

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045519.D
 Acq On : 03 Nov 2021 13:15
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001029

Quant Time: Nov 09 07:07:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:04:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	158824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	160712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	14638	1.453	ug/L	0.00
7) Chloroethane-d5	1.919	69	8720	0.937	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	5607	1.170	ug/L	0.00
20) 2-Butanone-d5	4.652	46	38747	10.630	ug/L	0.01
24) Chloroform-d	5.070	84	23155	1.157	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	9162	0.787	ug/L	0.00
32) Benzene-d6	5.732	84	38510	0.912	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	15510	1.126	ug/L	0.00
41) Toluene-d8	7.899	98	42960	1.163	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6136	1.228	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	33369	10.598	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	14076	1.163	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	15601	1.215	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	14238	1.108	ug/L	99
3) Chloromethane	1.520	50	16972	1.105	ug/L	99
5) Vinyl chloride	1.607	62	15799	1.025	ug/L	99
6) Bromomethane	1.861	94	6670	0.848	ug/L	95
8) Chloroethane	1.938	64	7420	0.801	ug/L	99
9) Trichlorofluoromethane	2.144	101	13796	0.842	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	10604	0.999	ug/L	99
12) 1,1-Dichloroethene	2.588	96	9772	0.966	ug/L	94
13) Acetone	2.668	43	8113	3.283	ug/L #	35
14) Carbon disulfide	2.800	76	36051	1.090	ug/L	99
15) Methyl Acetate	2.967	43	6121	1.270	ug/L #	89
16) Methylene chloride	3.054	84	16219	1.053	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	28287	1.003	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	11093	1.018	ug/L	97
19) 1,1-Dichloroethane	3.877	63	20544	0.957	ug/L	96
21) 2-Butanone	4.732	43	33192	8.415	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	11150	0.984	ug/L	82
23) Bromochloromethane	4.983	128	4822	0.967	ug/L	99
25) Chloroform	5.092	83	20137	0.912	ug/L	99
27) 1,2-Dichloroethane	5.796	62	9436	0.639	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	12008	0.699	ug/L	95
30) Cyclohexane	5.395	56	13296	0.661	ug/L	94
31) Carbon tetrachloride	5.533	117	9911	0.733	ug/L	99
33) Benzene	5.780	78	35353	0.743	ug/L	100
34) Trichloroethene	6.546	95	11205	0.968	ug/L	95
35) Methylcyclohexane	6.767	83	19192	0.980	ug/L	99
37) 1,2-Dichloropropane	6.796	63	11893	0.939	ug/L	98
38) Bromodichloromethane	7.108	83	10191	0.671	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	15623	0.865	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	74760	7.779	ug/L	99
42) Toluene	7.973	91	48490	0.977	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	14627	0.952	ug/L	92

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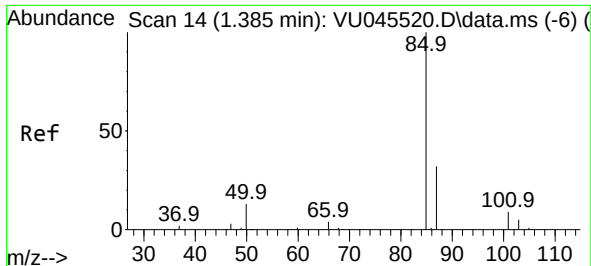
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	8761	0.968	ug/L	96
47) Tetrachloroethene	8.555	164	8266	1.008	ug/L	96
48) 2-Hexanone	8.690	43	59209	8.286	ug/L	97
49) Dibromochloromethane	8.812	129	8812	0.935	ug/L	97
50) 1,2-Dibromoethane	8.925	107	8333	0.986	ug/L	97
51) Chlorobenzene	9.449	112	29332	0.957	ug/L	98
52) Ethylbenzene	9.574	91	50149	0.940	ug/L	100
53) m,p-Xylene	9.697	106	19045	0.938	ug/L	100
54) o-Xylene	10.102	106	18641	0.960	ug/L	96
55) Styrene	10.118	104	29410	0.877	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	11441	0.949	ug/L	98
59) Bromoform	10.295	173	4501	0.984	ug/L	99
60) Isopropylbenzene	10.488	105	46862	1.007	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	8823	1.077	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	38064	0.963	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	37950	0.943	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	22108	1.009	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	22446	0.998	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	21814	1.050	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	1868	1.033	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	15855	0.949	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	13707	0.964	ug/L	99
71) Naphthalene	14.089	128	28009	0.971	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	13387	1.019	ug/L	98

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

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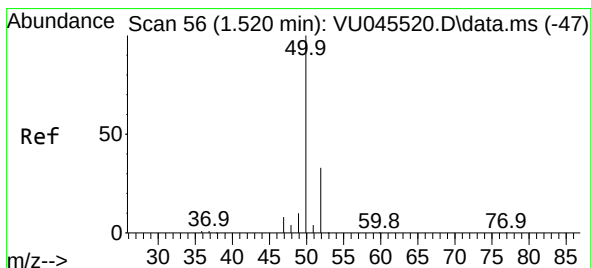
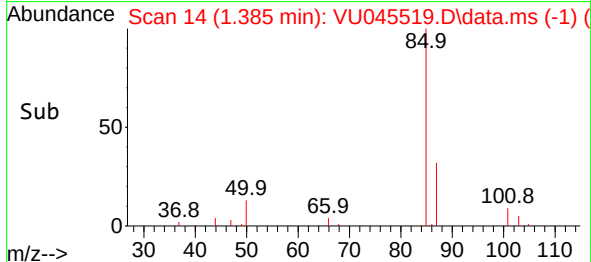
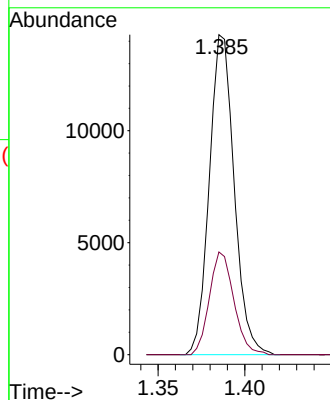
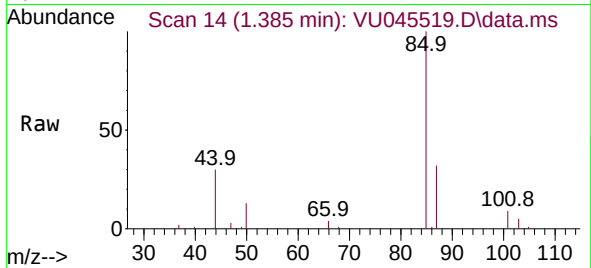




#2
Dichlorodifluoromethane
Concen: 1.108 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

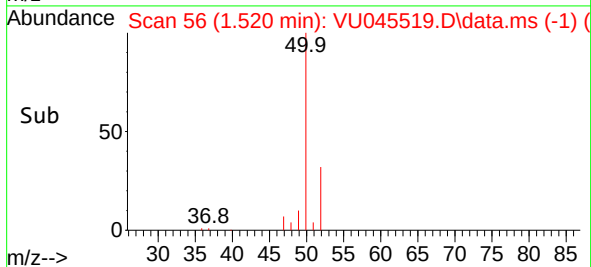
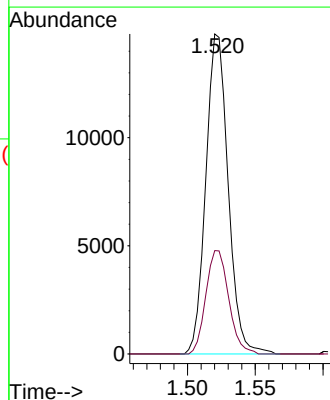
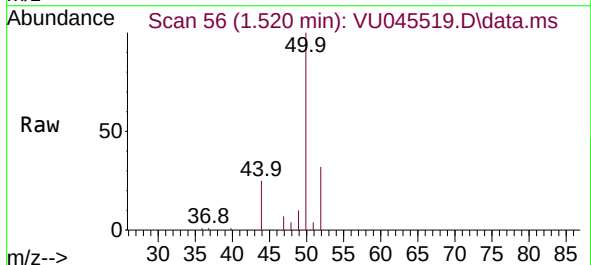
Instrument :
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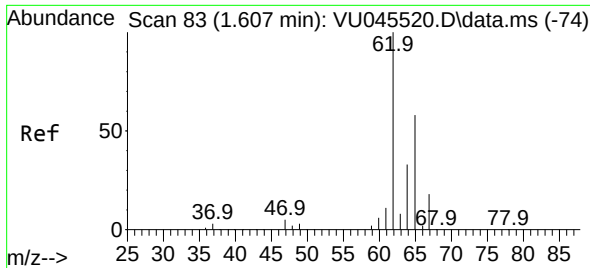
Tgt Ion: 85 Resp: 14238
Ion Ratio Lower Upper
85 100
87 31.5 25.6 38.4



#3
Chloromethane
Concen: 1.105 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion: 50 Resp: 16972
Ion Ratio Lower Upper
50 100
52 32.3 23.1 42.9

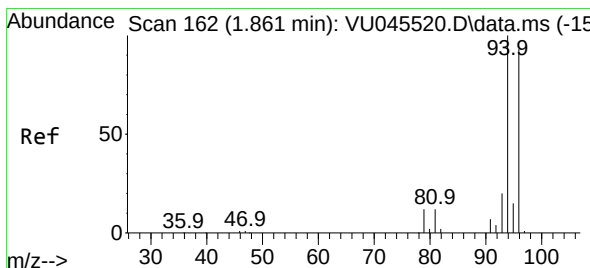
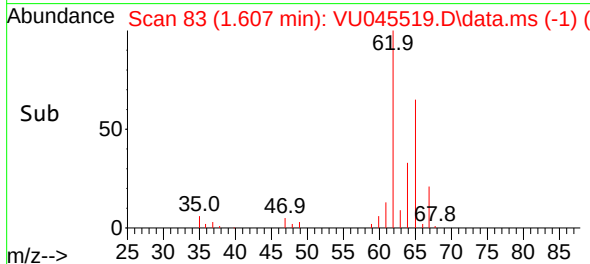
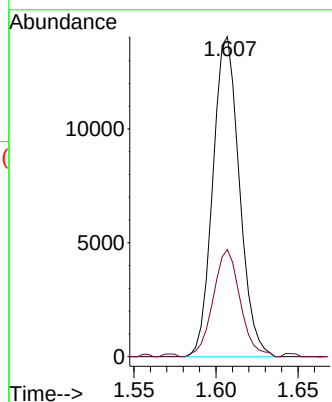
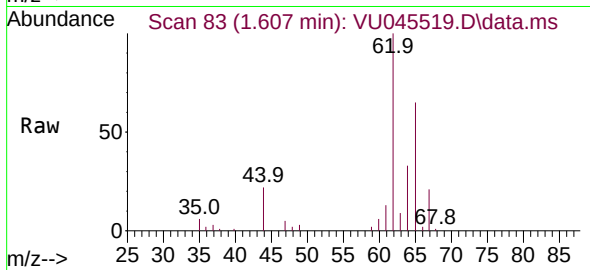




#5
 Vinyl chloride
 Concen: 1.025 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

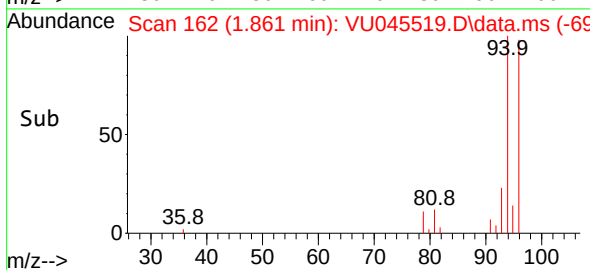
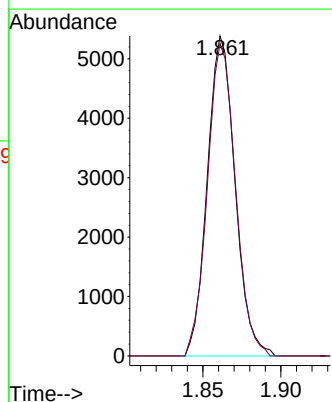
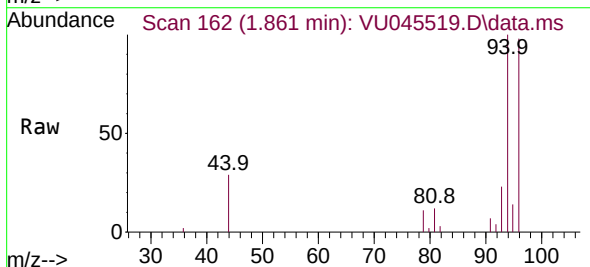
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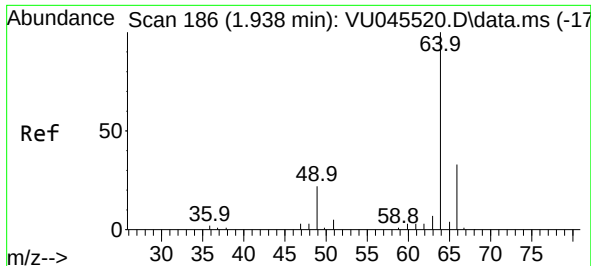
Tgt Ion: 62 Resp: 15799
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.0 42.6



#6
 Bromomethane
 Concen: 0.848 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

Tgt Ion: 94 Resp: 6670
 Ion Ratio Lower Upper
 94 100
 96 97.6 65.2 121.2

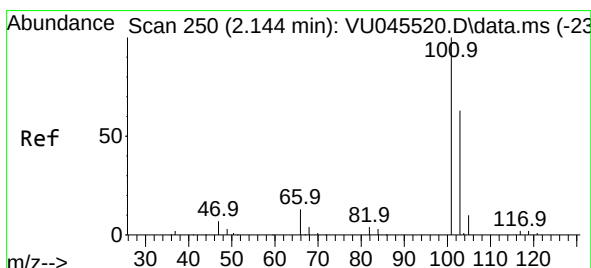
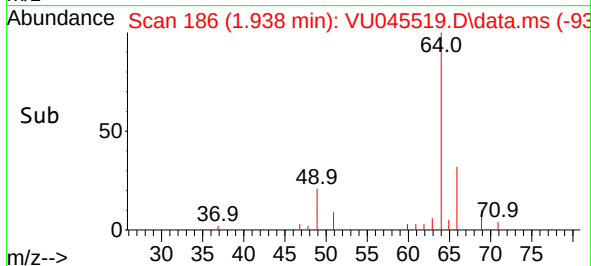
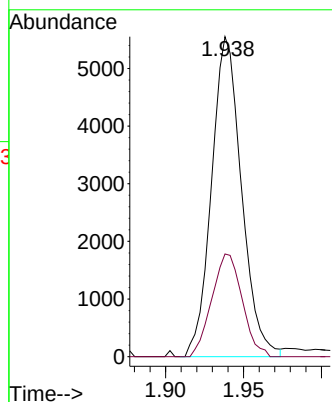
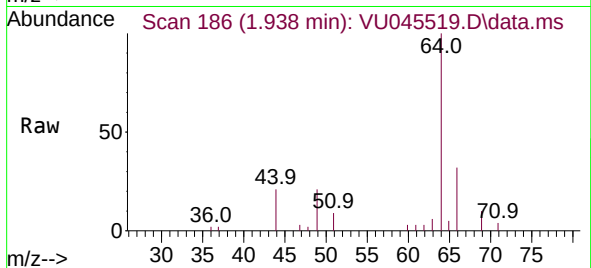




#8
Chloroethane
Concen: 0.801 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

