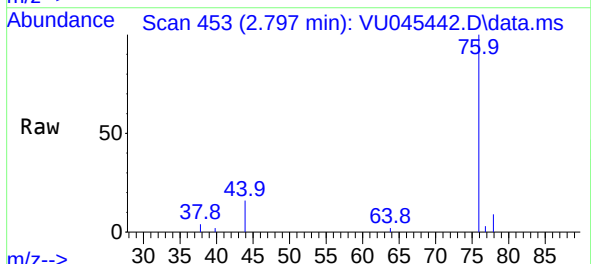
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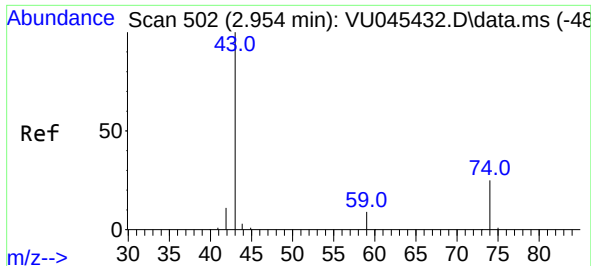
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#14
Carbon disulfide
Concen: 2.581 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 76 Resp: 16051
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#15
Methyl Acetate
Concen: 2.655 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

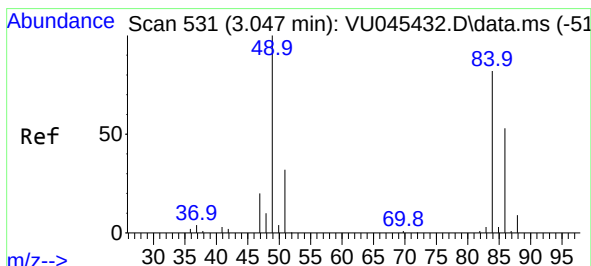
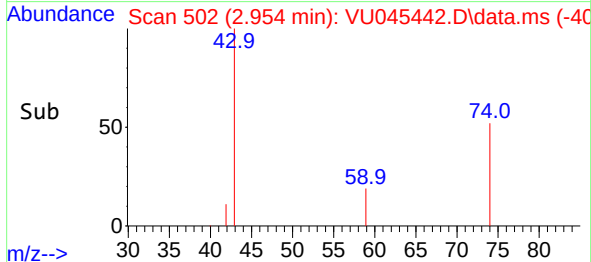
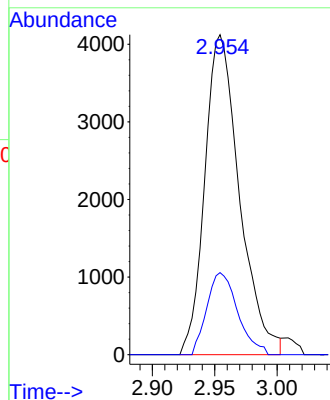
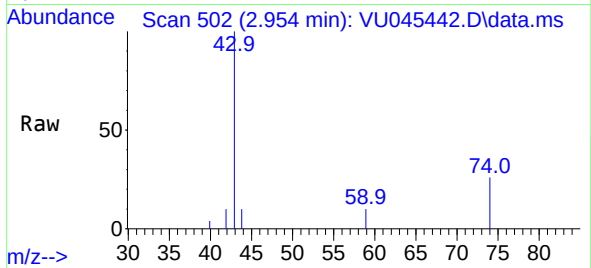
Tgt Ion: 43 Resp: 7985
Ion Ratio Lower Upper
43 100
74 22.8 20.0 30.0

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
APPROVED

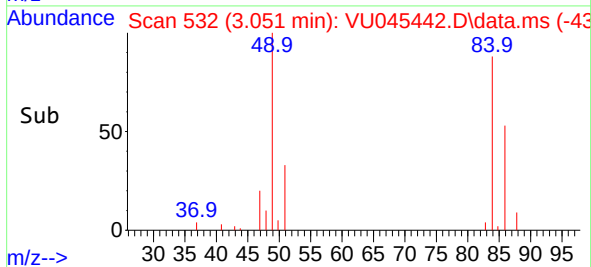
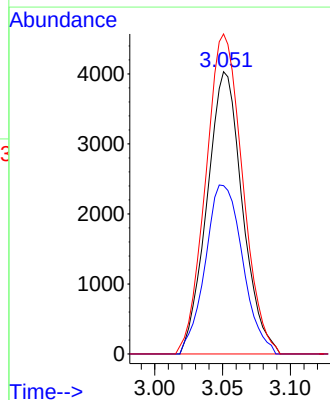
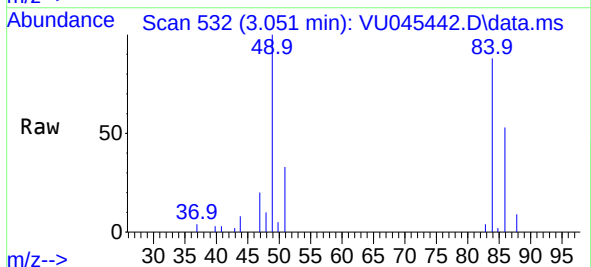
SAM

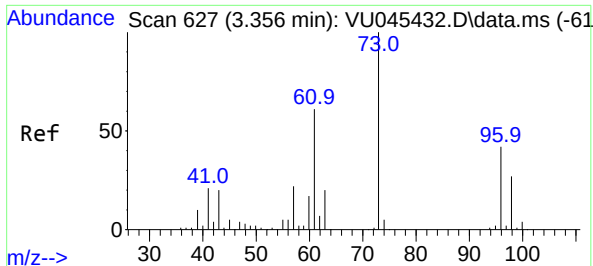
11/2/2021 5:49:48 PM



#16
Methylene chloride
Concen: 2.729 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 84 Resp: 7326
Ion Ratio Lower Upper
84 100
86 59.6 45.8 85.2
49 113.4 85.9 159.5





#17
trans-1,2-Dichloroethene
Concen: 2.555 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

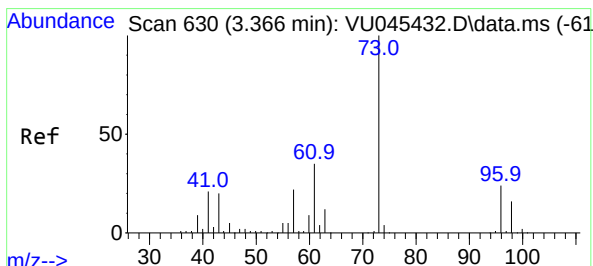
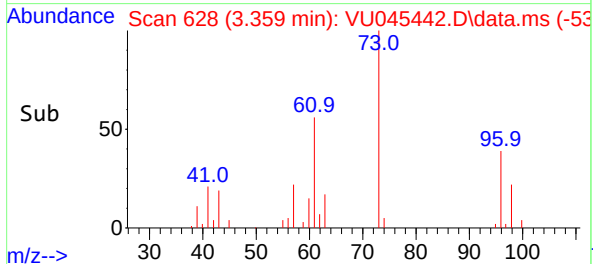
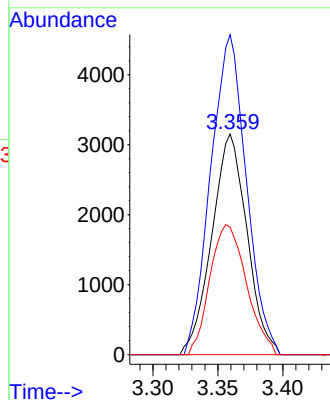
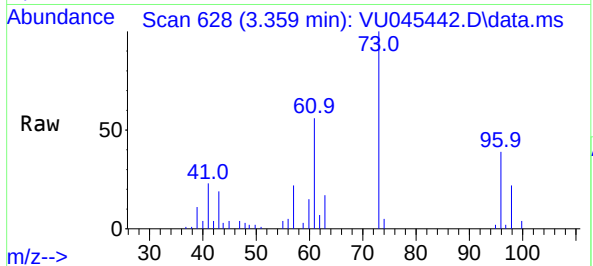
Tgt Ion: 96 Resp: 5946
Ion Ratio Lower Upper
96 100
61 145.0 101.8 189.2
98 57.8 45.1 83.7

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
APPROVED

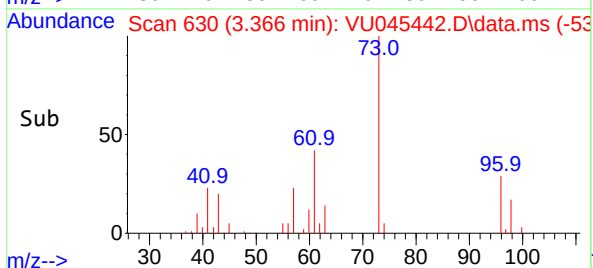
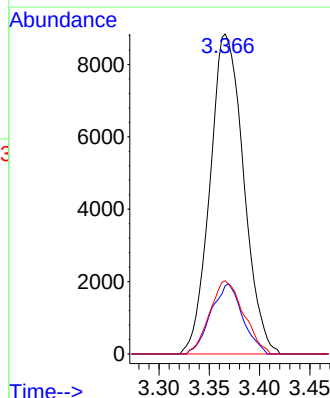
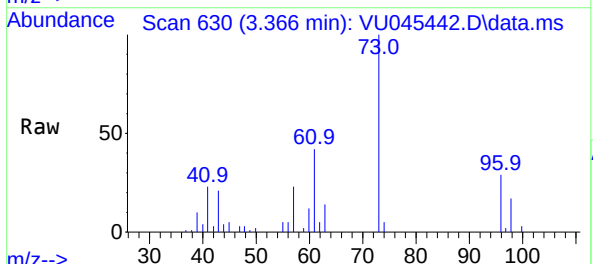
SAM

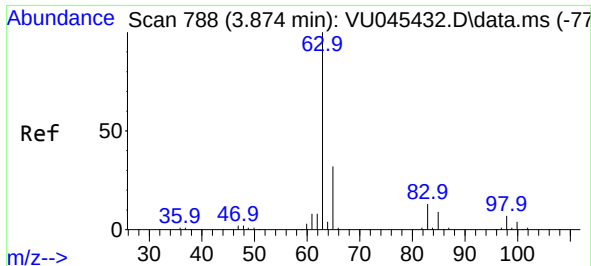
11/2/2021 5:49:48 PM



#18
Methyl tert-butyl Ether
Concen: 2.518 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 73 Resp: 20543
Ion Ratio Lower Upper
73 100
43 20.6 16.2 24.4
57 23.0 18.1 27.1





#19
1,1-Dichloroethane
Concen: 2.552 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

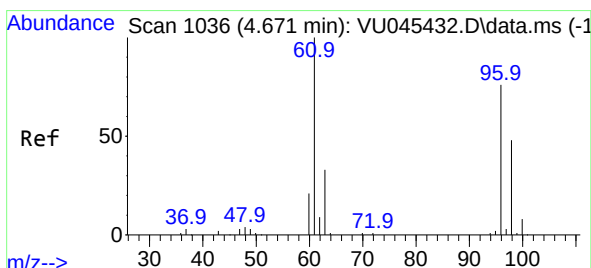
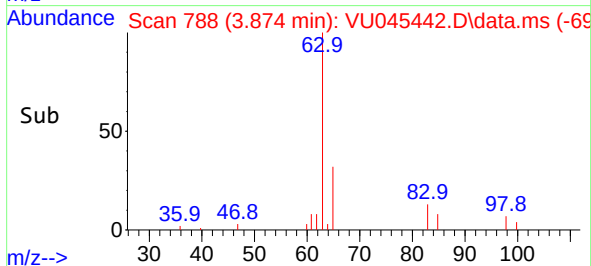
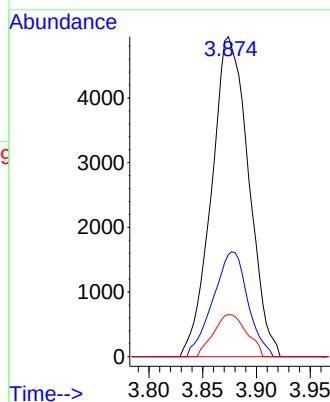
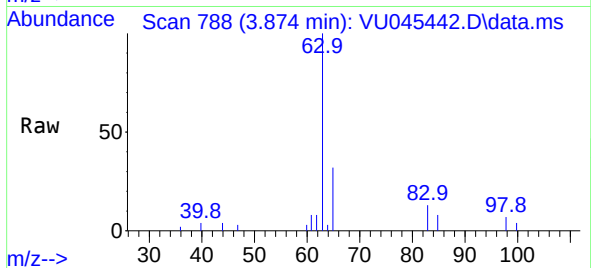
Tgt Ion:	63	Resp:	11837
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.4	41.6
83	13.2	9.0	16.6

