

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045328.D
 Acq On : 19 Oct 2021 13:40
 Operator : SY/MD
 Sample : VSTD10022
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 02:48:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:46:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	306660	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	302499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	156321	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131049	44.096	ug/L	0.00
7) Chloroethane-d5	1.909	69	126264	52.904	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	261799	51.890	ug/L	0.00
21) 2-Butanone-d5	4.626	46	409484	161.410	ug/L	0.00
24) Chloroform-d	5.070	84	359125	72.302	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	237004	70.323	ug/L	0.00
32) Benzene-d6	5.732	84	574444	60.369	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	222545	70.020	ug/L	0.00
41) Toluene-d8	7.902	98	495398	60.621	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	117289	81.456	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	301308	167.027	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	418503	81.596	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	269408	82.545	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	211899	75.722	ug/L	99
3) Chloromethane	1.523	50	236384	68.626	ug/L	99
5) Vinyl chloride	1.607	62	263227	76.691	ug/L	98
6) Bromomethane	1.848	94	146272	86.476	ug/L	99
8) Chloroethane	1.932	64	169474	78.624	ug/L	100
9) Trichlorofluoromethane	2.141	101	321122	81.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	208642	83.304	ug/L	100
12) 1,1-Dichloroethene	2.581	96	192168	83.970	ug/L	100
13) Acetone	2.629	43	376603	130.491	ug/L	100
14) Carbon disulfide	2.796	76	530924	73.898	ug/L	100
15) Methyl Acetate	2.951	43	275405	76.453	ug/L	99
16) Methylene chloride	3.050	84	236182	80.888	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	204952	84.853	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	738481	91.389	ug/L	100
19) 1,1-Dichloroethane	3.874	63	419451	83.385	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	241481	89.822	ug/L	97
22) 2-Butanone	4.706	43	467965	143.750	ug/L	99
23) Bromochloromethane	4.980	128	114724	84.247	ug/L	98
25) Chloroform	5.092	83	421103	83.580	ug/L	100
27) 1,2-Dichloroethane	5.800	62	342307	82.101	ug/L	99
29) Cyclohexane	5.394	56	363564	84.395	ug/L	99
30) 1,1,1-Trichloroethane	5.320	97	344769	85.509	ug/L	99
31) Carbon tetrachloride	5.529	117	268342	84.319	ug/L	100
33) Benzene	5.780	78	911956	84.498	ug/L	100
34) Trichloroethene	6.546	95	224800	86.128	ug/L	99
35) Methylcyclohexane	6.767	83	368912	86.056	ug/L	99
37) 1,2-Dichloropropane	6.796	63	246001	83.543	ug/L	100
38) Bromodichloromethane	7.111	83	321555	88.600	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	388820	91.569	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	781130	160.788	ug/L	100
42) Toluene	7.973	91	969103	88.249	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	372247	92.103	ug/L	98

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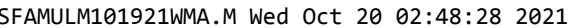
Quant Time: Oct 20 02:48:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:46:04 2021
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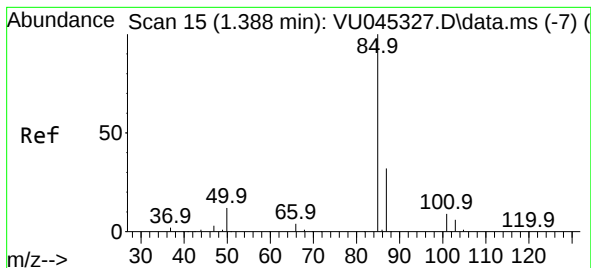
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	234238	86.817	ug/L	98
46) Tetrachloroethene	8.558	164	158059	85.268	ug/L	98
48) 2-Hexanone	8.687	43	639022	149.319	ug/L	98
49) Dibromochloromethane	8.816	129	236644	88.869	ug/L	98
50) 1,2-Dibromoethane	8.928	107	244470	86.847	ug/L	99
51) Chlorobenzene	9.452	112	602031	87.818	ug/L	98
52) Ethylbenzene	9.574	91	1075337	91.902	ug/L	100
53) m,p-Xylene	9.697	106	412939	93.109	ug/L	99
54) o-xylene	10.105	106	406608	93.143	ug/L	97
55) Styrene	10.118	104	711810	94.865	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	419974	81.712	ug/L	100
59) Bromoform	10.295	173	169800	90.098	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	334018	79.922	ug/L	99
61) Isopropylbenzene	10.487	105	1060908	95.184	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	914806	98.163	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	929374	97.629	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	464852	89.671	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	468164	88.178	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	467279	88.254	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	99752	84.029	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	336892	94.128	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	299481	101.023	ug/L	99
71) Naphthalene	14.089	128	1097271	107.896	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	301051	99.784	ug/L	99

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

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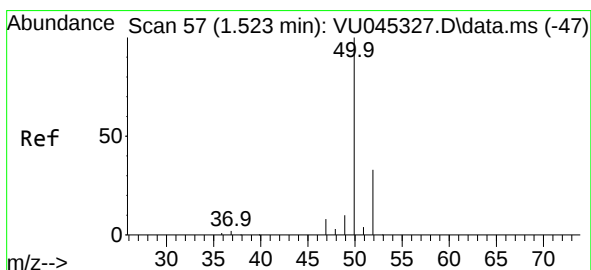
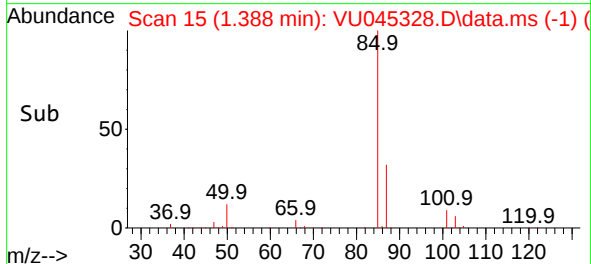
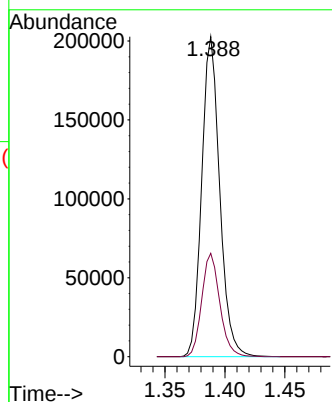
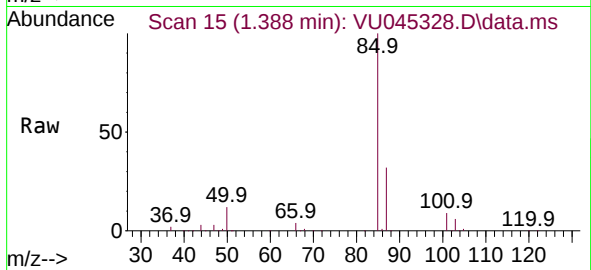




#2
Dichlorodifluoromethane
Concen: 75.722 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

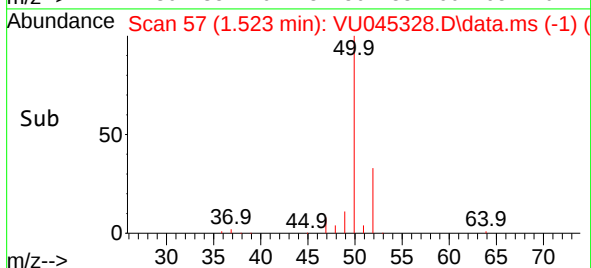
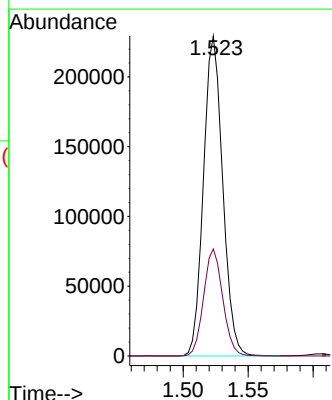
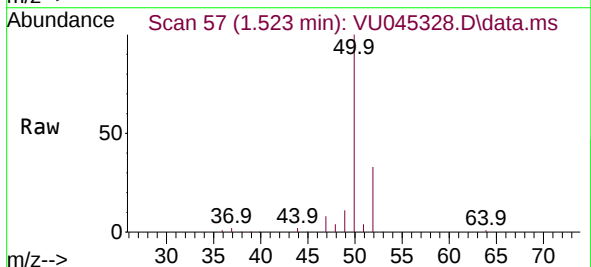
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MSVOA_U
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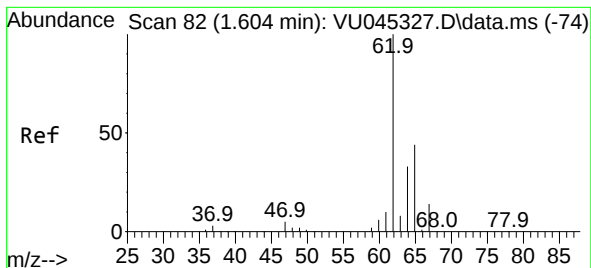
Tgt Ion: 85 Resp: 211899
Ion Ratio Lower Upper
85 100
87 32.3 25.3 37.9



#3
Chloromethane
Concen: 68.626 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 50 Resp: 236384
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.0