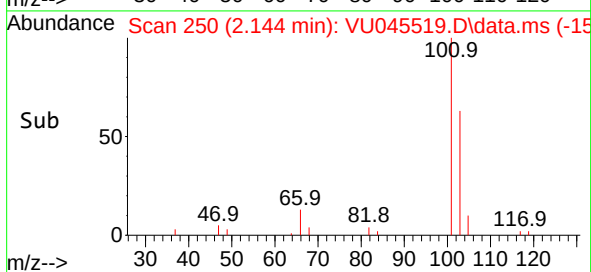
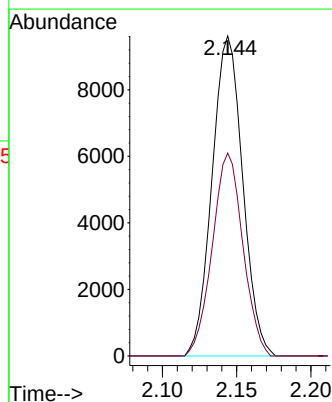
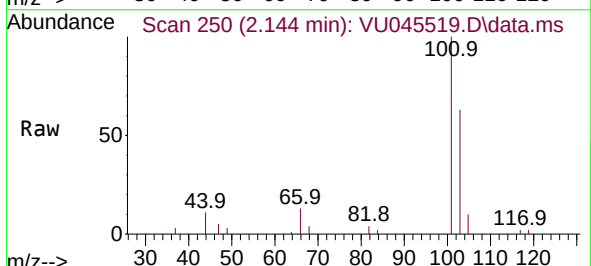
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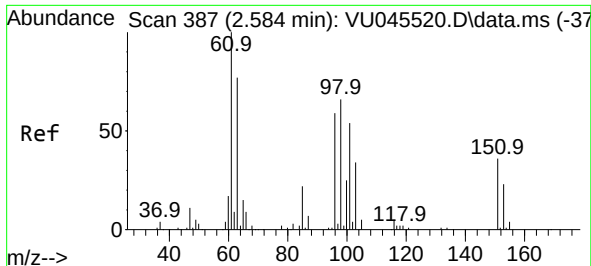
Tgt Ion: 64 Resp: 7420
Ion Ratio Lower Upper
64 100
66 32.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 0.842 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion:101 Resp: 13796
Ion Ratio Lower Upper
101 100
103 63.2 51.9 77.9

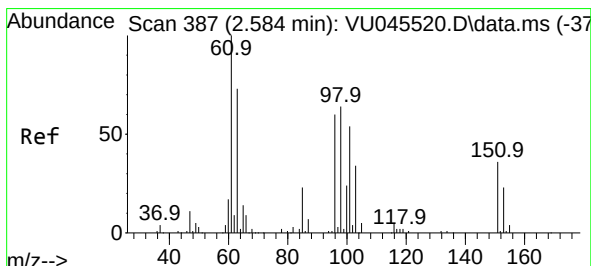
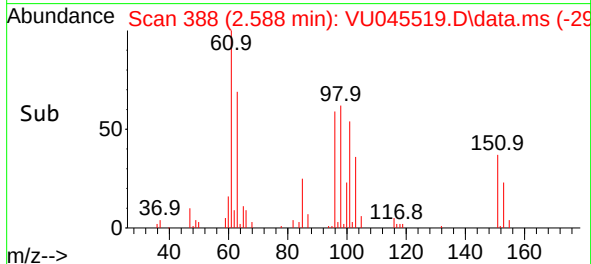
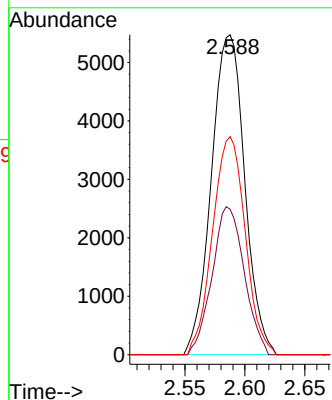
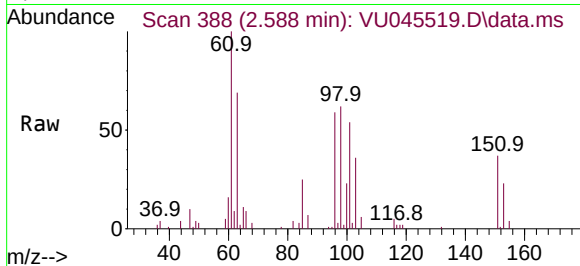




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.999 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

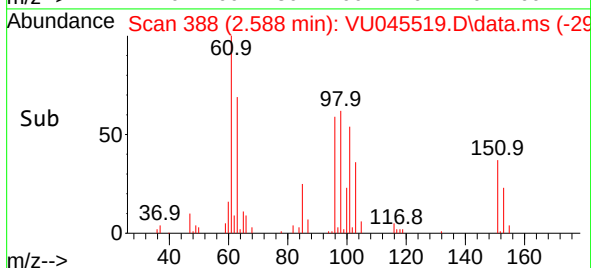
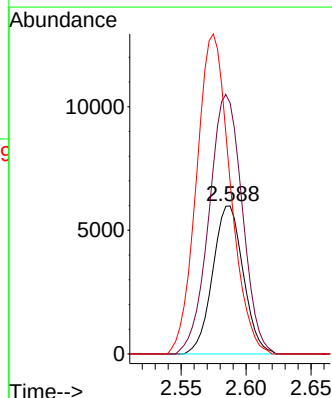
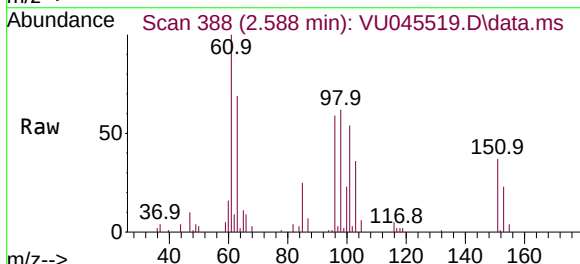
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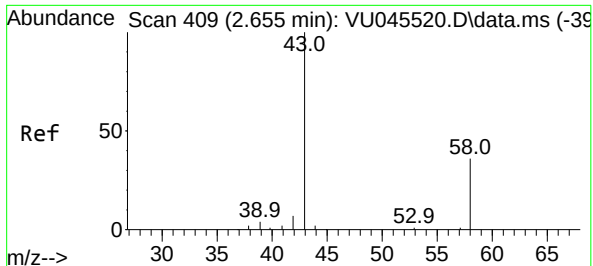
Tgt Ion:101 Resp: 10604
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.0 51.0
 151 66.7 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 0.966 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

Tgt Ion: 96 Resp: 9772
 Ion Ratio Lower Upper
 96 100
 61 169.5 118.4 219.8
 63 116.2 92.0 170.8

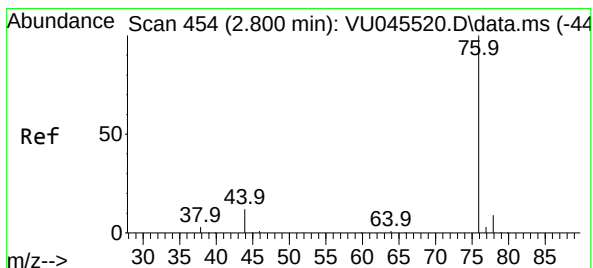
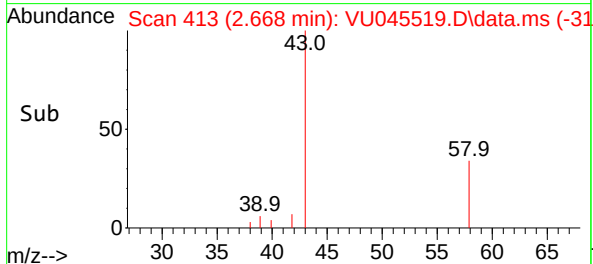
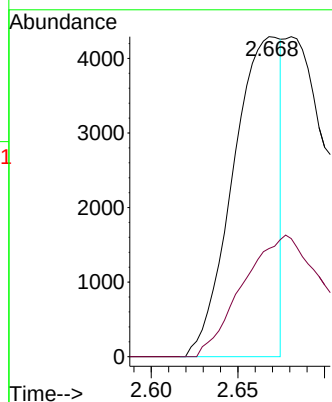
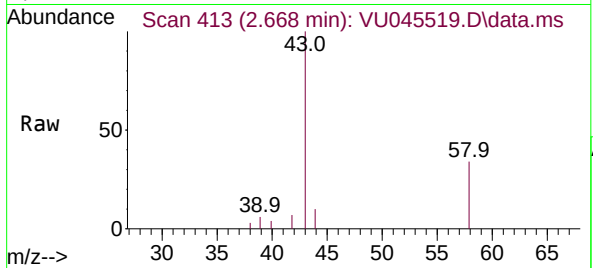




#13
Acetone
Concen: 3.283 ug/L
RT: 2.668 min Scan# 411
Delta R.T. 0.013 min
Lab File: VU045519.D
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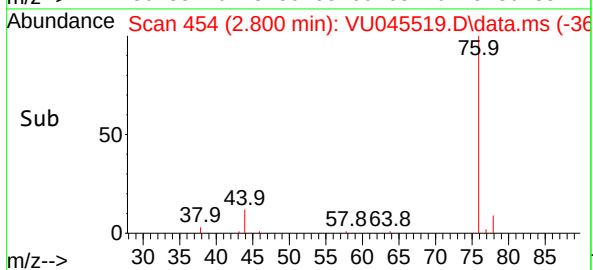
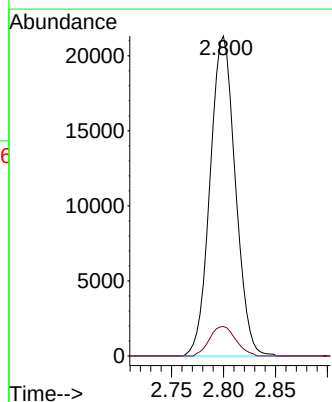
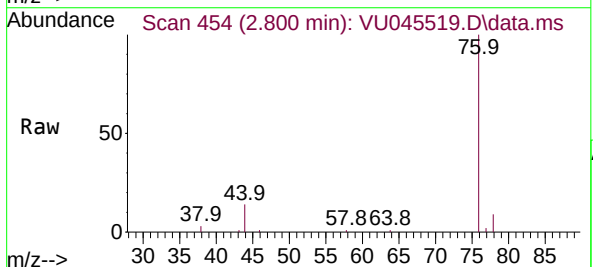
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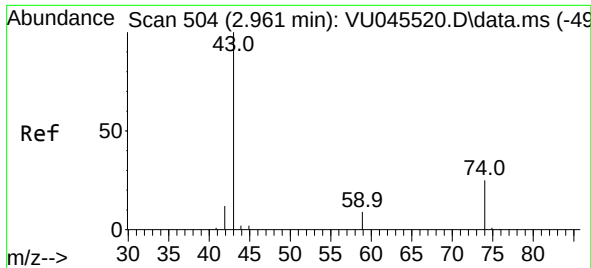
Tgt Ion: 43 Resp: 8113
Ion Ratio Lower Upper
43 100
58 72.7 0.0 70.2#



#14
Carbon disulfide
Concen: 1.090 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion: 76 Resp: 36051
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

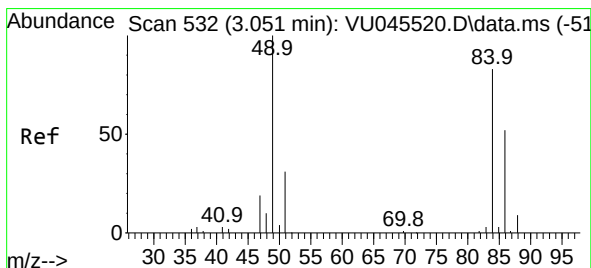
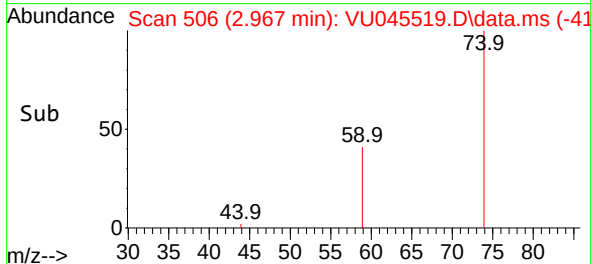
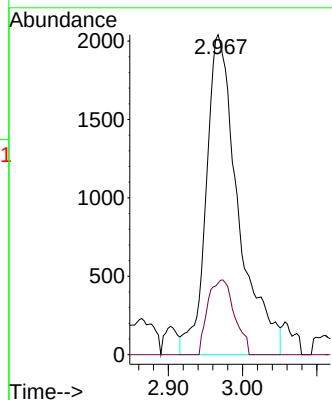
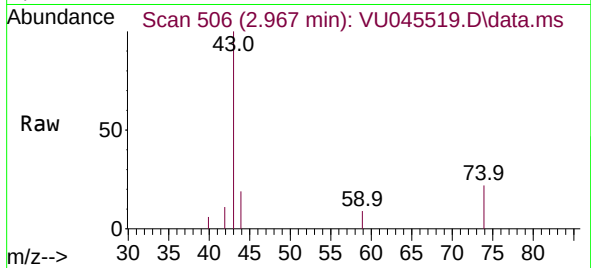




#15
Methyl Acetate
Concen: 1.270 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

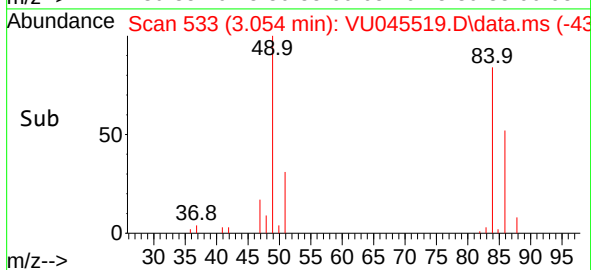
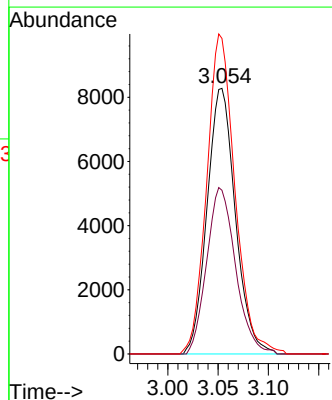
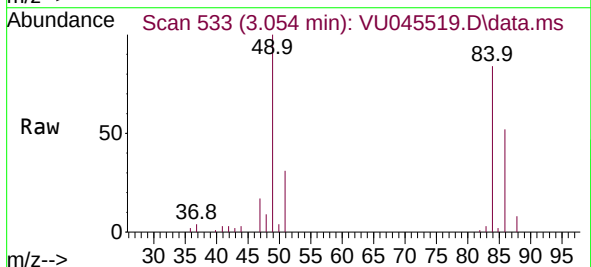
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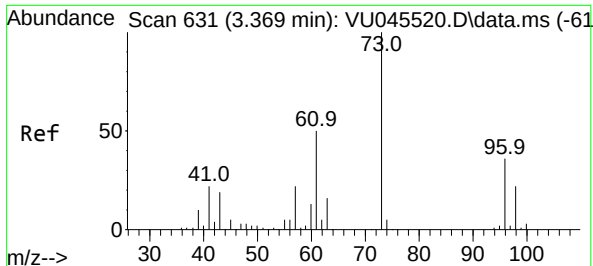
Tgt Ion: 43 Resp: 6121
Ion Ratio Lower Upper
43 100
74 19.4 20.0 30.0#



#16
Methylene chloride
Concen: 1.053 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion: 84 Resp: 16219
Ion Ratio Lower Upper
84 100
86 61.6 43.8 81.3
49 118.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 1.003 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD001029