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
APPROVED

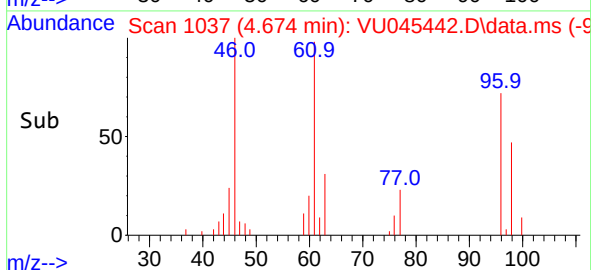
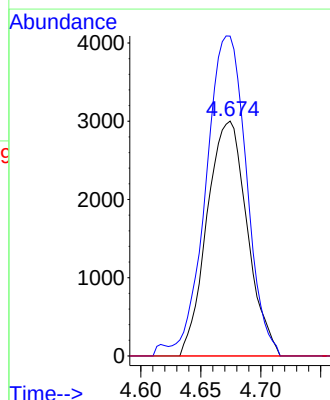
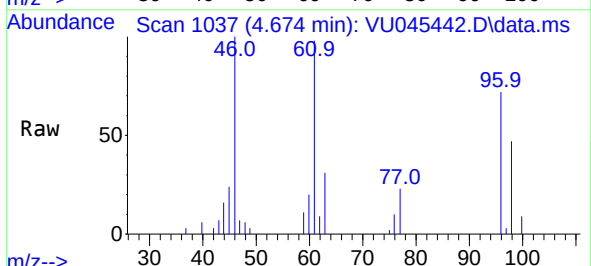
SAM

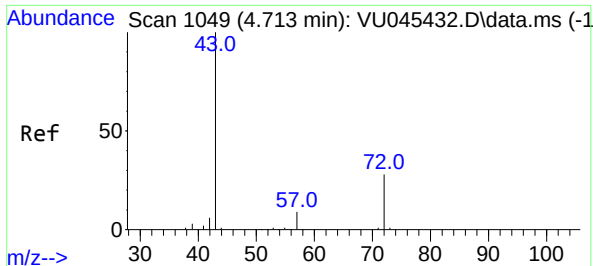
11/2/2021 5:49:48 PM



#20
cis-1,2-Dichloroethene
Concen: 2.637 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion:	96	Resp:	6999
Ion	Ratio	Lower	Upper
96	100		
61	136.2	92.8	172.4
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 4.607 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU045442.D

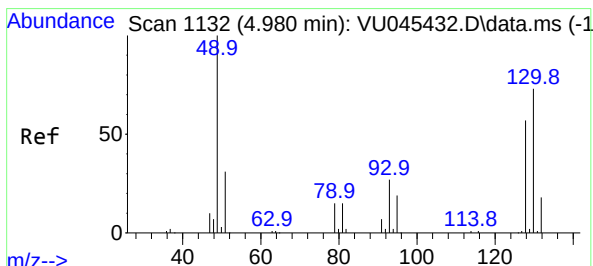
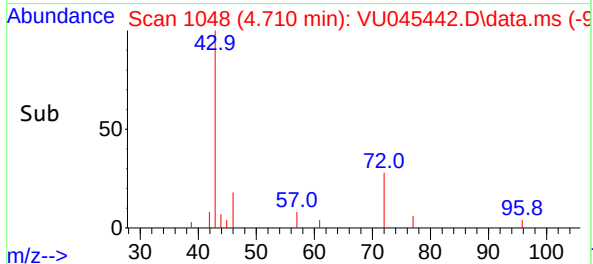
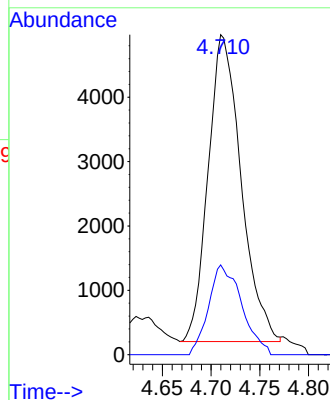
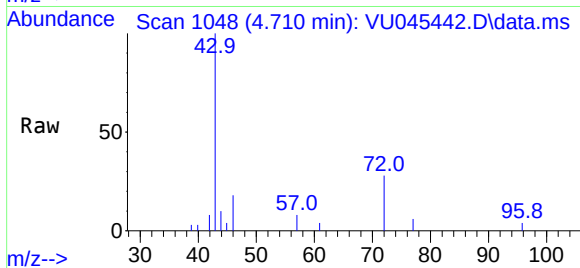
Acq: 28 Oct 2021 16:08

Tgt Ion: 43 Resp: 11200

Ion Ratio Lower Upper

43 100

72 29.4 14.4 43.2



#23

Bromochloromethane

Concen: 2.363 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU045442.D

Acq: 28 Oct 2021 16:08

Tgt Ion: 128 Resp: 3020

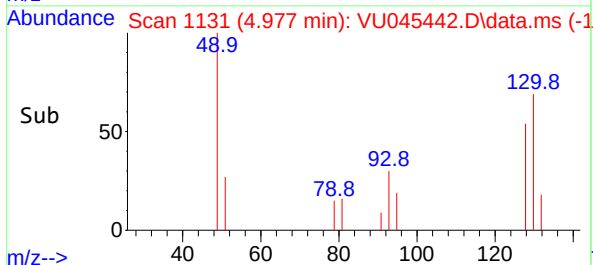
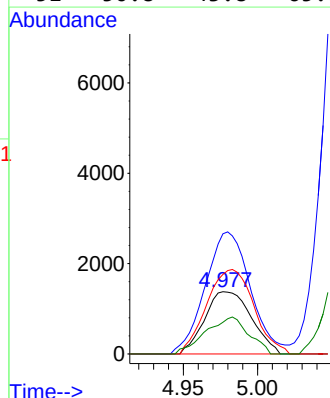
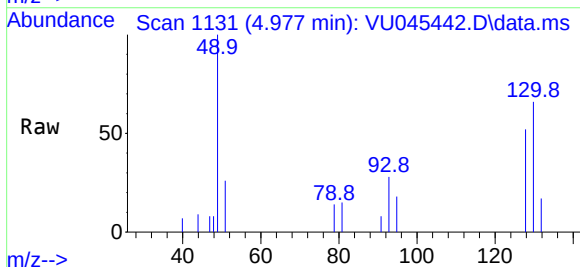
Ion Ratio Lower Upper

128 100

49 192.9 123.1 228.5

130 127.7 89.8 166.8

51 50.8 43.8 65.8



Instrument :

MSVOA_U

ClientSampled :

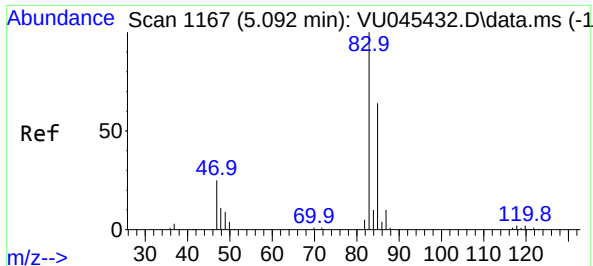
MDL01

Manual Integrations

APPROVED

SAM

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#25

Chloroform
Concen: 2.804 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

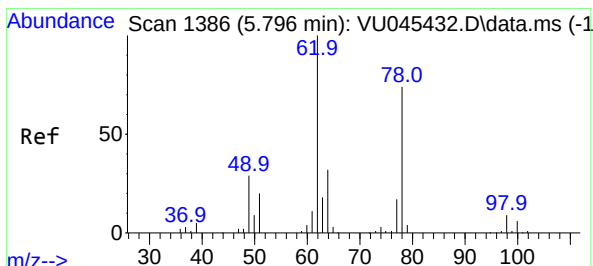
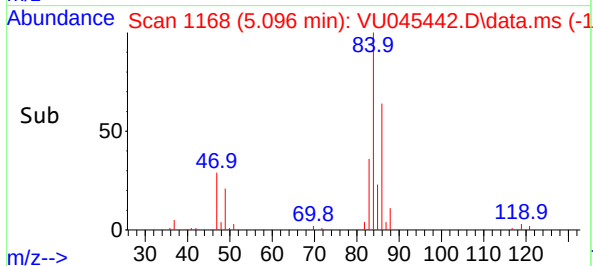
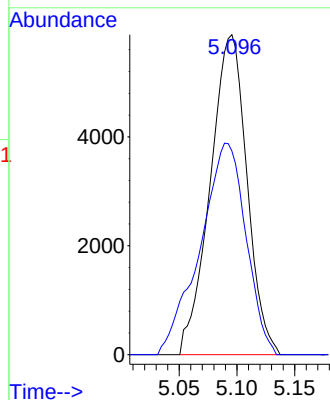
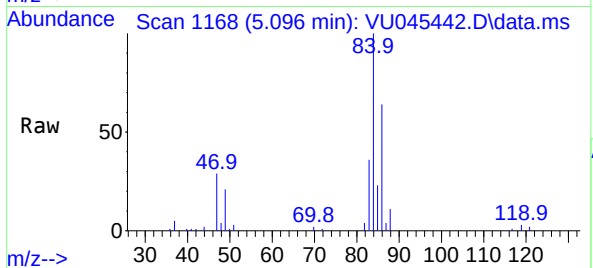
Tgt Ion: 83 Resp: 13014
Ion Ratio Lower Upper
83 100
85 63.7 45.0 83.6

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
APPROVED

SAM

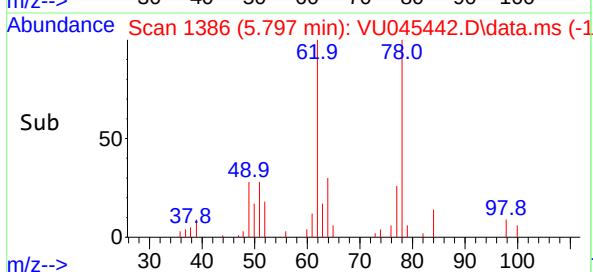
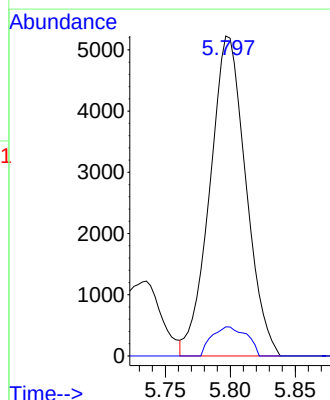
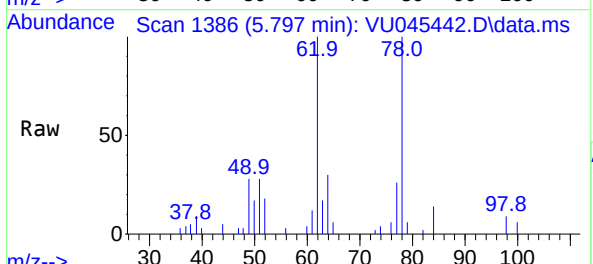
11/2/2021 5:49:48 PM

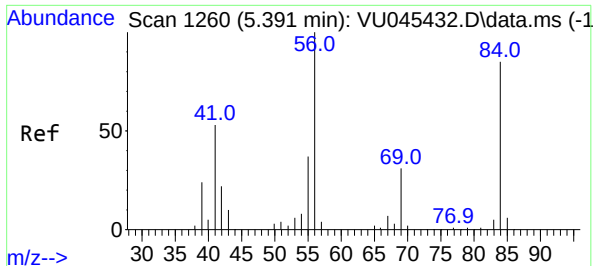


#27

1,2-Dichloroethane
Concen: 2.646 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 62 Resp: 10045
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#29

Cyclohexane

Concen: 2.494 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045442.D

Acq: 28 Oct 2021 16:08

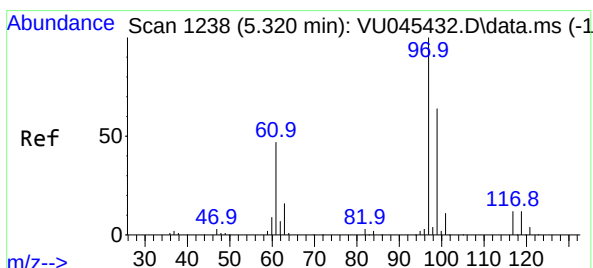
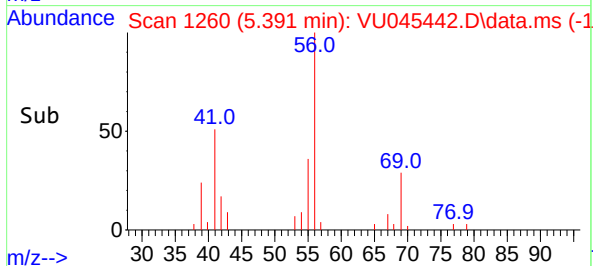
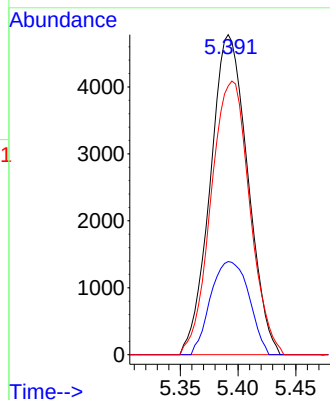
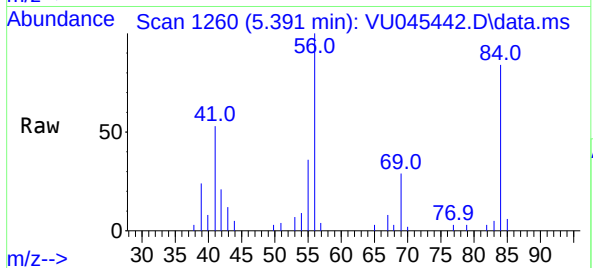
Tgt Ion:	56	Resp:	10790
Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.0	37.4
84	88.4	69.9	104.9