#5

Vinyl chloride

Concen: 76.691 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.003 min

Lab File: VU045328.D

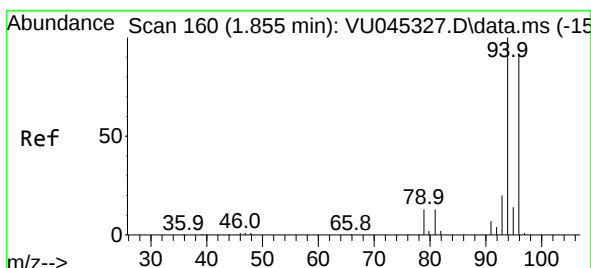
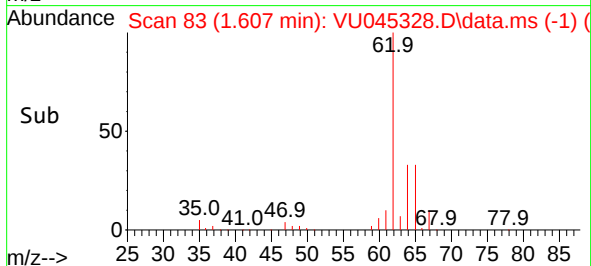
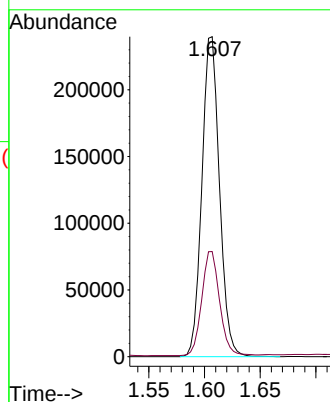
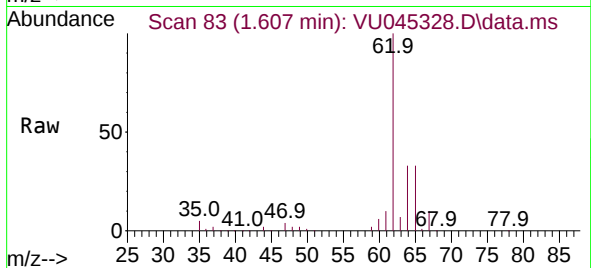
Acq: 19 Oct 2021 13:40

Tgt Ion: 62 Resp: 263227

Ion Ratio Lower Upper

62 100

64 32.8 23.9 44.3



#6

Bromomethane

Concen: 86.476 ug/L

RT: 1.848 min Scan# 158

Delta R.T. -0.007 min

Lab File: VU045328.D

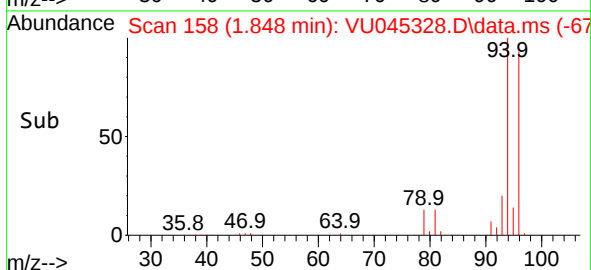
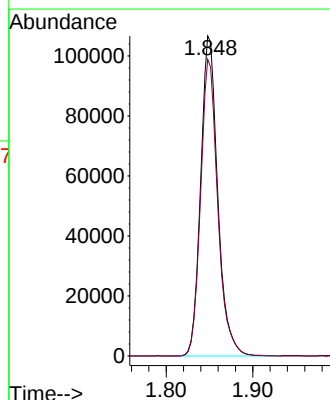
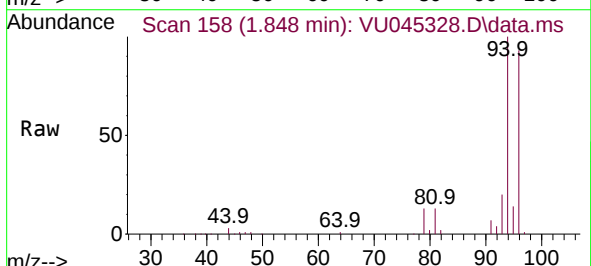
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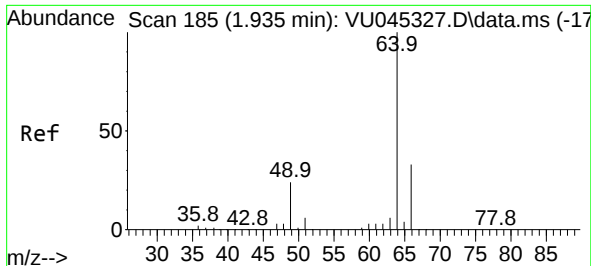
Tgt Ion: 94 Resp: 146272

Ion Ratio Lower Upper

94 100

96 92.7 64.1 119.1

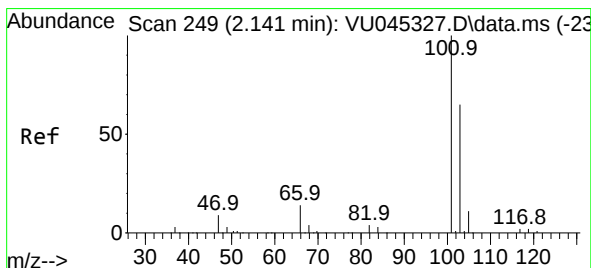
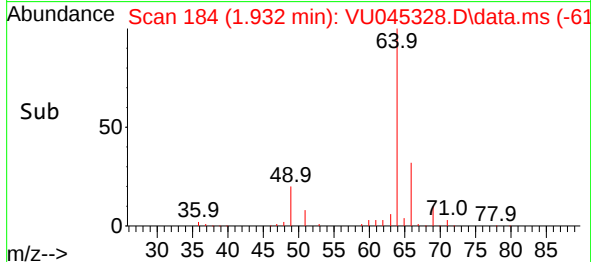
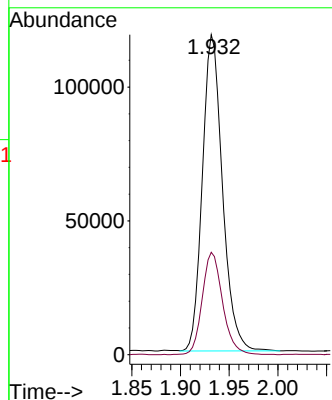
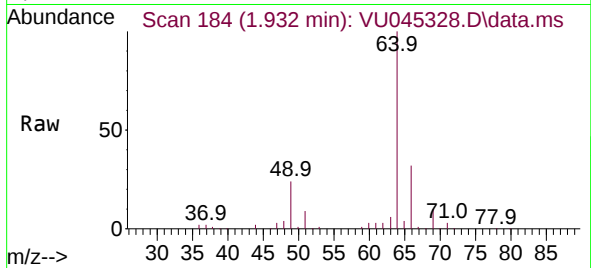




#8
Chloroethane
Concen: 78.624 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

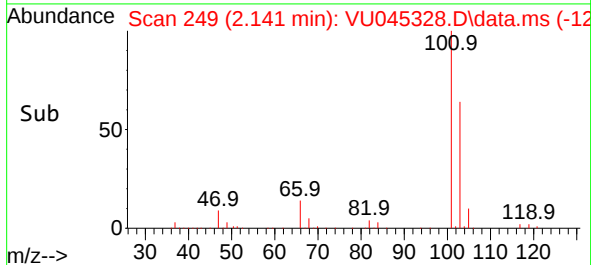
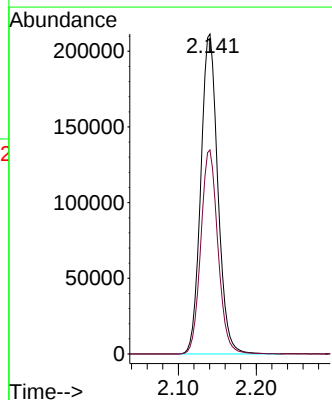
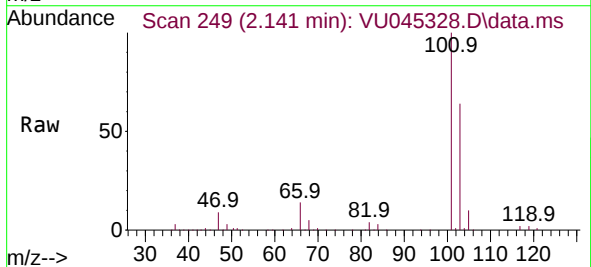
Instrument :
MSVOA_U
ClientSampled :

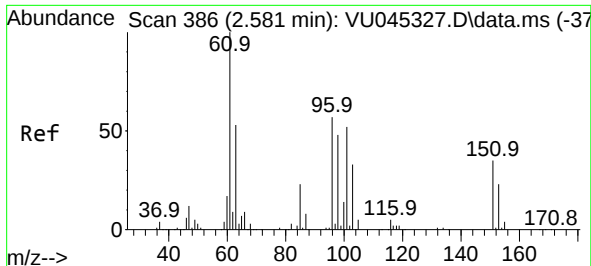
Tgt Ion: 64 Resp: 169474
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 81.346 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:101 Resp: 321122
Ion Ratio Lower Upper
101 100
103 64.0 50.8 76.2

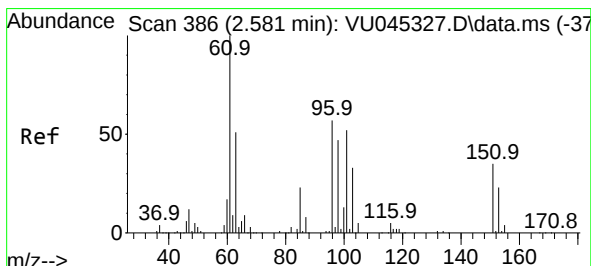
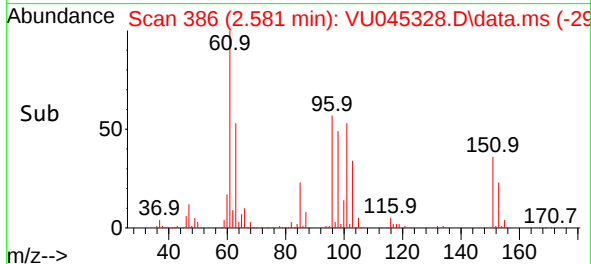
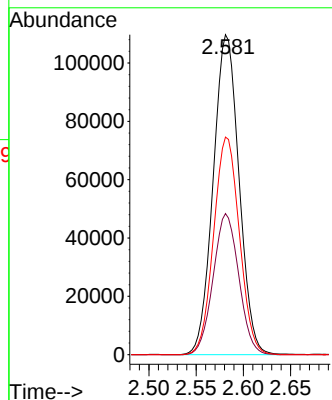
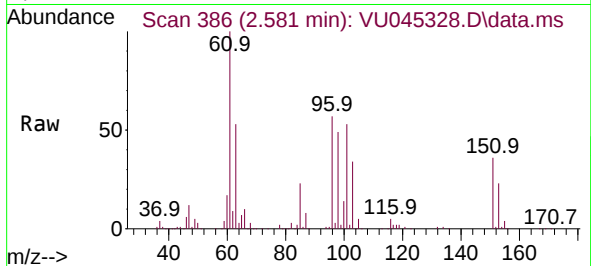