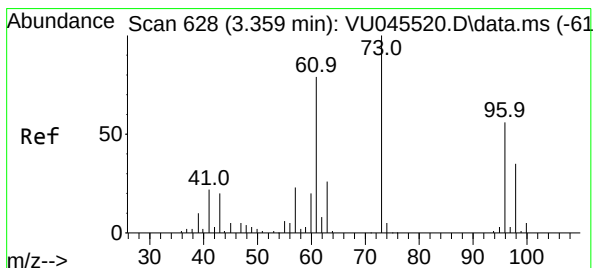
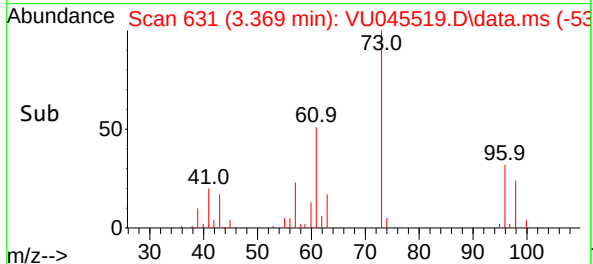
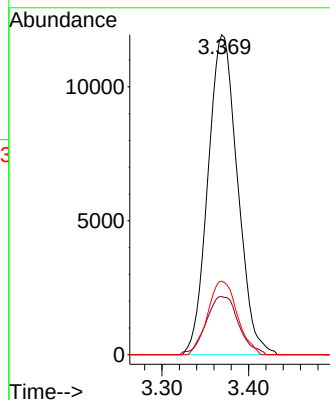
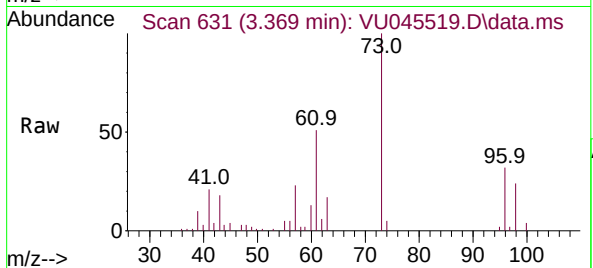
Tgt Ion: 73 Resp: 28287

Ion Ratio Lower Upper

73 100

43 20.0 15.8 23.6

57 23.0 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 1.018 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.003 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

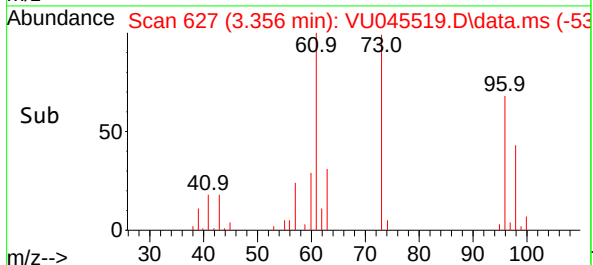
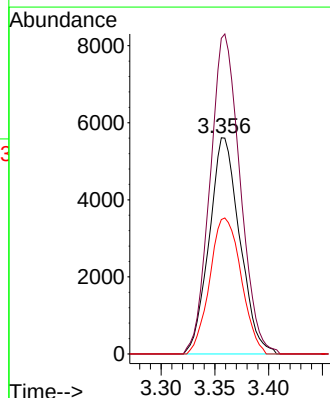
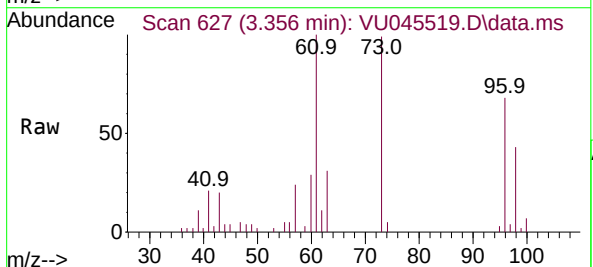
Tgt Ion: 96 Resp: 11093

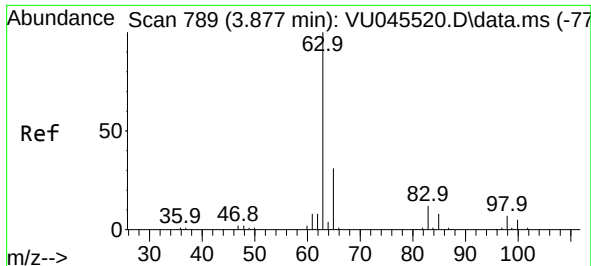
Ion Ratio Lower Upper

96 100

61 146.0 98.3 182.7

98 62.2 43.0 79.8





#19

1,1-Dichloroethane

Concen: 0.957 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD001029

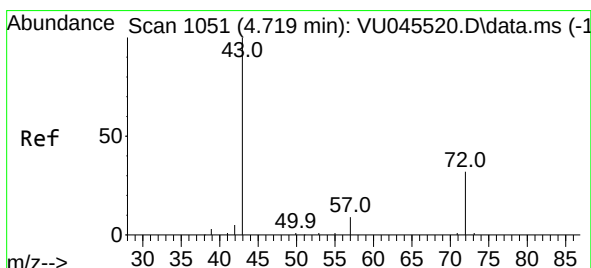
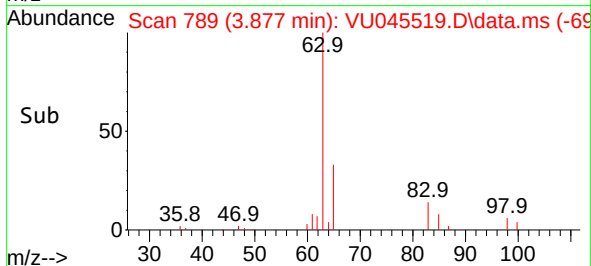
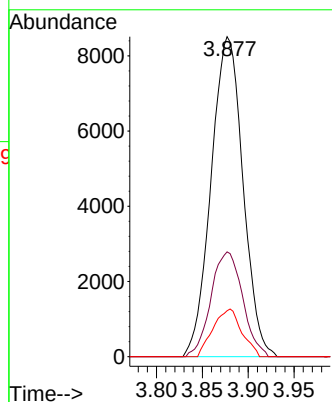
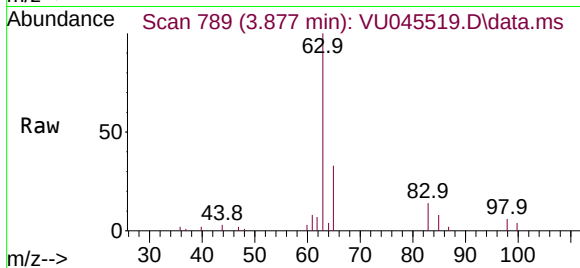
Tgt Ion: 63 Resp: 20544

Ion Ratio Lower Upper

63 100

65 32.8 21.5 39.9

83 14.4 8.4 15.6



#21

2-Butanone

Concen: 8.415 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.013 min

Lab File: VU045519.D

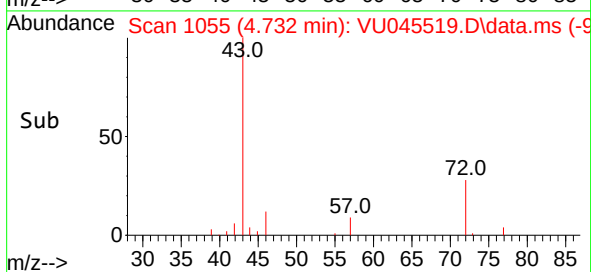
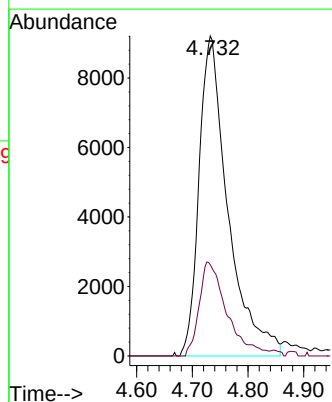
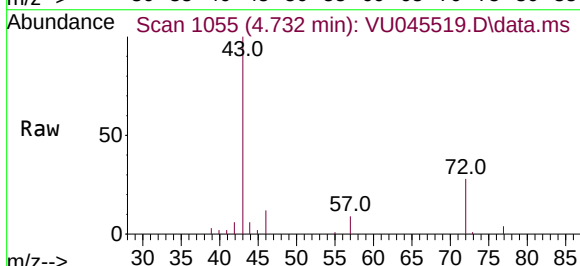
Acq: 03 Nov 2021 13:15

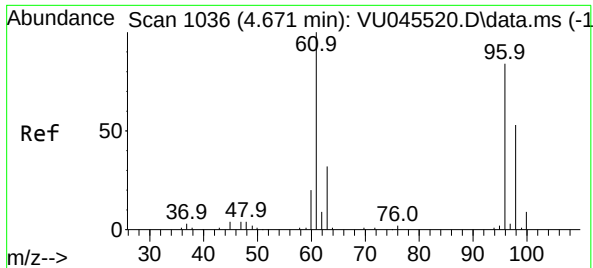
Tgt Ion: 43 Resp: 33192

Ion Ratio Lower Upper

43 100

72 28.1 15.8 47.3

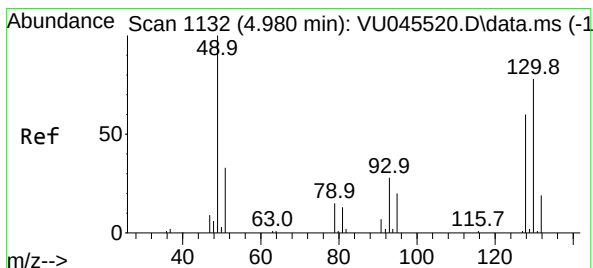
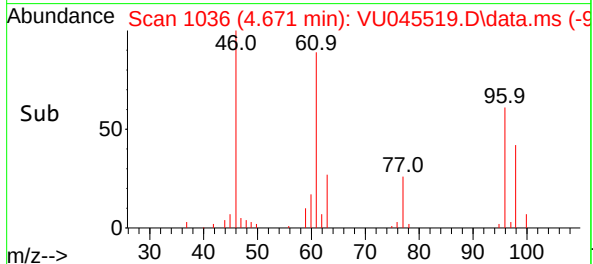
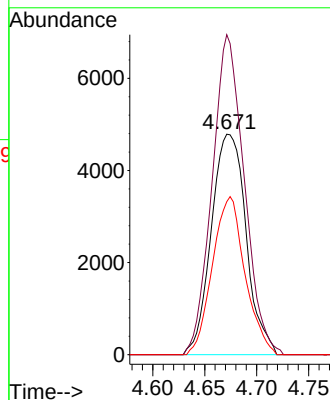
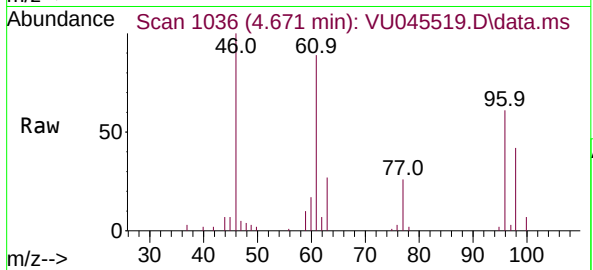




#22
 cis-1,2-Dichloroethene
 Concen: 0.984 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

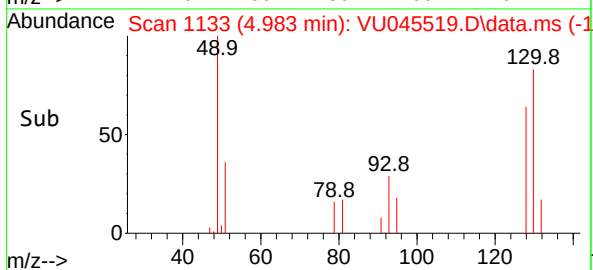
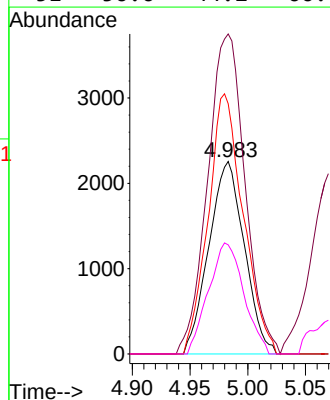
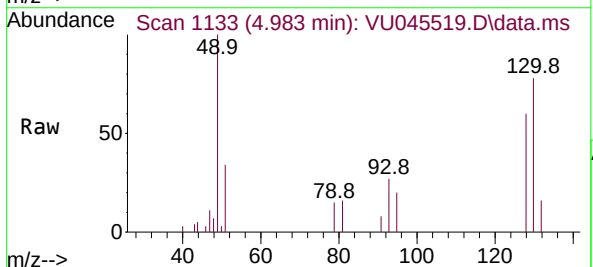
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001029

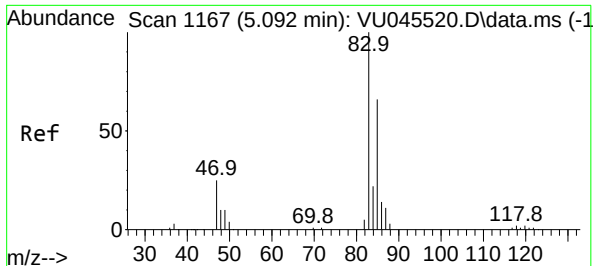
Tgt Ion:	96	Resp:	11150
Ion	Ratio	Lower	Upper
96	100		
61	145.2	83.4	155.0
98	69.4	44.0	81.8



#23
 Bromochloromethane
 Concen: 0.967 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

Tgt Ion:	128	Resp:	4822
Ion	Ratio	Lower	Upper
128	100		
49	166.2	117.6	218.4
130	130.0	92.2	171.2
51	56.6	44.2	66.4





#25

Chloroform

Concen: 0.912 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

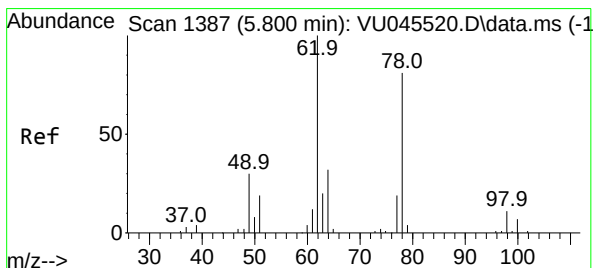
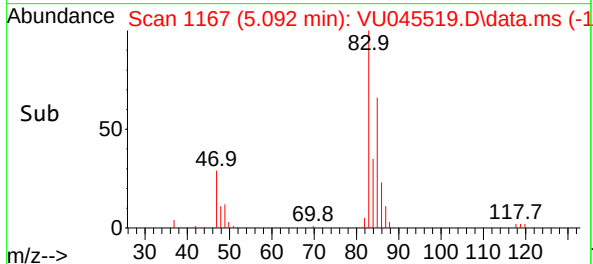
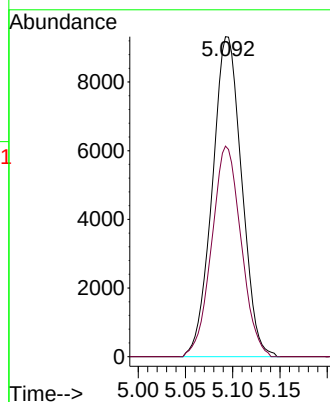
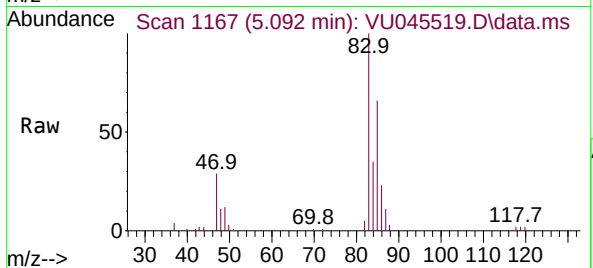
VSTD001029

Tgt Ion: 83 Resp: 20137

Ion Ratio Lower Upper

83 100

85 65.8 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.639 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045519.D

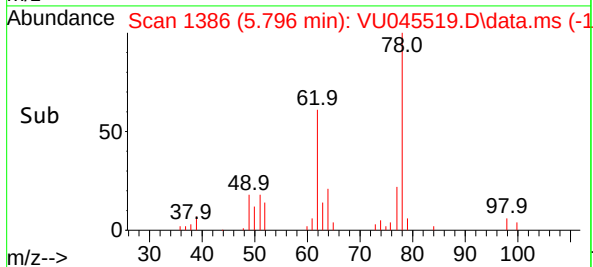
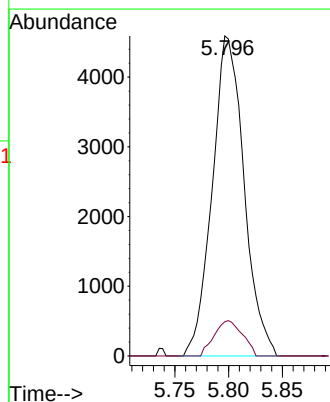
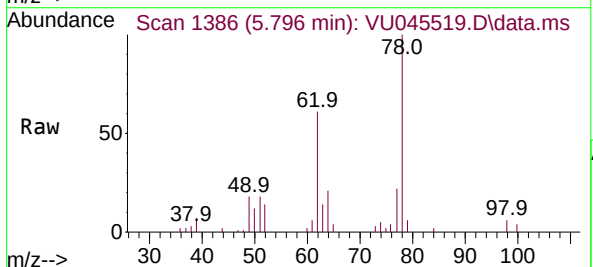
Acq: 03 Nov 2021 13:15