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
APPROVED

SAM

11/2/2021 5:49:48 PM



#30

1,1,1-Trichloroethane

Concen: 2.598 ug/L

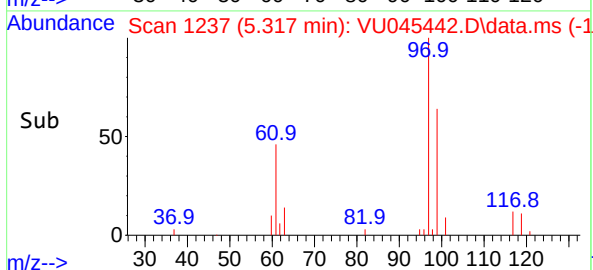
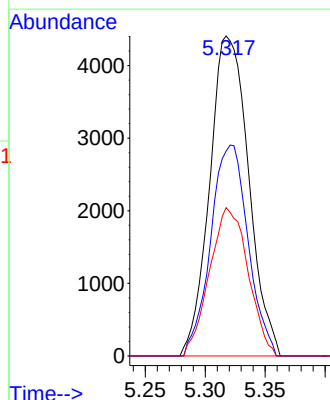
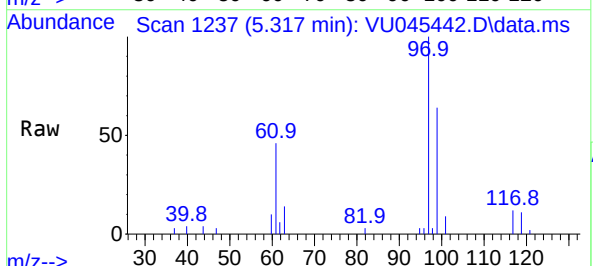
RT: 5.317 min Scan# 1237

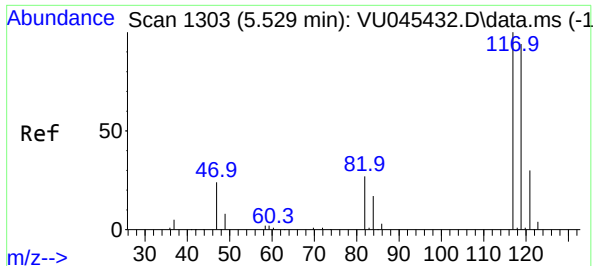
Delta R.T. -0.003 min

Lab File: VU045442.D

Acq: 28 Oct 2021 16:08

Tgt Ion:	97	Resp:	9956
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	45.9	38.8	58.2





#31
Carbon tetrachloride
Concen: 2.534 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

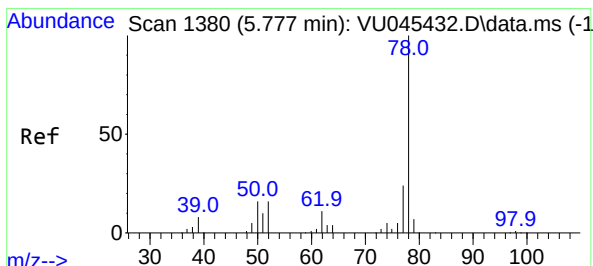
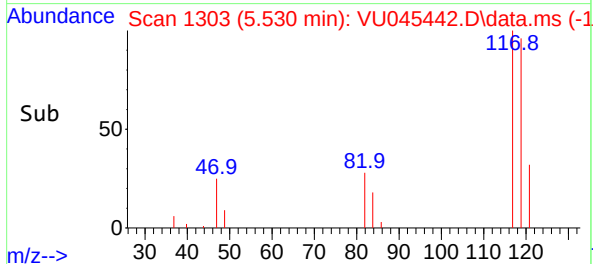
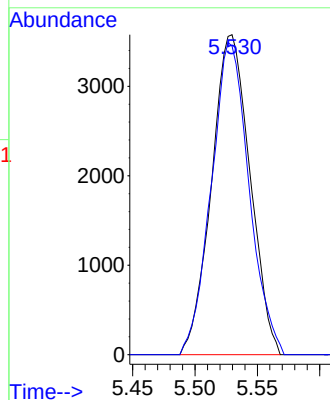
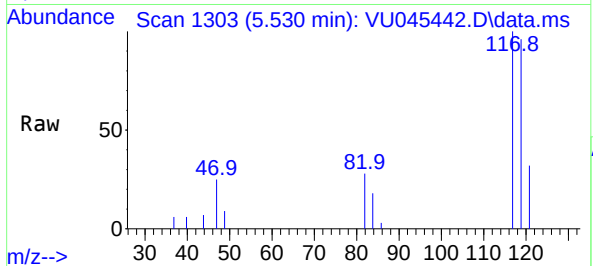
Tgt Ion: 117 Resp: 7679
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
APPROVED

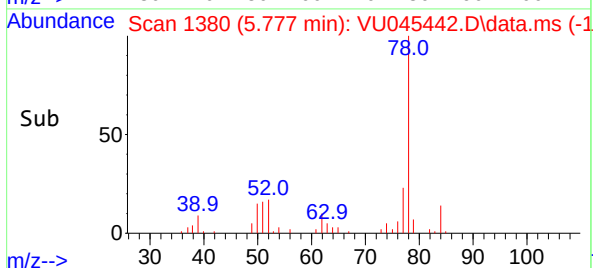
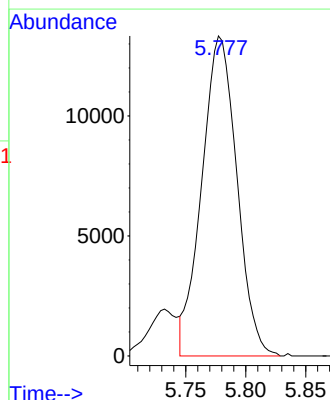
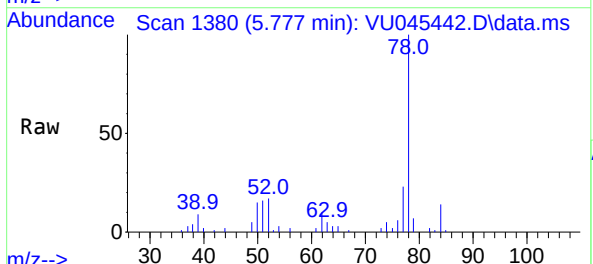
SAM

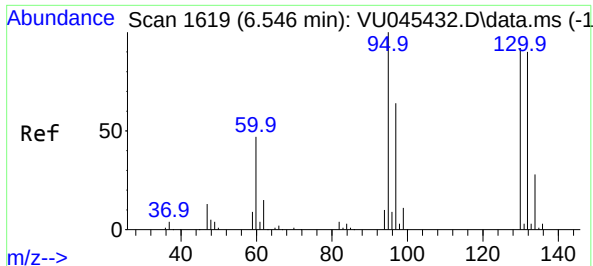
11/2/2021 5:49:48 PM



#33
Benzene
Concen: 2.591 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 78 Resp: 27125





#34
Trichloroethene
Concen: 2.456 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 95 Resp: 6173

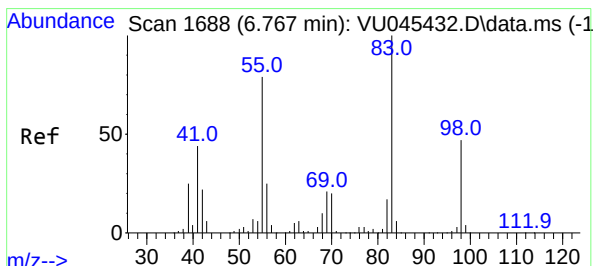
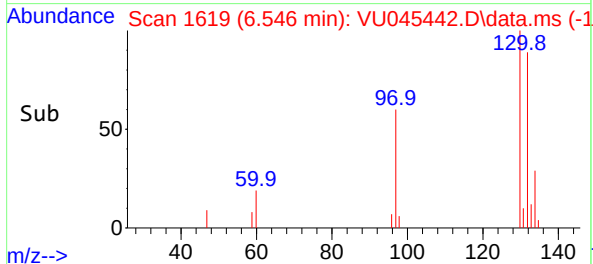
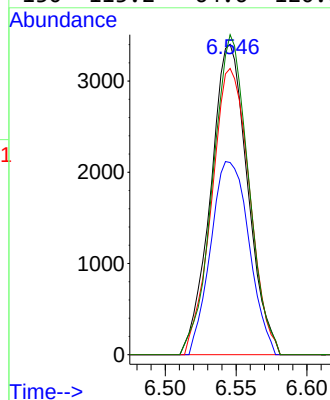
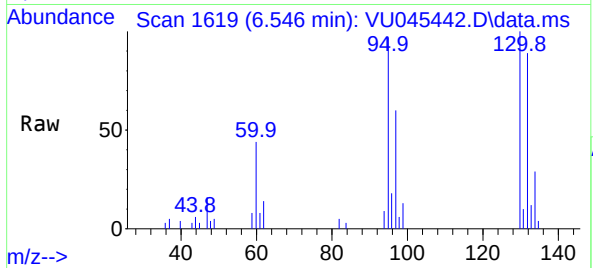
Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.0	83.6
132	92.2	63.3	117.7
130	113.2	64.6	120.0

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
APPROVED

SAM

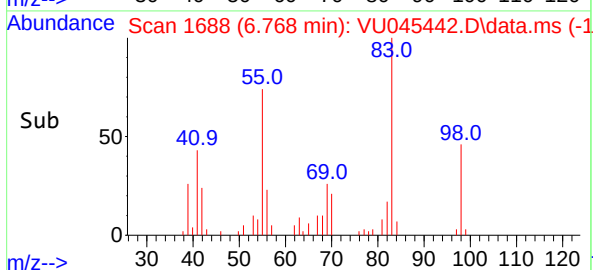
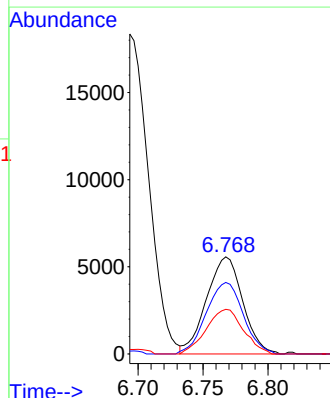
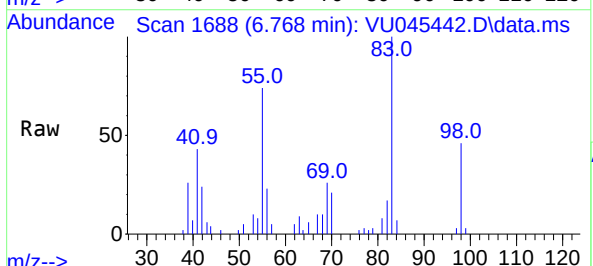
11/2/2021 5:49:48 PM

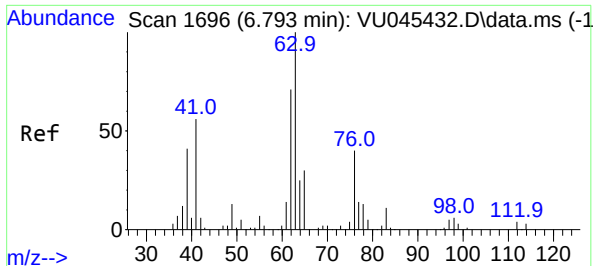


#35
Methylcyclohexane
Concen: 2.472 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 83 Resp: 10793

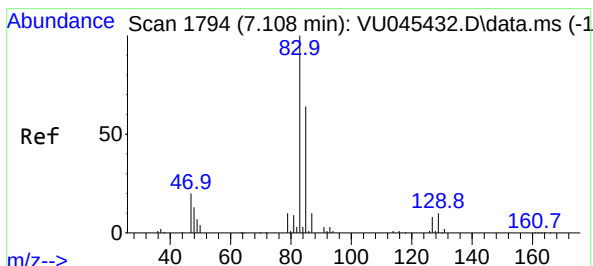
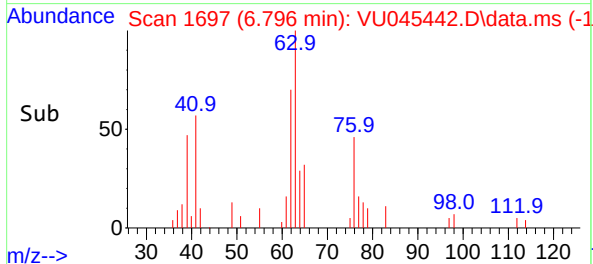
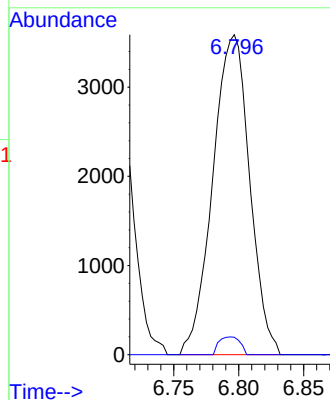
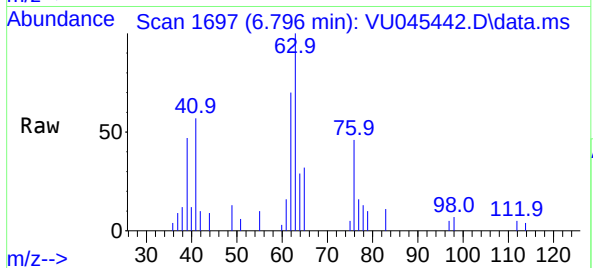
Ion	Ratio	Lower	Upper
83	100		
55	75.2	62.8	94.2
98	47.2	37.4	56.2





