

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045431.D
 Acq On : 28 Oct 2021 10:54
 Operator : SY/MD
 Sample : VSTD01026
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010026

Quant Time: Oct 29 02:50:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	312752	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	292586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	140799	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26256	16.289	ug/L	0.00
7) Chloroethane-d5	1.916	69	20387	14.167	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	45903	14.759	ug/L	0.00
21) 2-Butanone-d5	4.636	46	41373	20.146	ug/L	0.00
24) Chloroform-d	5.067	84	46775	12.199	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	31215	12.017	ug/L	0.00
32) Benzene-d6	5.732	84	94389	15.136	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	30300	13.106	ug/L	0.00
41) Toluene-d8	7.902	98	80547	14.993	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	13511	11.716	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	29547	21.219	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44984	10.768	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	29413	11.552	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	27654	11.500	ug/L	98
3) Chloromethane	1.520	50	36611	13.360	ug/L	96
5) Vinyl chloride	1.607	62	31256	10.618	ug/L	98
6) Bromomethane	1.861	94	16123	10.394	ug/L	99
8) Chloroethane	1.935	64	18433	10.259	ug/L	96
9) Trichlorofluoromethane	2.137	101	36611	10.272	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	22715	10.159	ug/L	100
12) 1,1-Dichloroethene	2.581	96	21276	10.246	ug/L	94
13) Acetone	2.645	43	33554	14.947	ug/L	100
14) Carbon disulfide	2.797	76	59443	10.334	ug/L	100
15) Methyl Acetate	2.954	43	29389	9.903	ug/L	99
16) Methylene chloride	3.051	84	26668	10.044	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	22724	10.194	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	79300	10.232	ug/L	100
19) 1,1-Dichloroethane	3.874	63	45722	10.079	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	25414	9.985	ug/L	99
22) 2-Butanone	4.716	43	46899	18.285	ug/L	98
23) Bromochloromethane	4.980	128	12584	10.107	ug/L	96
25) Chloroform	5.092	83	45744	9.973	ug/L	97
27) 1,2-Dichloroethane	5.796	62	37782	10.236	ug/L	97
29) Cyclohexane	5.391	56	42582	11.680	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	36516	10.290	ug/L	98
31) Carbon tetrachloride	5.530	117	28840	10.511	ug/L	99
33) Benzene	5.777	78	102215	10.867	ug/L	100
34) Trichloroethene	6.546	95	24207	10.498	ug/L	96
35) Methylcyclohexane	6.767	83	41178	11.115	ug/L	98
37) 1,2-Dichloropropane	6.793	63	27333	10.747	ug/L	100
38) Bromodichloromethane	7.108	83	33421	10.187	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	39822	10.409	ug/L	95
40) 4-Methyl-2-pentanone	7.796	43	76973	19.944	ug/L	98
42) Toluene	7.973	91	105180	10.714	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	37000	10.150	ug/L	97

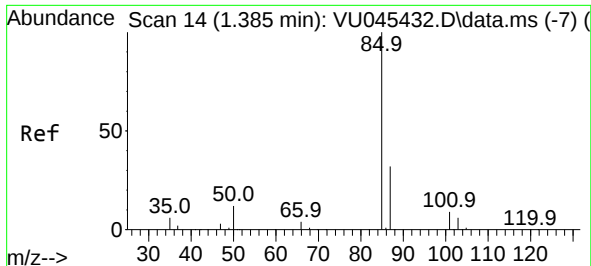
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	25526	10.525	ug/L	98
46) Tetrachloroethene	8.555	164	17329	10.772	ug/L	97
48) 2-Hexanone	8.690	43	63994	19.752	ug/L	99
49) Dibromochloromethane	8.812	129	22752	9.624	ug/L	95
50) 1,2-Dibromoethane	8.928	107	26013	10.353	ug/L	97
51) Chlorobenzene	9.449	112	63734	10.332	ug/L	98
52) Ethylbenzene	9.574	91	108697	10.266	ug/L	98
53) m,p-Xylene	9.697	106	40945	10.138	ug/L	94
54) o-xylene	10.105	106	40602	10.059	ug/L	99
55) Styrene	10.118	104	65898	9.659	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	43981	10.176	ug/L	98
59) Bromoform	10.295	173	15619	9.870	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	36298	10.937	ug/L	99
61) Isopropylbenzene	10.488	105	104402	10.580	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	85129	10.384	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	86986	10.455	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	45872	10.293	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	46752	10.352	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	47519	10.472	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	9907	10.642	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	32354	10.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	29377	11.141	ug/L	98
71) Naphthalene	14.089	128	110604	12.166	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	30240	11.423	ug/L	99

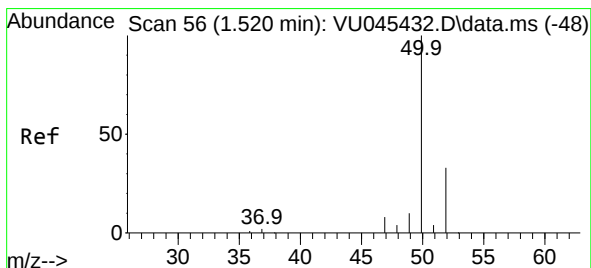
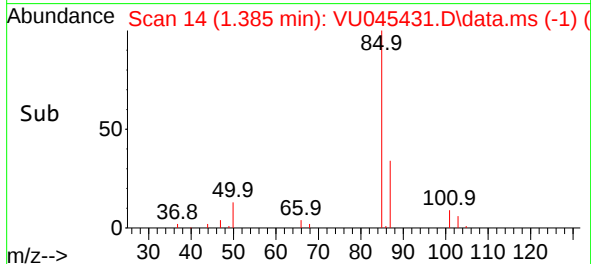
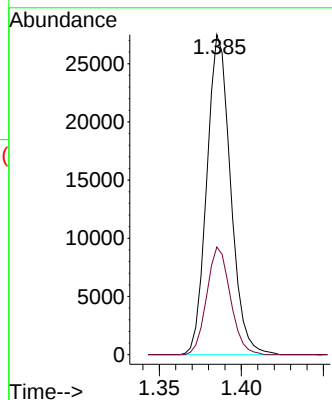
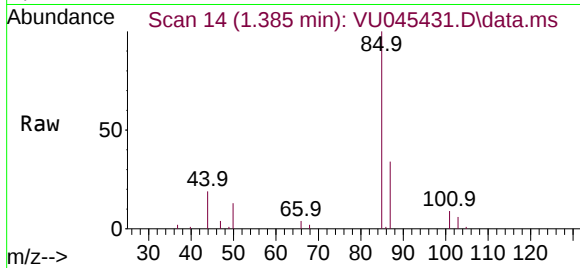
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#2
Dichlorodifluoromethane
Concen: 11.500 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

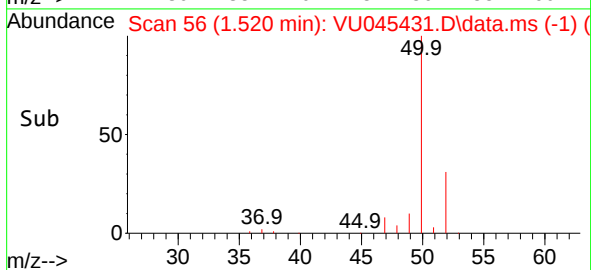
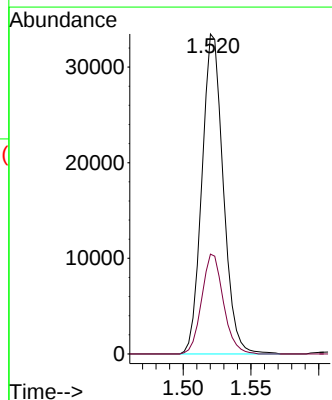
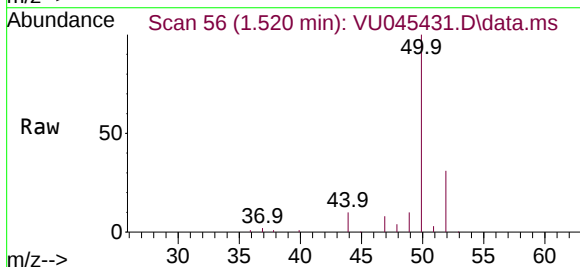
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

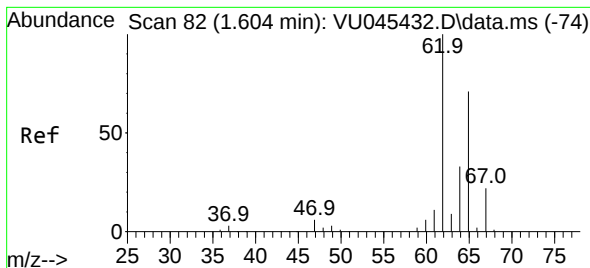
Tgt Ion: 85 Resp: 27654
Ion Ratio Lower Upper
85 100
87 33.3 26.0 39.0



#3
Chloromethane
Concen: 13.360 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 50 Resp: 36611
Ion Ratio Lower Upper
50 100
52 31.2 23.2 43.2





#5

Vinyl chloride

Concen: 10.618 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.003 min

Lab File: VU045431.D

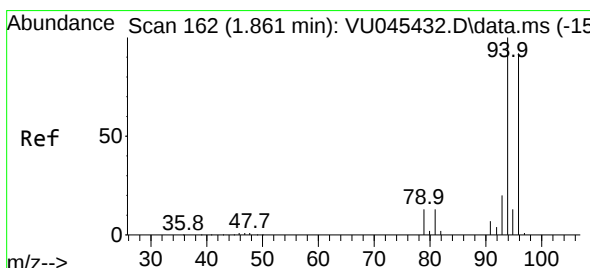
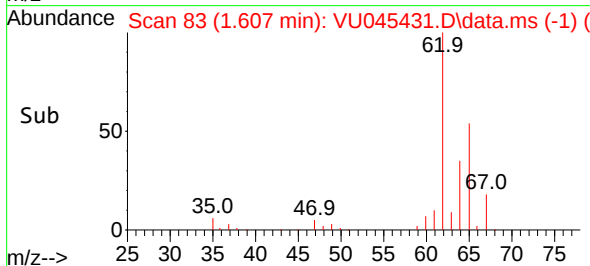
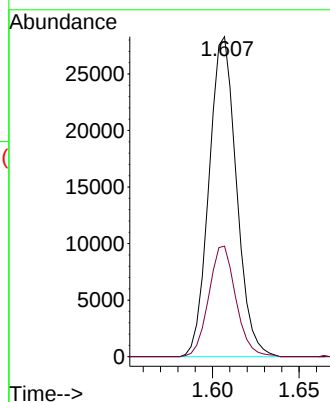
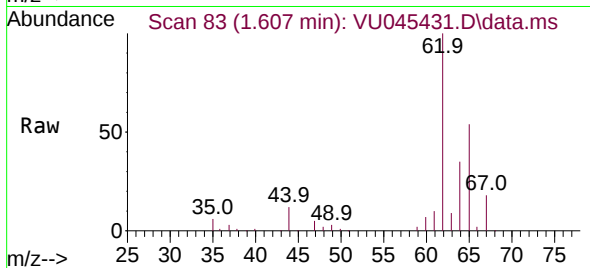
Acq: 28 Oct 2021 10:54

Tgt Ion: 62 Resp: 31256

Ion Ratio Lower Upper

62 100

64 34.5 23.3 43.3



#6

Bromomethane

Concen: 10.394 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU045431.D

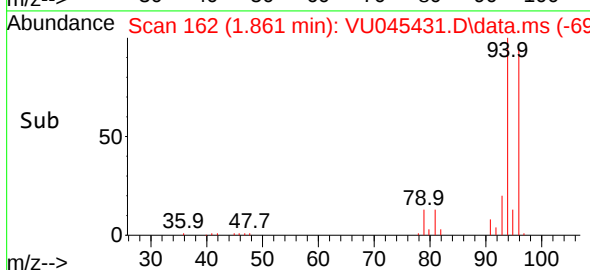
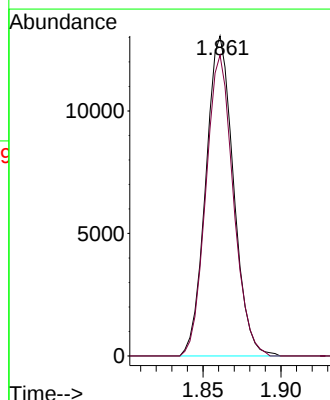
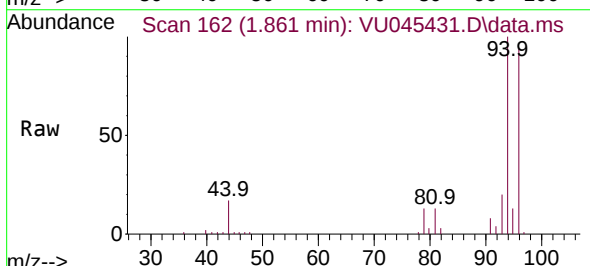
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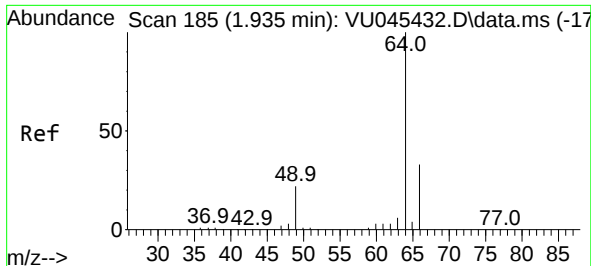
Tgt Ion: 94 Resp: 16123

Ion Ratio Lower Upper

94 100

96 94.0 64.9 120.5

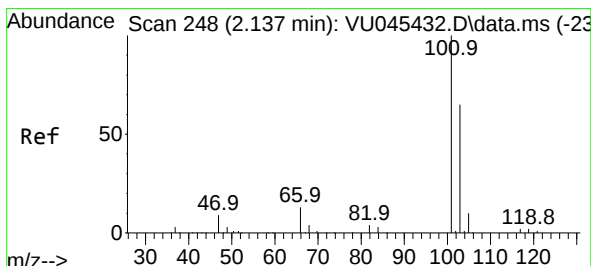
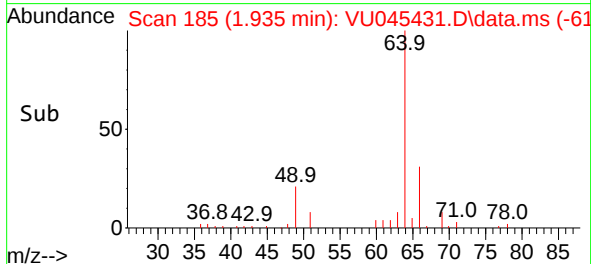
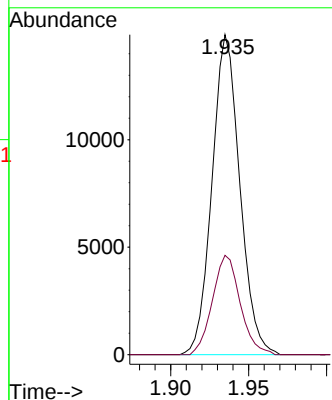
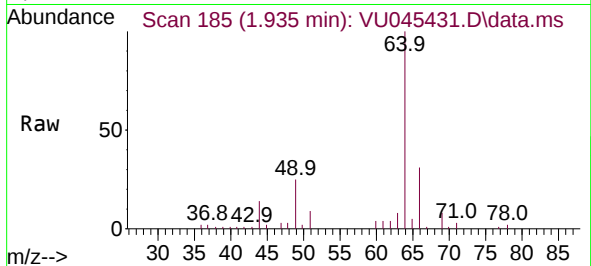




#8
Chloroethane
Concen: 10.259 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