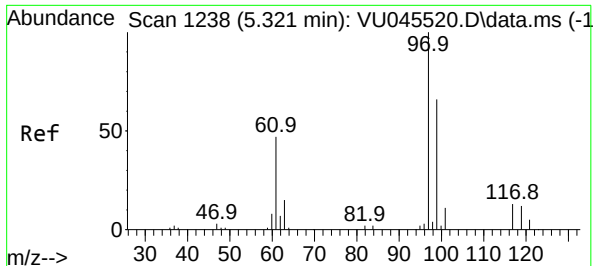
Tgt Ion: 62 Resp: 9436

Ion Ratio Lower Upper

62 100

98 10.7 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 0.699 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD001029

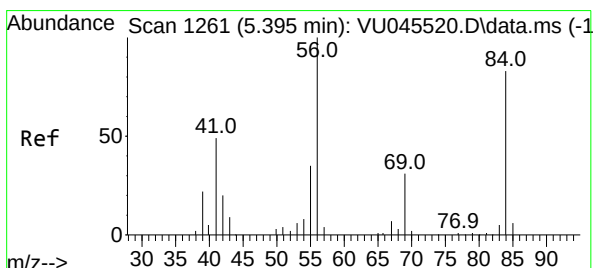
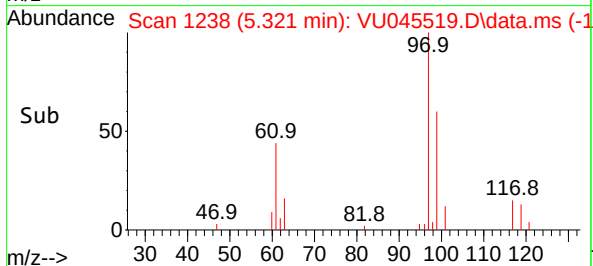
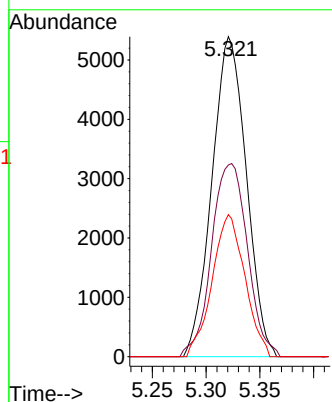
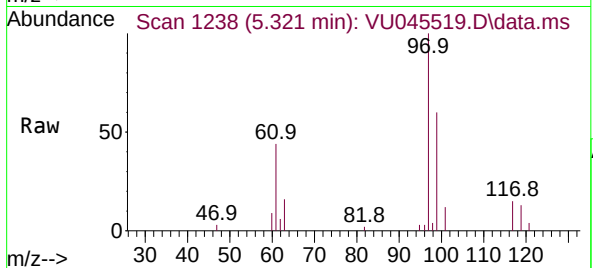
Tgt Ion: 97 Resp: 12008

Ion Ratio Lower Upper

97 100

99 63.0 52.6 79.0

61 42.2 37.1 55.7



#30

Cyclohexane

Concen: 0.661 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

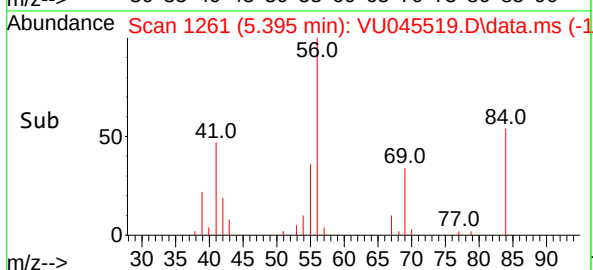
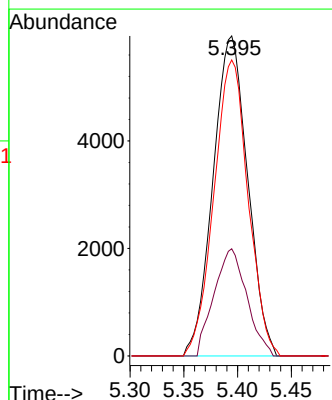
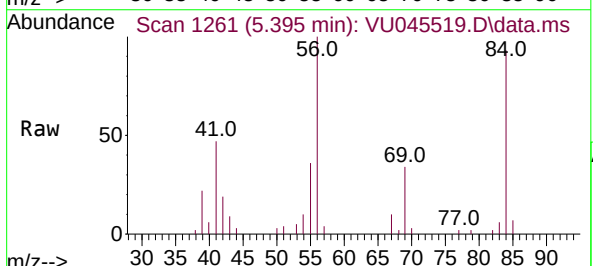
Tgt Ion: 56 Resp: 13296

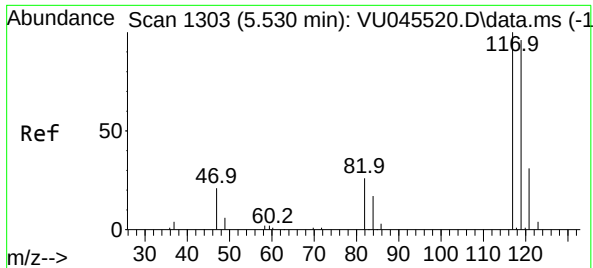
Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.2

84 91.4 68.3 102.5

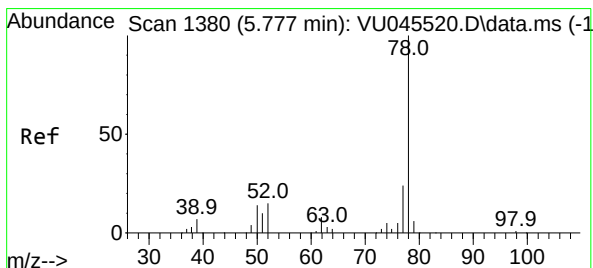
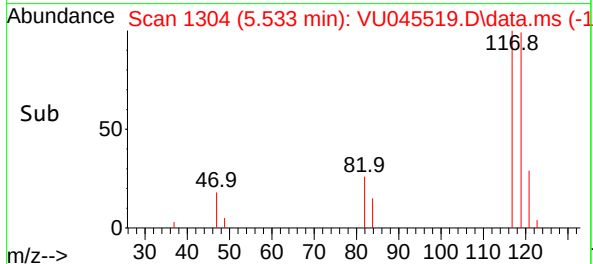
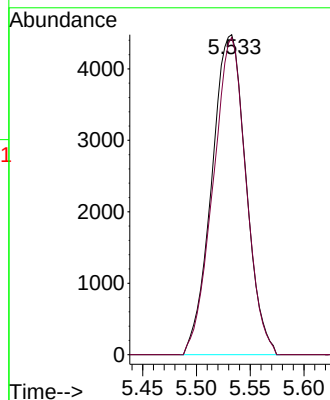
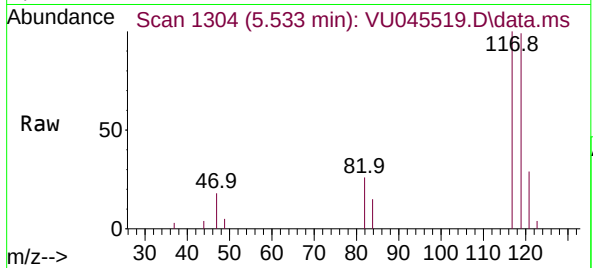




#31
Carbon tetrachloride
Concen: 0.733 ug/L
RT: 5.533 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

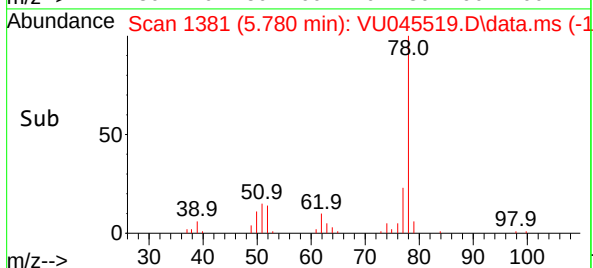
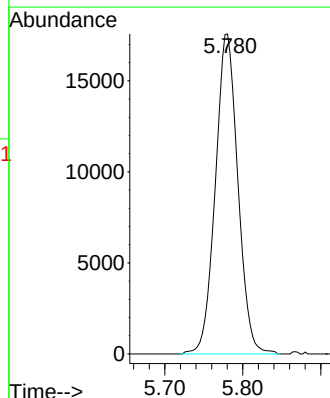
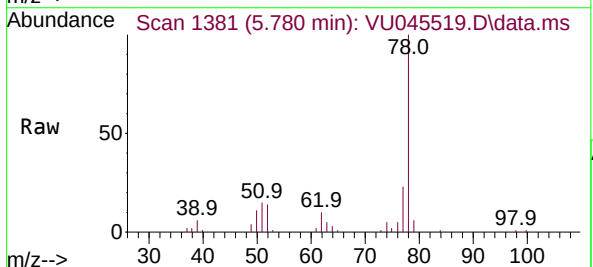
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

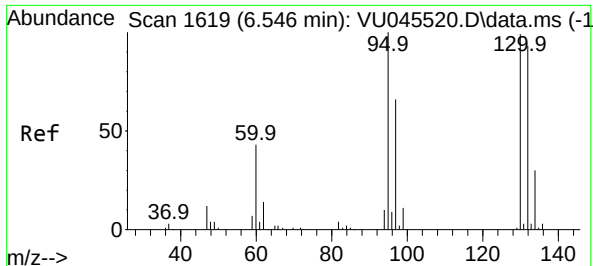
Tgt Ion:117 Resp: 9911
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 0.743 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion: 78 Resp: 35353

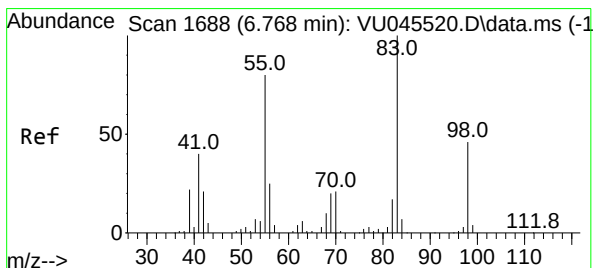
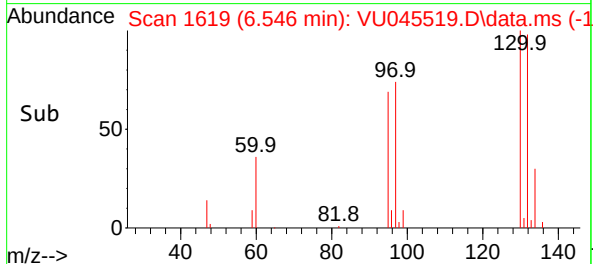
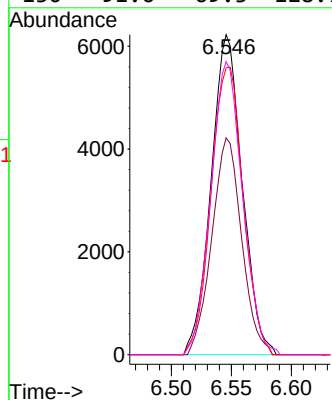
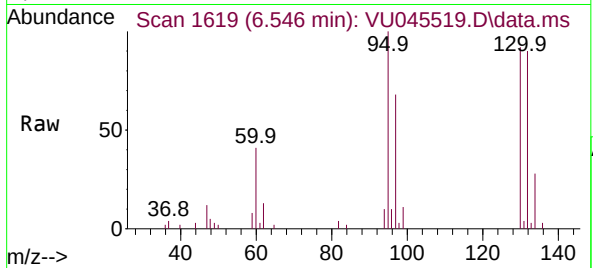




#34
Trichloroethene
Concen: 0.968 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

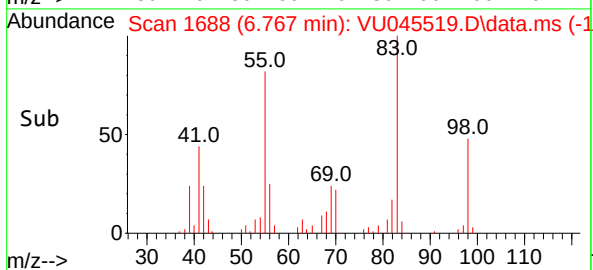
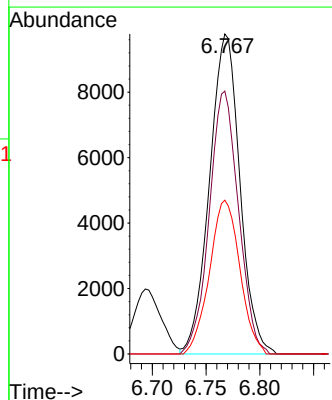
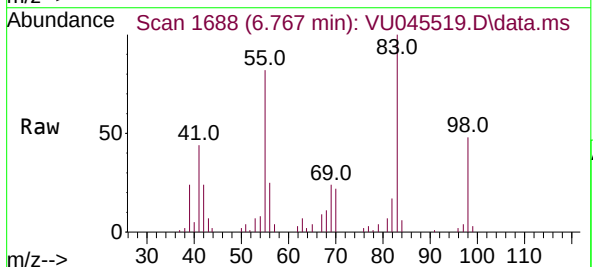
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

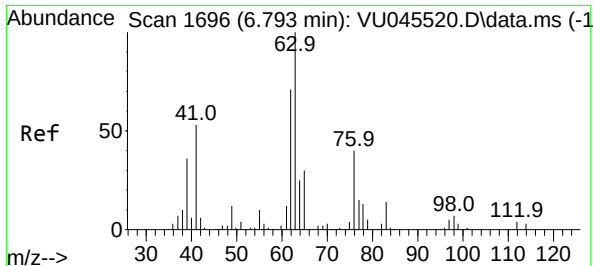
Tgt Ion: 95 Resp: 11205
Ion Ratio Lower Upper
95 100
97 67.7 46.5 86.3
132 89.6 65.4 121.4
130 91.6 69.3 128.7



#35
Methylcyclohexane
Concen: 0.980 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion: 83 Resp: 19192
Ion Ratio Lower Upper
83 100
55 79.1 63.9 95.9
98 48.1 37.4 56.2





#37

1,2-Dichloropropane

Concen: 0.939 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

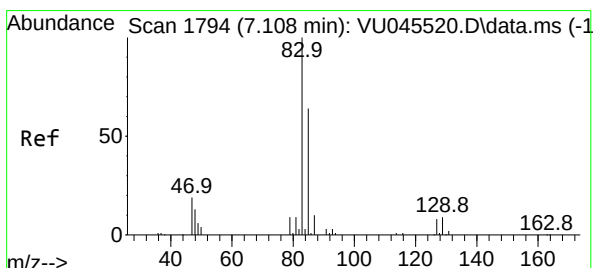
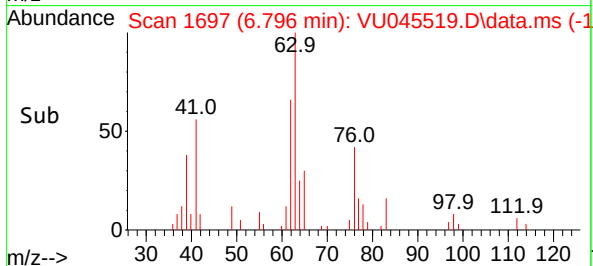
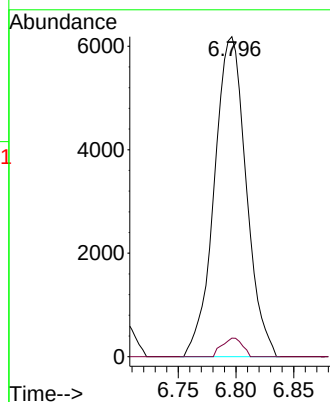
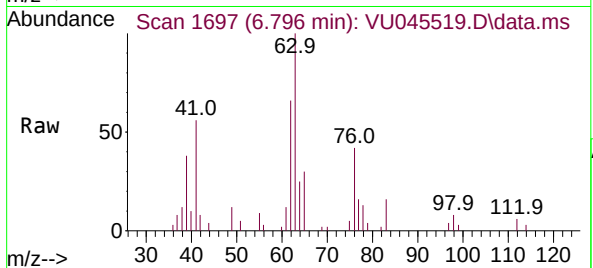
VSTD001029