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 83.304 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU045328.D
 Acq: 19 Oct 2021 13:40

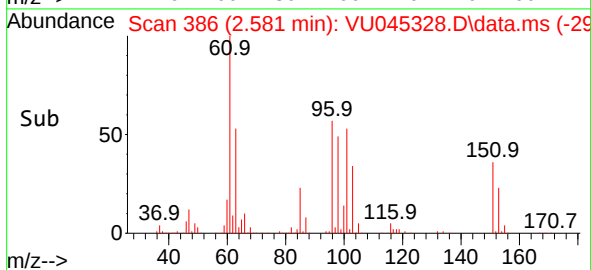
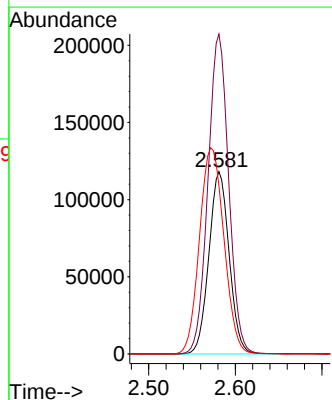
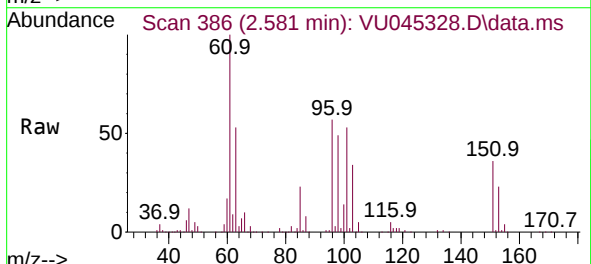
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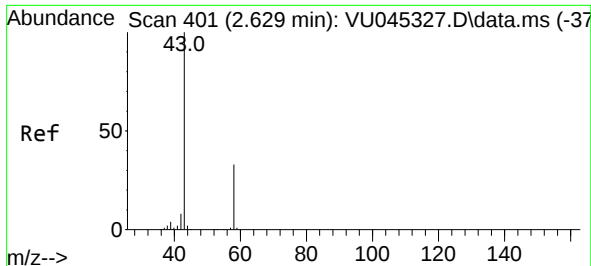
Tgt Ion:101 Resp: 208642
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.2 52.8
 151 67.8 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 83.970 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU045328.D
 Acq: 19 Oct 2021 13:40

Tgt Ion: 96 Resp: 192168
 Ion Ratio Lower Upper
 96 100
 61 175.4 122.9 228.3
 63 92.3 65.3 121.3

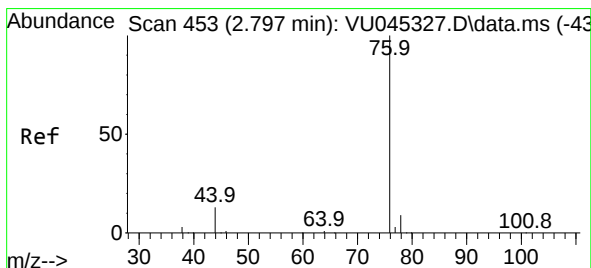
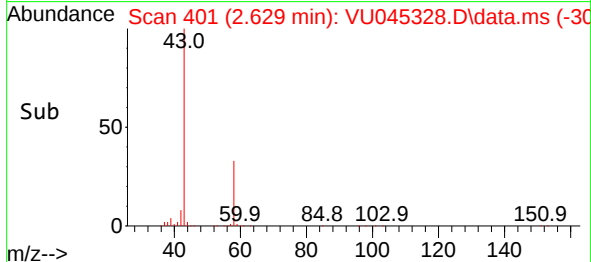
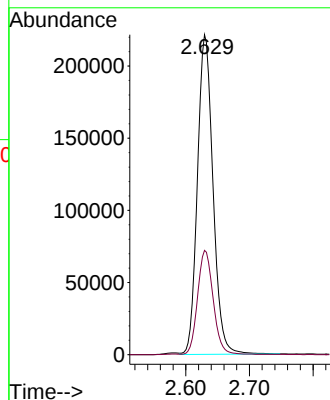
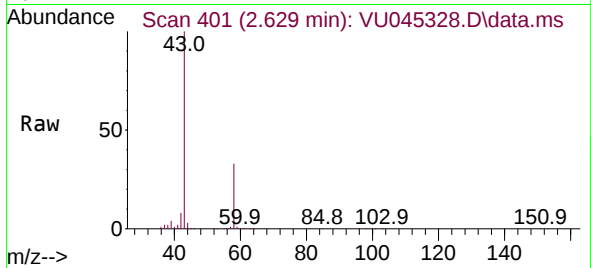




#13
Acetone
Concen: 130.491 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

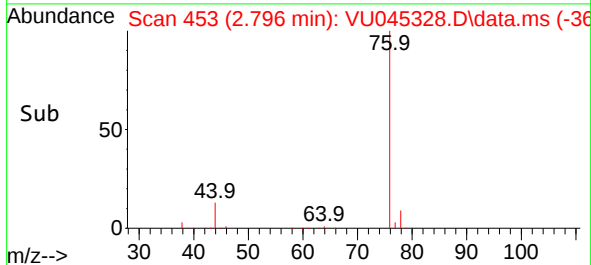
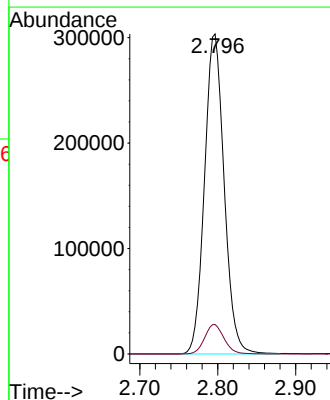
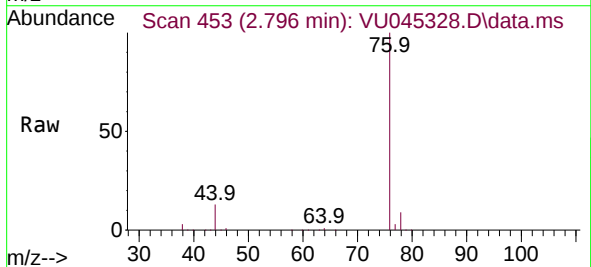
Instrument :
MSVOA_U
ClientSampled :

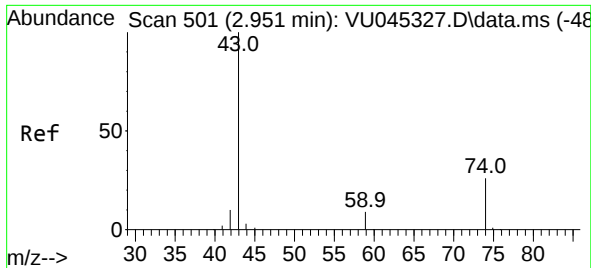
Tgt Ion: 43 Resp: 376603
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.8



#14
Carbon disulfide
Concen: 73.898 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 76 Resp: 530924
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

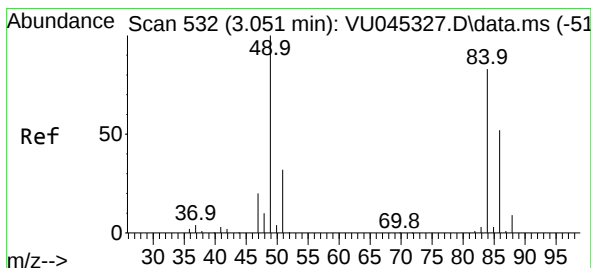
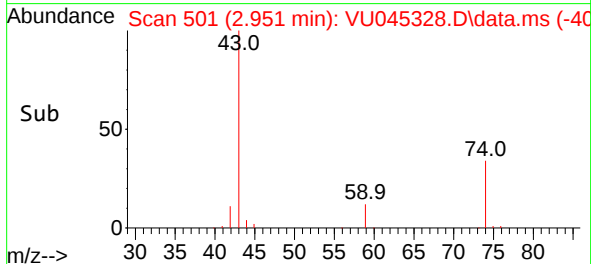
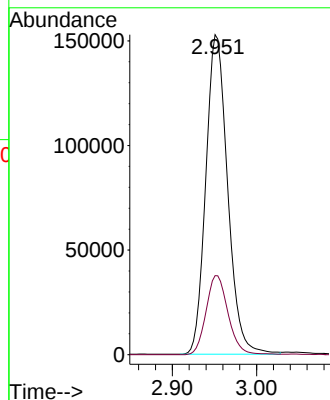
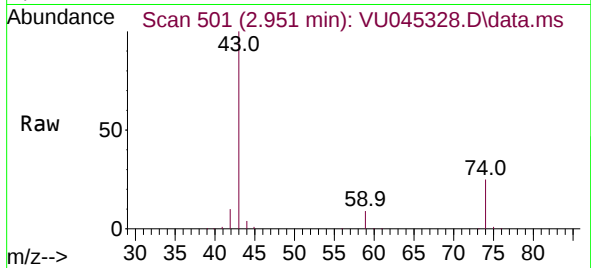




#15
Methyl Acetate
Concen: 76.453 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