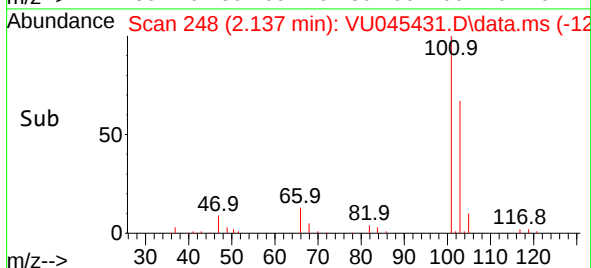
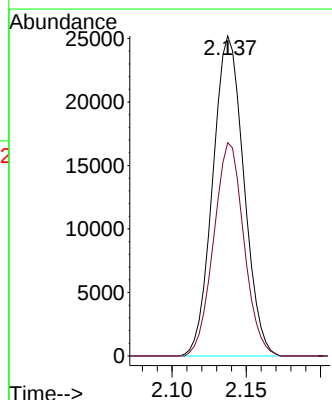
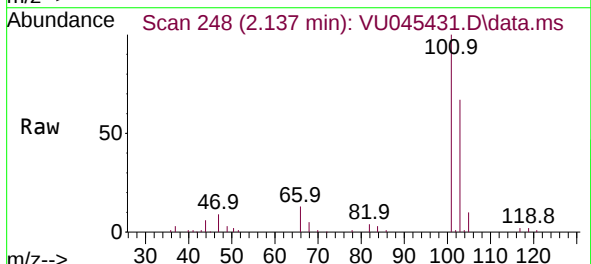
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

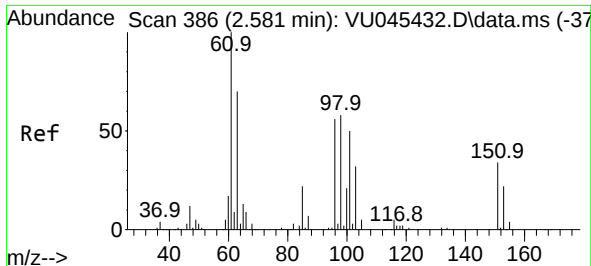
Tgt Ion: 64 Resp: 18433
Ion Ratio Lower Upper
64 100
66 31.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 10.272 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:101 Resp: 36611
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

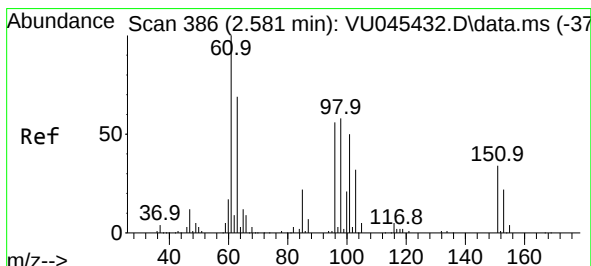
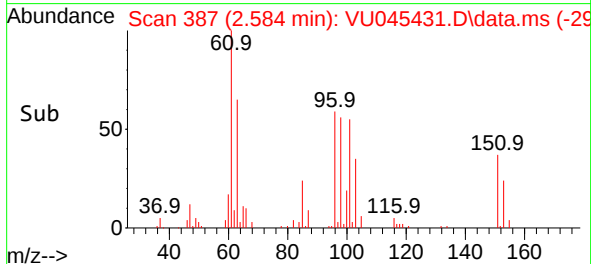
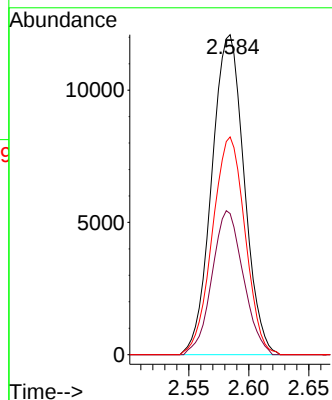
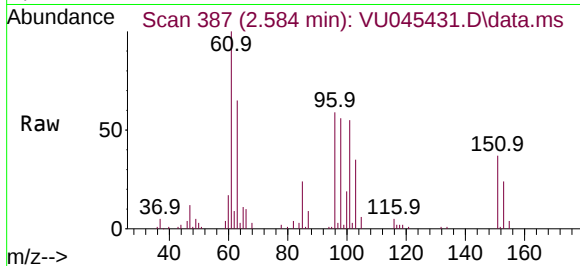




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.159 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU045431.D
 Acq: 28 Oct 2021 10:54

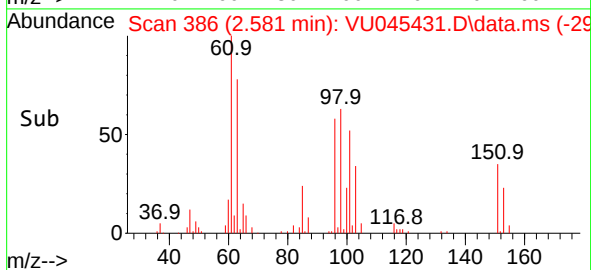
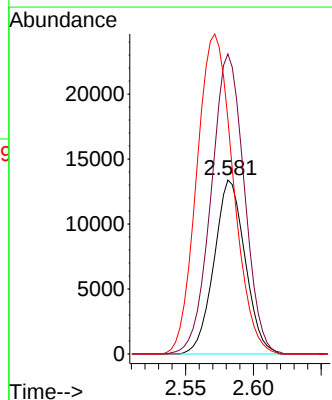
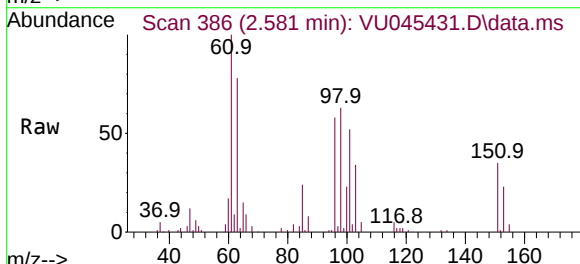
Instrument :
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 ClientSampleId :
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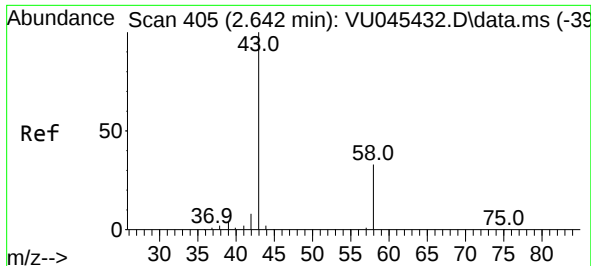
Tgt Ion:101 Resp: 22715
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.8 52.2
 151 68.8 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 10.246 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045431.D
 Acq: 28 Oct 2021 10:54

Tgt Ion: 96 Resp: 21276
 Ion Ratio Lower Upper
 96 100
 61 172.4 126.3 234.5
 63 135.1 89.2 165.8

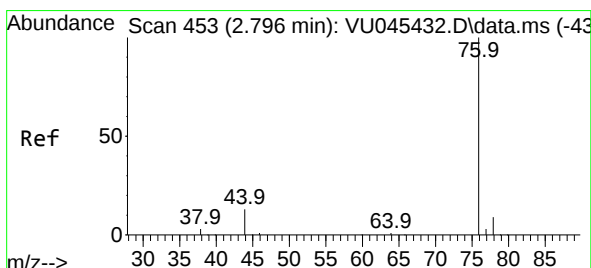
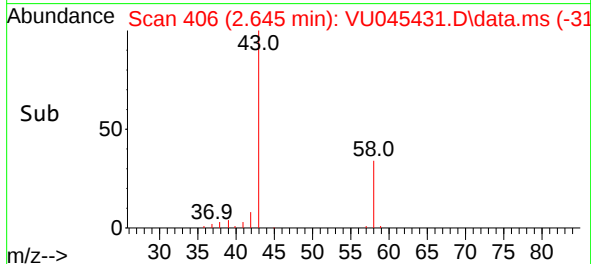
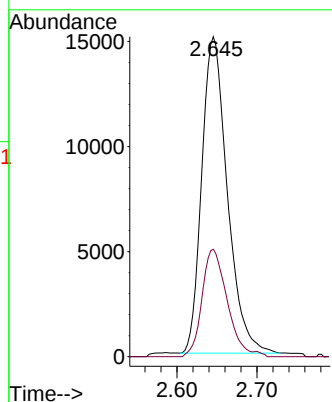
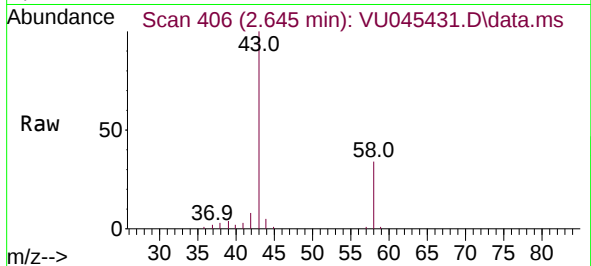




#13
Acetone
Concen: 14.947 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

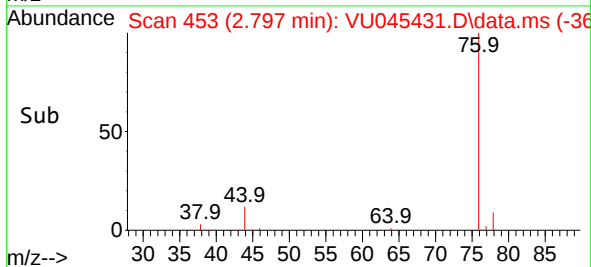
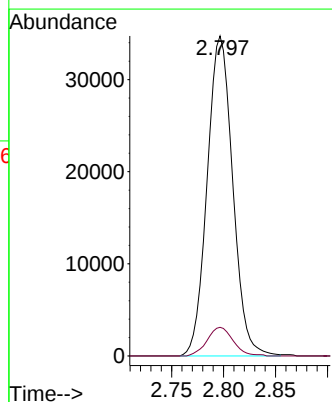
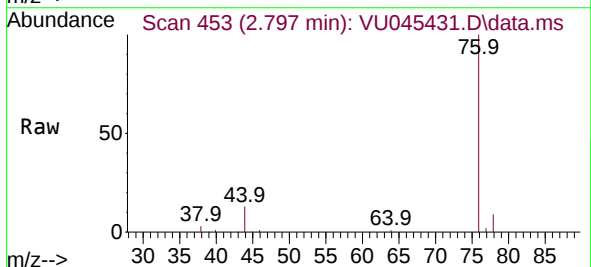
Instrument :
MSVOA_U
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VSTD010026

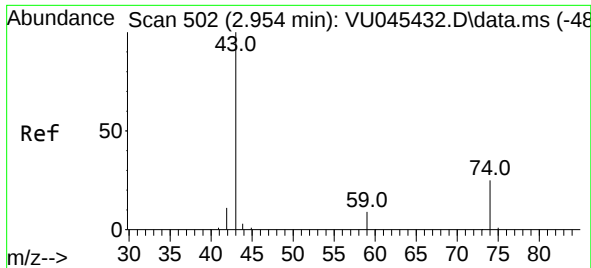
Tgt Ion: 43 Resp: 33554
Ion Ratio Lower Upper
43 100
58 32.9 0.0 66.2



#14
Carbon disulfide
Concen: 10.334 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 76 Resp: 59443
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

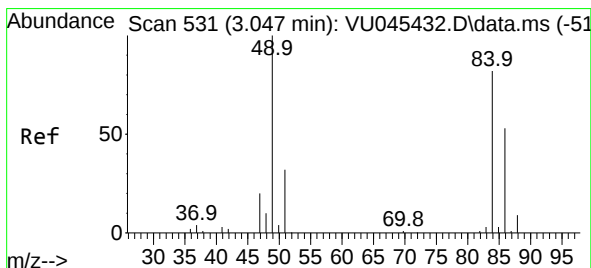
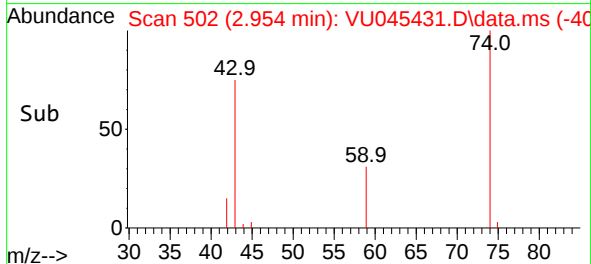
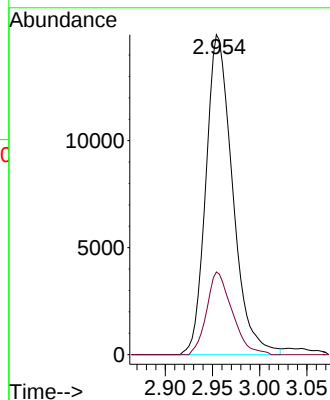
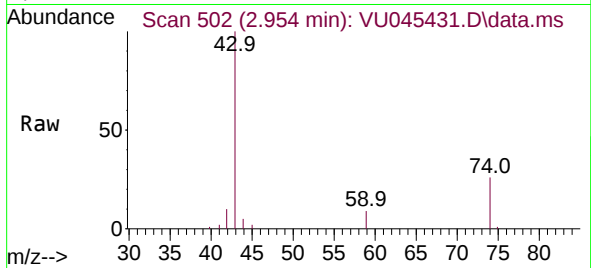




#15
Methyl Acetate
Concen: 9.903 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

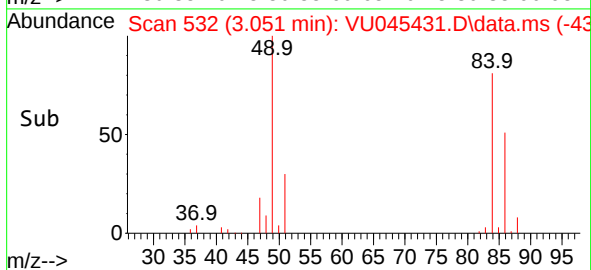
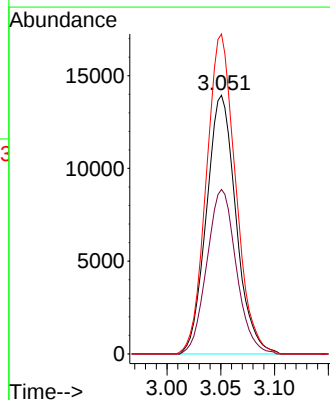
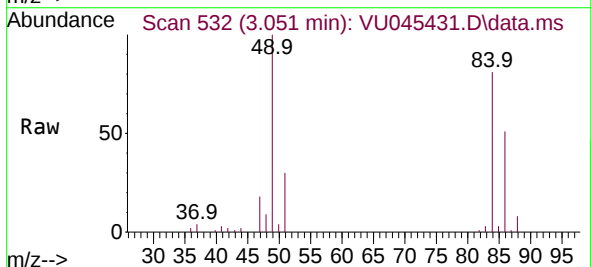
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ClientSampleId :
VSTD010026

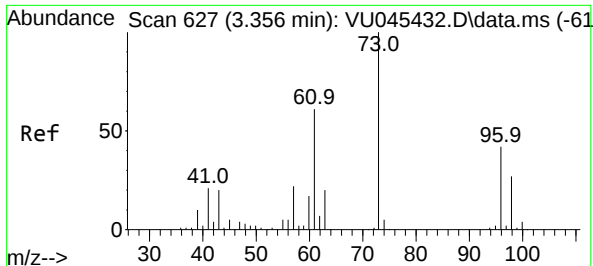
Tgt Ion: 43 Resp: 29389
Ion Ratio Lower Upper
43 100
74 24.6 20.0 30.0



#16
Methylene chloride
Concen: 10.044 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 84 Resp: 26668
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.2
49 123.7 85.9 159.5