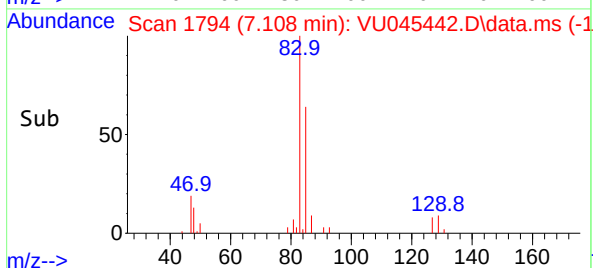
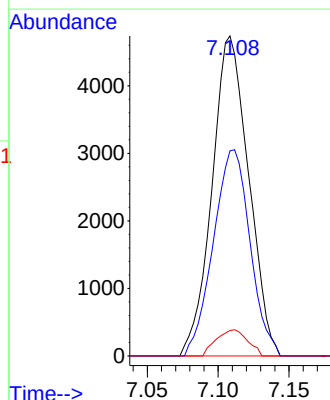
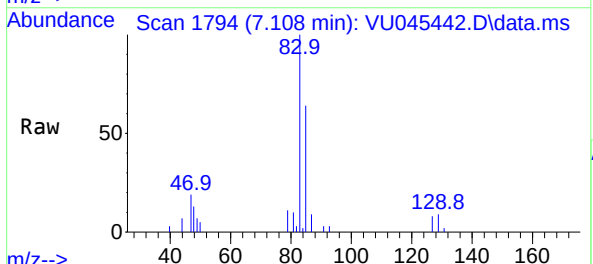
#37
1,2-Dichloropropane
Concen: 2.550 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 63 Resp: 7087
Ion Ratio Lower Upper
63 100
112 3.2 3.4 5.2#



#38
Bromodichloromethane
Concen: 2.438 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 83 Resp: 8520
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9
127 8.0 6.2 9.2

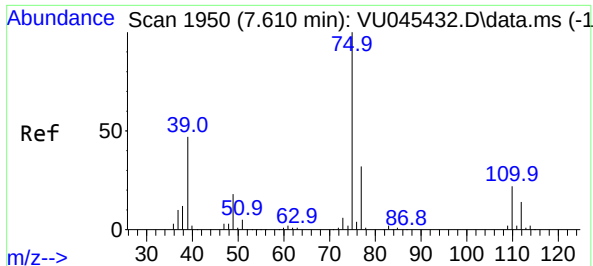


Instrument :
MSVOA_U
ClientSampleId :
MDL01

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#39

cis-1,3-Dichloropropene
Concen: 2.370 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

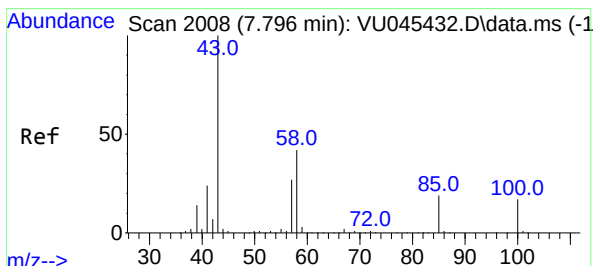
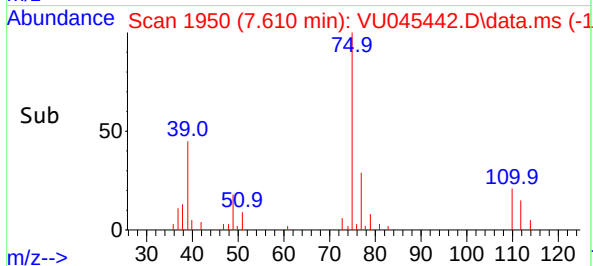
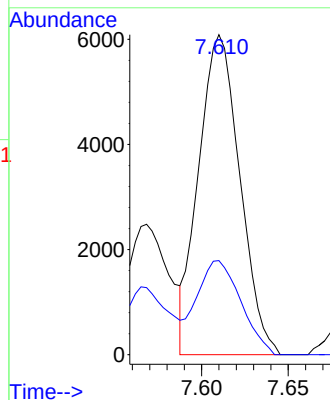
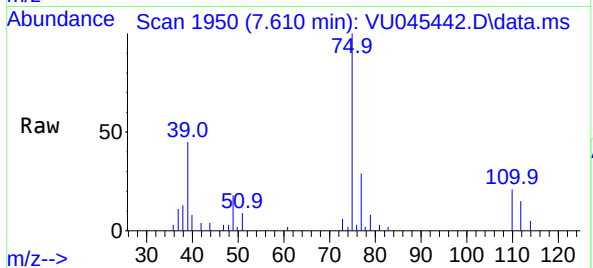
Tgt Ion: 75 Resp: 10078
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.1

Instrument :
MSVOA_U
ClientSampled :
MDL01

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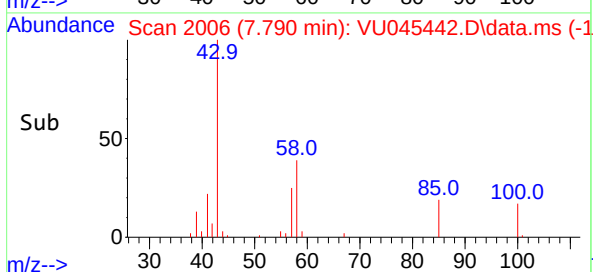
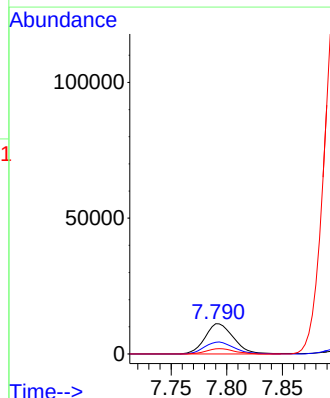
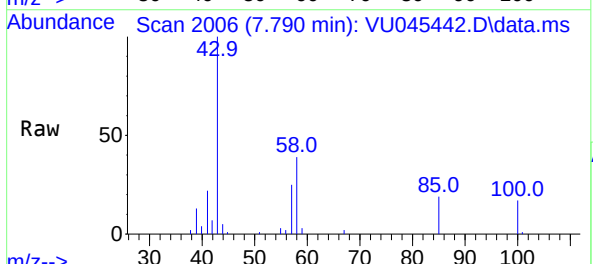
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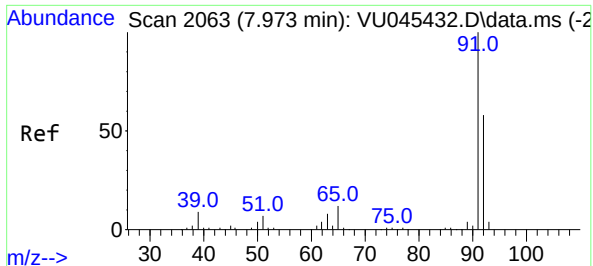


#40

4-Methyl-2-pentanone
Concen: 4.839 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. -0.006 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 43 Resp: 19851
Ion Ratio Lower Upper
43 100
58 40.8 33.9 50.9
100 17.1 13.3 19.9





#42
Toluene
Concen: 3.144 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

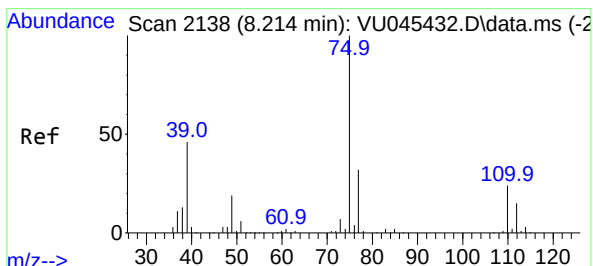
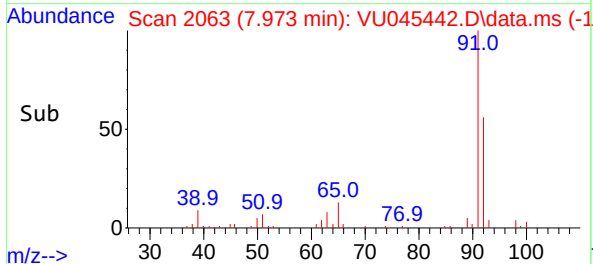
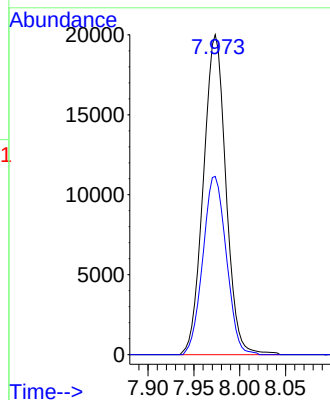
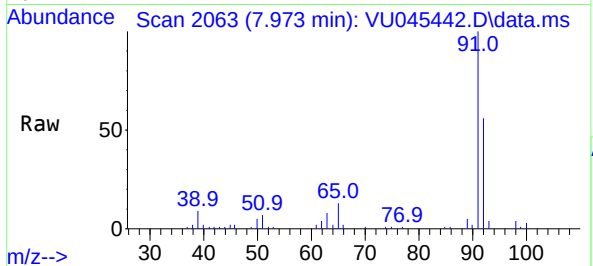
Tgt Ion: 91 Resp: 34251
Ion Ratio Lower Upper
91 100
92 55.7 40.7 75.7

Instrument :
MSVOA_U
ClientSampled :
MDL01

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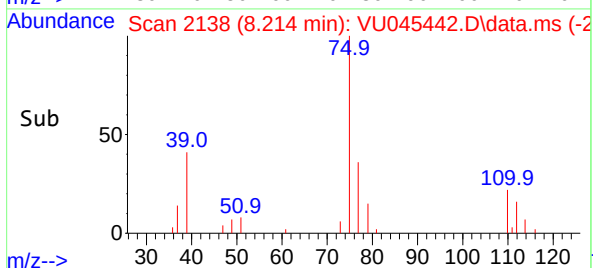
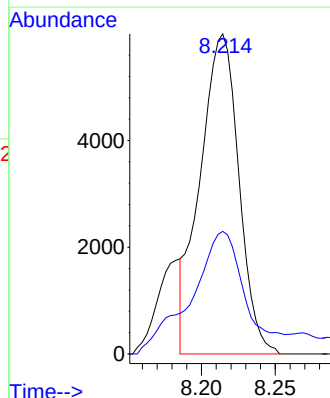
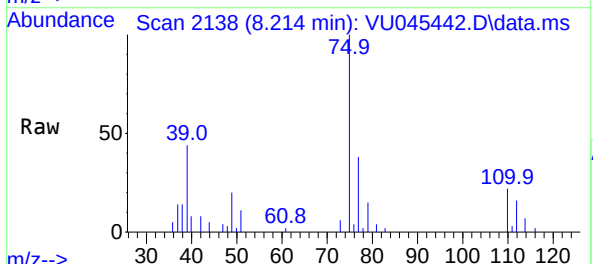
SAM

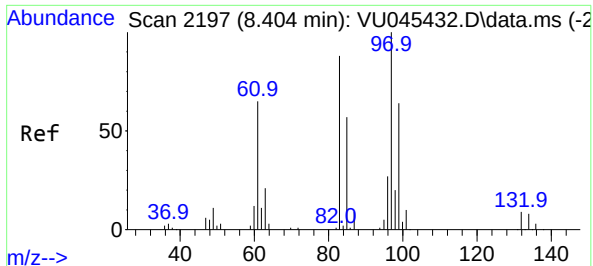
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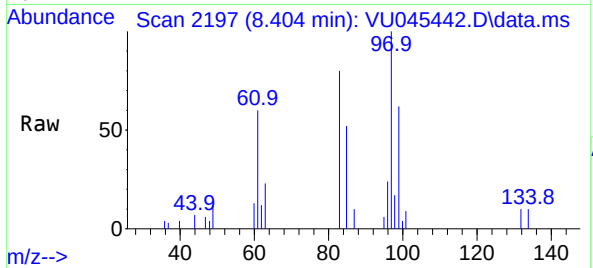
#44
trans-1,3-Dichloropropene
Concen: 2.735 ug/L m
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
77 38.3 22.7 42.1



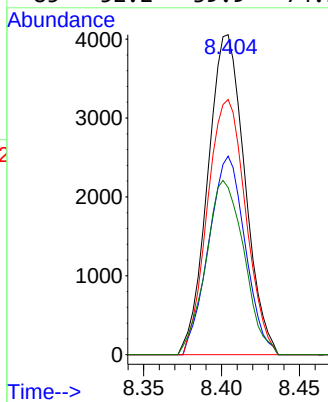
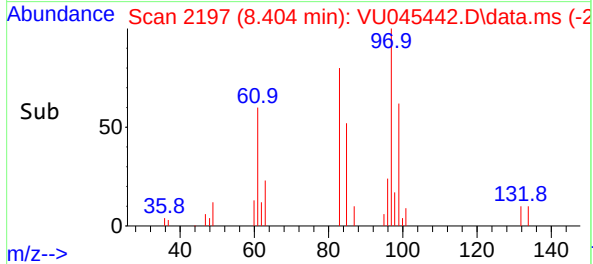