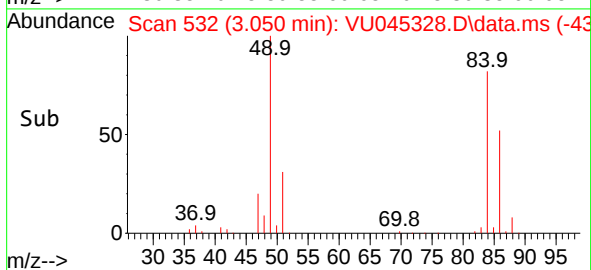
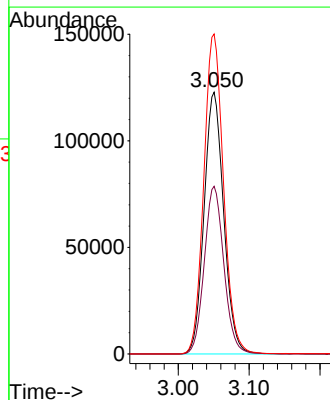
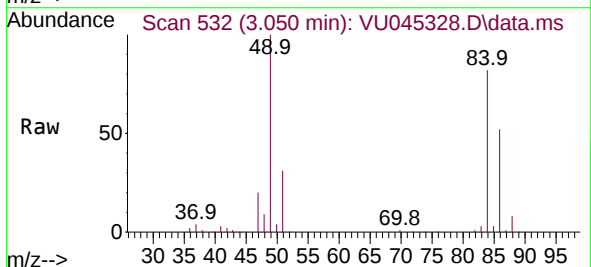
Instrument :
MSVOA_U
ClientSampled :

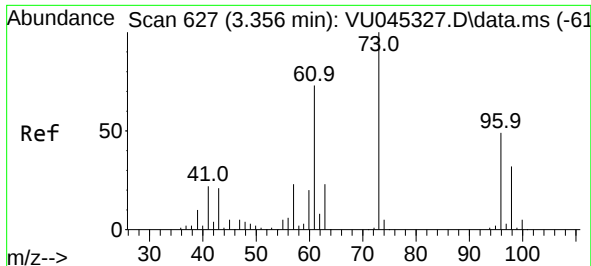
Tgt Ion: 43 Resp: 275405
Ion Ratio Lower Upper
43 100
74 25.0 20.5 30.7



#16
Methylene chloride
Concen: 80.888 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 84 Resp: 236182
Ion Ratio Lower Upper
84 100
86 64.1 44.1 81.9
49 122.3 84.2 156.4



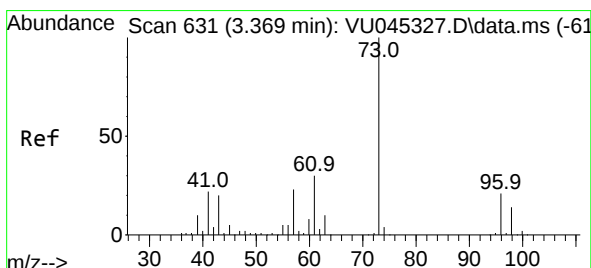
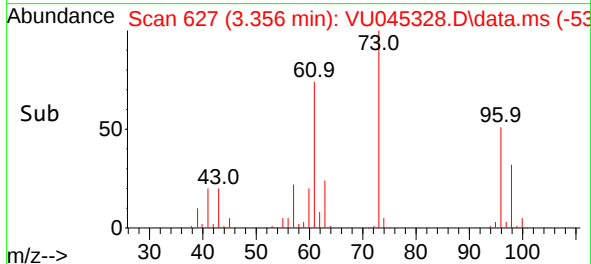
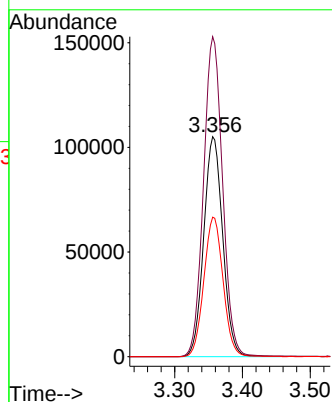
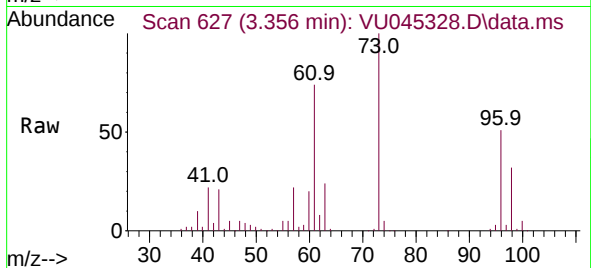


#17

trans-1,2-Dichloroethene
Concen: 84.853 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Instrument :
MSVOA_U
ClientSampleId :

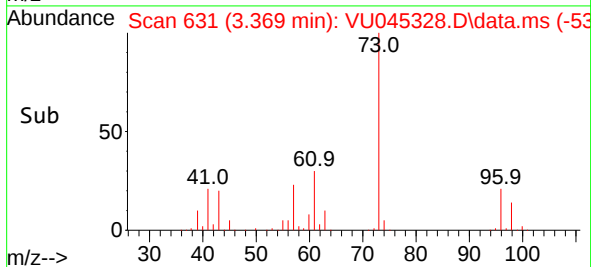
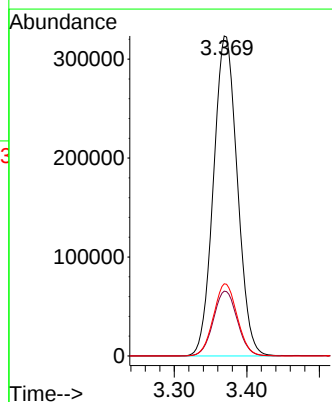
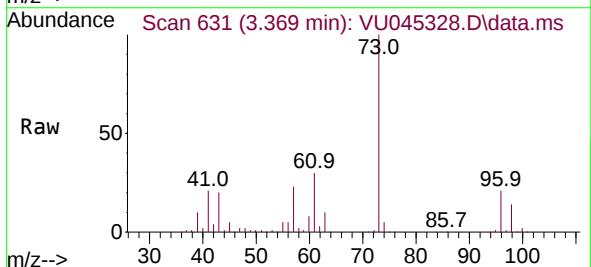
Tgt Ion: 96 Resp: 204952
Ion Ratio Lower Upper
96 100
61 145.4 104.7 194.4
98 63.4 45.8 85.2

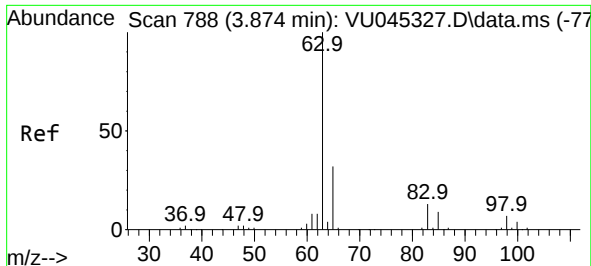


#18

Methyl tert-butyl Ether
Concen: 91.389 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 73 Resp: 738481
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 22.4 17.9 26.9





#19

1,1-Dichloroethane

Concen: 83.385 ug/L

RT: 3.874 min Scan# 788

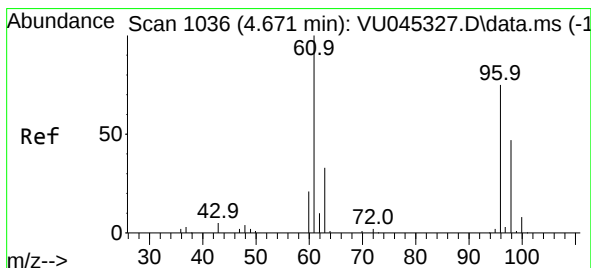
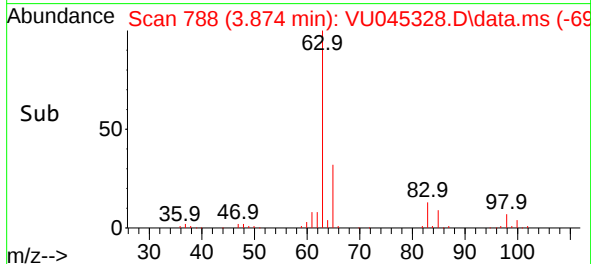
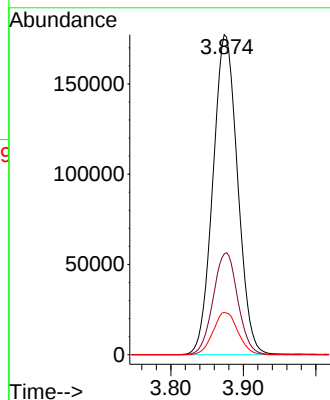
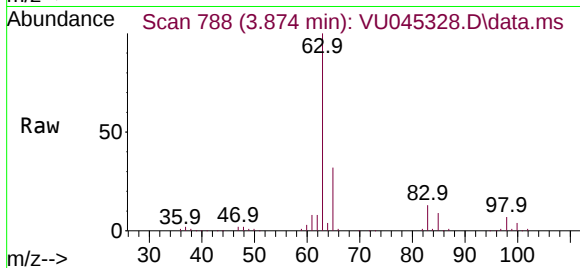
Delta R.T. -0.000 min

Lab File: VU045328.D

Acq: 19 Oct 2021 13:40

Tgt Ion: 63 Resp: 419451

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.5	41.9
83	13.2	8.9	16.5



#20

cis-1,2-Dichloroethene

Concen: 89.822 ug/L

RT: 4.671 min Scan# 1036

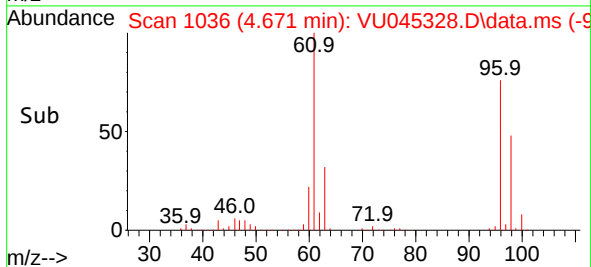
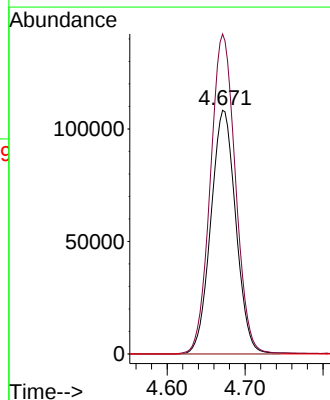
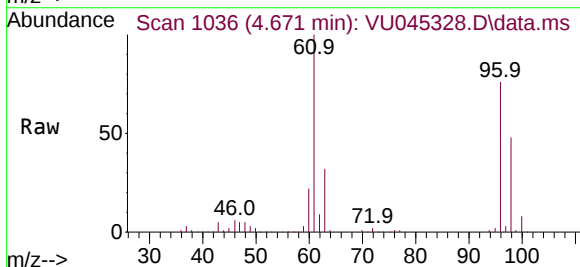
Delta R.T. -0.000 min