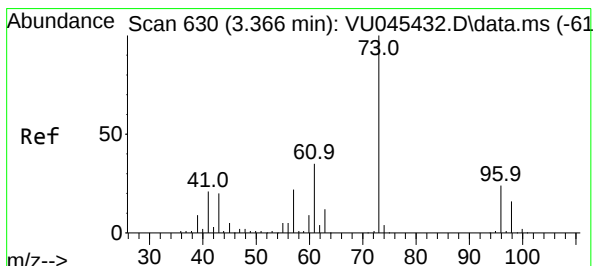
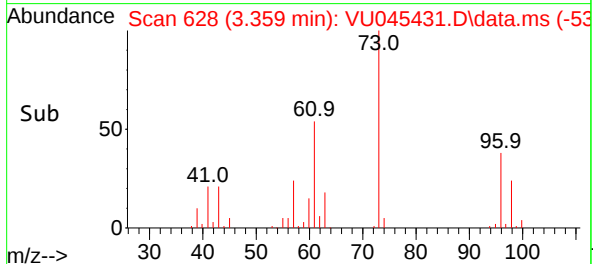
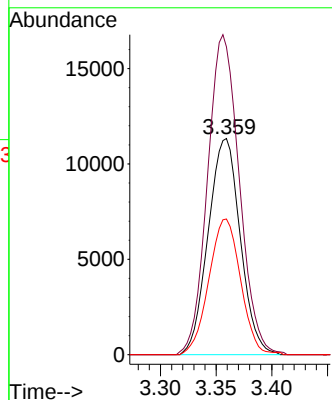
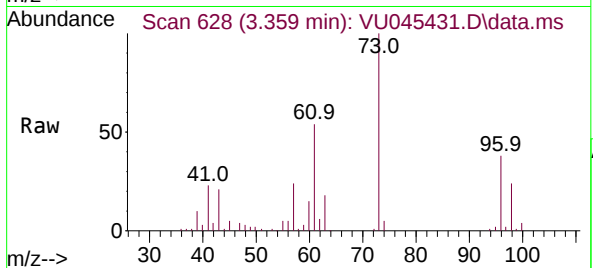


#17

trans-1,2-Dichloroethene
Concen: 10.194 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

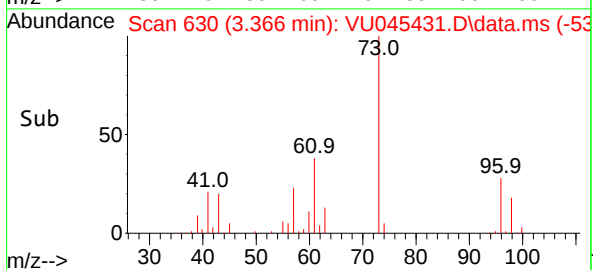
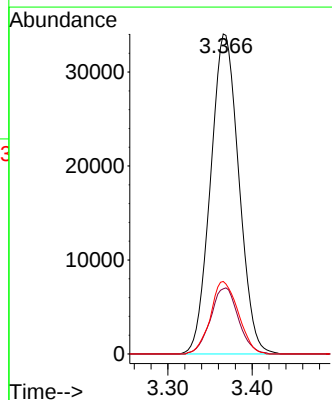
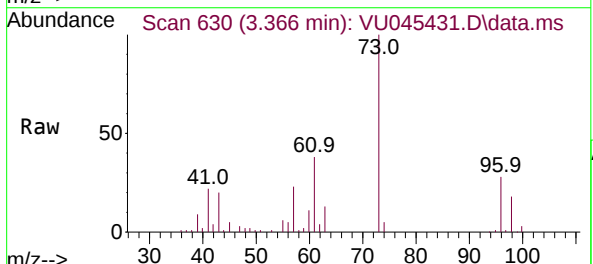
Tgt Ion: 96 Resp: 22724
Ion Ratio Lower Upper
96 100
61 142.5 101.8 189.2
98 62.8 45.1 83.7

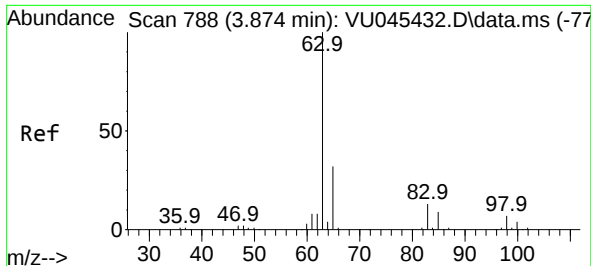


#18

Methyl tert-butyl Ether
Concen: 10.232 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 73 Resp: 79300
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 22.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 10.079 ug/L

RT: 3.874 min Scan# 788

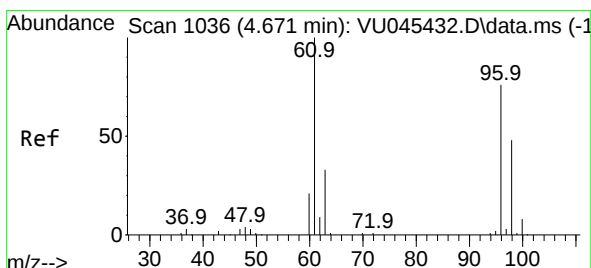
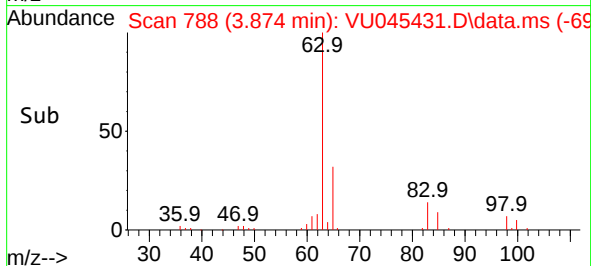
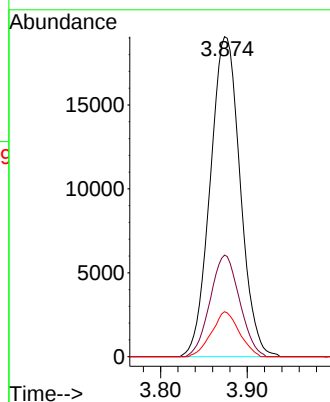
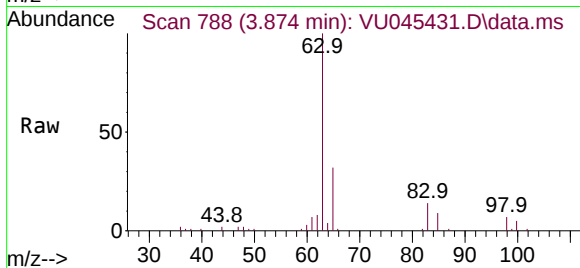
Delta R.T. 0.000 min

Lab File: VU045431.D

Acq: 28 Oct 2021 10:54

Tgt Ion:	63	Resp:	45722
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.4	41.6
83	14.0	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :
VSTD010026



#20

cis-1,2-Dichloroethene

Concen: 9.985 ug/L

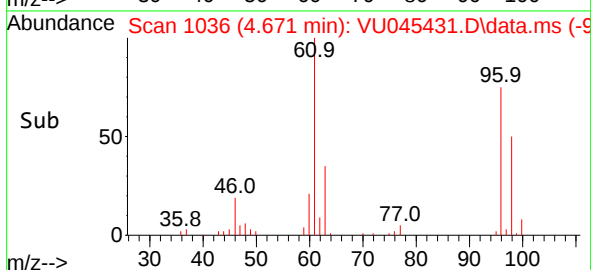
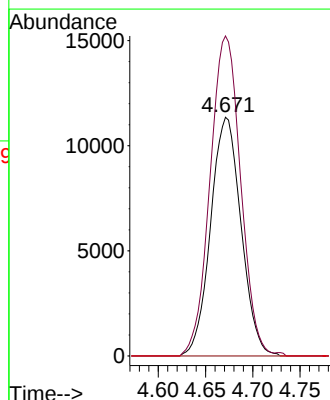
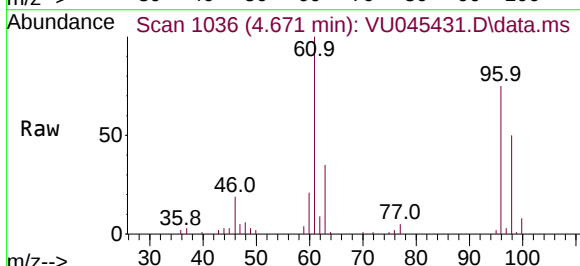
RT: 4.671 min Scan# 1036

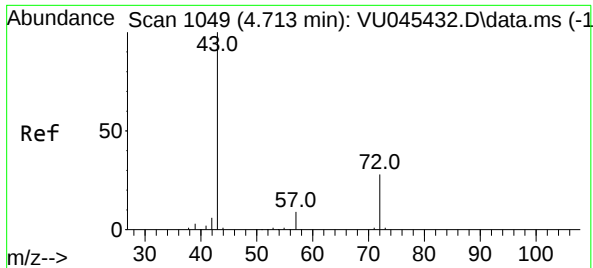
Delta R.T. 0.000 min

Lab File: VU045431.D

Acq: 28 Oct 2021 10:54

Tgt Ion:	96	Resp:	25414
Ion	Ratio	Lower	Upper
96	100		
61	134.0	92.8	172.4
68	0.0	0.0	0.0

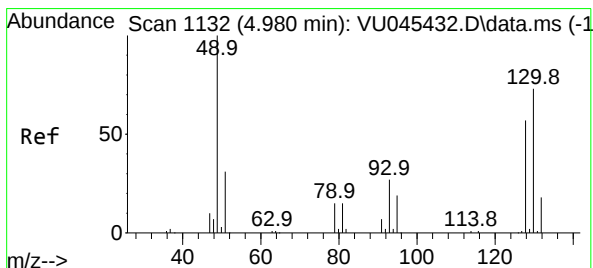
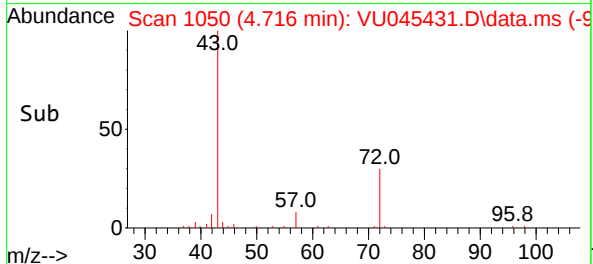
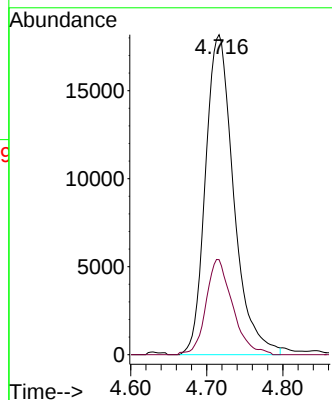
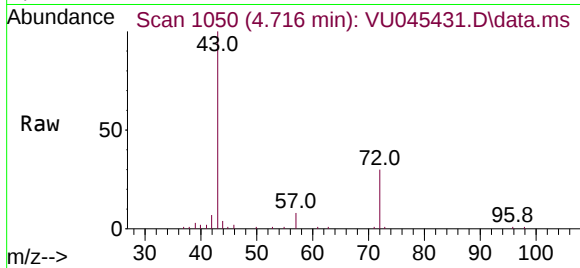




#22
2-Butanone
Concen: 18.285 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

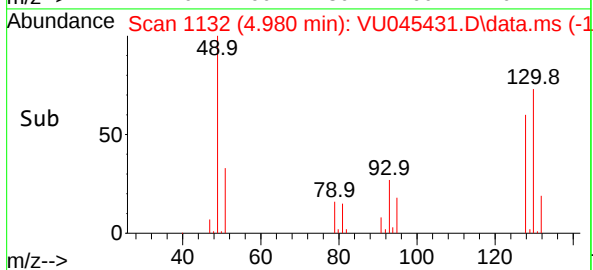
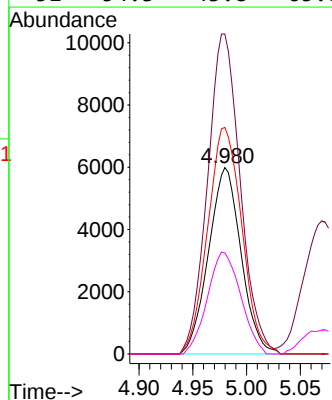
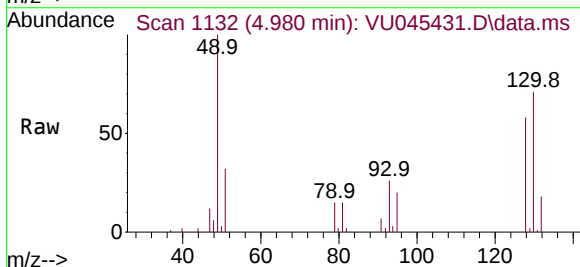
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

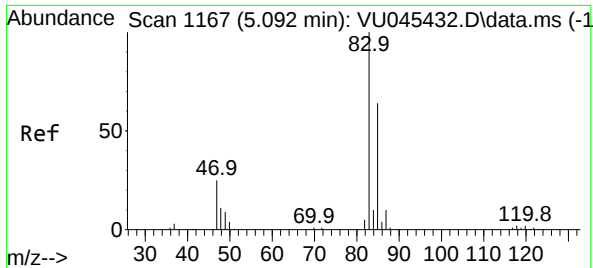
Tgt Ion: 43 Resp: 46899
Ion Ratio Lower Upper
43 100
72 27.6 14.4 43.2



#23
Bromochloromethane
Concen: 10.107 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 128 Resp: 12584
Ion Ratio Lower Upper
128 100
49 171.7 123.1 228.5
130 121.5 89.8 166.8
51 54.3 43.8 65.8

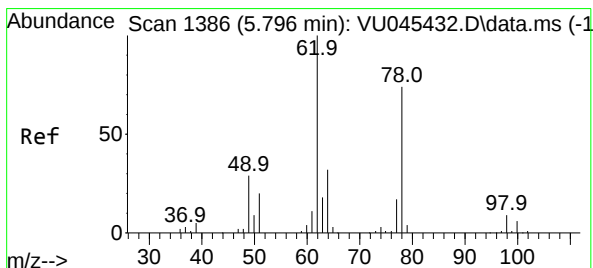
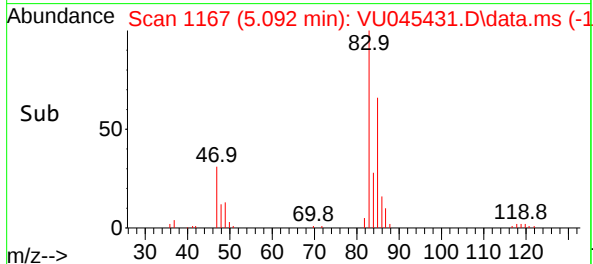
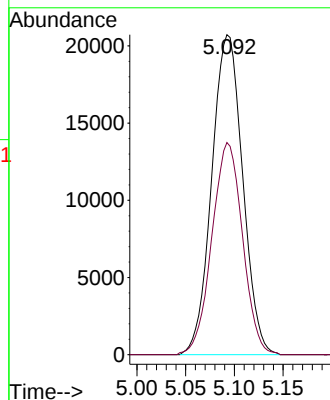
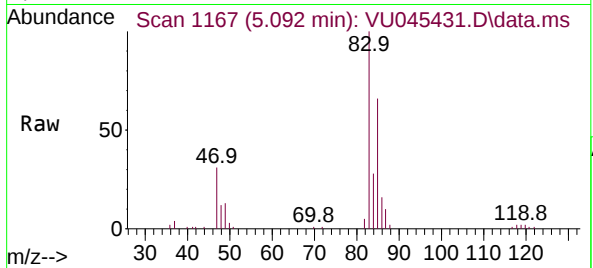




#25
Chloroform
Concen: 9.973 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

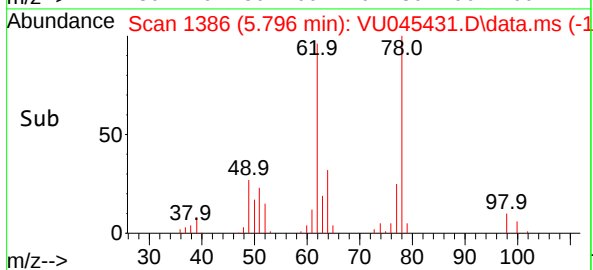
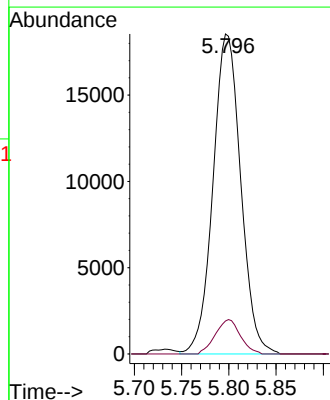
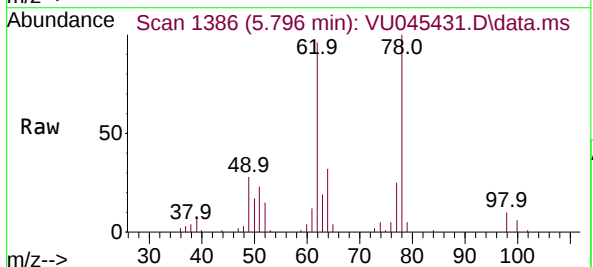
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