Tgt Ion: 63 Resp: 11893

Ion Ratio Lower Upper

63 100

112 3.6 3.5 5.3



#38

Bromodichloromethane

Concen: 0.671 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

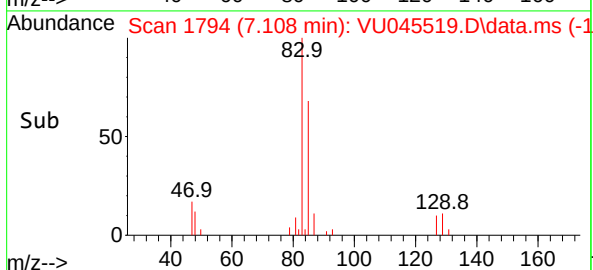
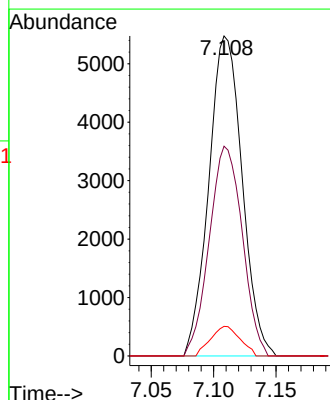
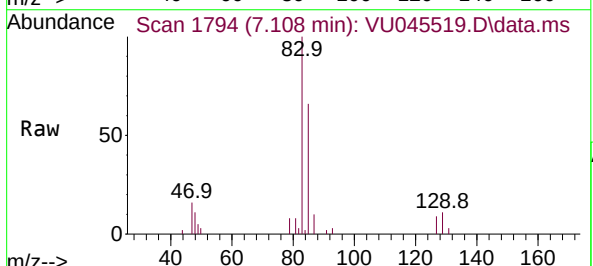
Tgt Ion: 83 Resp: 10191

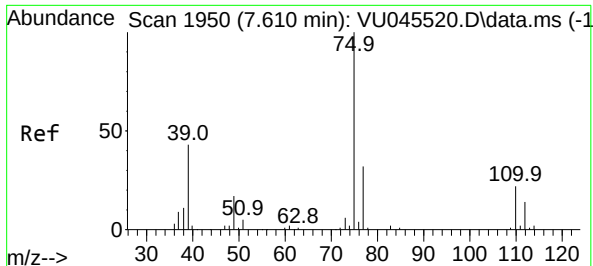
Ion Ratio Lower Upper

83 100

85 65.6 44.7 82.9

127 9.3 6.2 9.4

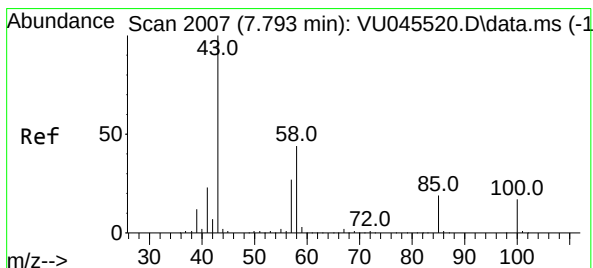
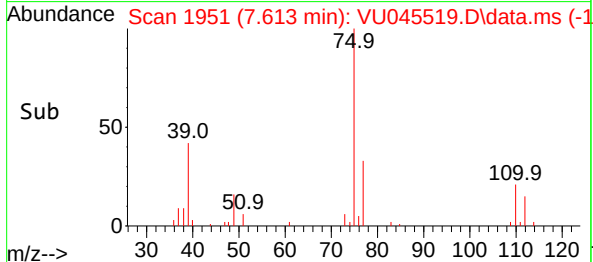
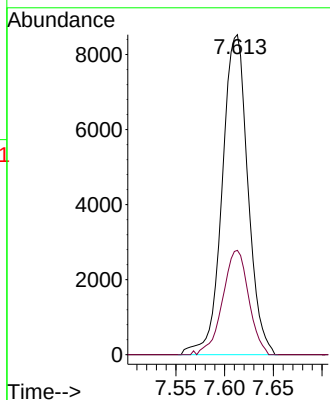
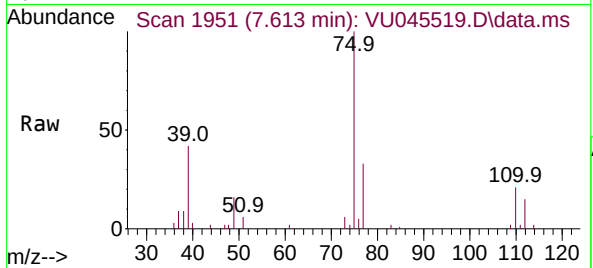




#39
 cis-1,3-Dichloropropene
 Concen: 0.865 ug/L
 RT: 7.613 min Scan# 1950
 Delta R.T. 0.003 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

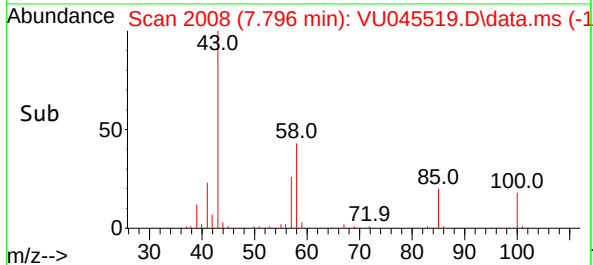
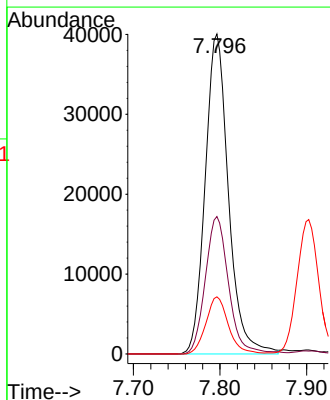
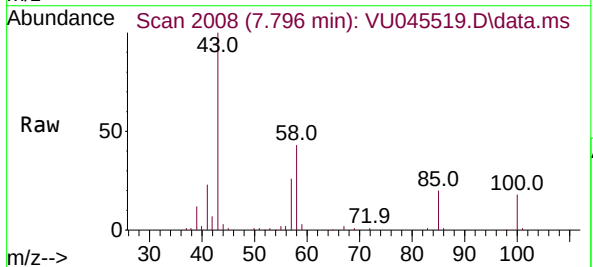
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001029

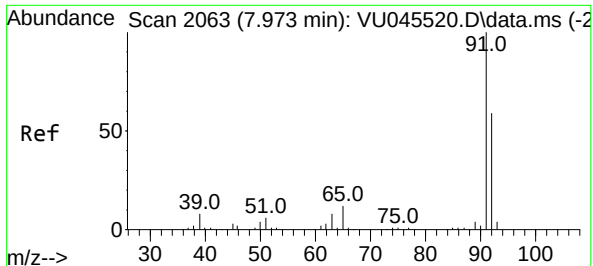
Tgt Ion: 75 Resp: 15623
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 7.779 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.003 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

Tgt Ion: 43 Resp: 74760
 Ion Ratio Lower Upper
 43 100
 58 43.2 35.0 52.6
 100 17.3 13.6 20.4

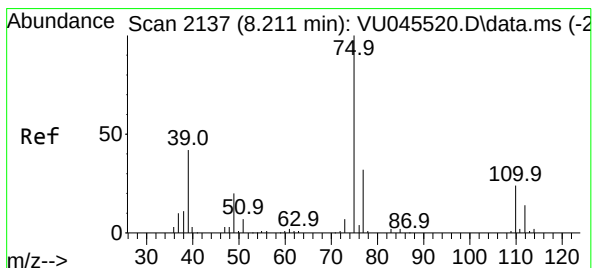
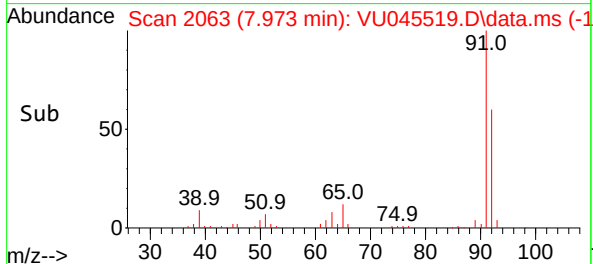
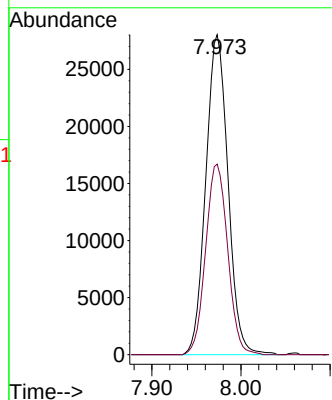
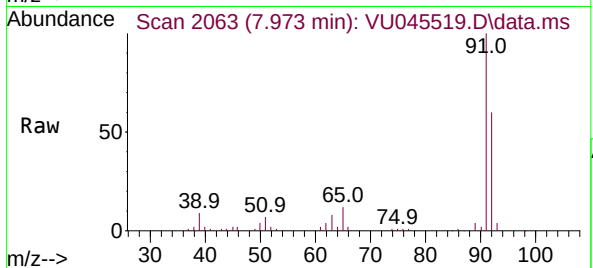




#42
Toluene
Concen: 0.977 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

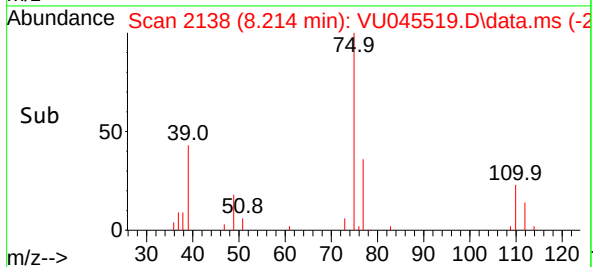
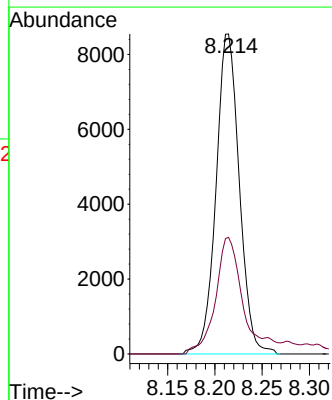
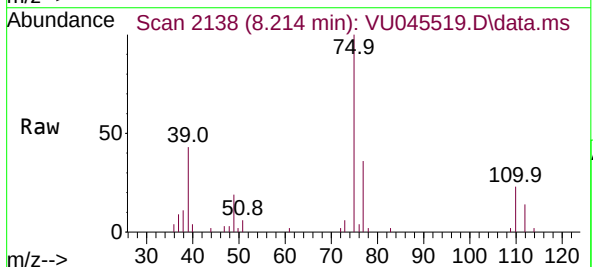
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

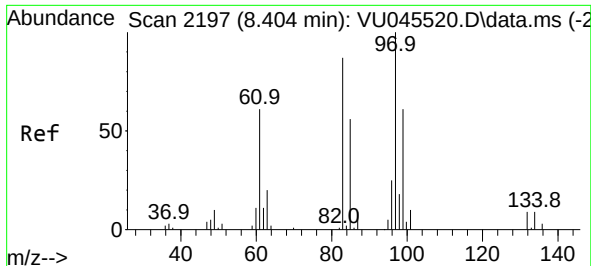
Tgt Ion: 91 Resp: 48490
Ion Ratio Lower Upper
91 100
92 59.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 0.952 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion: 75 Resp: 14627
Ion Ratio Lower Upper
75 100
77 36.5 22.5 41.7

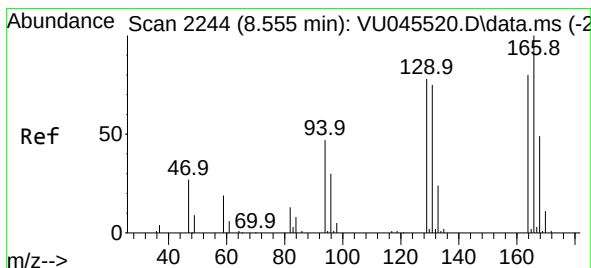
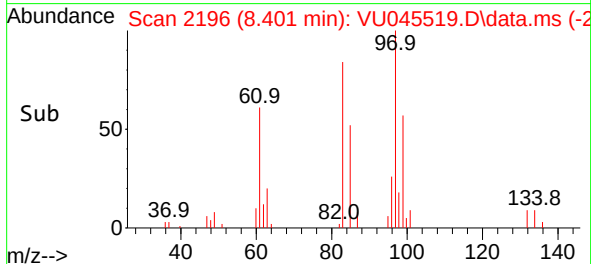
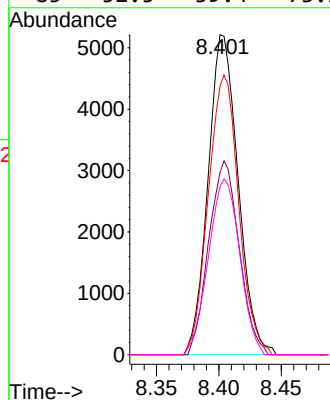
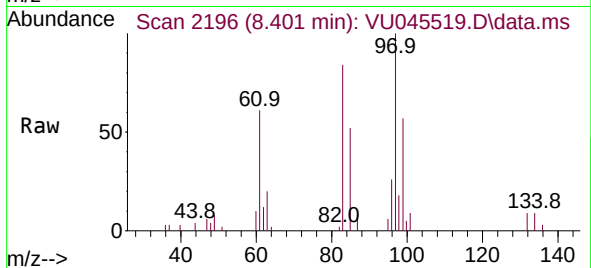




#45
1,1,2-Trichloroethane
Concen: 0.968 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

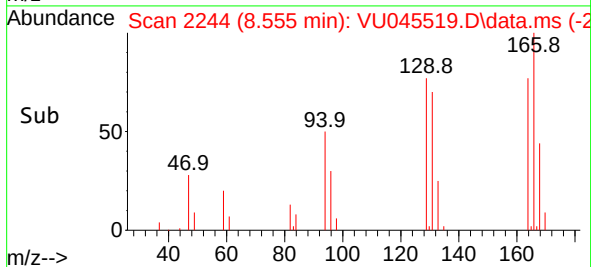
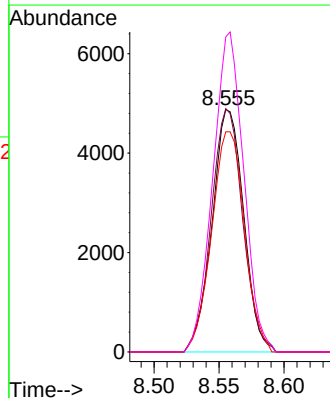
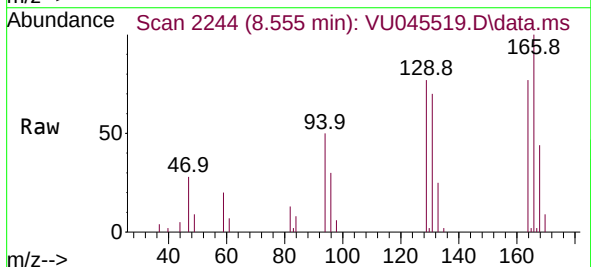
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