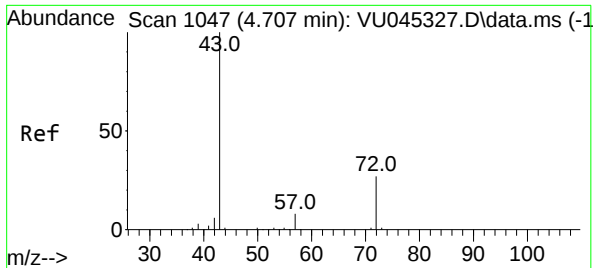
Lab File: VU045328.D

Acq: 19 Oct 2021 13:40

Tgt Ion: 96 Resp: 241481

Ion	Ratio	Lower	Upper
96	100		
61	131.3	94.2	175.0
68	0.0	0.0	0.0

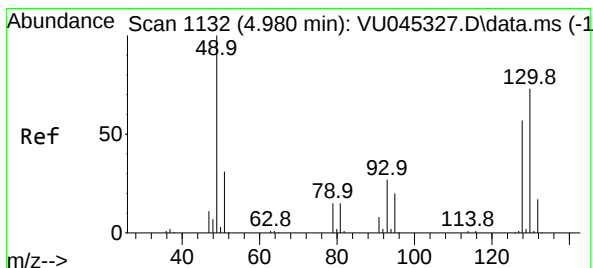
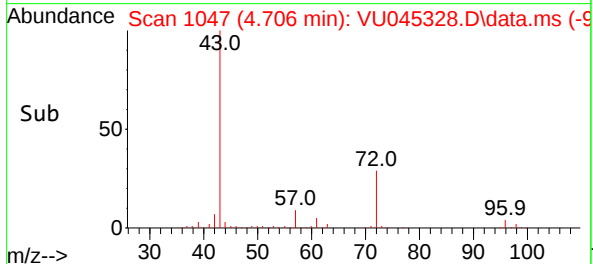
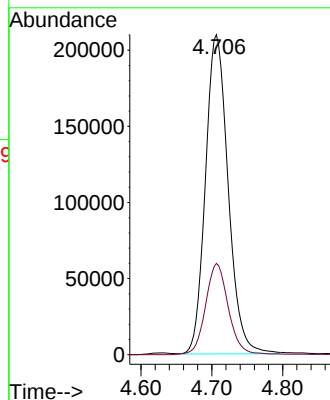
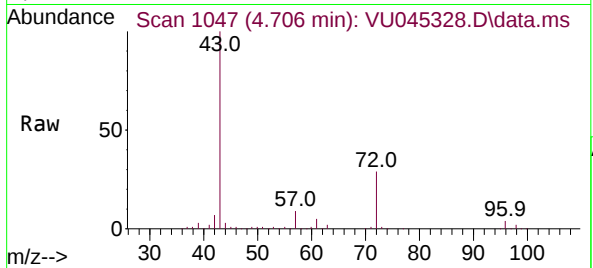




#22
2-Butanone
Concen: 143.750 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

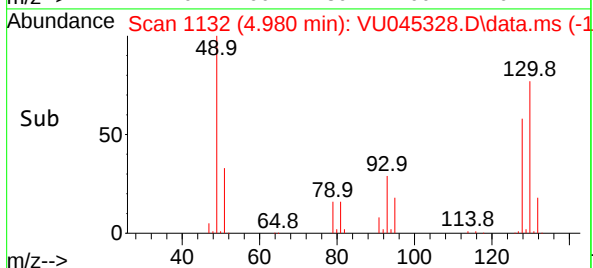
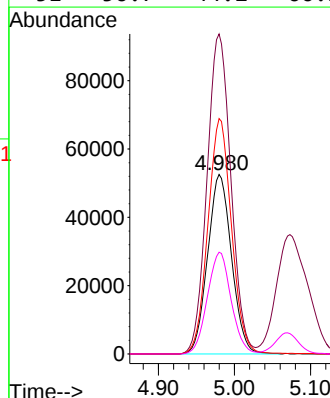
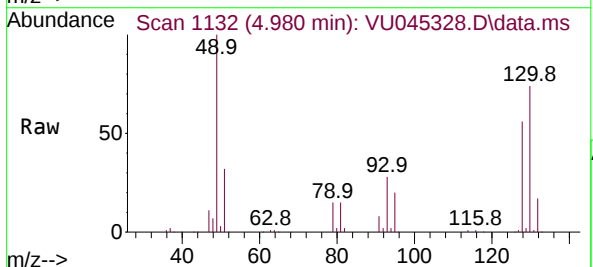
Instrument :
MSVOA_U
ClientSampled :

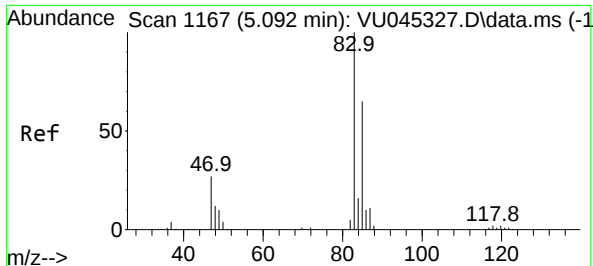
Tgt Ion: 43 Resp: 467965
Ion Ratio Lower Upper
43 100
72 28.7 14.1 42.2



#23
Bromochloromethane
Concen: 84.247 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:128 Resp: 114724
Ion Ratio Lower Upper
128 100
49 178.2 123.8 229.8
130 131.1 89.8 166.8
51 56.7 44.2 66.2



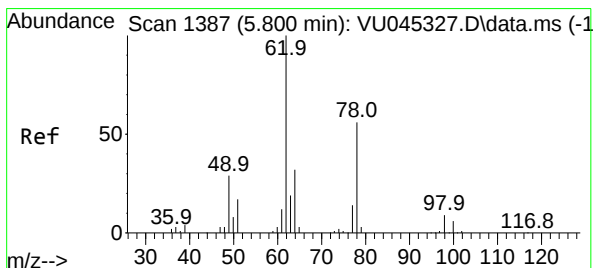
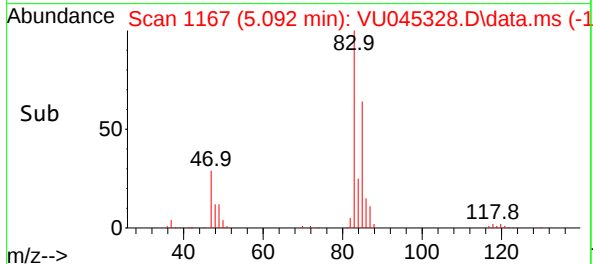
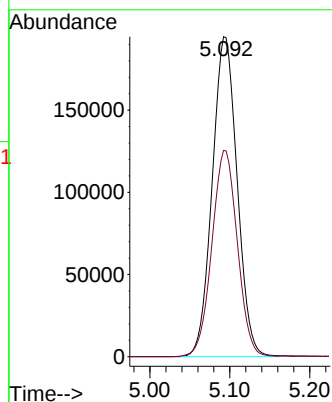
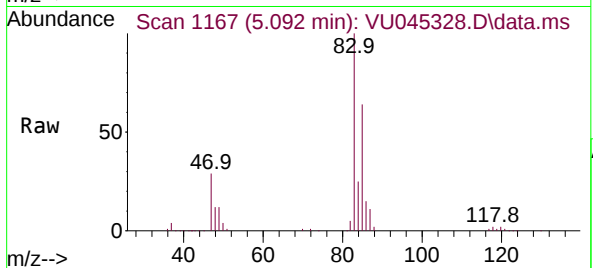


#25

Chloroform
Concen: 83.580 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Instrument :
MSVOA_U
ClientSampled :

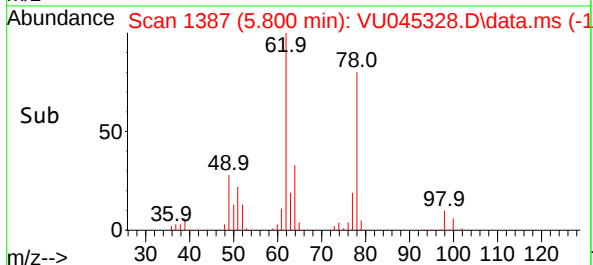
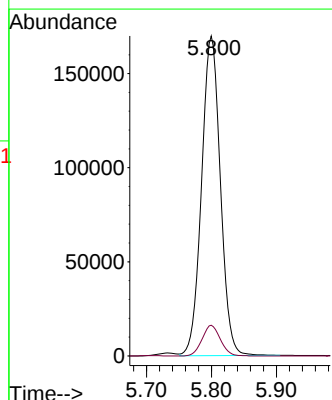
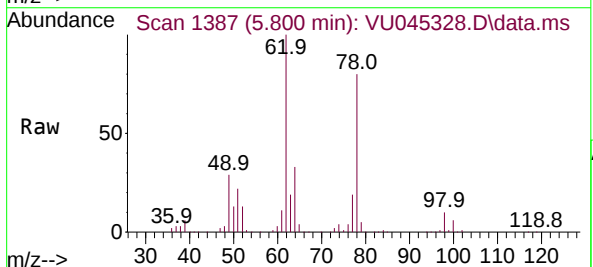
Tgt Ion: 83 Resp: 421103
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.2