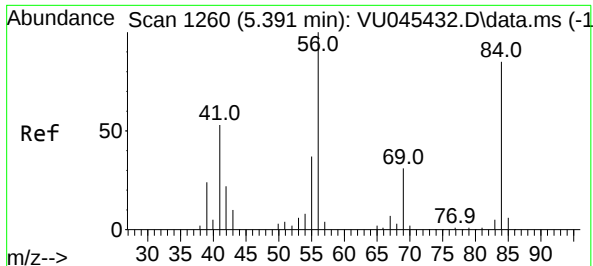
Tgt Ion: 83 Resp: 45744
Ion Ratio Lower Upper
83 100
85 66.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 10.236 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 62 Resp: 37782
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#29

Cyclohexane

Concen: 11.680 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045431.D

Acq: 28 Oct 2021 10:54

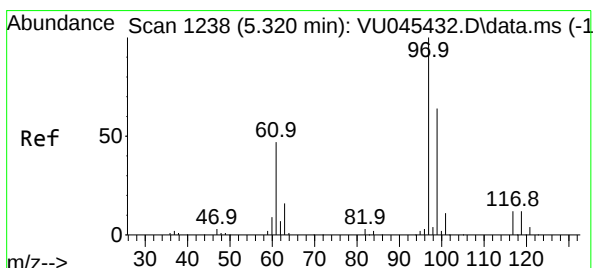
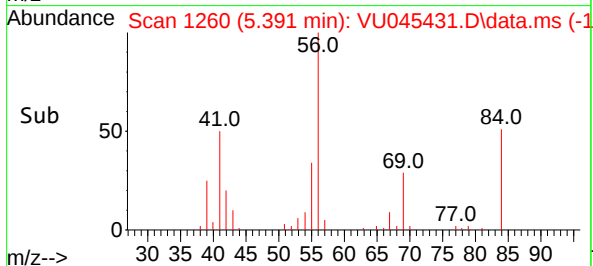
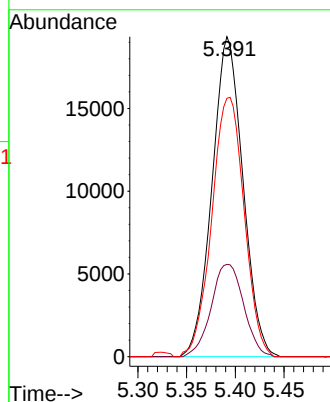
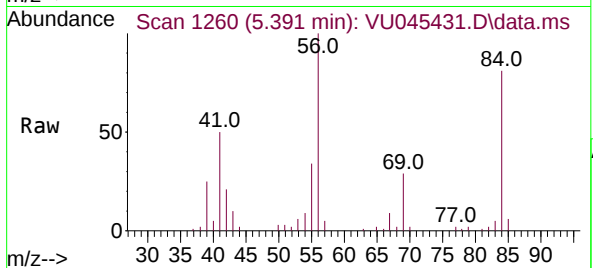
Instrument :

MSVOA_U

ClientSampleId :

VSTD010026

Tgt Ion:	56	Resp:	42582
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.4
84	84.8	69.9	104.9



#30

1,1,1-Trichloroethane

Concen: 10.290 ug/L

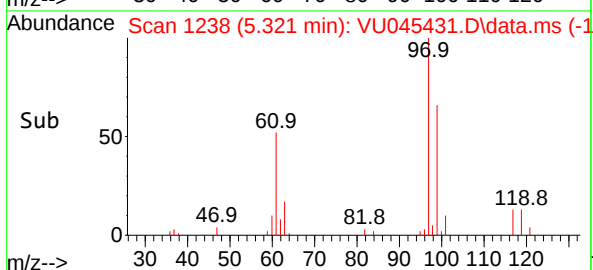
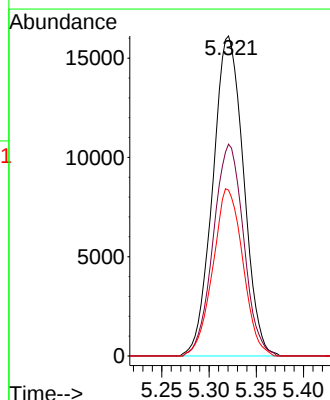
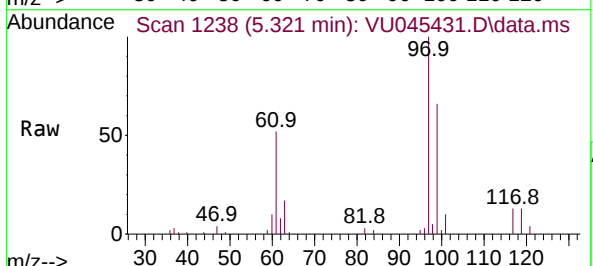
RT: 5.321 min Scan# 1238

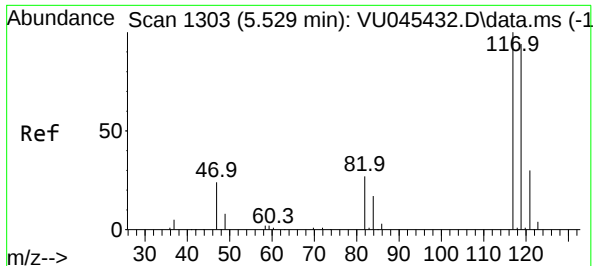
Delta R.T. 0.000 min

Lab File: VU045431.D

Acq: 28 Oct 2021 10:54

Tgt Ion:	97	Resp:	36516
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	50.9	38.8	58.2

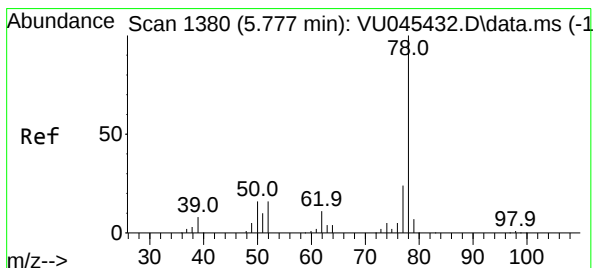
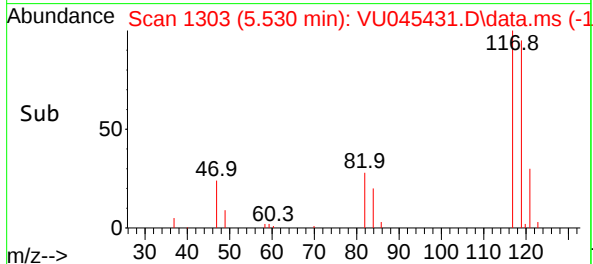
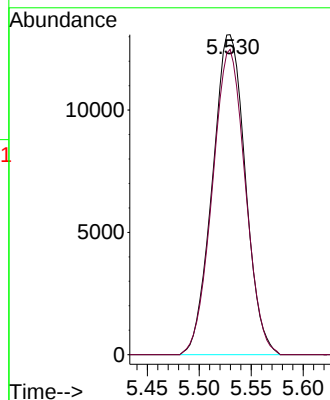
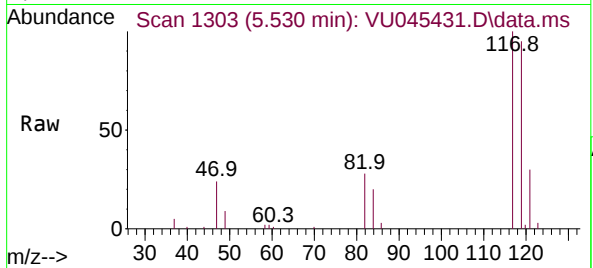




#31
Carbon tetrachloride
Concen: 10.511 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

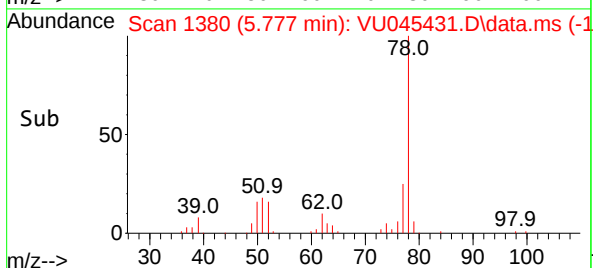
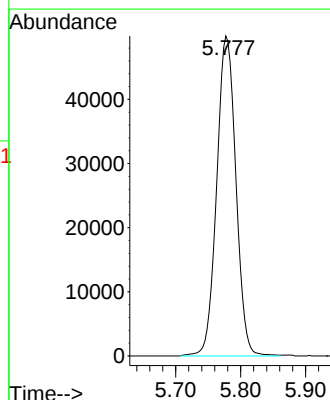
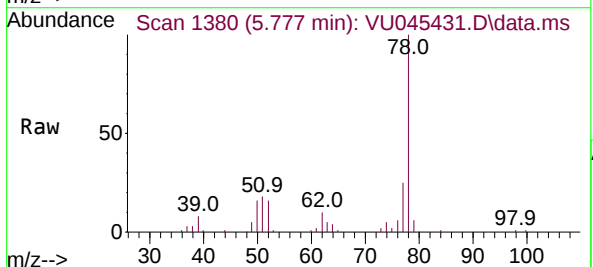
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

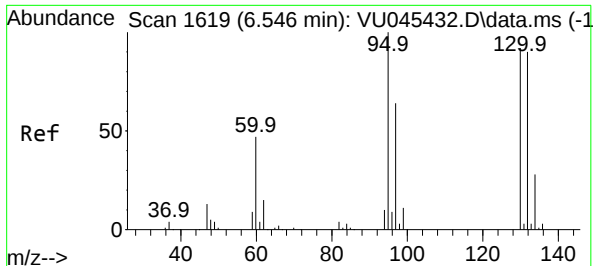
Tgt Ion:117 Resp: 28840
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 10.867 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 78 Resp: 102215





#34

Trichloroethene

Concen: 10.498 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045431.D

Acq: 28 Oct 2021 10:54

Tgt Ion: 95 Resp: 24207

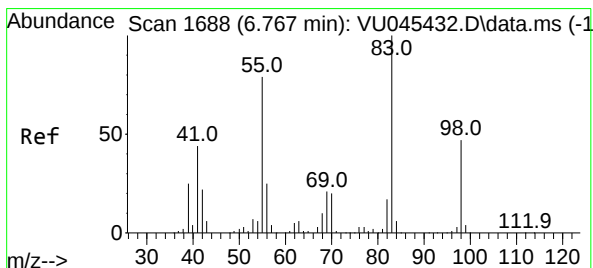
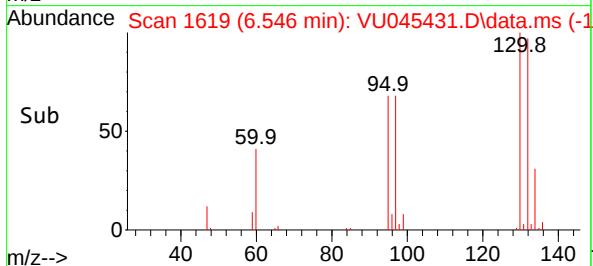
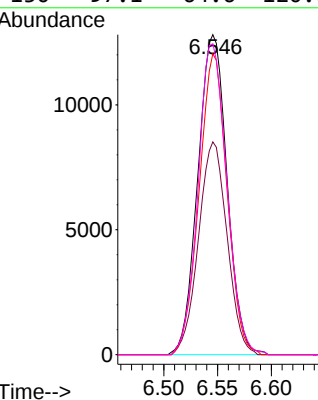
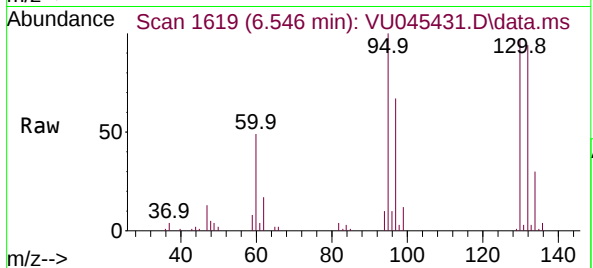
Ion Ratio Lower Upper

95 100

97 66.5 45.0 83.6

132 94.0 63.3 117.7

130 97.1 64.6 120.0



#35

Methylcyclohexane

Concen: 11.115 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045431.D

Acq: 28 Oct 2021 10:54

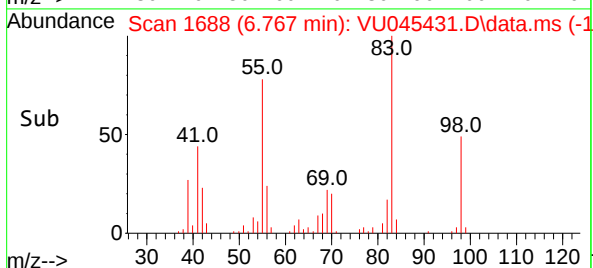
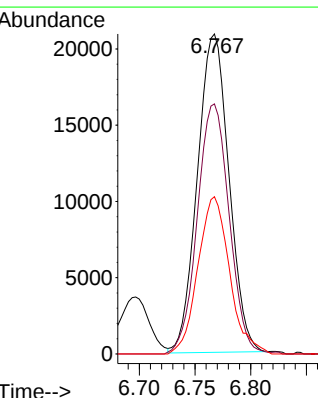
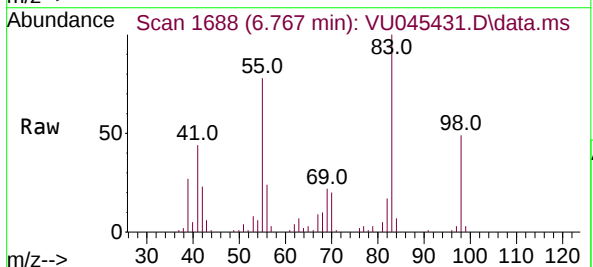
Tgt Ion: 83 Resp: 41178

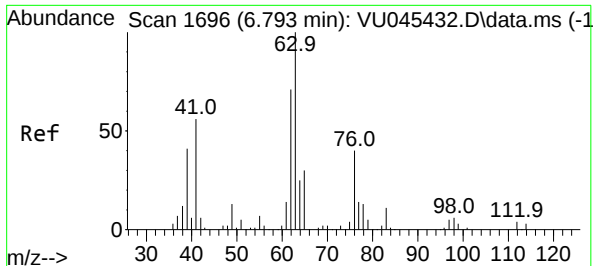
Ion Ratio Lower Upper

83 100

55 79.2 62.8 94.2

98 49.5 37.4 56.2



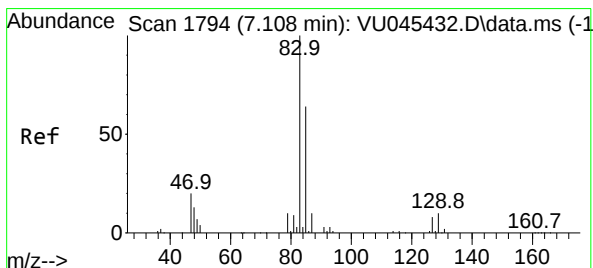
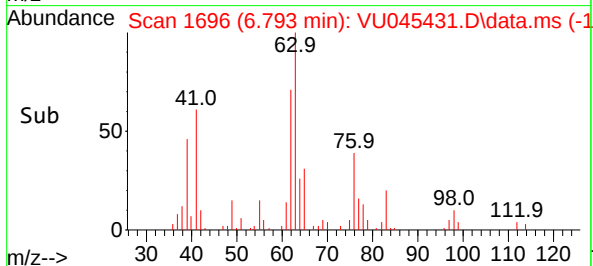
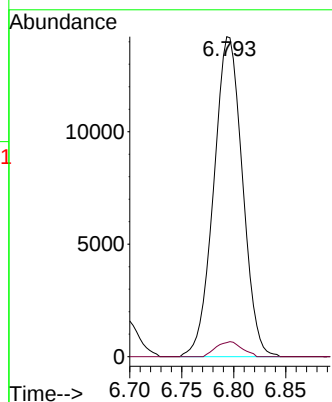
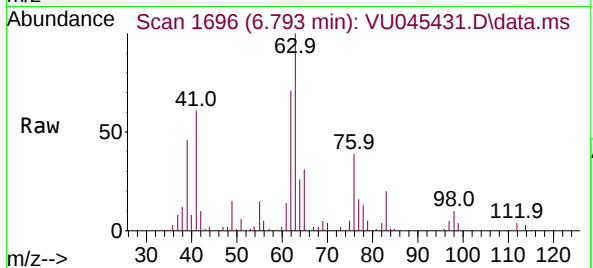