#45
1,1,2-Trichloroethane
Concen: 2.598 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08



Tgt Ion: 97 Resp: 6705

Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.7	82.9
83	79.7	61.5	114.1
85	52.2	39.9	74.1

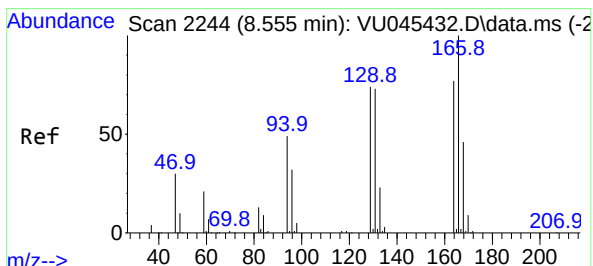


Instrument :
MSVOA_U
ClientSampled :
MDL01

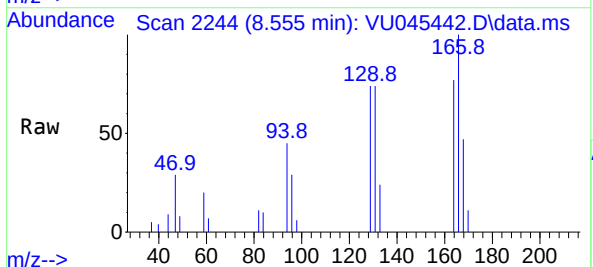
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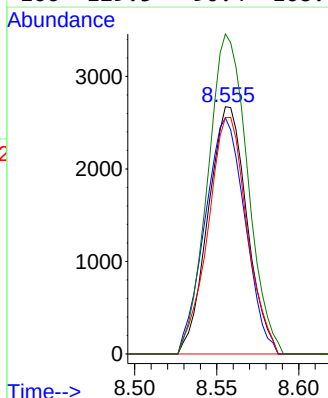
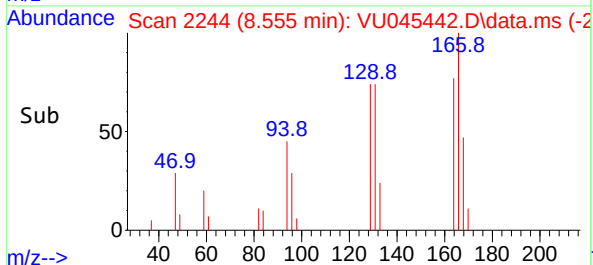


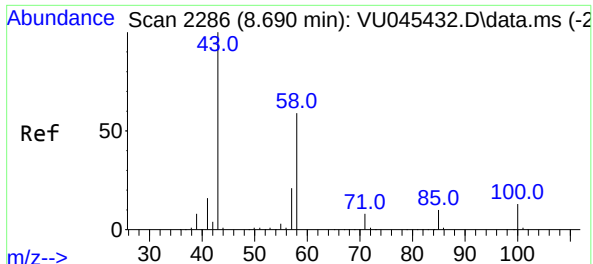
#46
Tetrachloroethene
Concen: 2.460 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08



Tgt Ion: 164 Resp: 4386

Ion	Ratio	Lower	Upper
164	100		
129	95.5	66.8	124.2
131	95.6	65.6	121.8
166	129.5	90.4	168.0





#48
2-Hexanone
Concen: 5.736 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

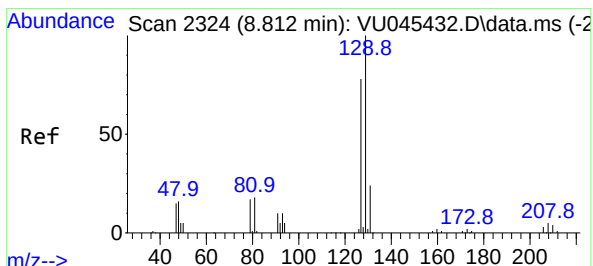
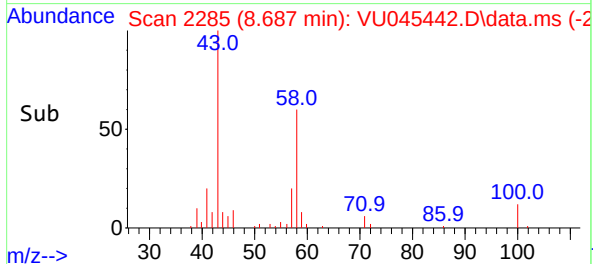
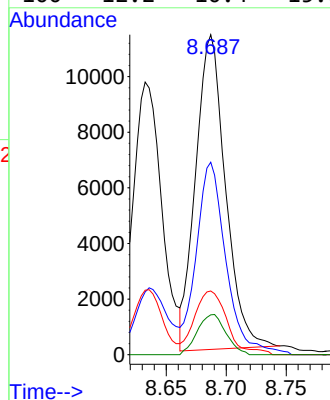
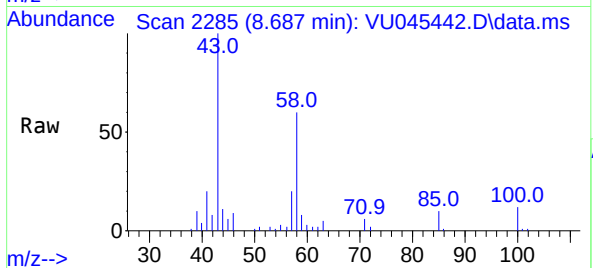
Tgt	Ion: 43	Resp:	19598
Ion	Ratio	Lower	Upper
43	100		
58	60.8	47.0	70.4
57	22.2	16.3	24.5
100	12.2	10.4	15.6

Instrument :
MSVOA_U
ClientSampled :
MDL01

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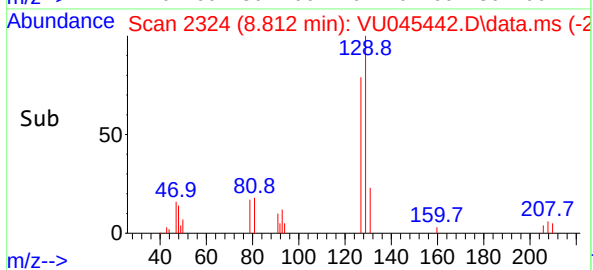
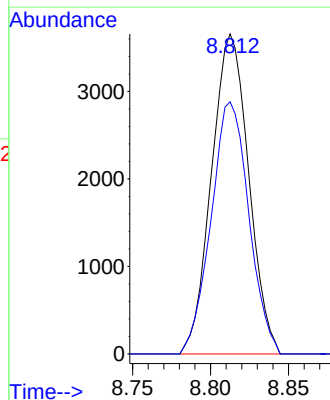
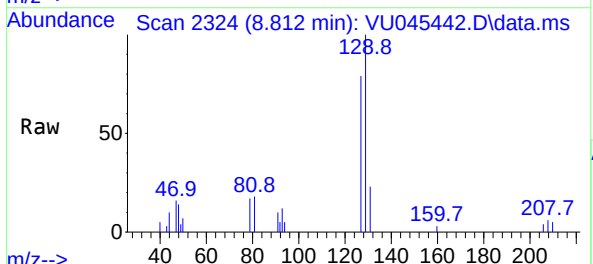
SAM

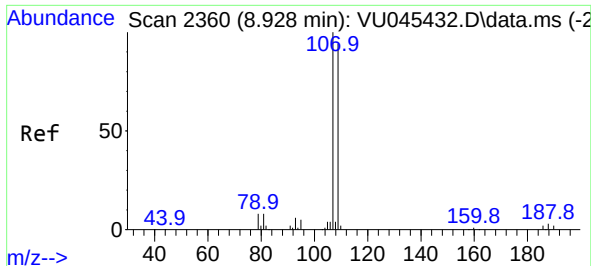
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#49
Dibromochloromethane
Concen: 2.438 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

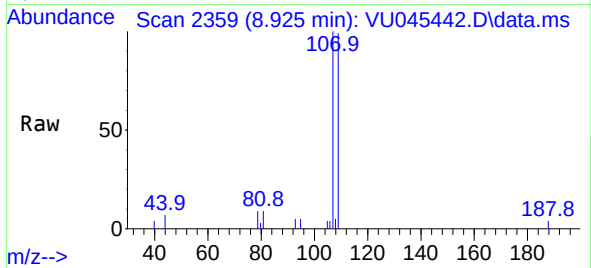
Tgt Ion:129	Resp: 6064		
Ion Ratio	Lower	Upper	
129 100			
127 78.8	54.9	101.9	





#50
1,2-Dibromoethane
Concen: 2.557 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Instrument :
MSVOA_U
ClientSampled :
MDL01

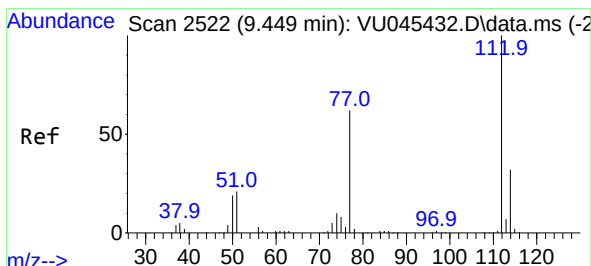
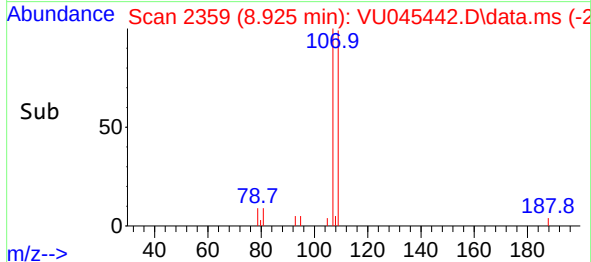
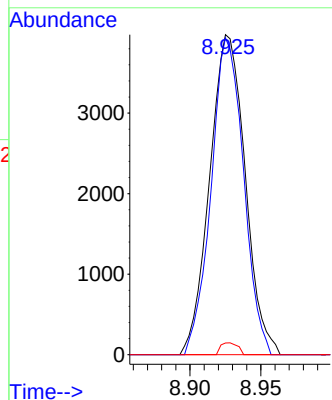


Tgt Ion:	107	Resp:	6927
Ion	Ratio	Lower	Upper
107	100		
109	99.0	66.1	122.8
188	3.7	2.8	4.2

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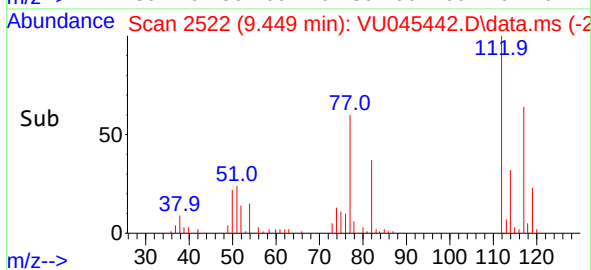
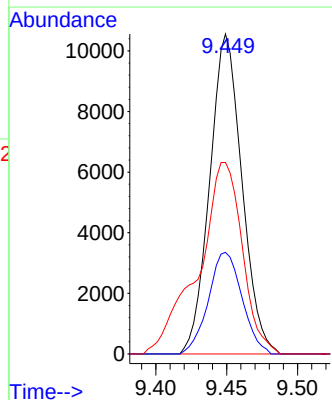
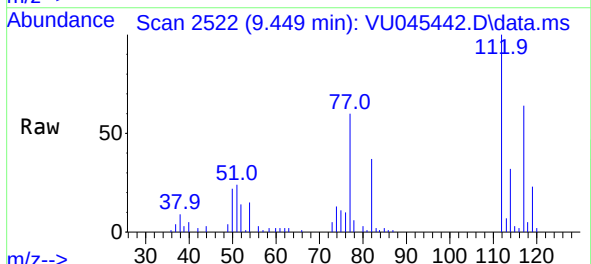
SAM

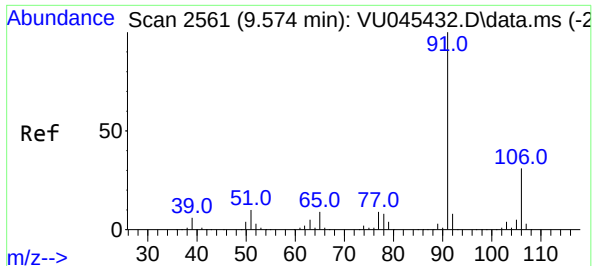
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#51
Chlorobenzene
Concen: 2.533 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion:	112	Resp:	16674
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	59.8	49.8	74.6