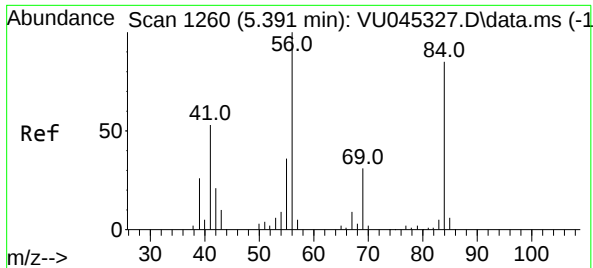


#27

1,2-Dichloroethane
Concen: 82.101 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 62 Resp: 342307
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2





#29

Cyclohexane

Concen: 84.395 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU045328.D

Acq: 19 Oct 2021 13:40

Tgt Ion: 56 Resp: 363564

Ion Ratio Lower Upper

56 100

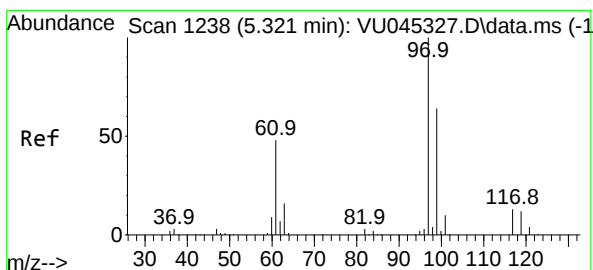
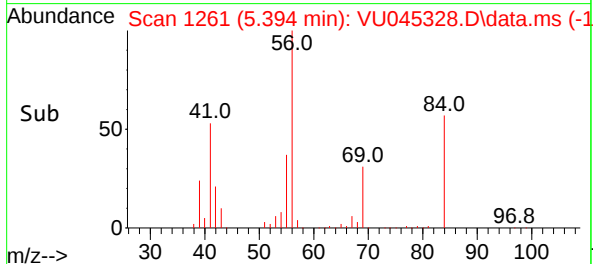
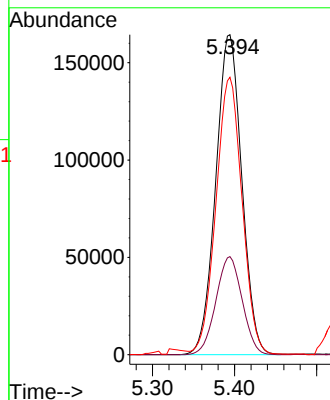
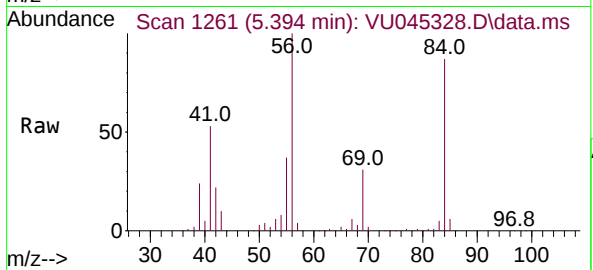
69 30.8 24.8 37.2

84 86.8 70.3 105.5

Instrument :

MSVOA_U

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 85.509 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045328.D

Acq: 19 Oct 2021 13:40

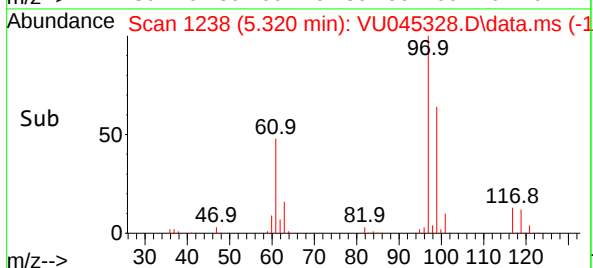
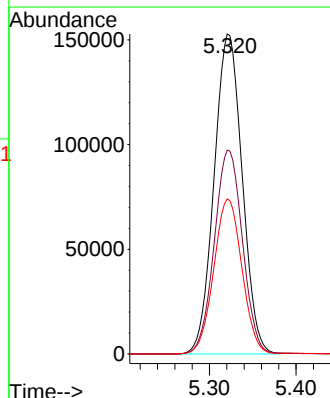
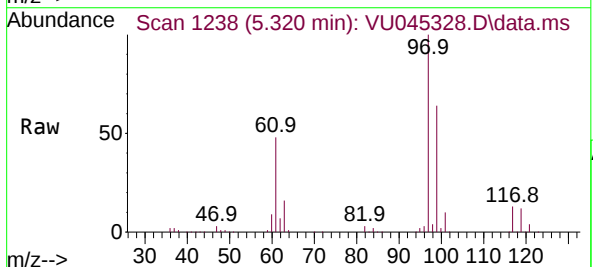
Tgt Ion: 97 Resp: 344769

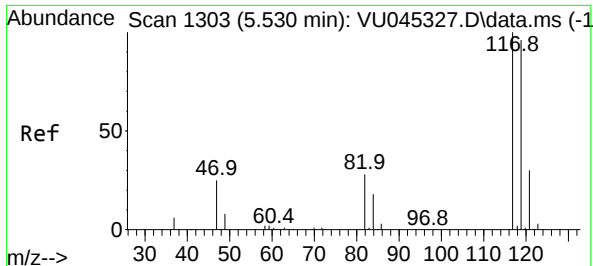
Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

61 48.6 39.2 58.8

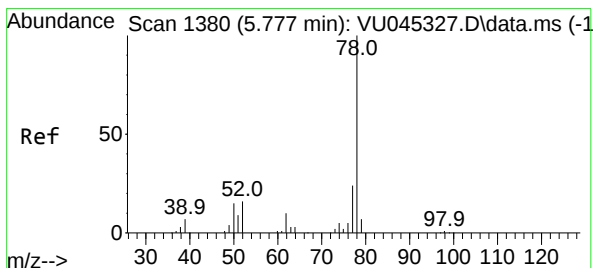
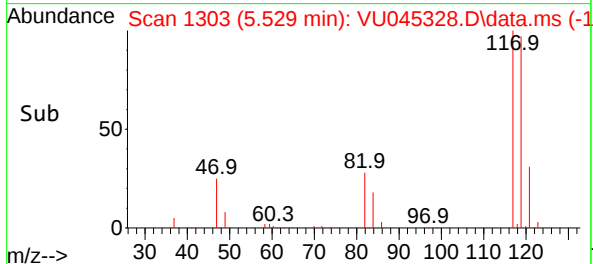
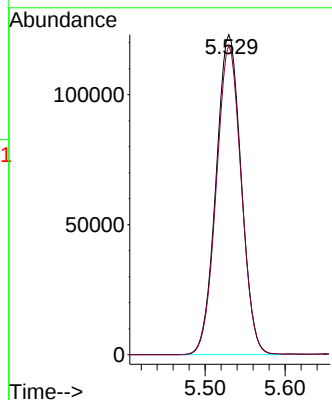
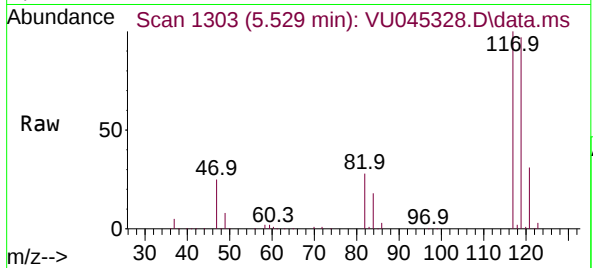




#31
Carbon tetrachloride
Concen: 84.319 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

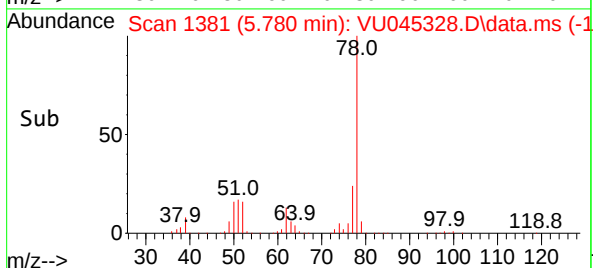
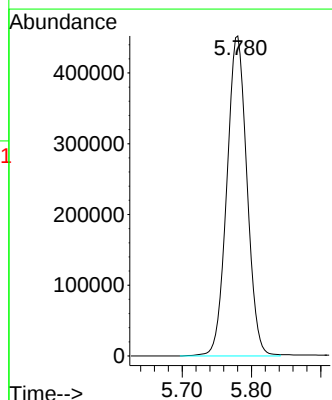
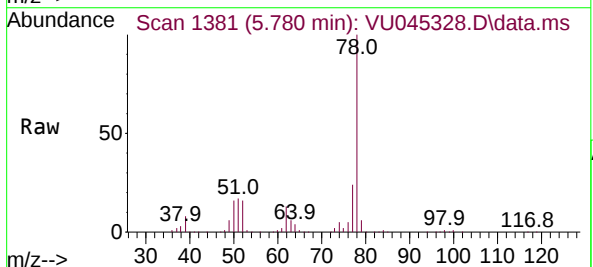
Instrument :
MSVOA_U
ClientSampled :

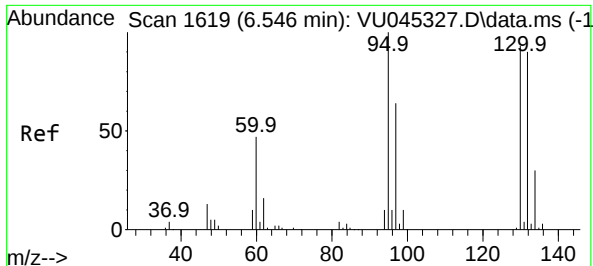
Tgt Ion:117 Resp: 268342
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1



#33
Benzene
Concen: 84.498 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 78 Resp: 911956