#37

1,2-Dichloropropane
Concen: 10.747 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

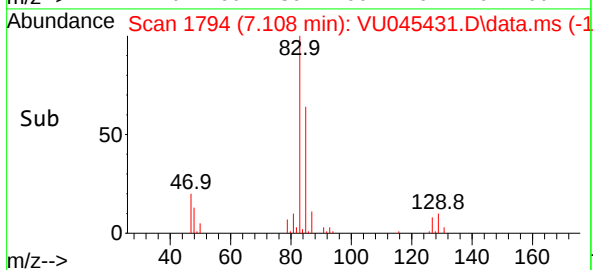
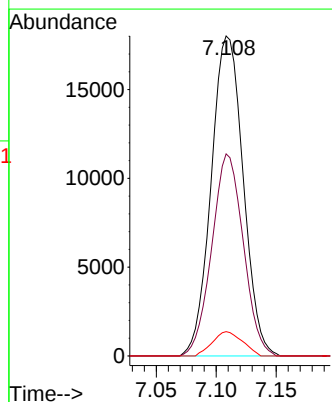
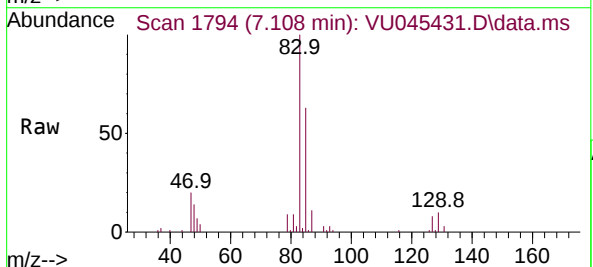
Tgt Ion: 63 Resp: 27333
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.2

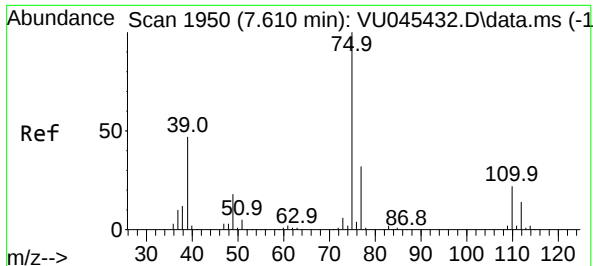


#38

Bromodichloromethane
Concen: 10.187 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 83 Resp: 33421
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.9
127 7.6 6.2 9.2



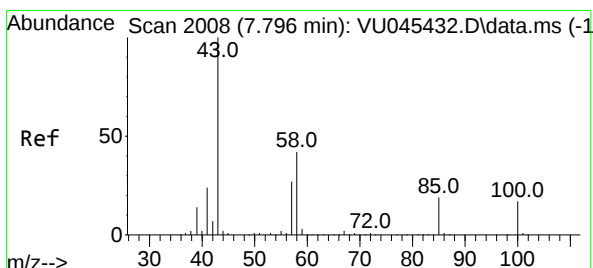
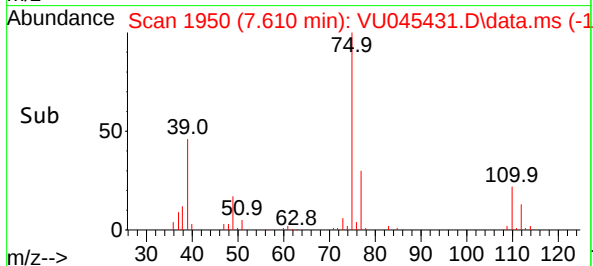
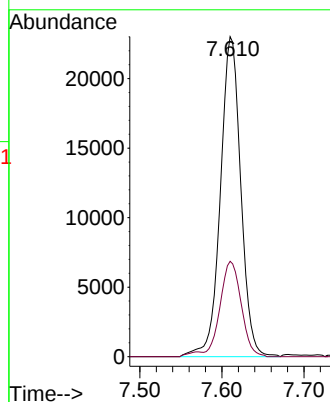
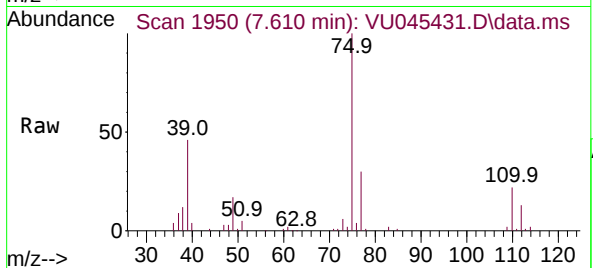


#39

cis-1,3-Dichloropropene
 Concen: 10.409 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045431.D
 Acq: 28 Oct 2021 10:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010026

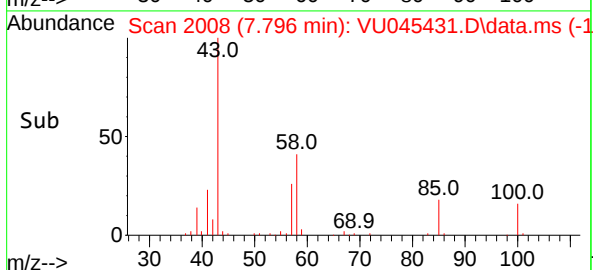
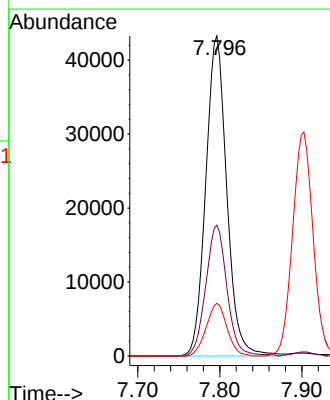
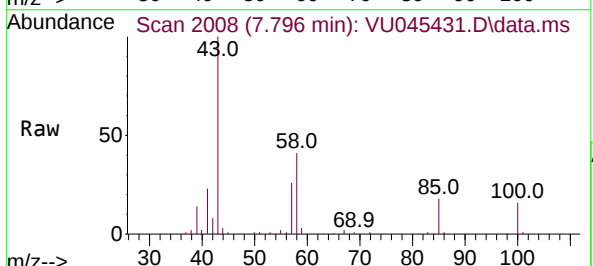
Tgt Ion: 75 Resp: 39822
 Ion Ratio Lower Upper
 75 100
 77 29.8 22.7 42.1

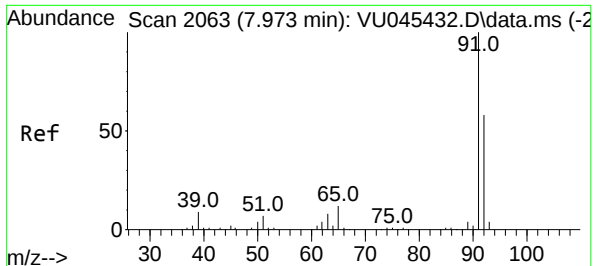


#40

4-Methyl-2-pentanone
 Concen: 19.944 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: VU045431.D
 Acq: 28 Oct 2021 10:54

Tgt Ion: 43 Resp: 76973
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.9 50.9
 100 16.2 13.3 19.9

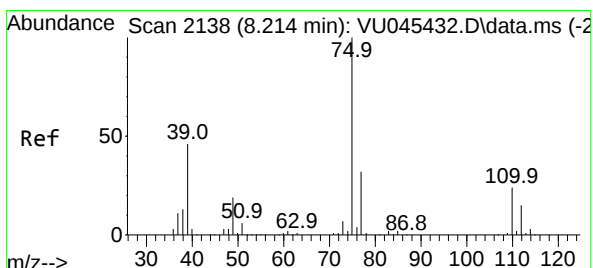
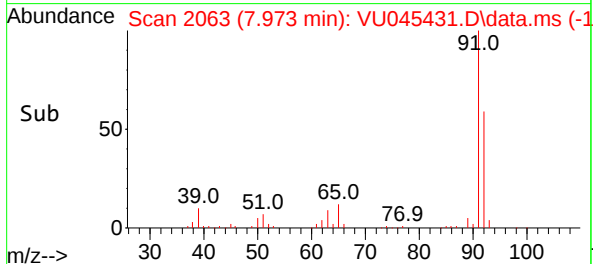
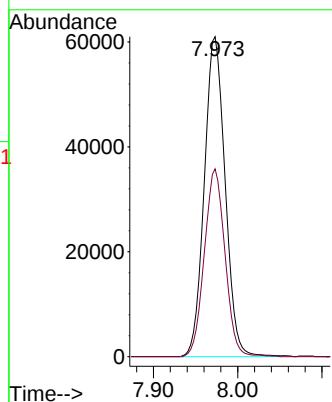
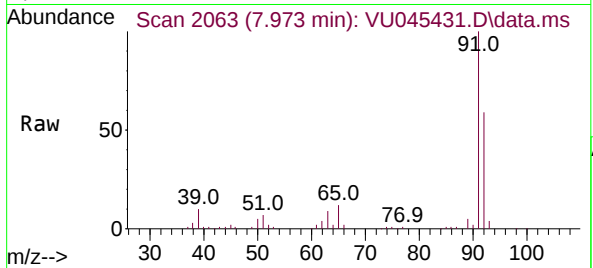




#42
Toluene
Concen: 10.714 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

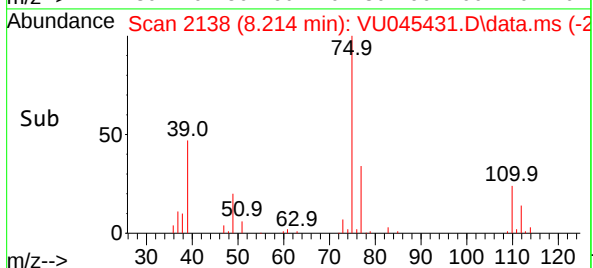
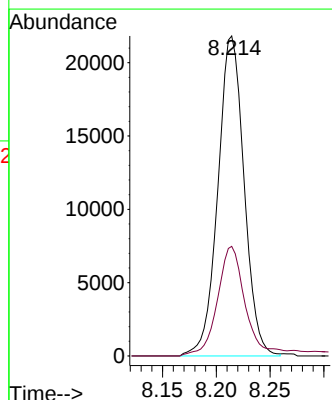
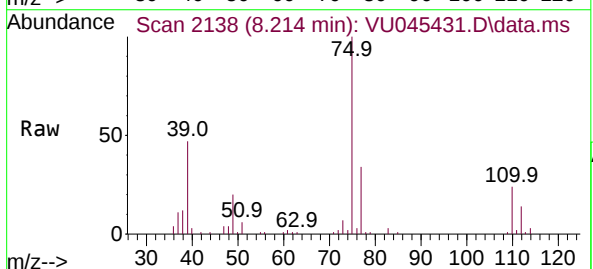
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

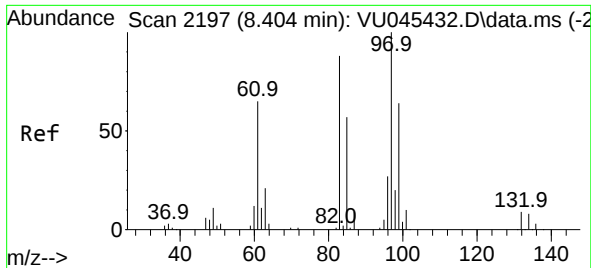
Tgt Ion: 91 Resp: 105180
Ion Ratio Lower Upper
91 100
92 58.7 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 10.150 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 75 Resp: 37000
Ion Ratio Lower Upper
75 100
77 34.2 22.7 42.1

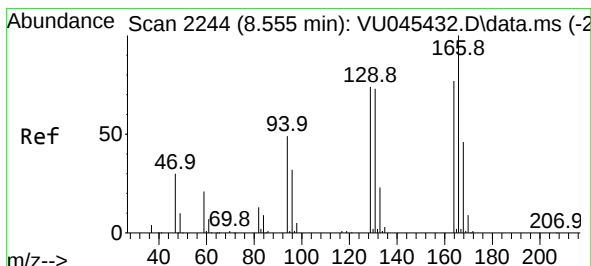
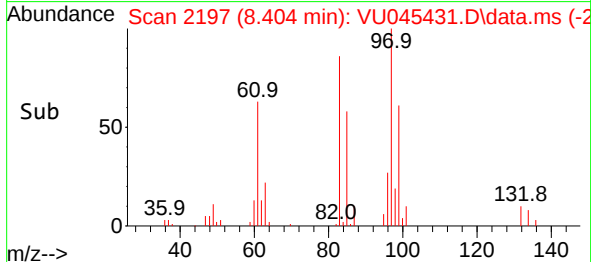
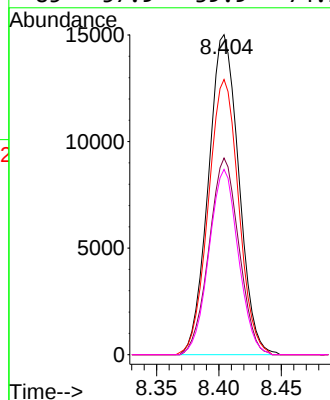
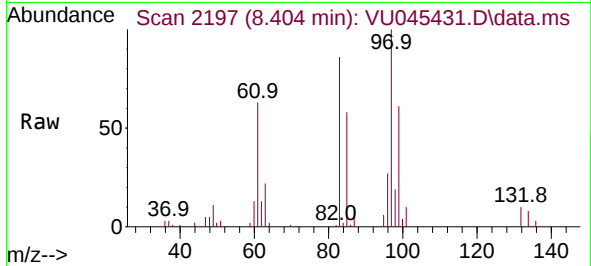




#45
1,1,2-Trichloroethane
Concen: 10.525 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

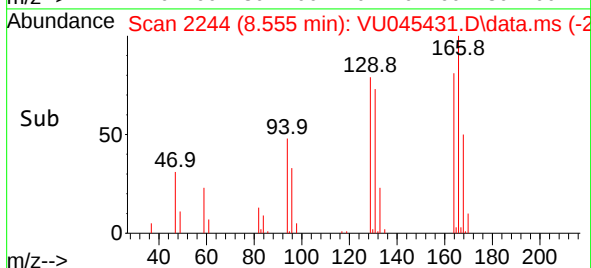
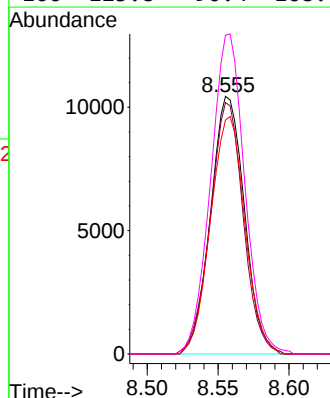
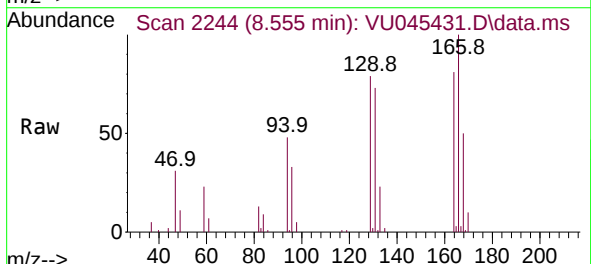
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