#52

Ethylbenzene

Concen: 2.460 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU045442.D

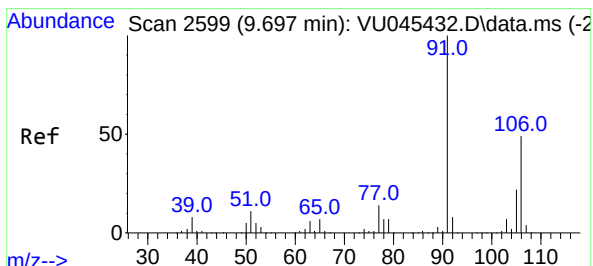
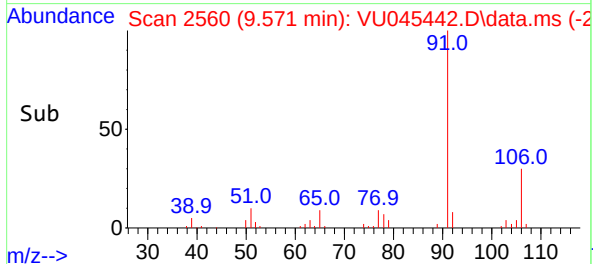
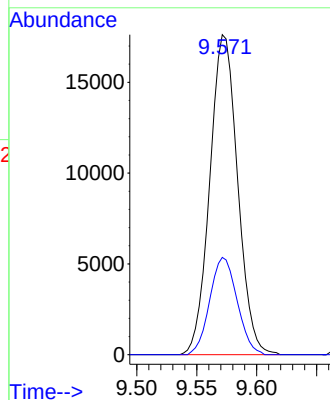
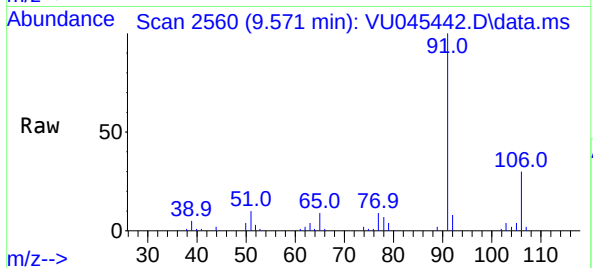
Acq: 28 Oct 2021 16:08

Tgt Ion: 91 Resp: 28431

Ion Ratio Lower Upper

91 100

106 30.4 21.7 40.3



#53

m,p-Xylene

Concen: 2.478 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045442.D

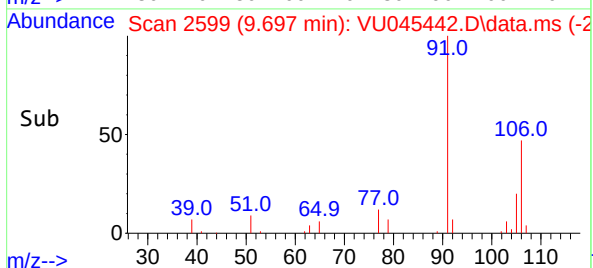
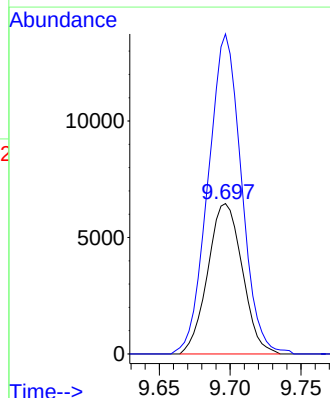
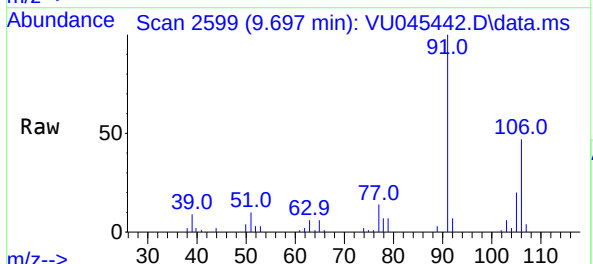
Acq: 28 Oct 2021 16:08

Tgt Ion: 106 Resp: 10959

Ion Ratio Lower Upper

106 100

91 212.8 142.2 264.2



Instrument :

MSVOA_U

ClientSampled :

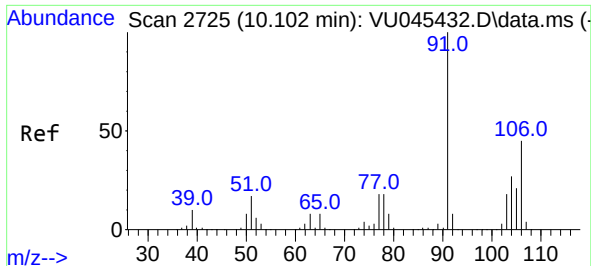
MDL01

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#54
o-xylene
Concen: 2.346 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

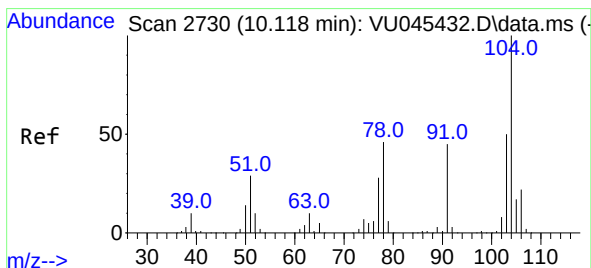
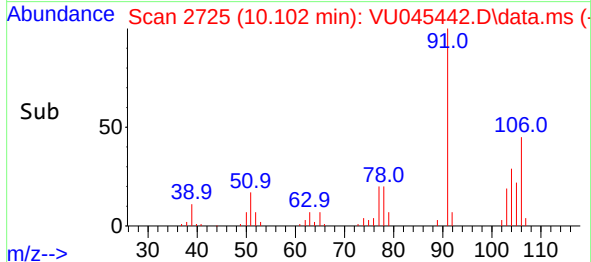
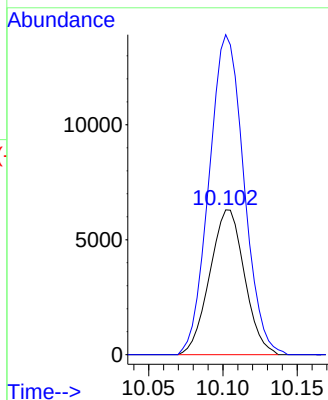
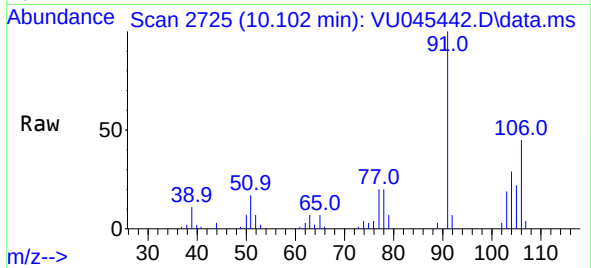
Tgt Ion:106 Resp: 10277
Ion Ratio Lower Upper
106 100
91 202.3 155.2 288.2

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
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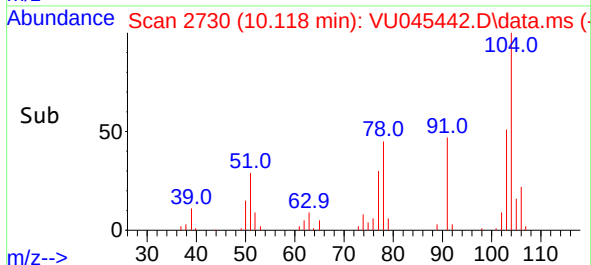
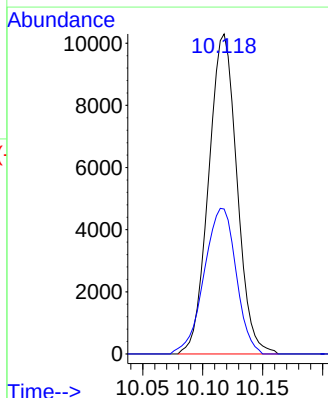
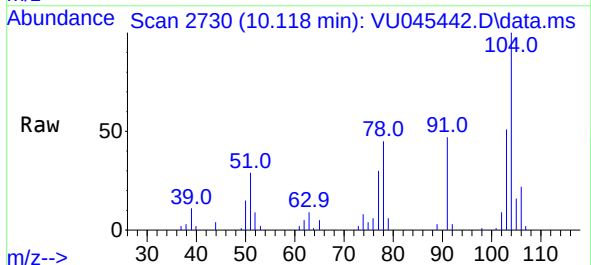
SAM

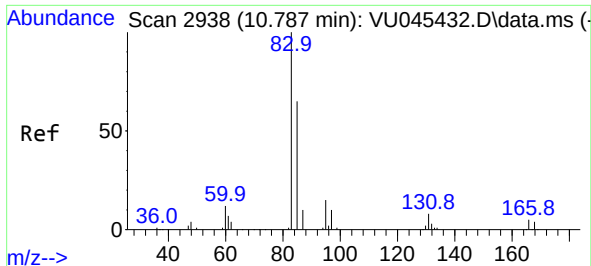
11/2/2021 5:49:48 PM



#55
Styrene
Concen: 2.301 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion:104 Resp: 16933
Ion Ratio Lower Upper
104 100
78 45.3 32.6 60.6





#57
1,1,2,2-Tetrachloroethane
Concen: 2.685 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

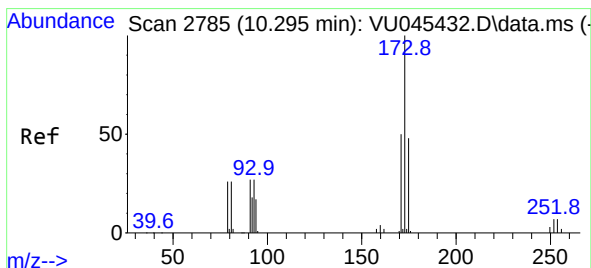
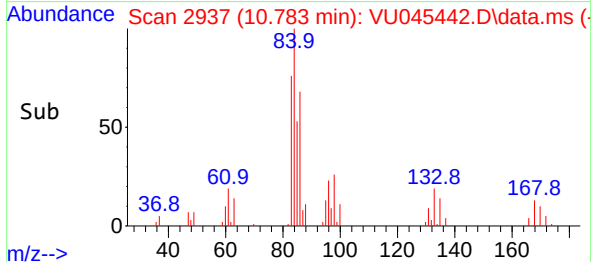
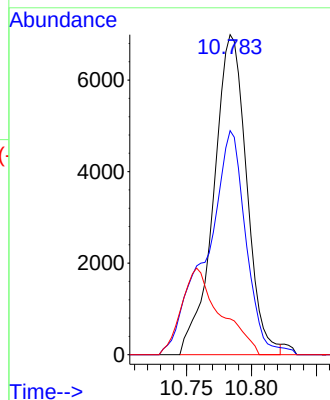
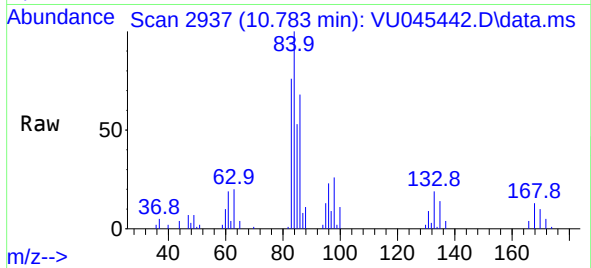
Tgt Ion:	83	Resp:	12310
Ion Ratio	Lower	Upper	
83	100		
85	70.0	46.0	85.4
131	11.2	7.0	10.4#

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
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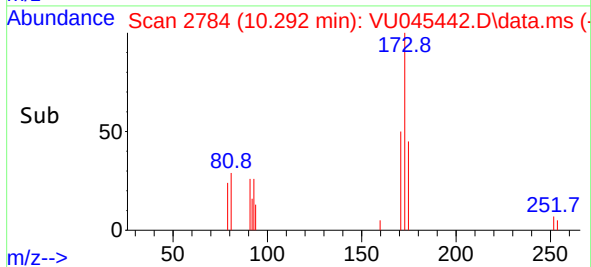
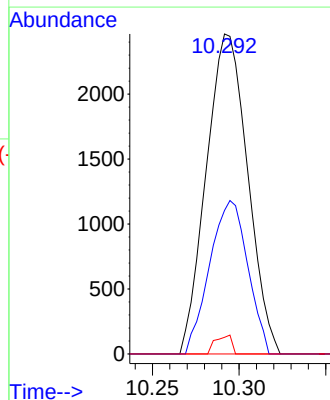
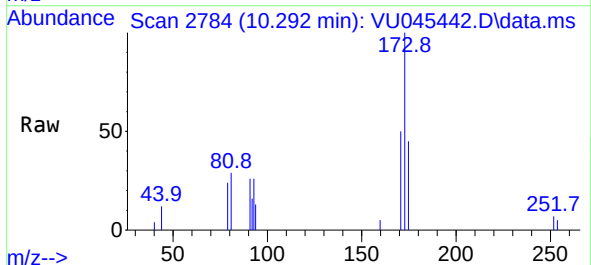
SAM