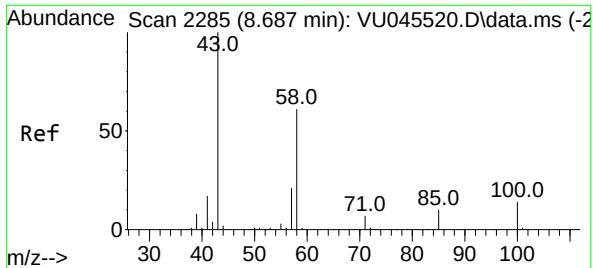
Tgt Ion:	97	Resp:	8761
Ion	Ratio	Lower	Upper
97	100		
99	57.0	42.4	78.6
83	84.0	60.6	112.6
85	52.5	39.4	73.2



#47
Tetrachloroethene
Concen: 1.008 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion:	164	Resp:	8266
Ion	Ratio	Lower	Upper
164	100		
129	100.4	68.1	126.5
131	90.8	65.3	121.3
166	130.0	87.3	162.1

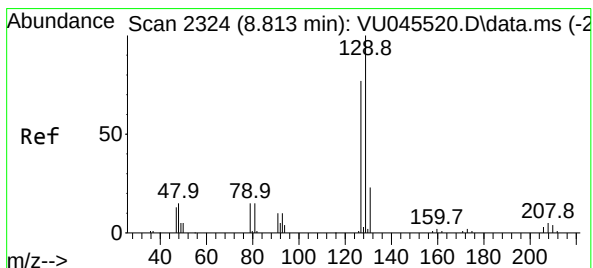
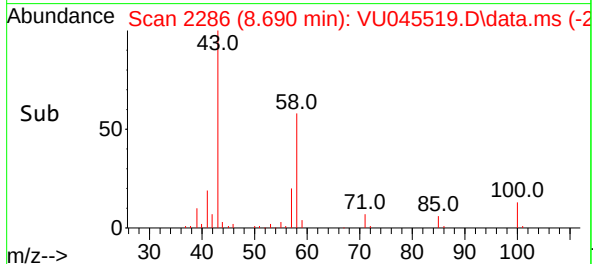
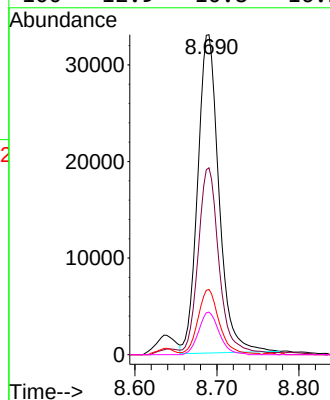
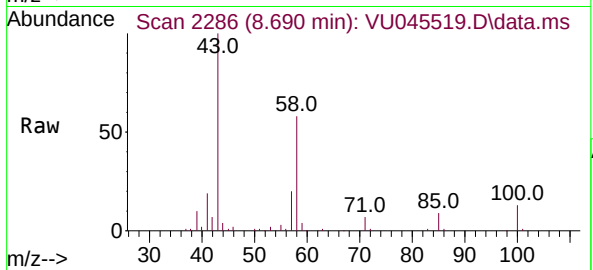




#48
2-Hexanone
Concen: 8.286 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

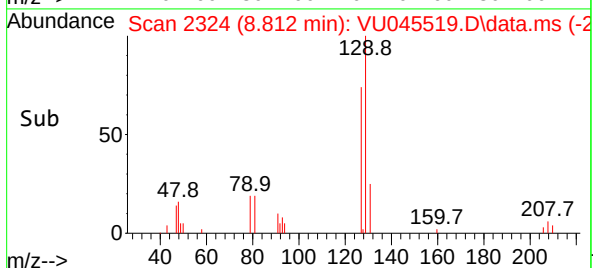
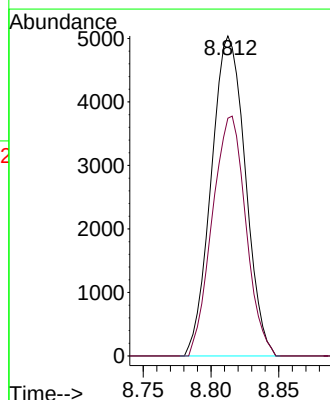
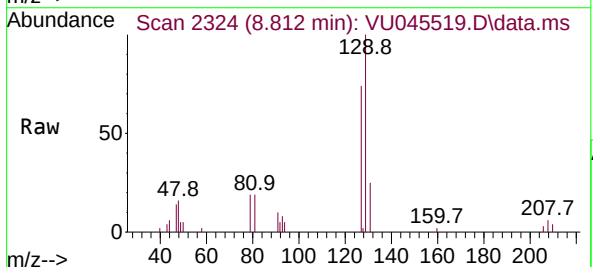
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

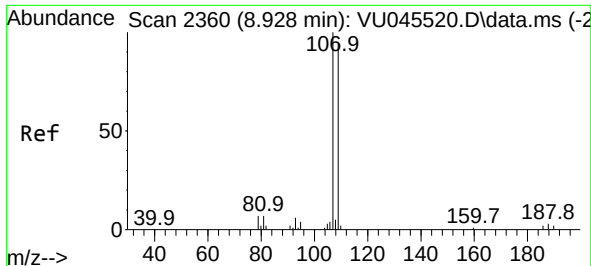
Tgt Ion:	43	Resp:	59209
Ion	Ratio	Lower	Upper
43	100		
58	56.8	47.7	71.5
57	20.8	16.6	25.0
100	12.9	10.8	16.2



#49
Dibromochloromethane
Concen: 0.935 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion:	129	Resp:	8812
Ion	Ratio	Lower	Upper
129	100		
127	74.3	53.6	99.6





#50

1,2-Dibromoethane

Concen: 0.986 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD001029

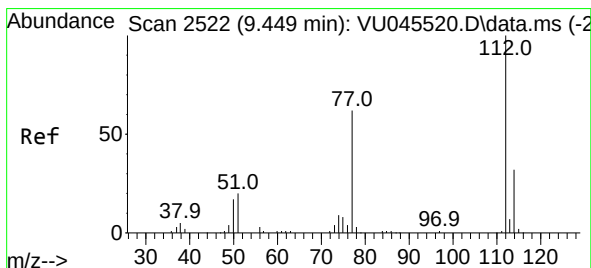
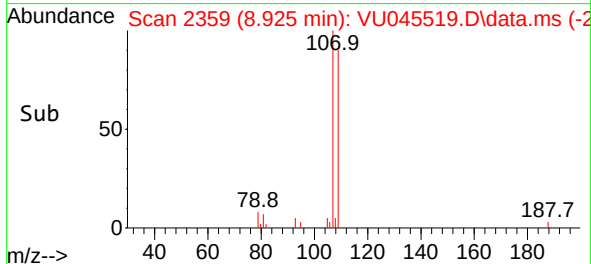
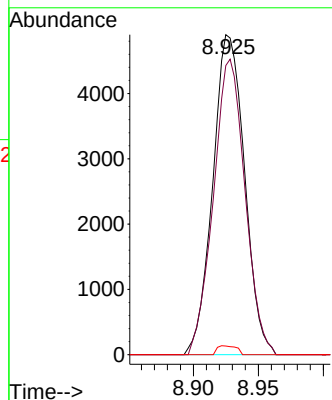
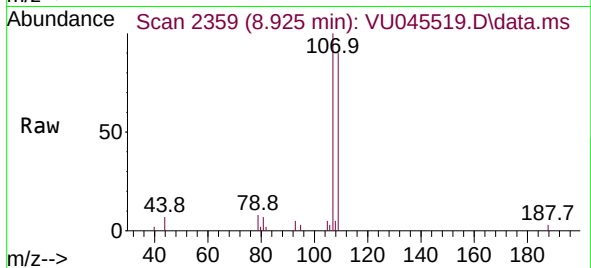
Tgt Ion:107 Resp: 8333

Ion Ratio Lower Upper

107 100

109 90.3 65.5 121.6

188 2.7 2.6 4.0



#51

Chlorobenzene

Concen: 0.957 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

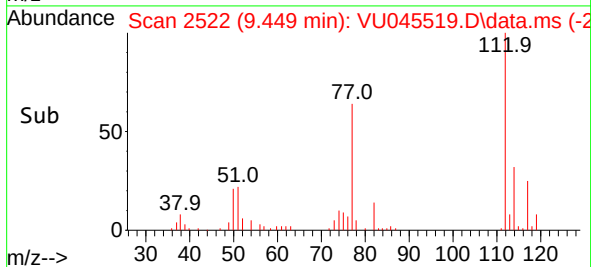
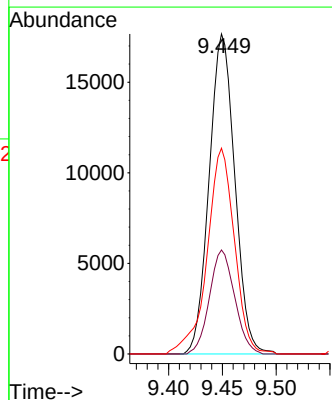
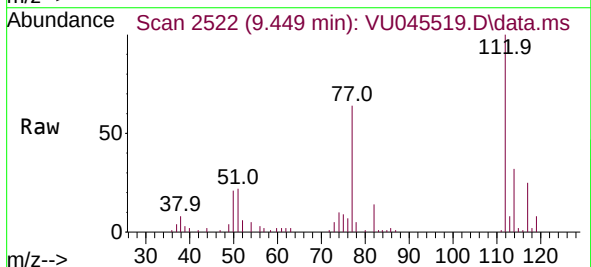
Tgt Ion:112 Resp: 29332

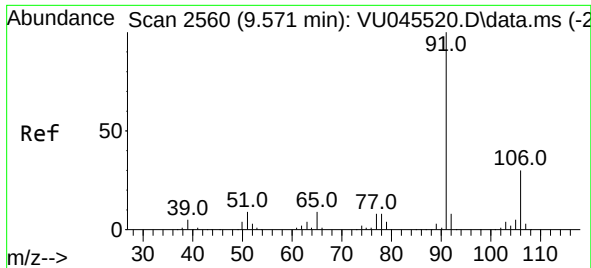
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 64.3 49.5 74.3

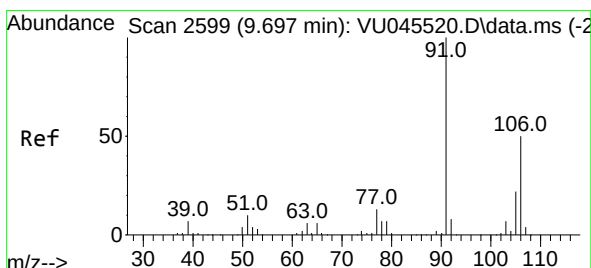
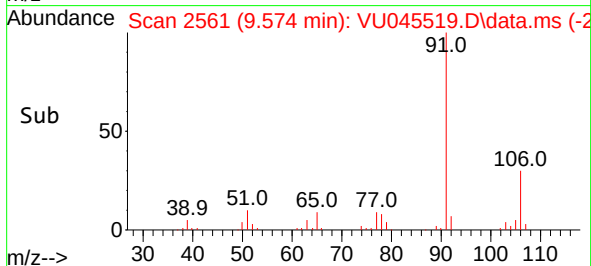
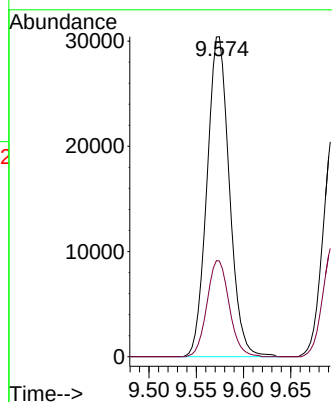
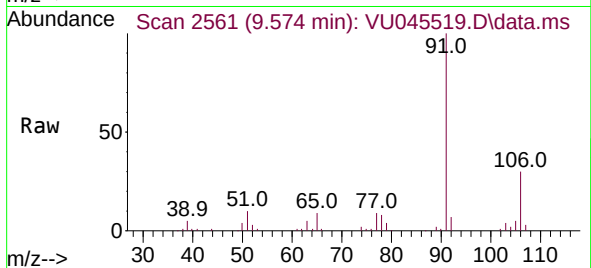




#52
Ethylbenzene
Concen: 0.940 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

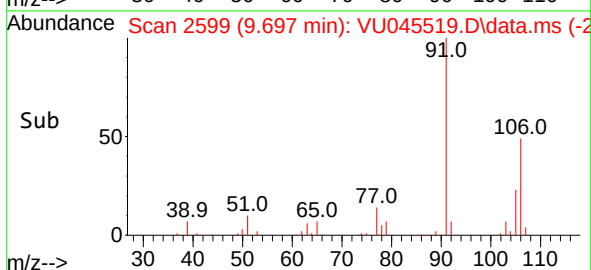
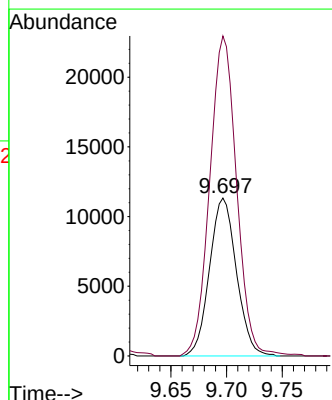
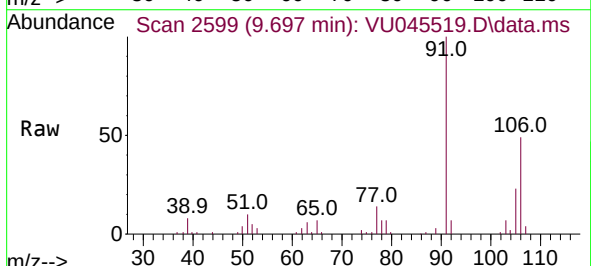
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

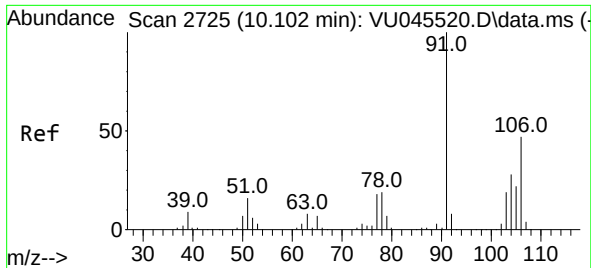
Tgt Ion: 91 Resp: 50149
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.9



#53
m,p-Xylene
Concen: 0.938 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion: 106 Resp: 19045
Ion Ratio Lower Upper
106 100
91 202.7 141.6 263.0

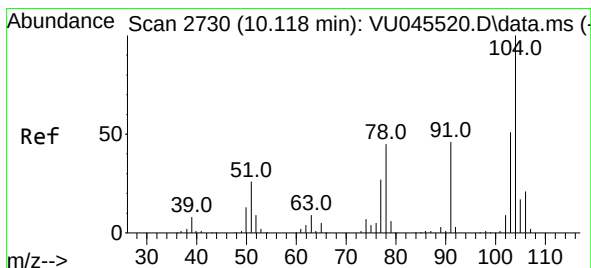
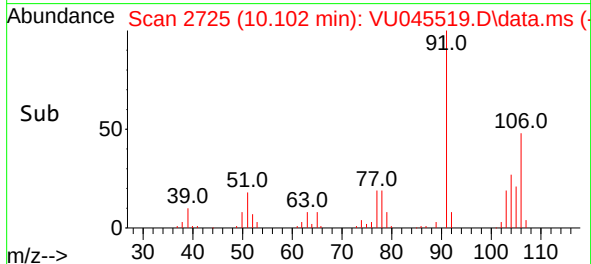
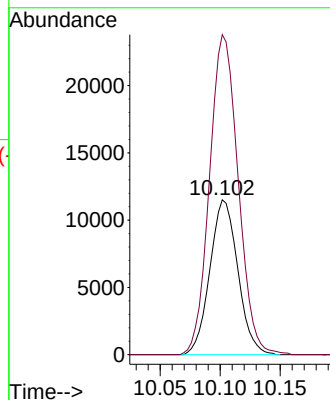
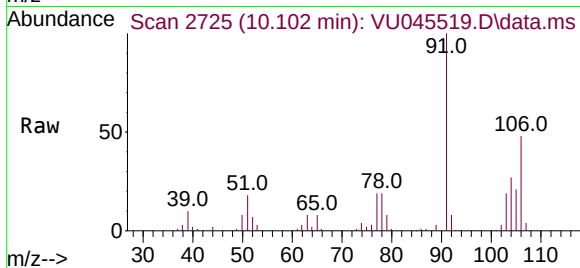