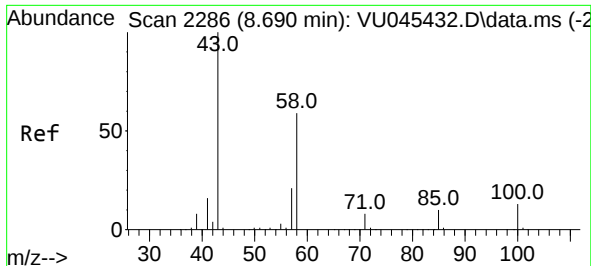
Tgt Ion:	97	Resp:	25526
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.7	82.9
83	86.0	61.5	114.1
85	57.9	39.9	74.1



#46
Tetrachloroethene
Concen: 10.772 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:	164	Resp:	17329
Ion	Ratio	Lower	Upper
164	100		
129	97.6	66.8	124.2
131	90.9	65.6	121.8
166	123.8	90.4	168.0

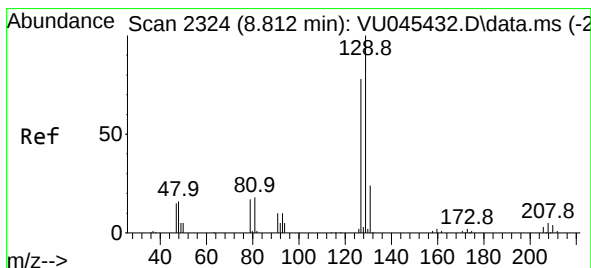
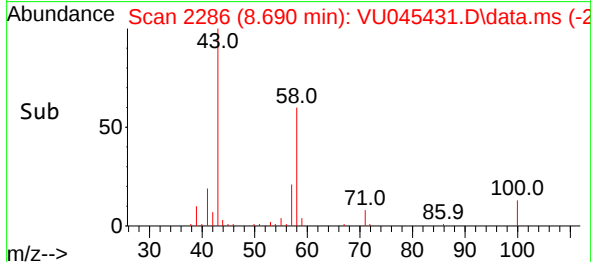
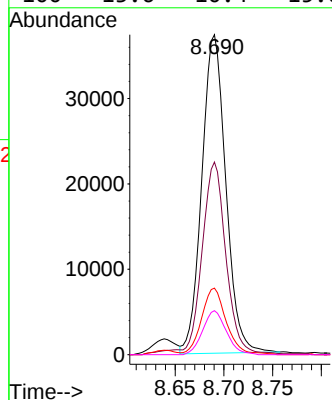
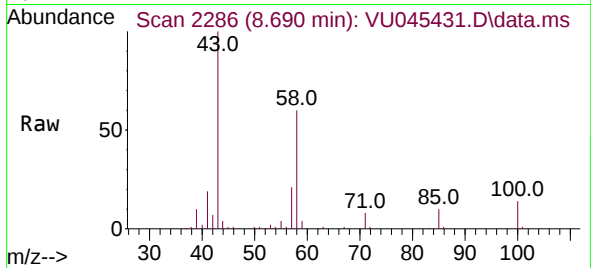




#48
2-Hexanone
Concen: 19.752 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

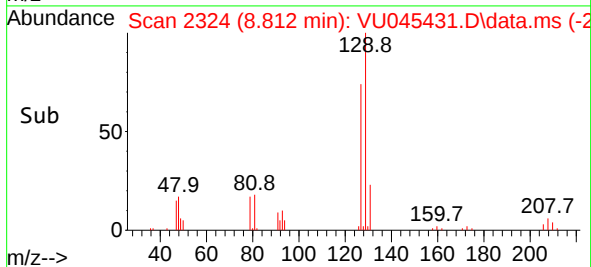
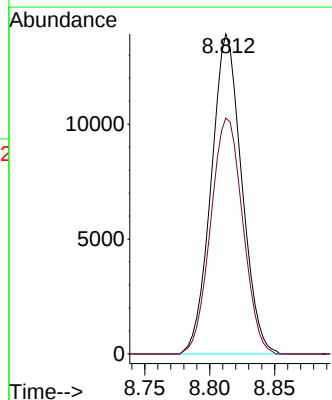
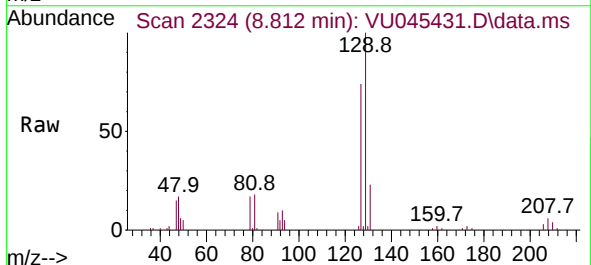
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

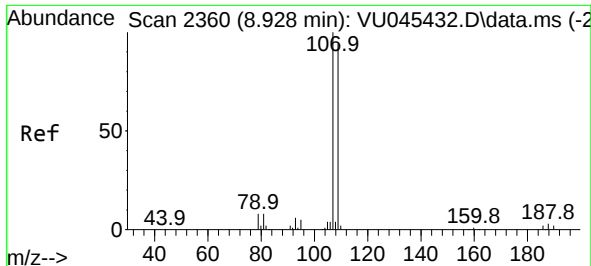
Tgt Ion:	43	Resp:	63994
Ion	Ratio	Lower	Upper
43	100		
58	57.9	47.0	70.4
57	21.5	16.3	24.5
100	13.6	10.4	15.6



#49
Dibromochloromethane
Concen: 9.624 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:	129	Resp:	22752
Ion	Ratio	Lower	Upper
129	100		
127	73.7	54.9	101.9





#50

1,2-Dibromoethane

Concen: 10.353 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VU045431.D

Acq: 28 Oct 2021 10:54

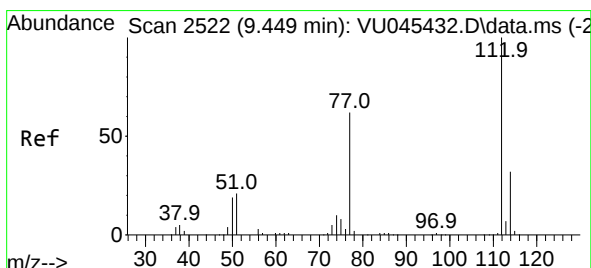
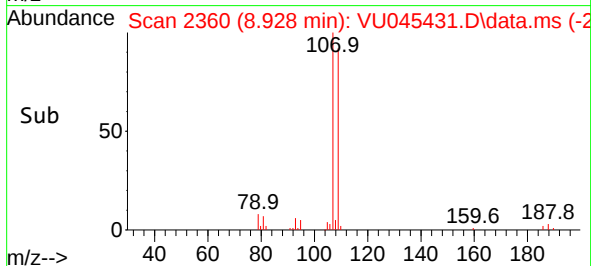
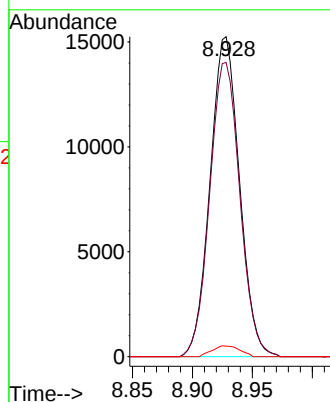
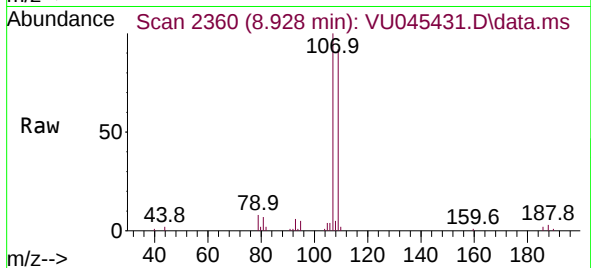
Instrument :

MSVOA_U

ClientSampleId :

VSTD010026

Tgt Ion:	107	Resp:	26013
Ion	Ratio	Lower	Upper
107	100		
109	91.9	66.1	122.8
188	3.3	2.8	4.2



#51

Chlorobenzene

Concen: 10.332 ug/L

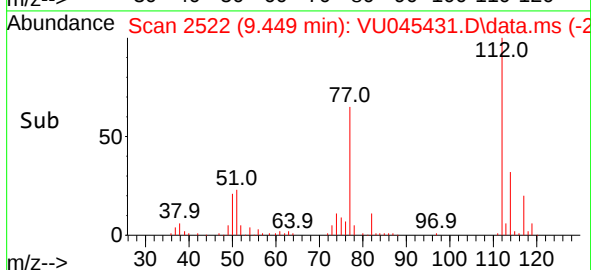
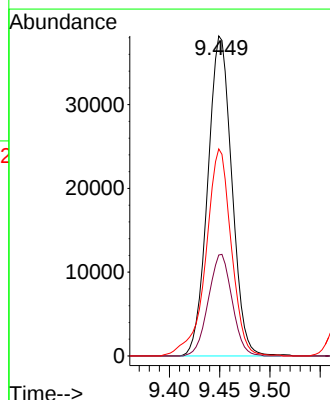
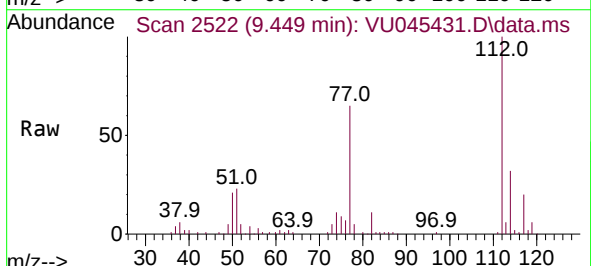
RT: 9.449 min Scan# 2522

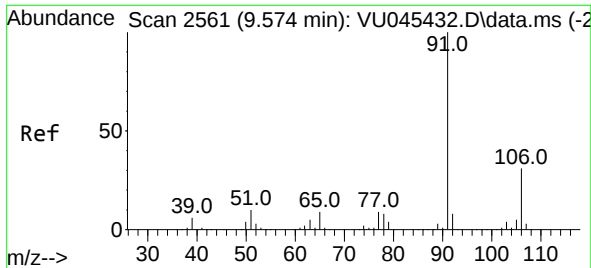
Delta R.T. 0.000 min

Lab File: VU045431.D

Acq: 28 Oct 2021 10:54

Tgt Ion:	112	Resp:	63734
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.7
77	64.7	49.8	74.6

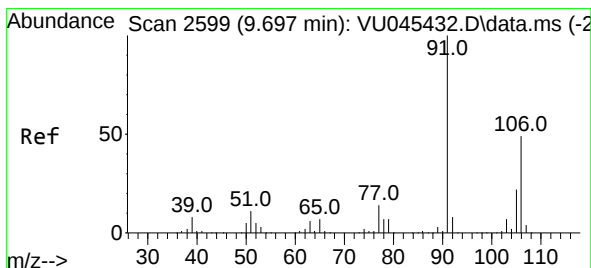
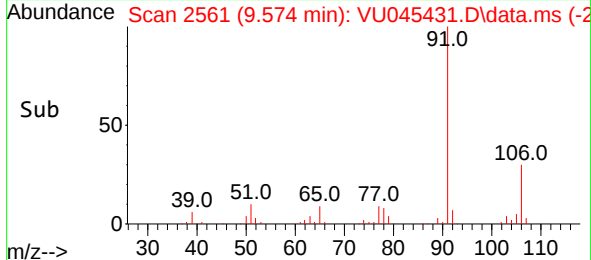
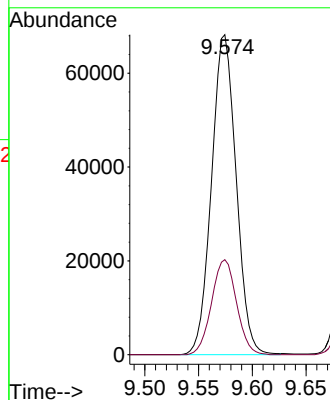
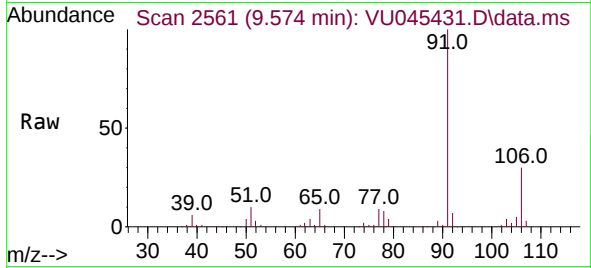




#52
Ethylbenzene
Concen: 10.266 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

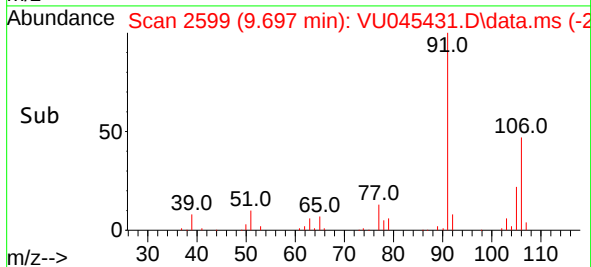
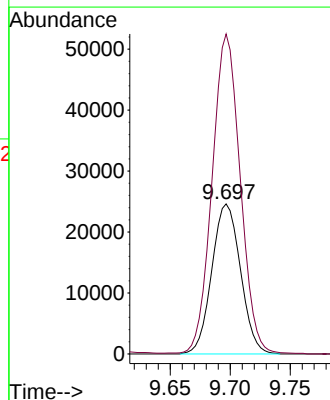
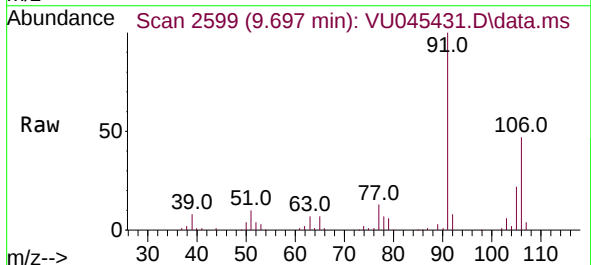
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

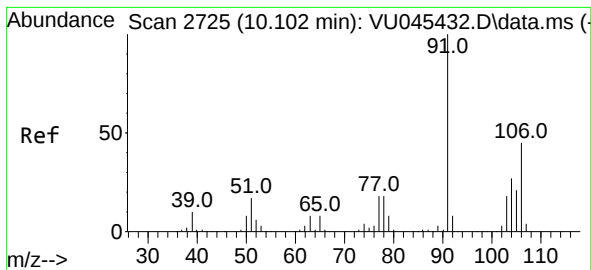
Tgt Ion: 91 Resp: 108697
Ion Ratio Lower Upper
91 100
106 29.7 21.7 40.3



#53
m,p-Xylene
Concen: 10.138 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 106 Resp: 40945
Ion Ratio Lower Upper
106 100
91 213.1 142.2 264.2





#54

o-xylene

Concen: 10.059 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.003 min

Lab File: VU045431.D

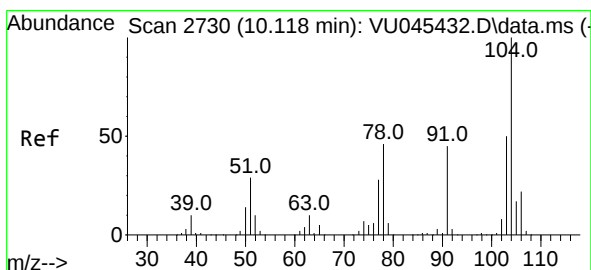
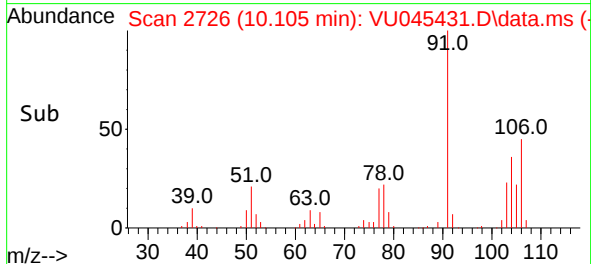
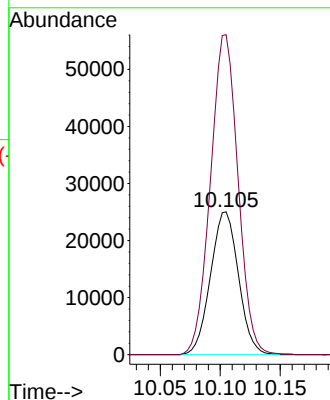
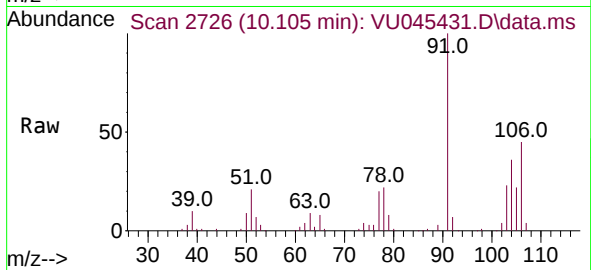
Acq: 28 Oct 2021 10:54