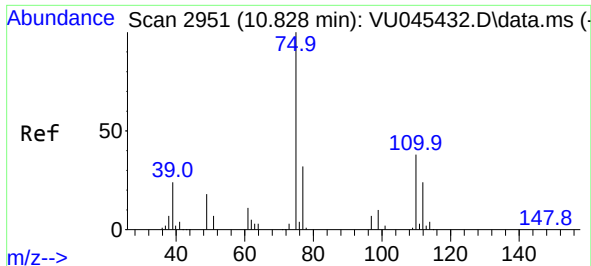
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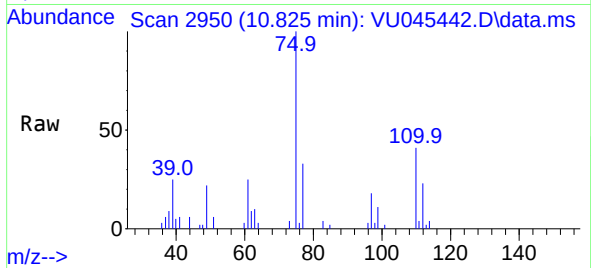
#59
Bromoform
Concen: 2.456 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion:	173	Resp:	4091
Ion Ratio	Lower	Upper	
173	100		
175	44.0	38.7	58.1
254	2.3	5.8	8.8#



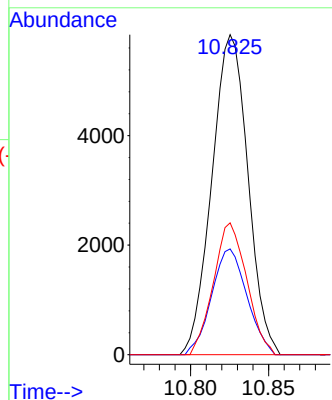


#60
1,2,3-Trichloropropane
Concen: 2.640 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08



Tgt Ion: 75 Resp: 9391

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.9	38.9
110	38.1	29.8	44.8

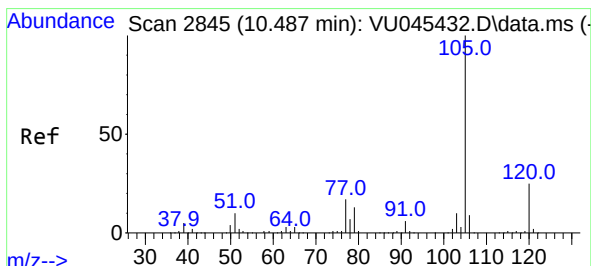
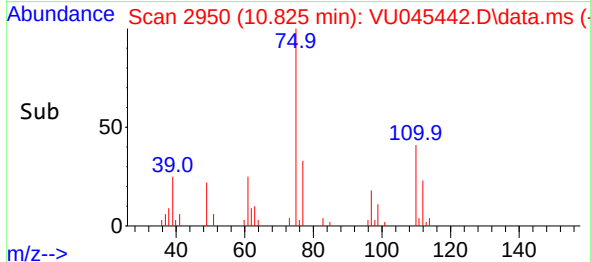


Instrument :
MSVOA_U
ClientSampled :
MDL01

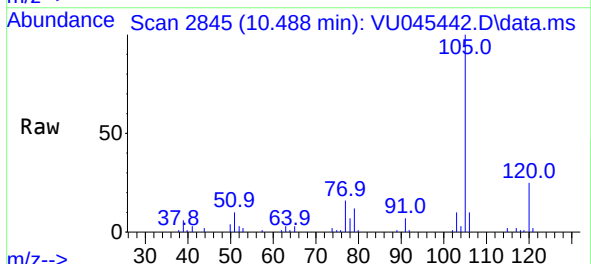
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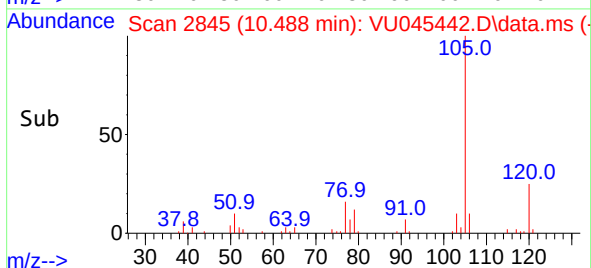
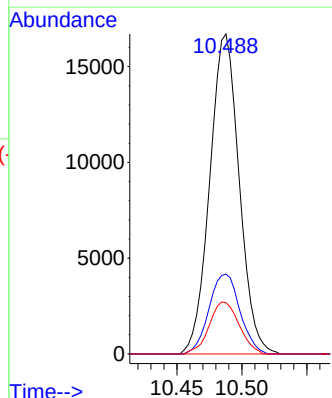


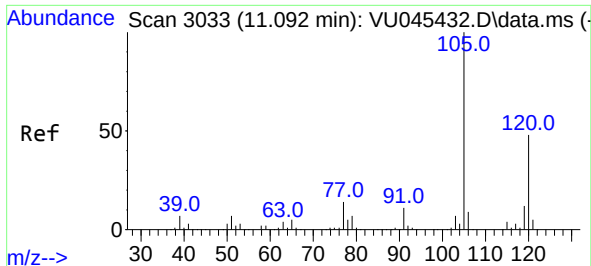
#61
Isopropylbenzene
Concen: 2.463 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08



Tgt Ion: 105 Resp: 26296

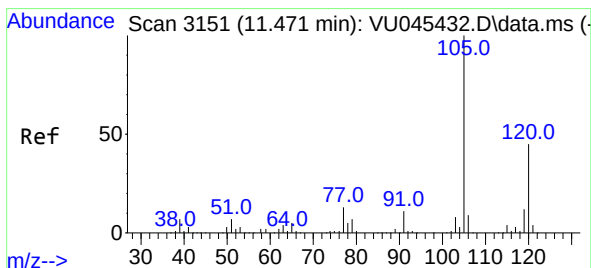
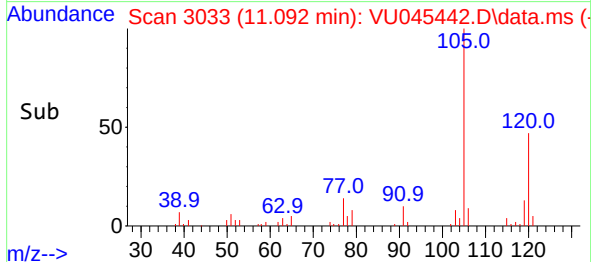
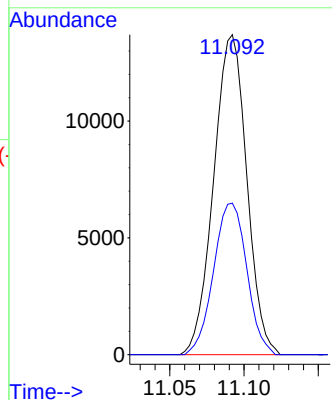
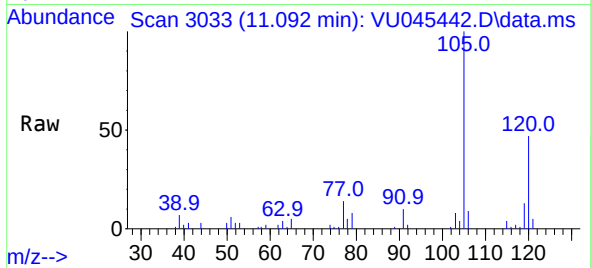
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.4	30.6
77	16.6	13.3	19.9





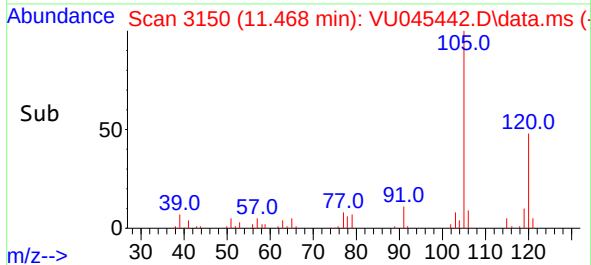
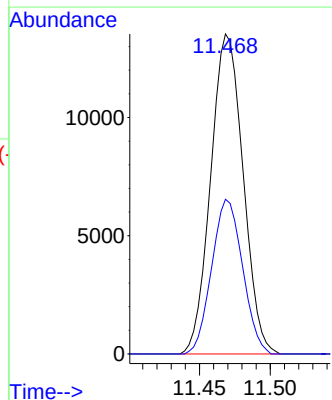
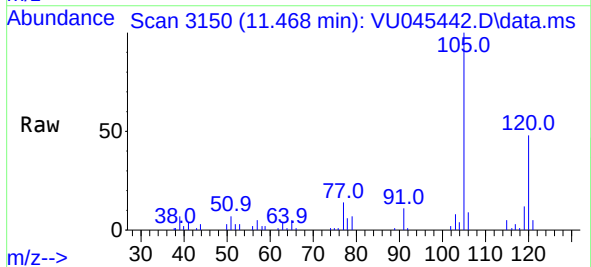
#62
1,3,5-Trimethylbenzene
Concen: 2.337 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion:105 Resp: 21253
Ion Ratio Lower Upper
105 100
120 47.5 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 2.332 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion:105 Resp: 21555
Ion Ratio Lower Upper
105 100
120 46.0 35.6 53.4

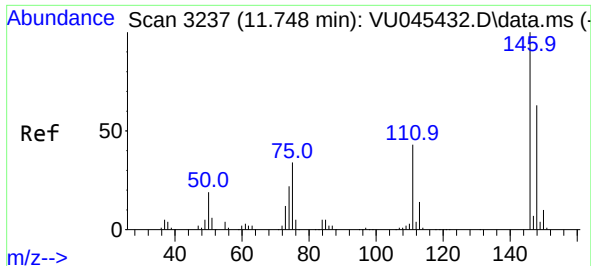


Instrument :
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ClientSampled :
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#64
1,3-Dichlorobenzene
Concen: 2.592 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

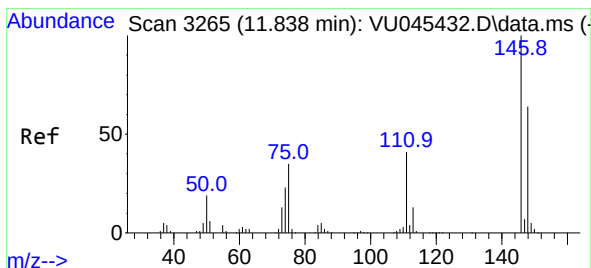
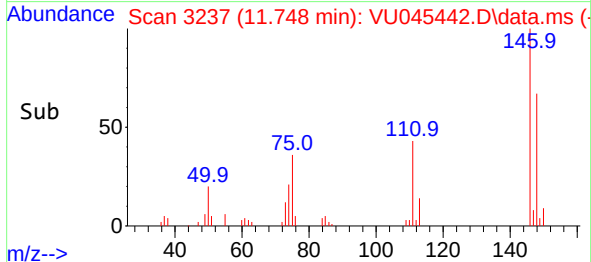
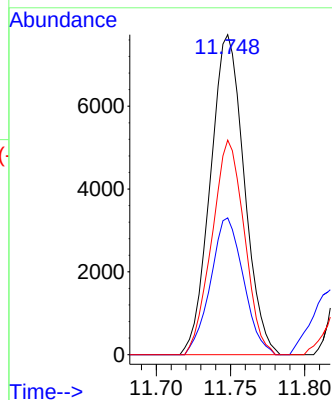
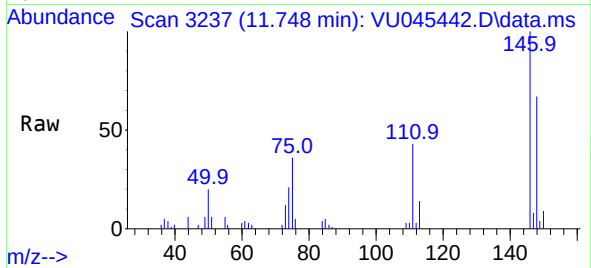
Tgt Ion:146 Resp: 12241
Ion Ratio Lower Upper
146 100
111 42.7 29.8 55.4
148 71.2 44.1 81.9

Instrument :
MSVOA_U
ClientSampled :
MDL01

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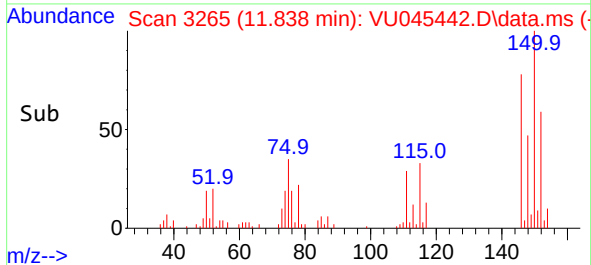
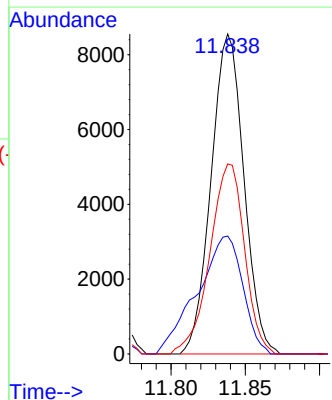
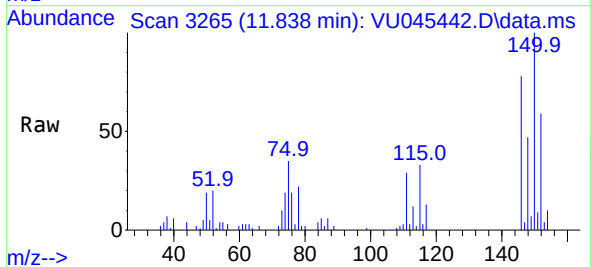
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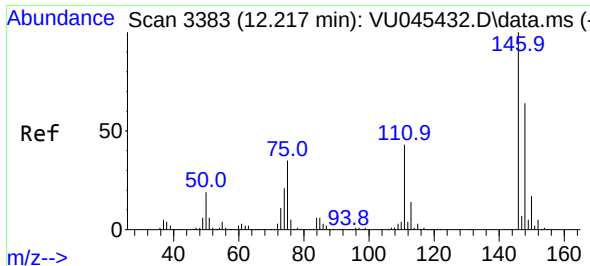
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#65
1,4-Dichlorobenzene
Concen: 2.752 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Tgt Ion:146 Resp: 13148
Ion Ratio Lower Upper
146 100
111 36.9 28.6 53.0
148 59.4 44.5 82.7