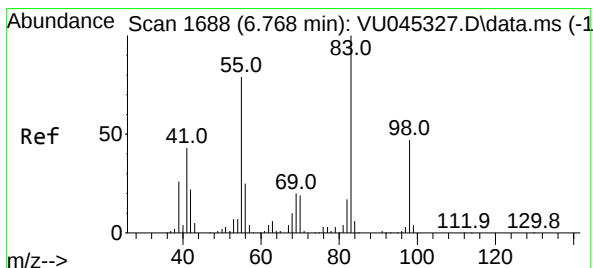
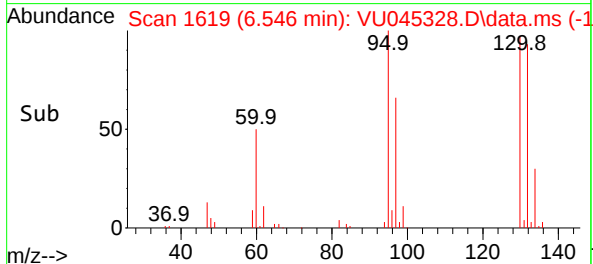
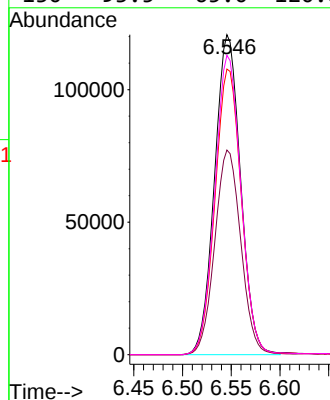
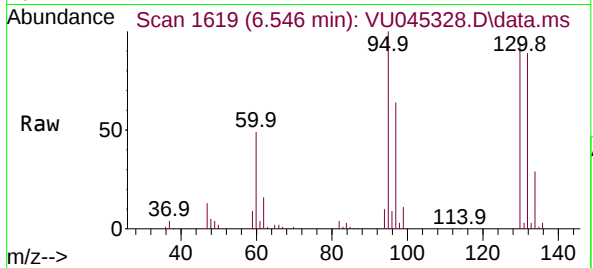




#34
Trichloroethene
Concen: 86.128 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

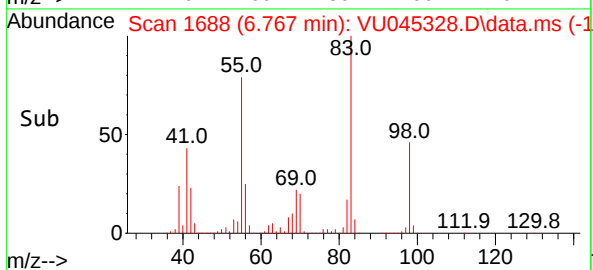
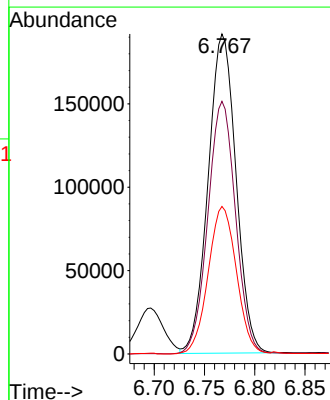
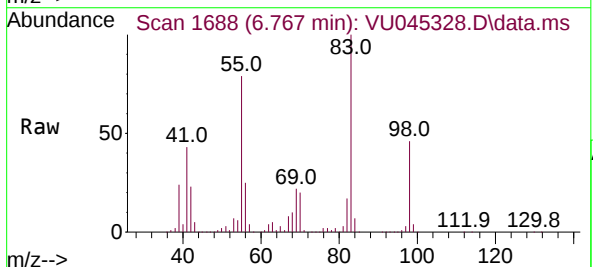
Instrument :
MSVOA_U
ClientSampleId :

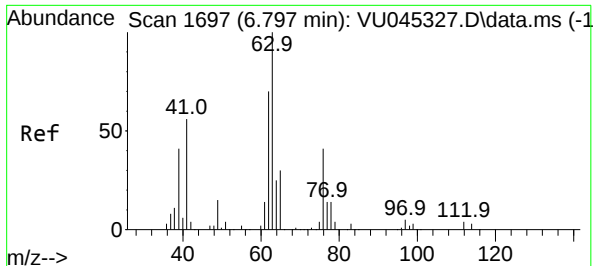
Tgt Ion: 95 Resp: 224800
Ion Ratio Lower Upper
95 100
97 64.0 44.9 83.3
132 89.3 63.0 117.0
130 93.5 65.0 120.8



#35
Methylcyclohexane
Concen: 86.056 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 83 Resp: 368912
Ion Ratio Lower Upper
83 100
55 78.8 63.4 95.0
98 46.9 37.9 56.9



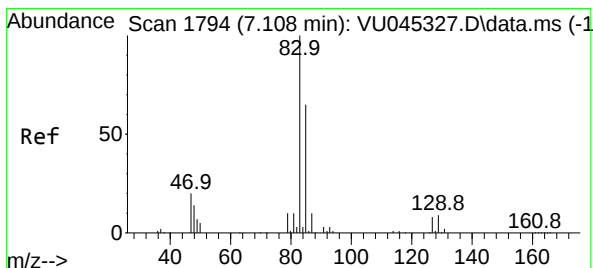
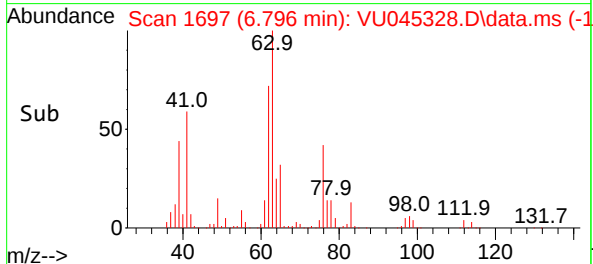
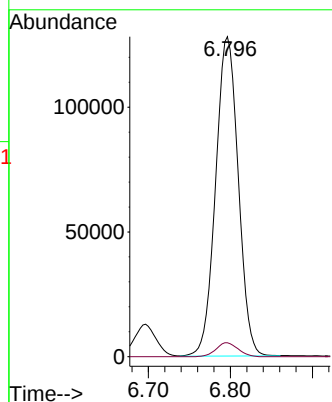
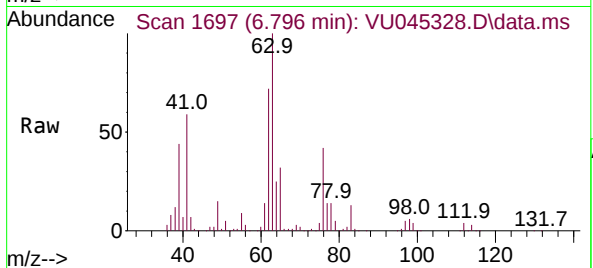


#37

1,2-Dichloropropane
Concen: 83.543 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Instrument :
MSVOA_U
ClientSampled :

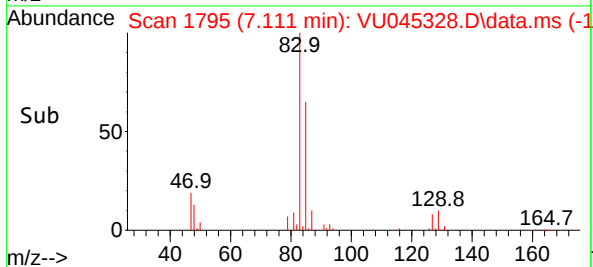
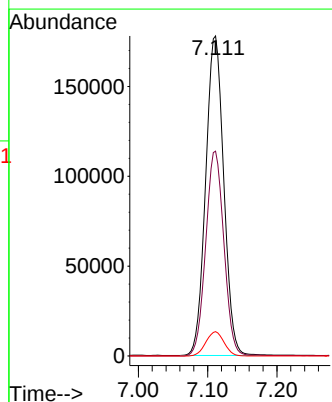
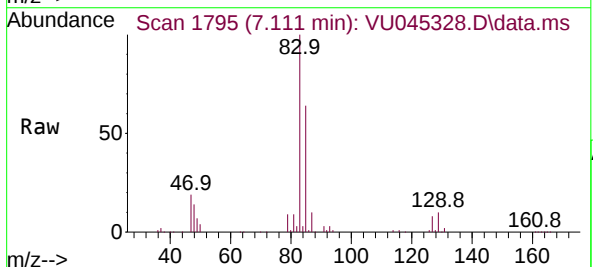
Tgt Ion: 63 Resp: 246001
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9

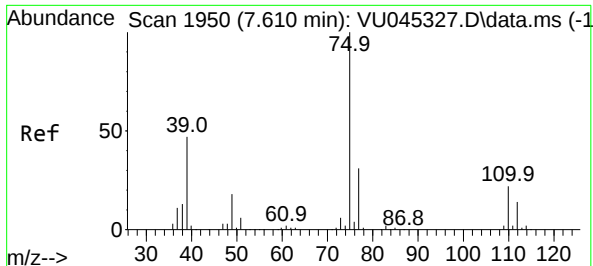


#38

Bromodichloromethane
Concen: 88.600 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 83 Resp: 321555
Ion Ratio Lower Upper
83 100
85 64.0 45.5 84.5
127 7.6 6.3 9.5