Tgt Ion:106 Resp: 40602

Ion Ratio Lower Upper

106 100

91 224.0 155.2 288.2



#55

Styrene

Concen: 9.659 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU045431.D

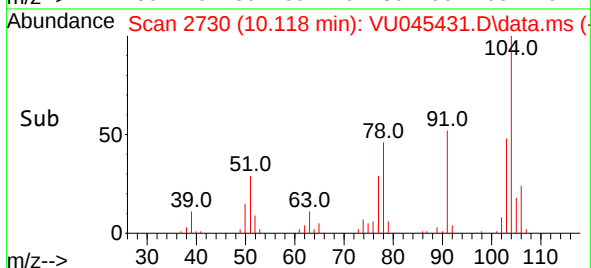
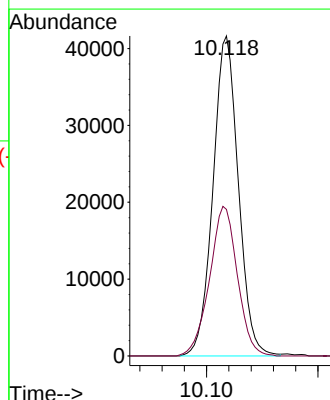
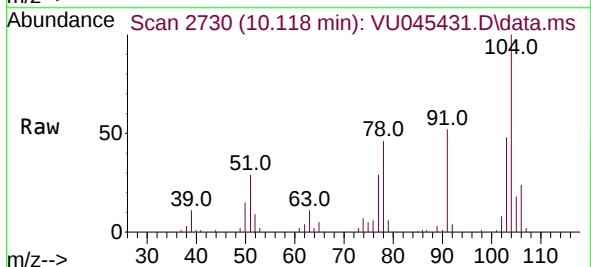
Acq: 28 Oct 2021 10:54

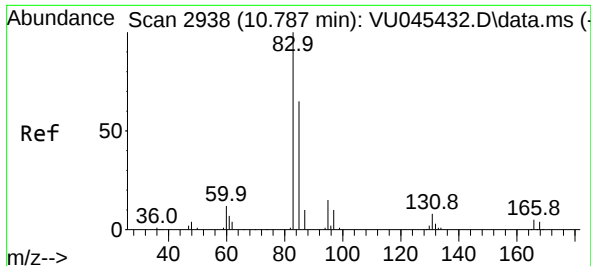
Tgt Ion:104 Resp: 65898

Ion Ratio Lower Upper

104 100

78 45.8 32.6 60.6

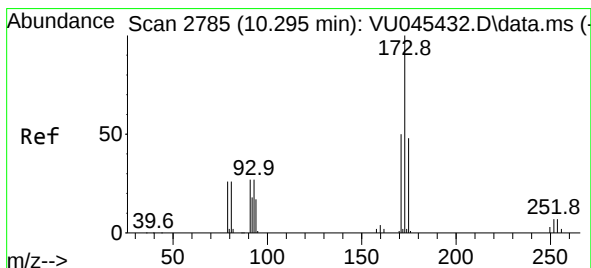
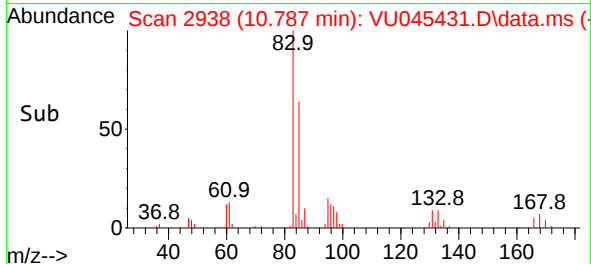
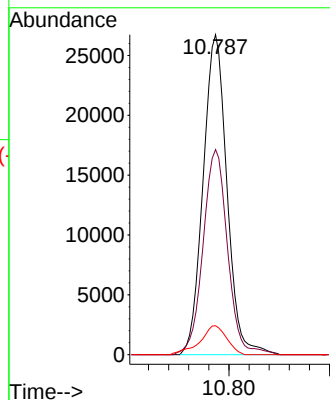
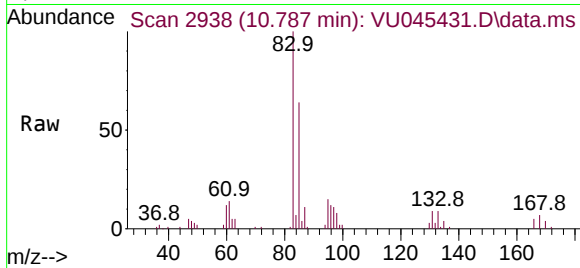




#57
1,1,2,2-Tetrachloroethane
Concen: 10.176 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

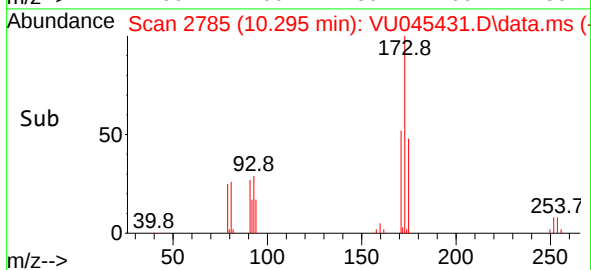
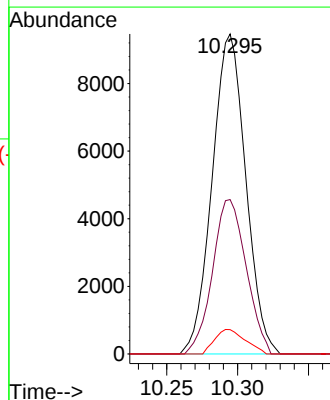
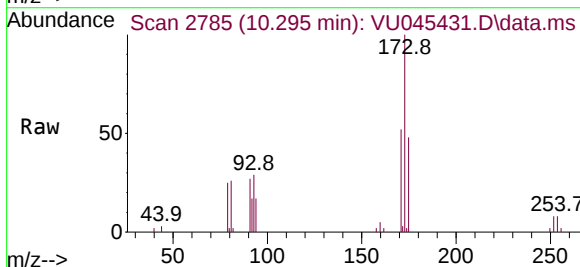
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

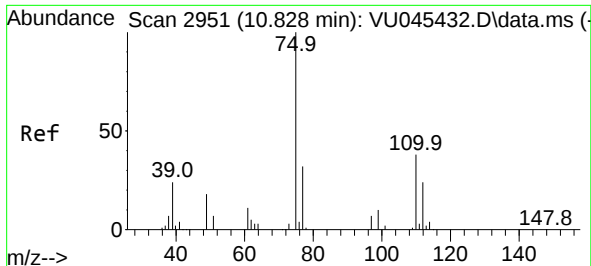
Tgt Ion:	83	Resp:	43981
Ion	Ratio	Lower	Upper
83	100		
85	64.1	46.0	85.4
131	9.1	7.0	10.4



#59
Bromoform
Concen: 9.870 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:	173	Resp:	15619
Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.7	58.1
254	6.9	5.8	8.8

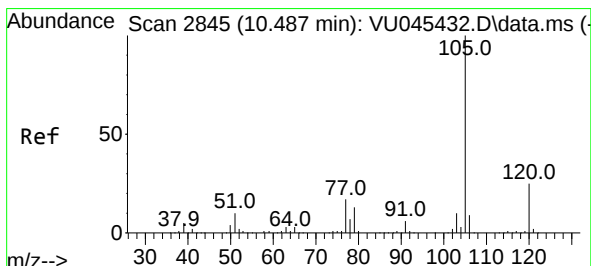
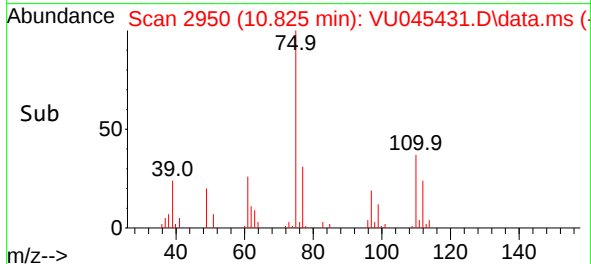
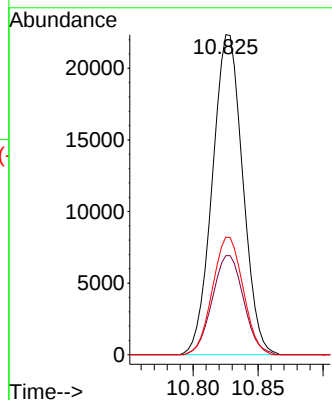
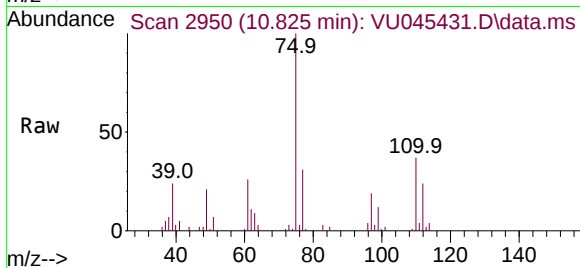




#60
1,2,3-Trichloropropane
Concen: 10.937 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

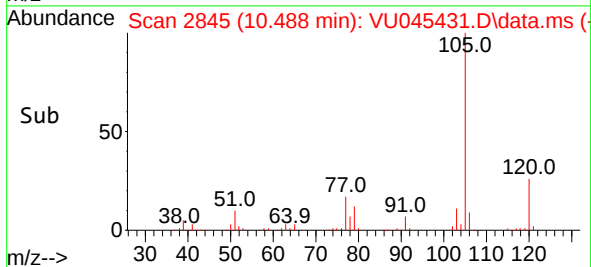
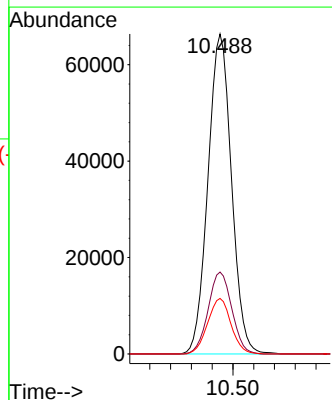
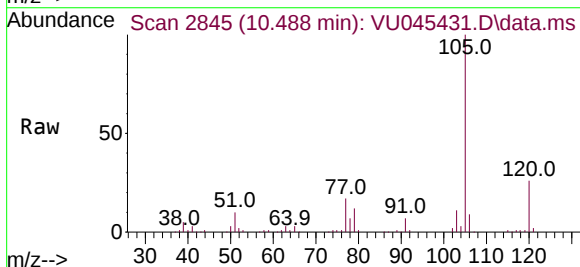
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

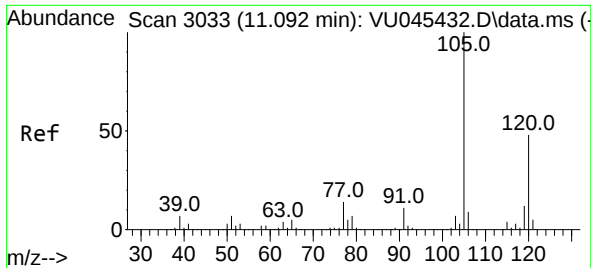
Tgt Ion:	75	Resp:	36298
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.9	38.9
110	37.0	29.8	44.8



#61
Isopropylbenzene
Concen: 10.580 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:	105	Resp:	104402
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.4	30.6
77	17.2	13.3	19.9

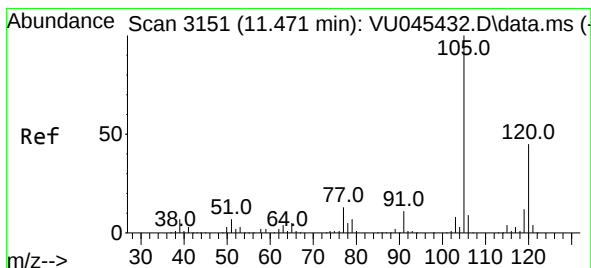
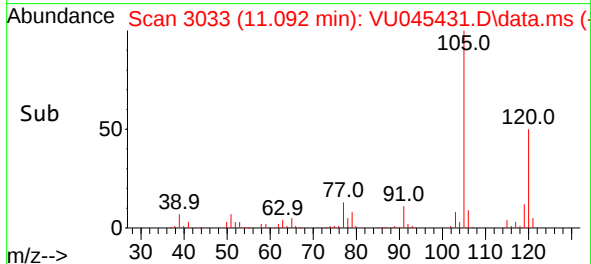
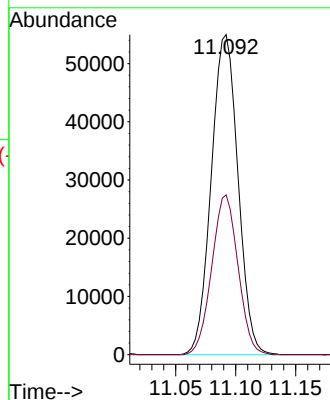
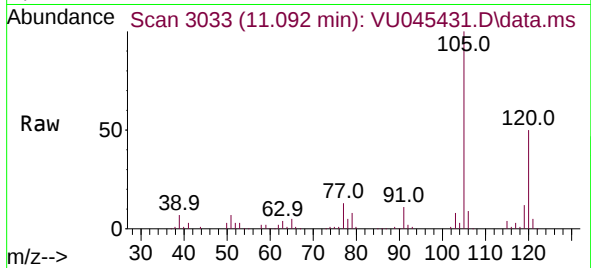




#62
1,3,5-Trimethylbenzene
Concen: 10.384 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

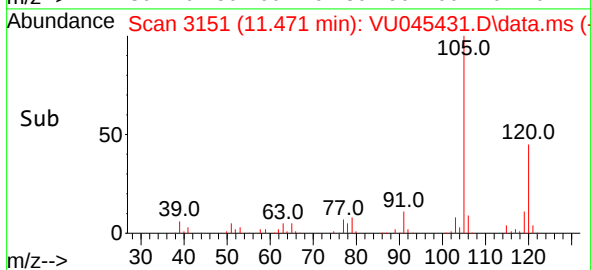
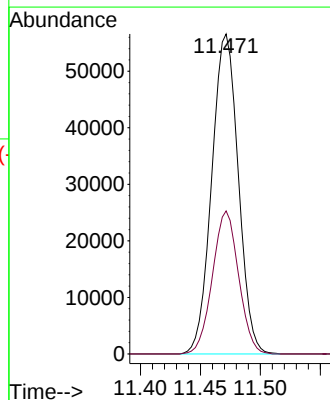
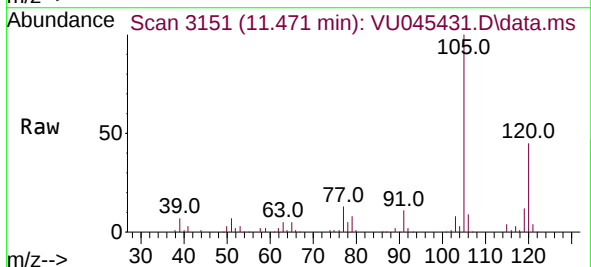
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