#67
1,2-Dichlorobenzene
Concen: 2.666 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

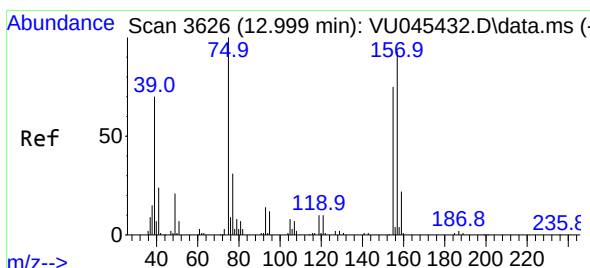
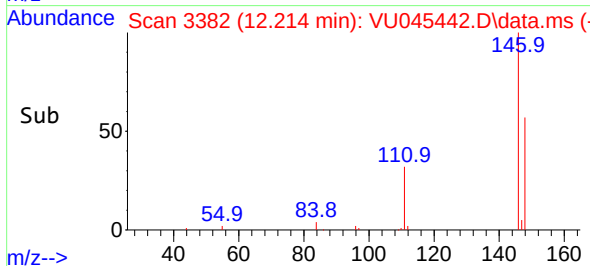
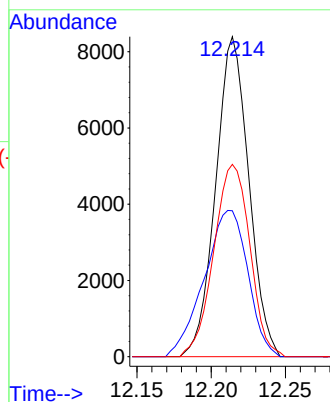
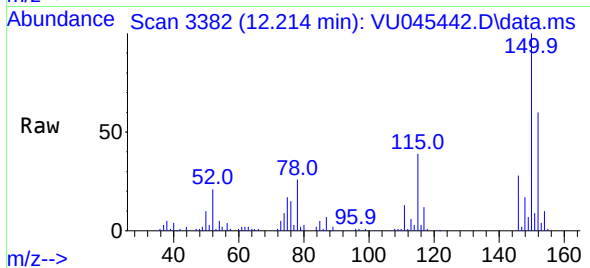
Tgt Ion: 146 Resp: 13027
Ion Ratio Lower Upper
146 100
111 45.6 34.6 52.0
148 60.1 51.2 76.8

Instrument :
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ClientSampled :
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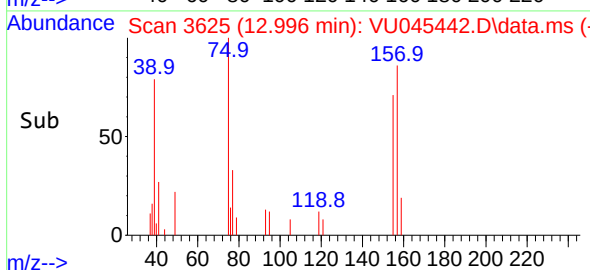
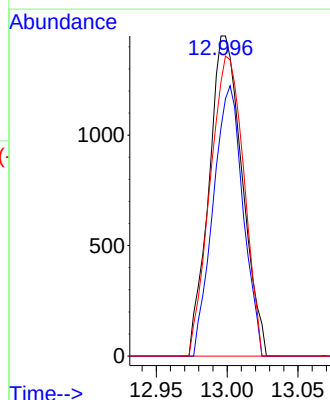
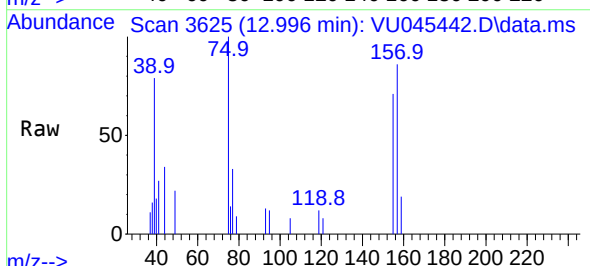
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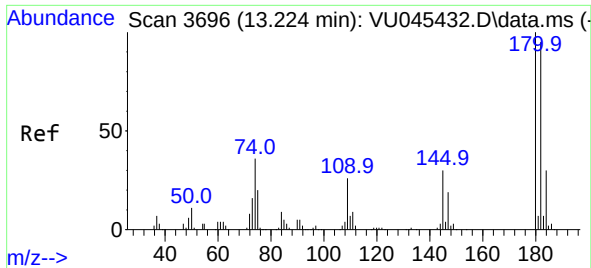
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.271 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

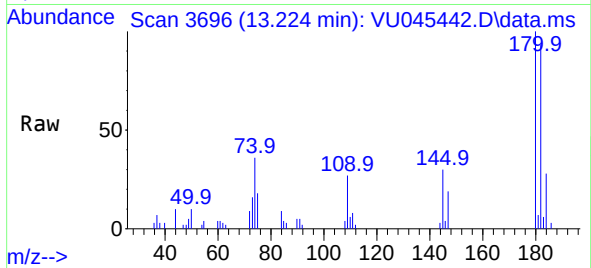
Tgt Ion: 75 Resp: 2359
Ion Ratio Lower Upper
75 100
155 71.3 60.0 90.0
157 85.7 77.9 116.9





#69
1,3,5-Trichlorobenzene
Concen: 2.520 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

Instrument :
MSVOA_U
ClientSampled :
MDL01

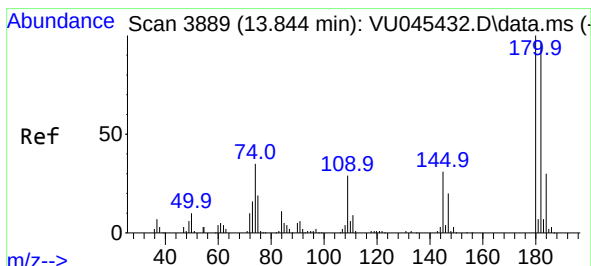
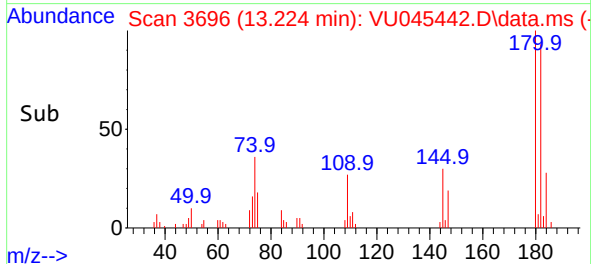
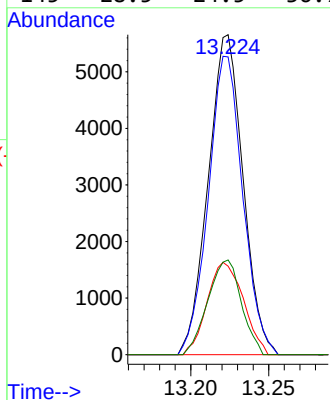


Tgt Ion:180 Resp: 8777
Ion Ratio Lower Upper
180 100
182 92.3 76.6 114.8
184 30.0 23.9 35.9
145 28.5 24.5 36.7

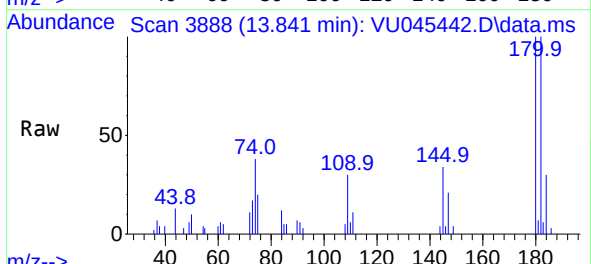
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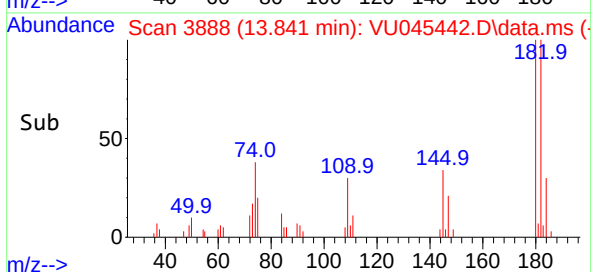
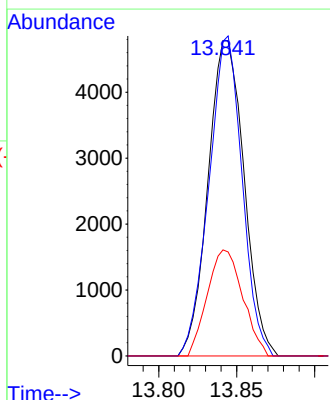
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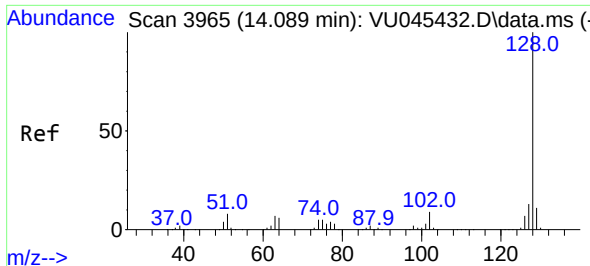


#70
1,2,4-trichlorobenzene
Concen: 2.409 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08

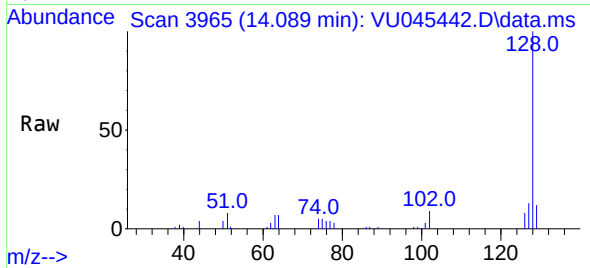


Tgt Ion:180 Resp: 7667
Ion Ratio Lower Upper
180 100
182 93.4 76.1 114.1
145 33.1 25.3 37.9

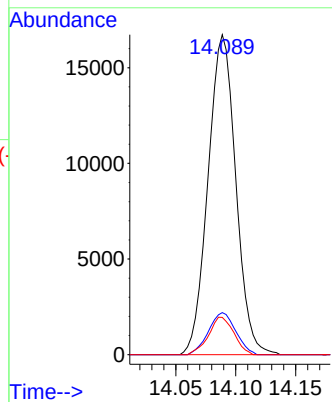
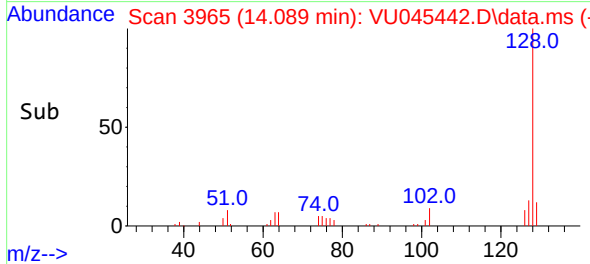




#71
Naphthalene
Concen: 2.221 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08



Tgt Ion:128 Resp: 26928
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0

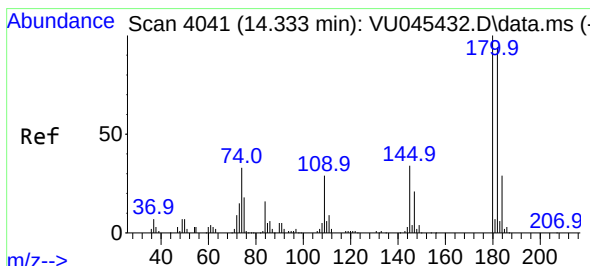


Instrument :
MSVOA_U
ClientSampleId :
MDL01

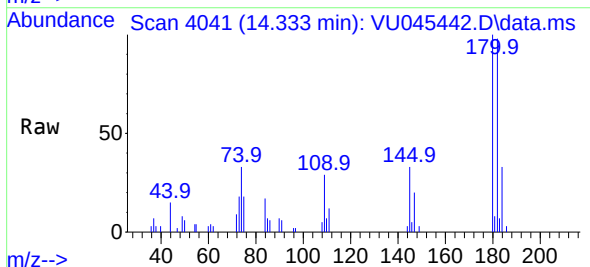
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#72
1,2,3-Trichlorobenzene
Concen: 2.547 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045442.D
Acq: 28 Oct 2021 16:08



Tgt Ion:180 Resp: 8295
Ion Ratio Lower Upper
180 100
182 93.1 75.7 113.5
145 31.3 27.0 40.4