#54
o-Xylene
Concen: 0.960 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

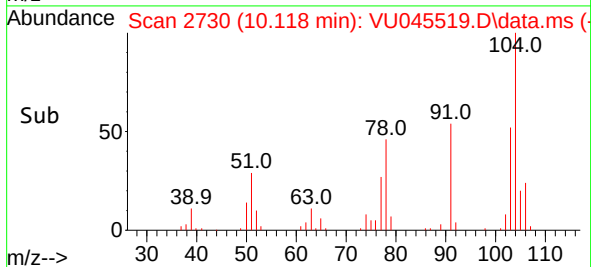
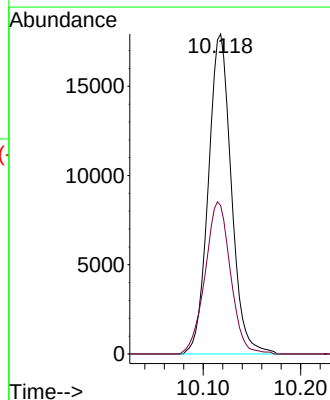
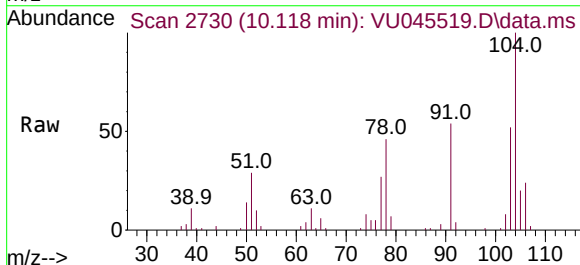
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

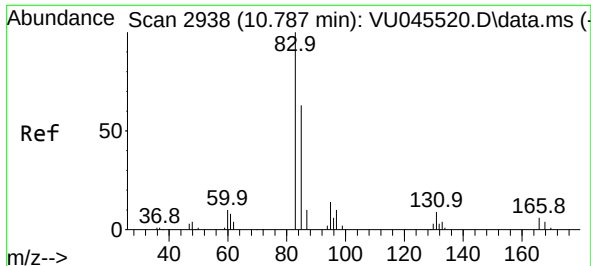
Tgt Ion:106 Resp: 18641
Ion Ratio Lower Upper
106 100
91 206.6 148.8 276.4



#55
Styrene
Concen: 0.877 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion:104 Resp: 29410
Ion Ratio Lower Upper
104 100
78 46.4 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.949 ug/L

RT: 10.783 min Scan# 2938

Delta R.T. -0.003 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD001029

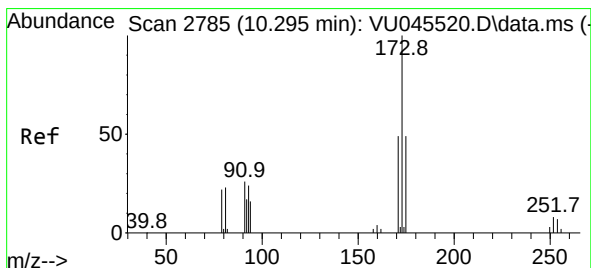
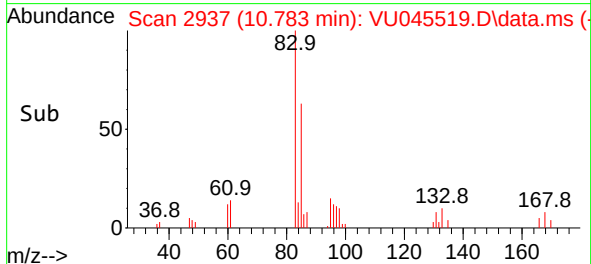
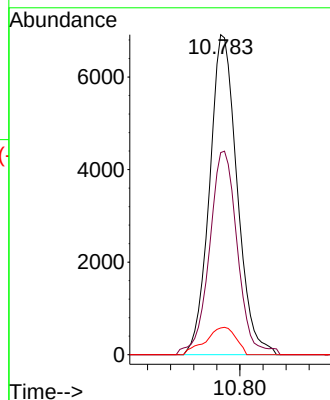
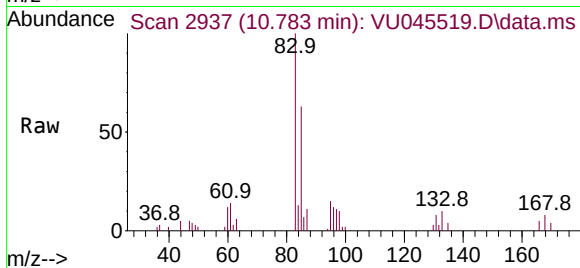
Tgt Ion: 83 Resp: 11441

Ion Ratio Lower Upper

83 100

85 63.2 44.9 83.5

131 8.4 7.5 11.3



#59

Bromoform

Concen: 0.984 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

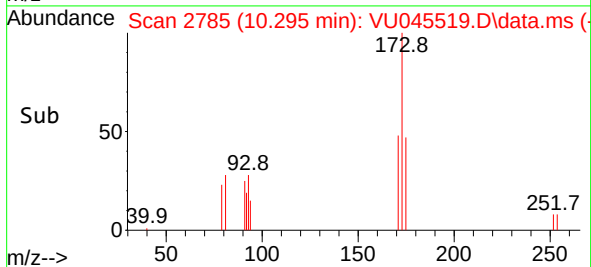
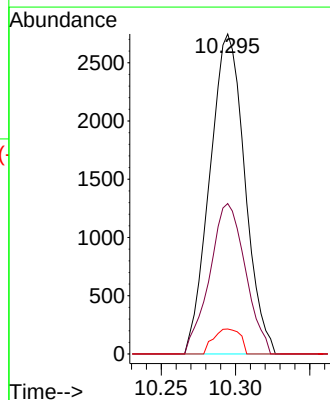
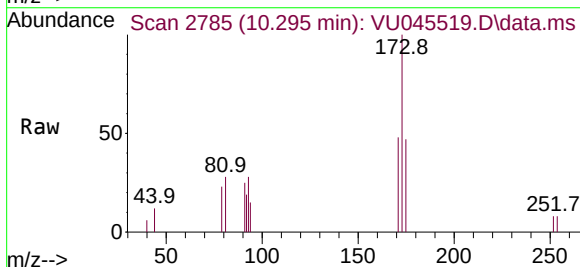
Tgt Ion: 173 Resp: 4501

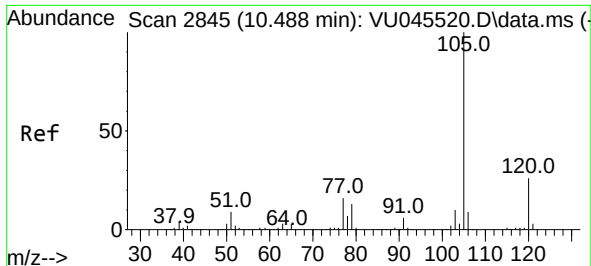
Ion Ratio Lower Upper

173 100

175 48.0 38.3 57.5

254 6.0 5.6 8.4

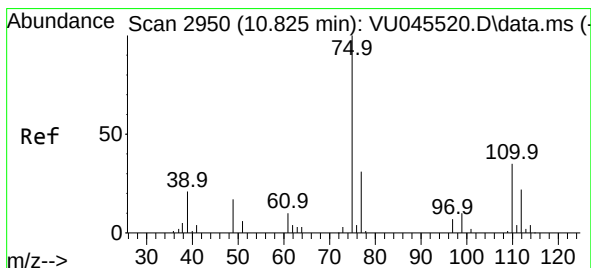
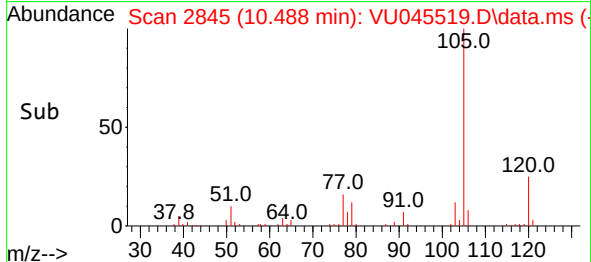
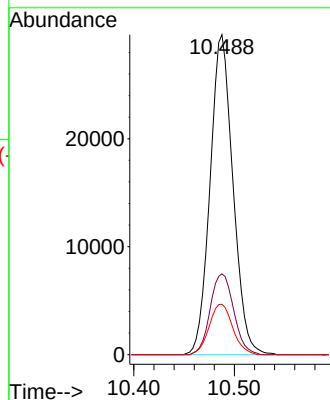
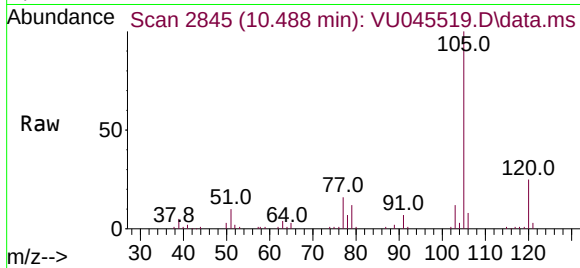




#60
Isopropylbenzene
Concen: 1.007 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

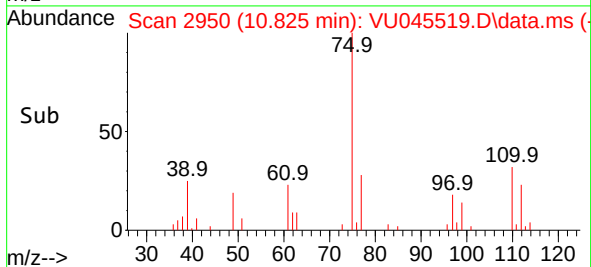
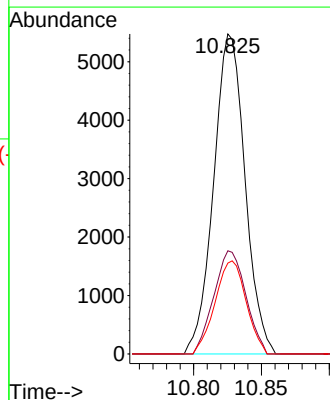
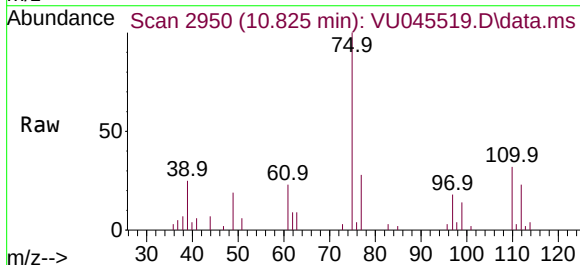
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

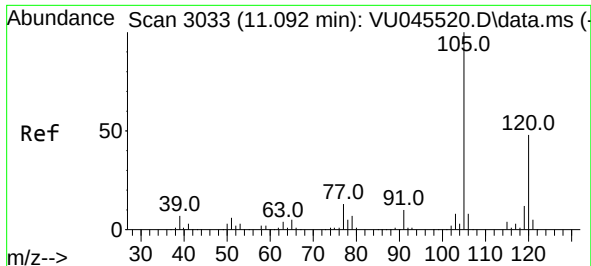
Tgt Ion:105 Resp: 46862
Ion Ratio Lower Upper
105 100
120 26.0 20.6 30.8
77 16.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 1.077 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion: 75 Resp: 8823
Ion Ratio Lower Upper
75 100
110 32.7 28.4 42.6
77 28.7 25.1 37.7

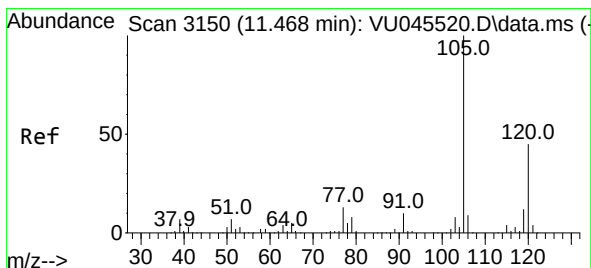
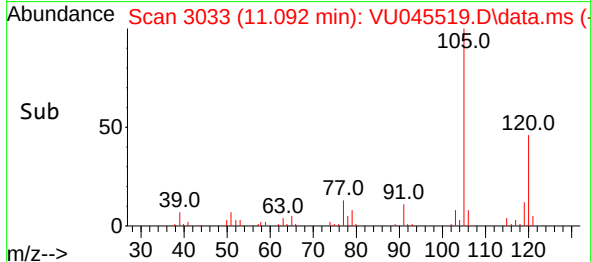
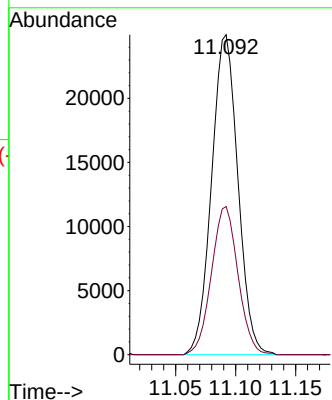
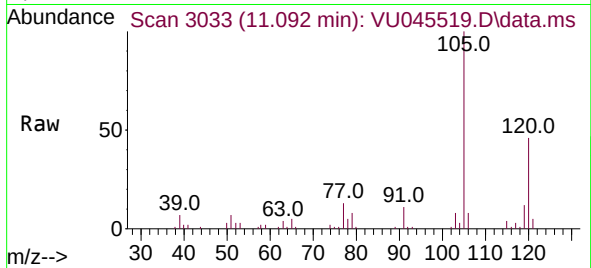




#62
 1,3,5-Trimethylbenzene
 Concen: 0.963 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.000 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

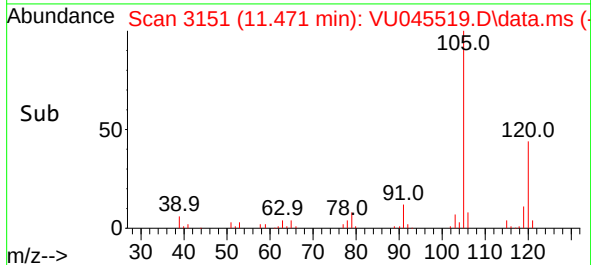
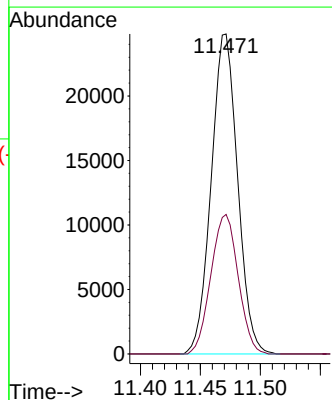
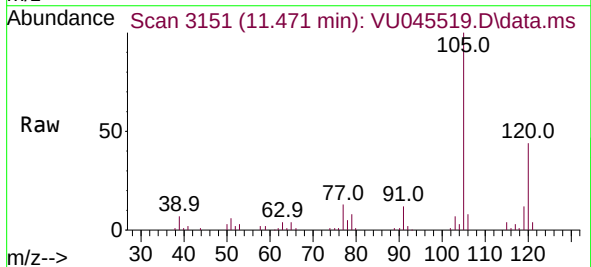
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001029

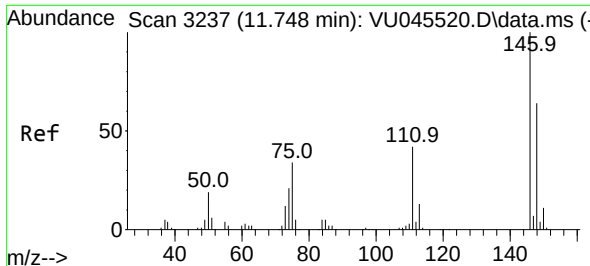
Tgt Ion:105 Resp: 38064
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 0.943 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU045519.D
 Acq: 03 Nov 2021 13:15

Tgt Ion:105 Resp: 37950
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.2 54.2