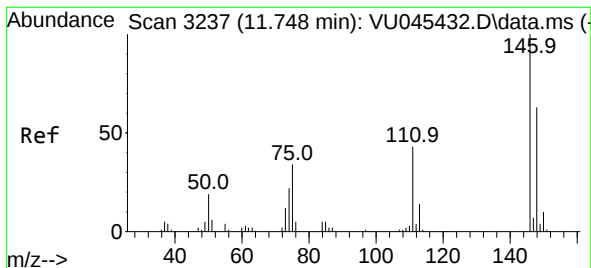
Tgt Ion:105 Resp: 85129
Ion Ratio Lower Upper
105 100
120 49.0 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 10.455 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:105 Resp: 86986
Ion Ratio Lower Upper
105 100
120 44.0 35.6 53.4

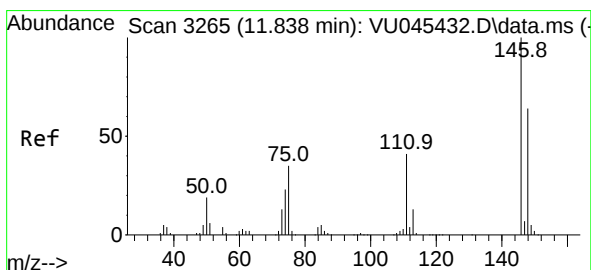
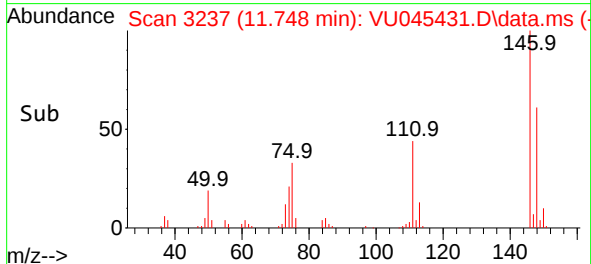
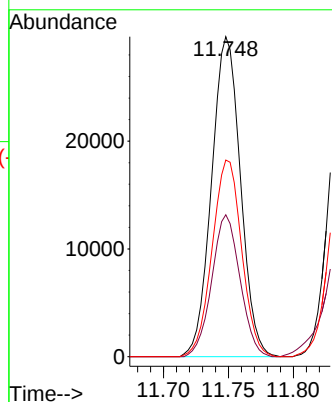
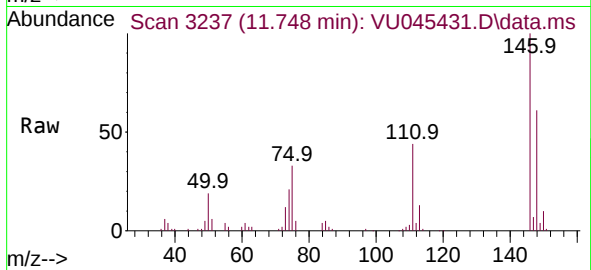




#64
1,3-Dichlorobenzene
Concen: 10.293 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

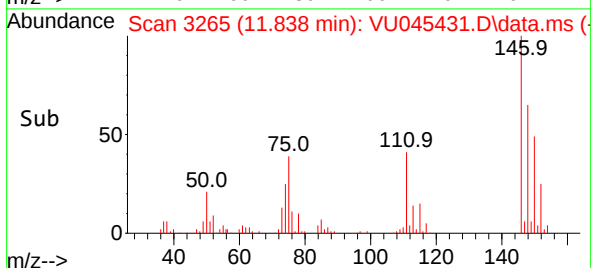
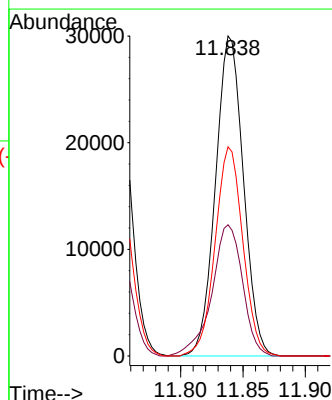
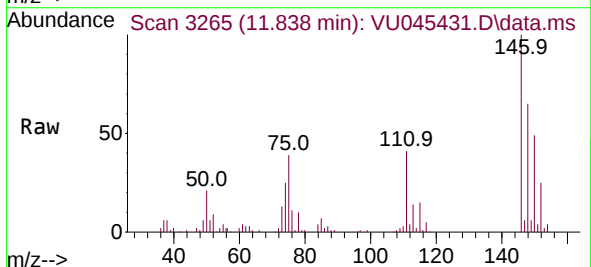
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

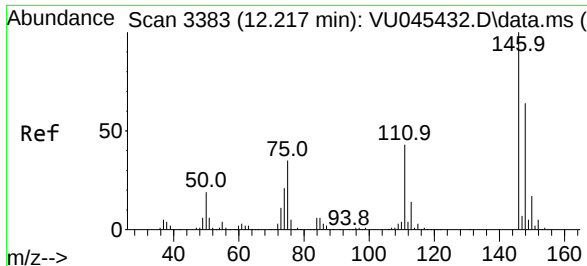
Tgt Ion:146 Resp: 45872
Ion Ratio Lower Upper
146 100
111 44.3 29.8 55.4
148 61.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 10.352 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:146 Resp: 46752
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.0
148 65.4 44.5 82.7

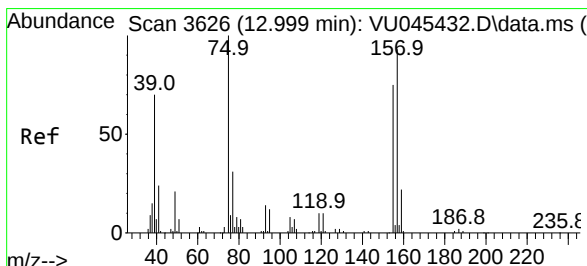
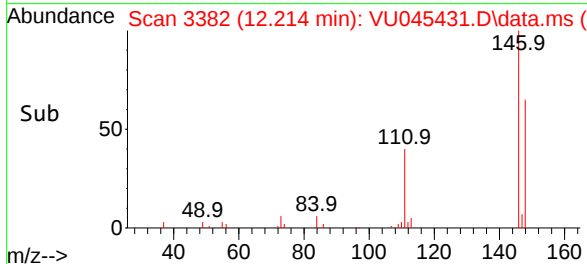
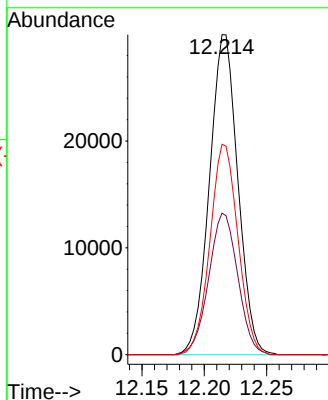
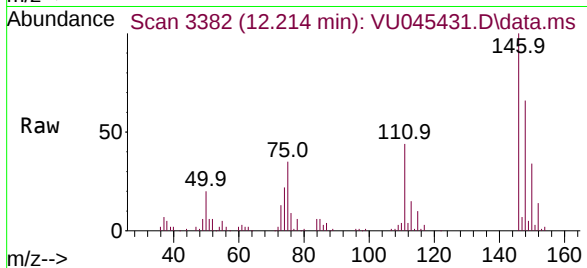




#67
1,2-Dichlorobenzene
Concen: 10.472 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

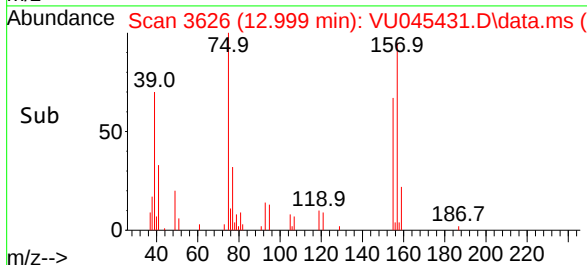
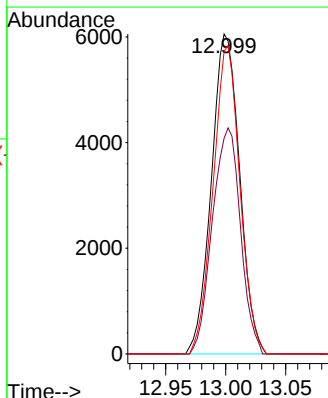
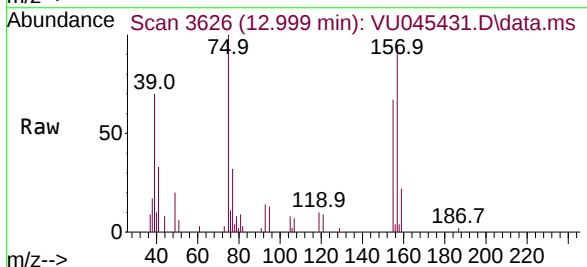
Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

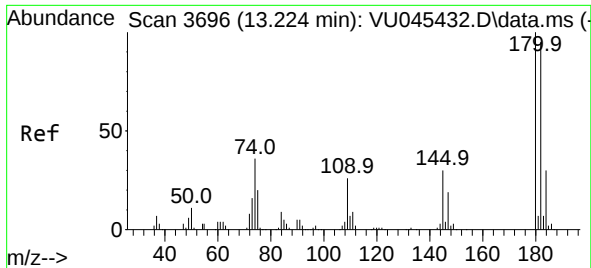
Tgt Ion:146 Resp: 47519
Ion Ratio Lower Upper
146 100
111 44.3 34.6 52.0
148 65.7 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 10.642 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion: 75 Resp: 9907
Ion Ratio Lower Upper
75 100
155 67.5 60.0 90.0
157 98.5 77.9 116.9



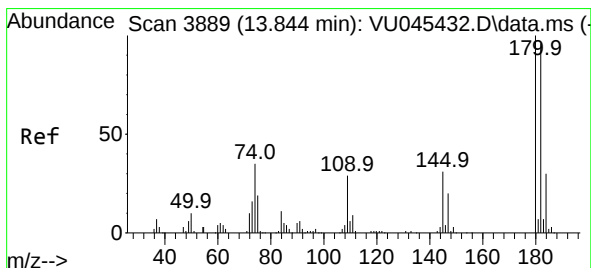
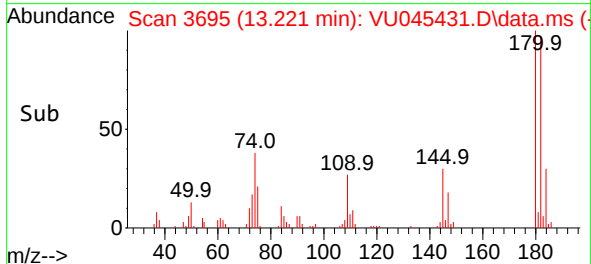
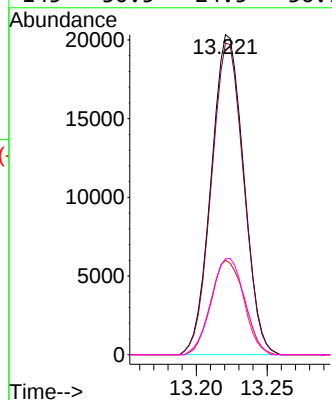
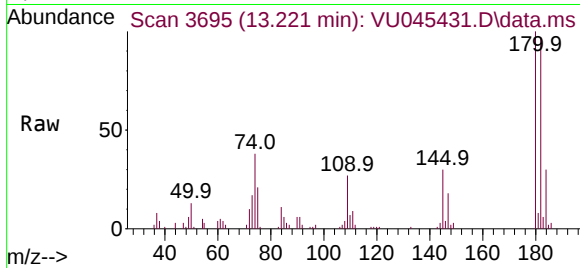


#69
1,3,5-Trichlorobenzene
Concen: 10.432 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.003 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

Tgt Ion:180 Resp: 32354

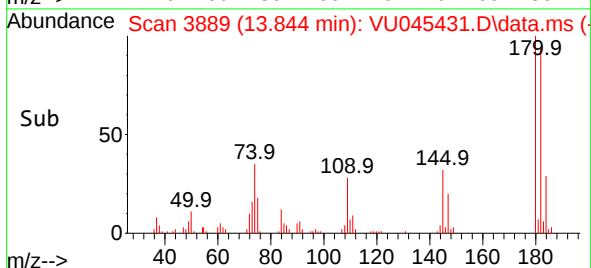
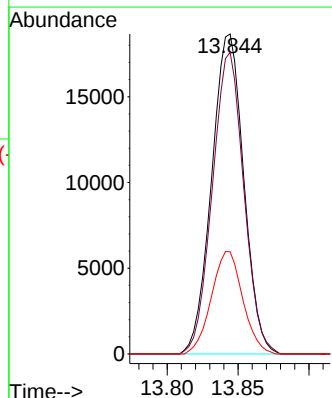
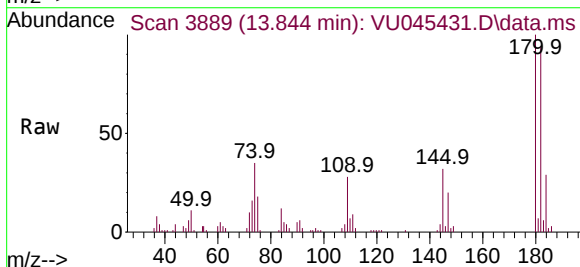
Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.6	114.8
184	30.4	23.9	35.9
145	30.5	24.5	36.7

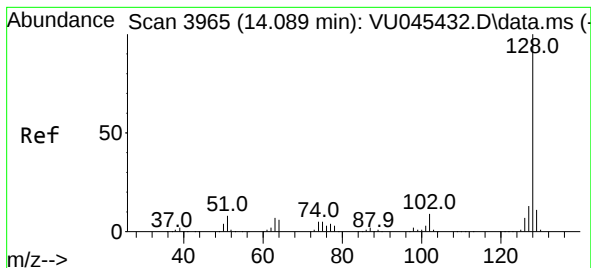


#70
1,2,4-trichlorobenzene
Concen: 11.141 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:180 Resp: 29377

Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.1	114.1
145	31.3	25.3	37.9

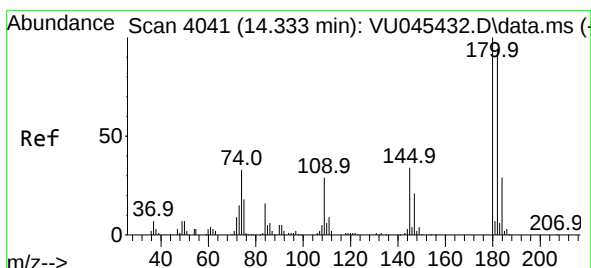
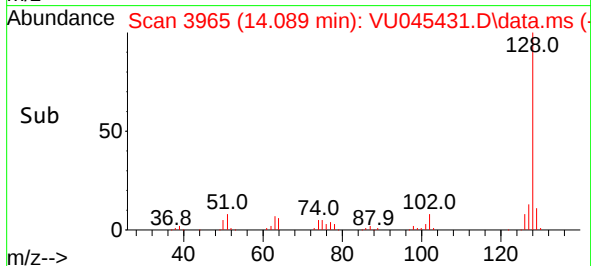
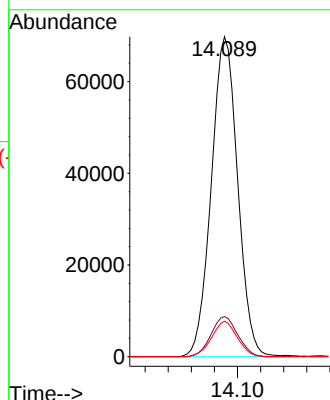
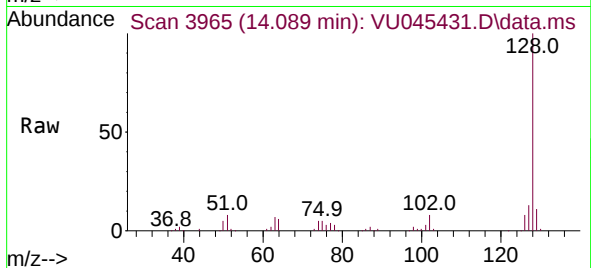




#71
Naphthalene
Concen: 12.166 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :
VSTD010026

Tgt Ion:128 Resp: 110604
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 11.423 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045431.D
Acq: 28 Oct 2021 10:54

Tgt Ion:180 Resp: 30240
Ion Ratio Lower Upper
180 100
182 95.8 75.7 113.5
145 34.2 27.0 40.4