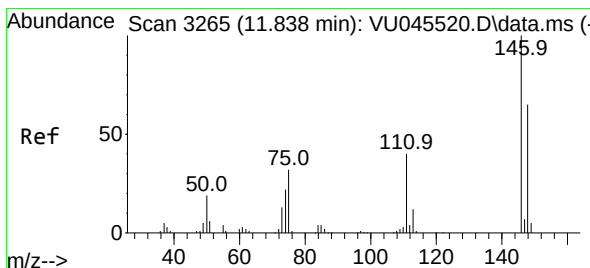
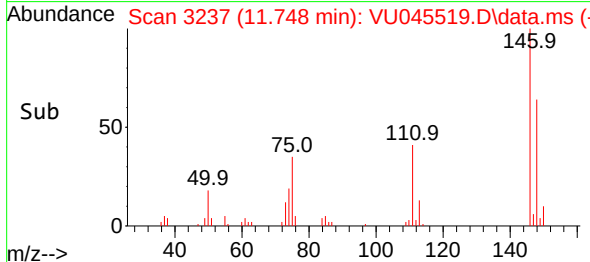
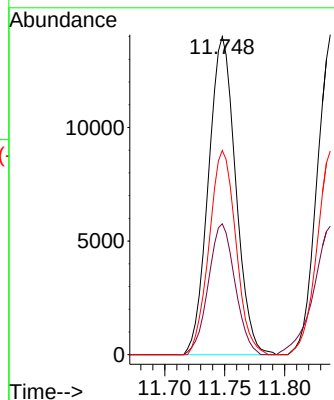
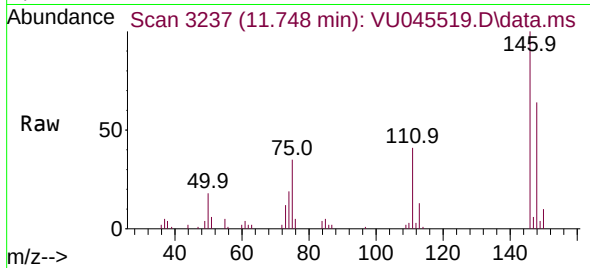




#64
1,3-Dichlorobenzene
Concen: 1.009 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

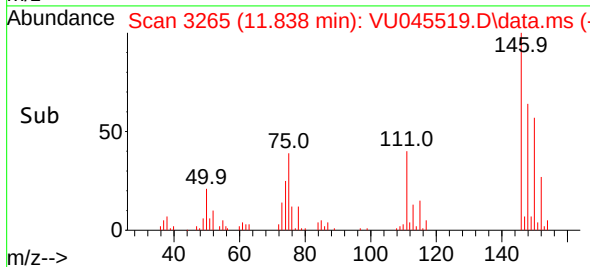
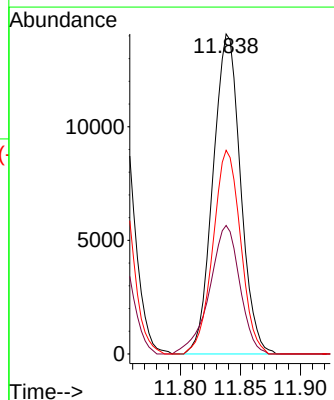
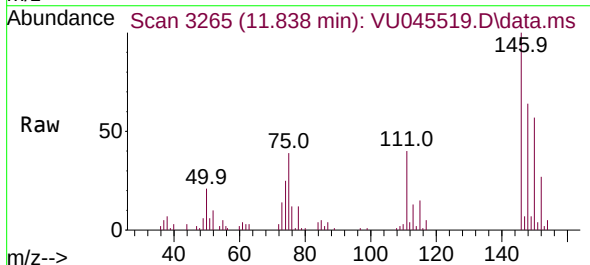
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

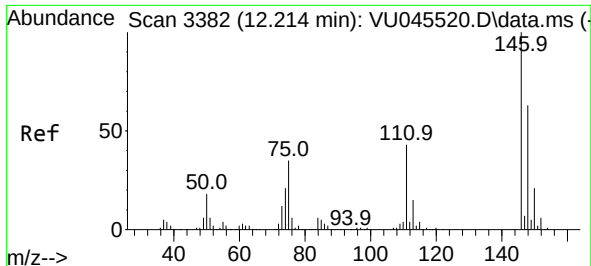
Tgt Ion:146 Resp: 22108
Ion Ratio Lower Upper
146 100
111 41.1 29.4 54.6
148 64.2 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 0.998 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion:146 Resp: 22446
Ion Ratio Lower Upper
146 100
111 40.1 28.3 52.5
148 63.6 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 1.050 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD001029

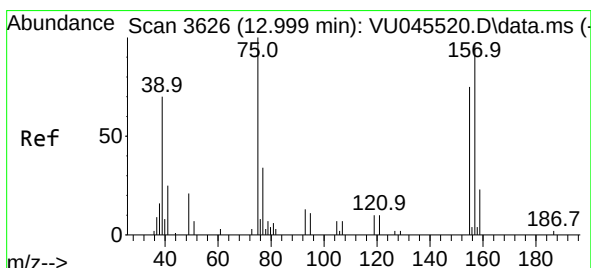
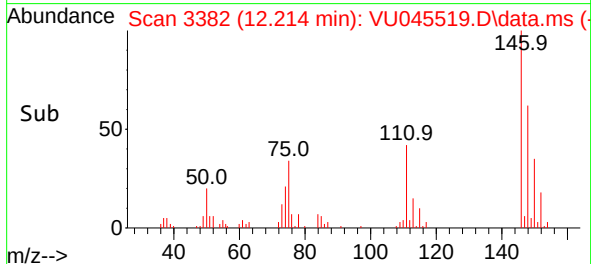
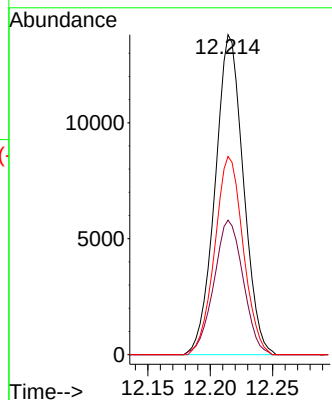
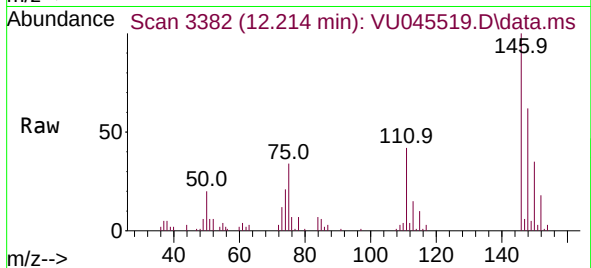
Tgt Ion:146 Resp: 21814

Ion Ratio Lower Upper

146 100

111 42.1 34.2 51.2

148 62.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 1.033 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045519.D

Acq: 03 Nov 2021 13:15

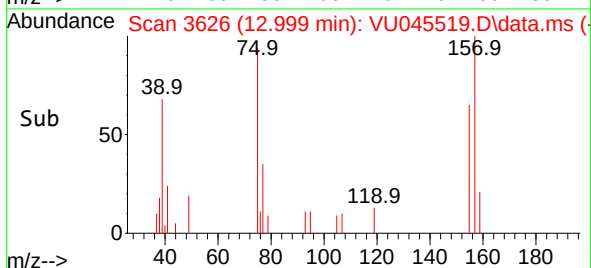
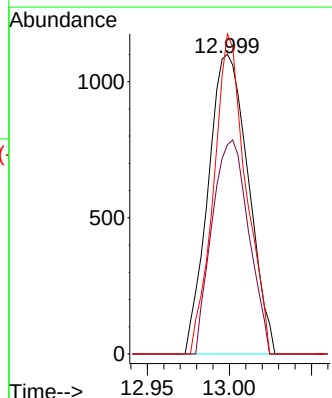
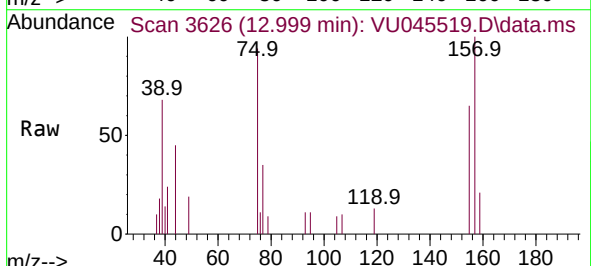
Tgt Ion: 75 Resp: 1868

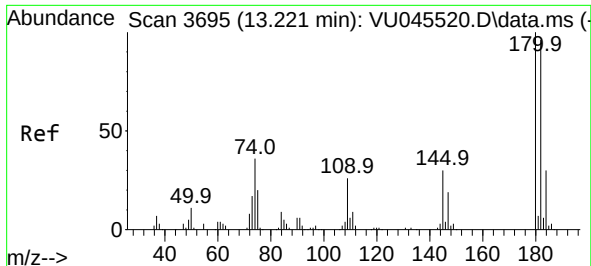
Ion Ratio Lower Upper

75 100

155 69.8 60.1 90.1

157 106.7 76.5 114.7

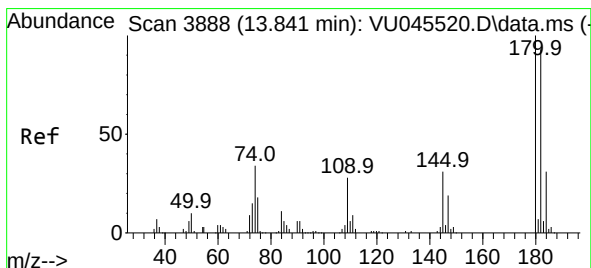
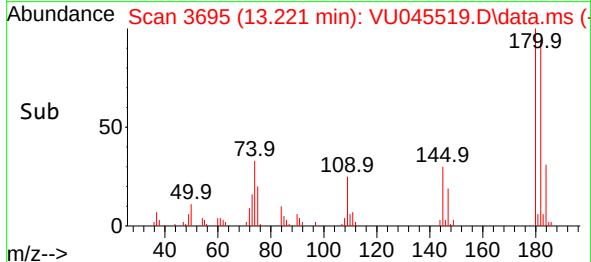
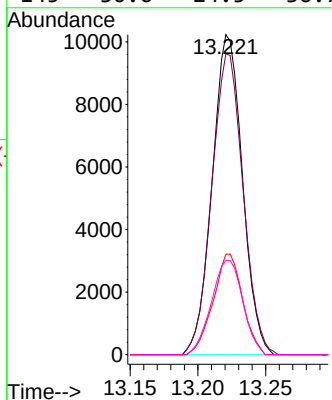
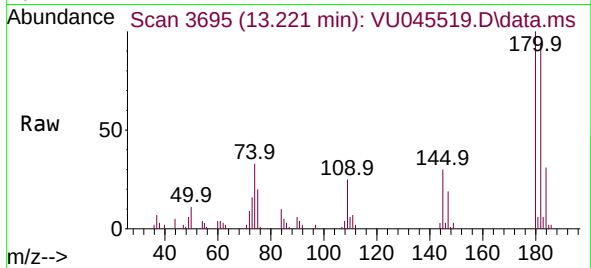




#69
1,3,5-Trichlorobenzene
Concen: 0.949 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

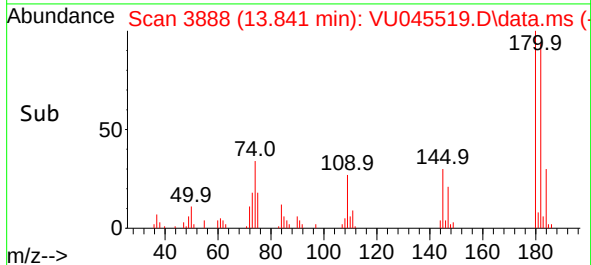
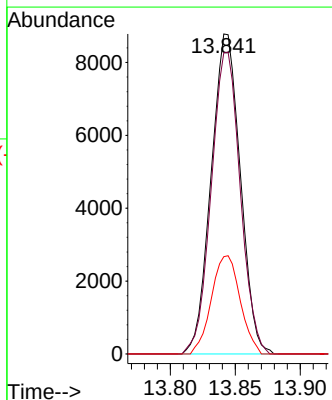
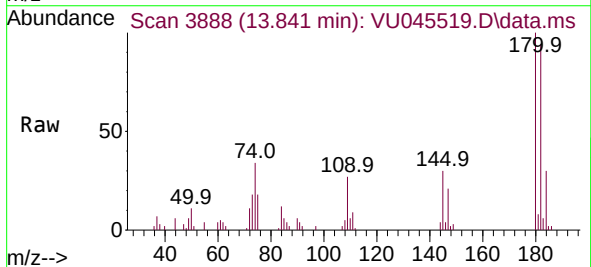
Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

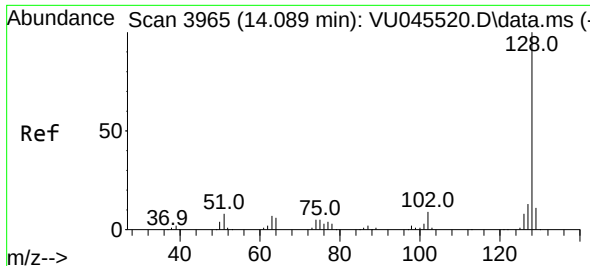
Tgt Ion:180	Resp:	15855
Ion Ratio	Lower	Upper
180	100	
182	97.3	76.2 114.2
184	30.7	23.9 35.9
145	30.6	24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 0.964 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion:180	Resp:	13707
Ion Ratio	Lower	Upper
180	100	
182	93.6	75.5 113.3
145	30.2	25.3 37.9

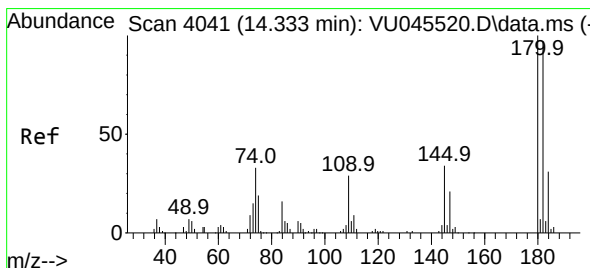
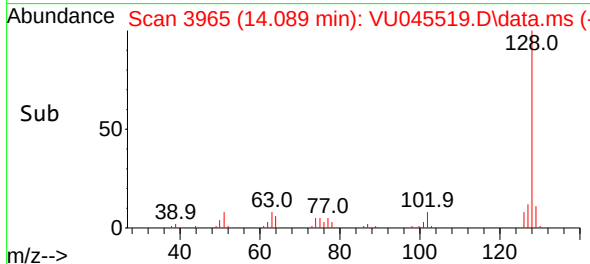
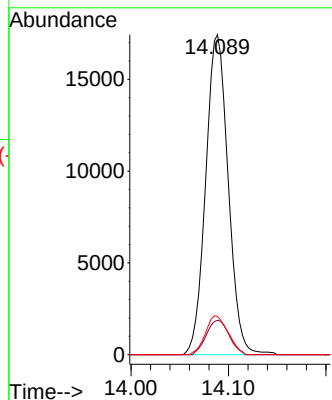
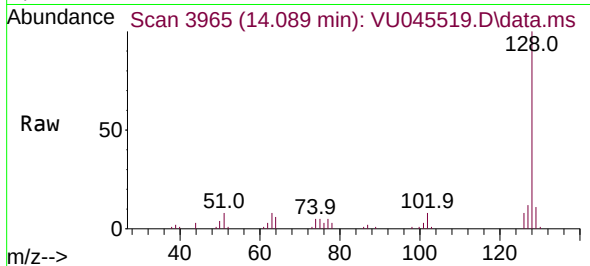




#71
Naphthalene
Concen: 0.971 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD001029

Tgt Ion:128	Resp:	28009
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.6 13.0
127	12.2	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 1.019 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045519.D
Acq: 03 Nov 2021 13:15

Tgt Ion:180	Resp:	13387
Ion Ratio	Lower	Upper
180	100	
182	95.0	77.0 115.4
145	32.8	27.4 41.2