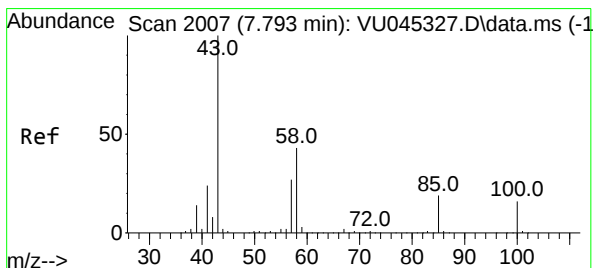
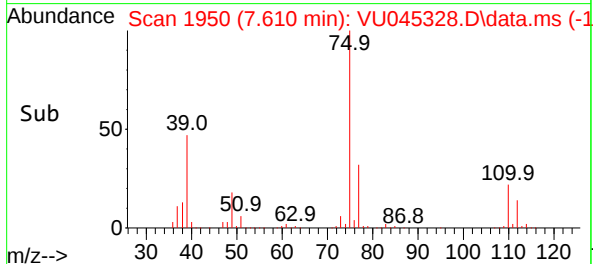
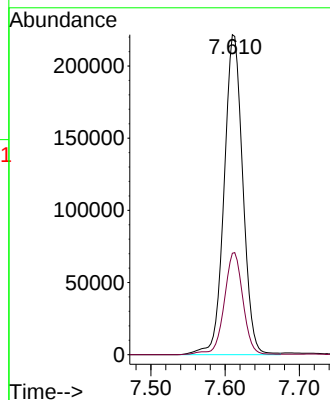
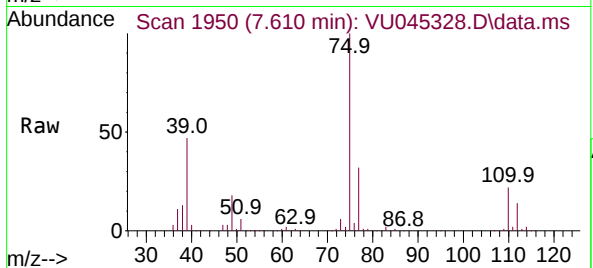


#39

cis-1,3-Dichloropropene
Concen: 91.569 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Instrument :
MSVOA_U
ClientSampled :

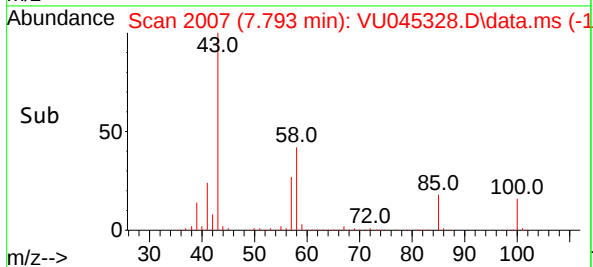
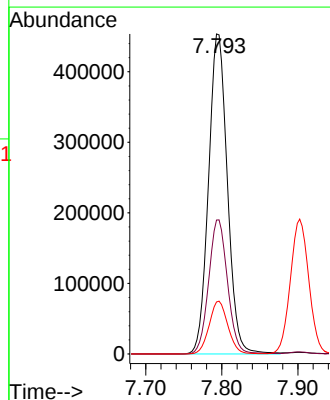
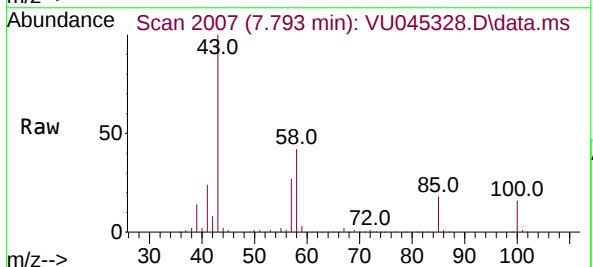
Tgt Ion: 75 Resp: 388820
Ion Ratio Lower Upper
75 100
77 31.7 21.6 40.0

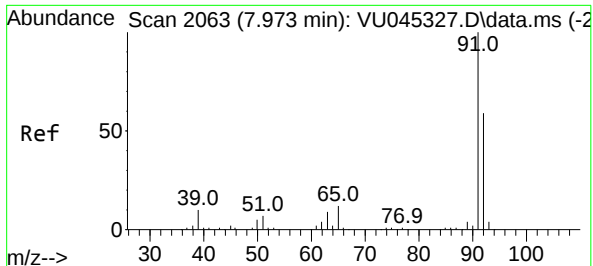


#40

4-Methyl-2-pentanone
Concen: 160.788 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 43 Resp: 781130
Ion Ratio Lower Upper
43 100
58 42.0 33.7 50.5
100 16.4 13.0 19.4

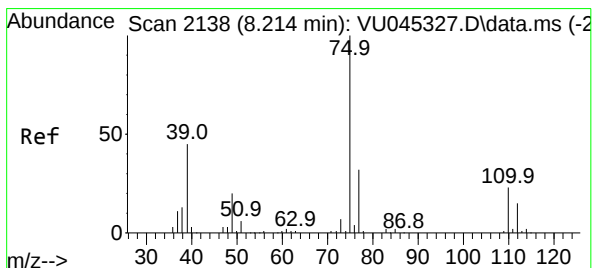
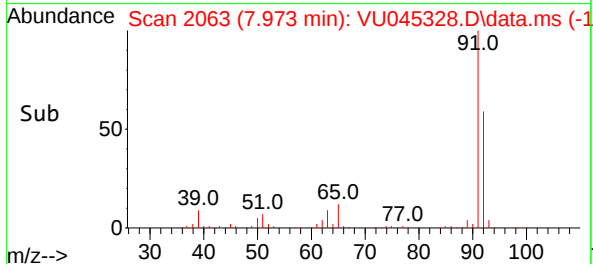
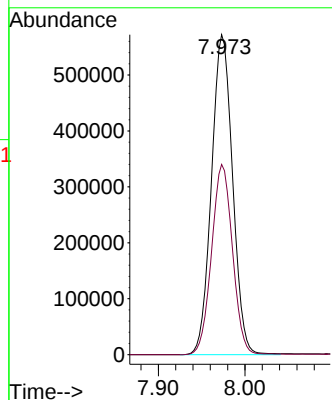
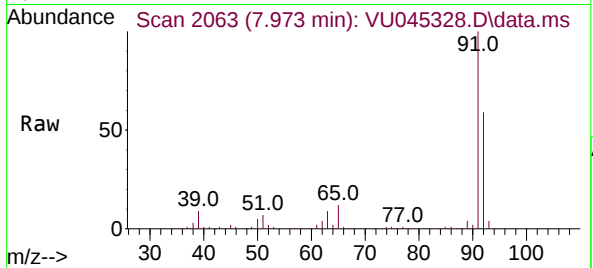




#42
Toluene
Concen: 88.249 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

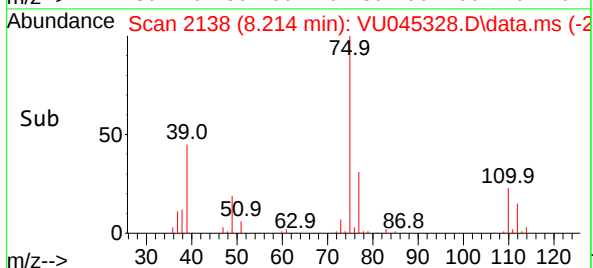
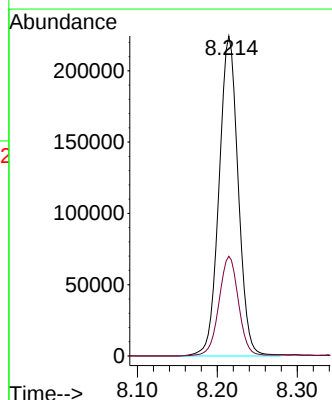
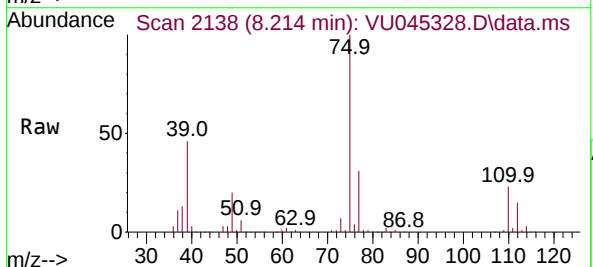
Instrument :
MSVOA_U
ClientSampled :

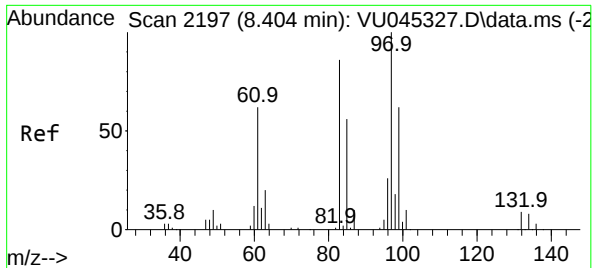
Tgt Ion: 91 Resp: 969103
Ion Ratio Lower Upper
91 100
92 59.5 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 92.103 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 75 Resp: 372247
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.9



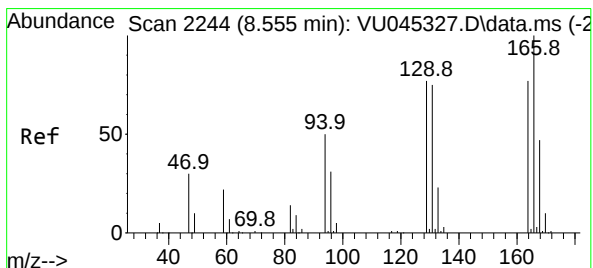
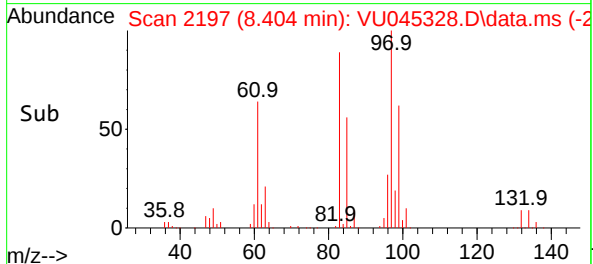
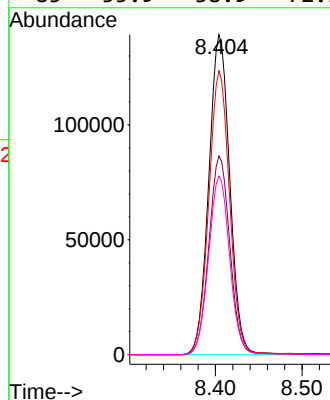
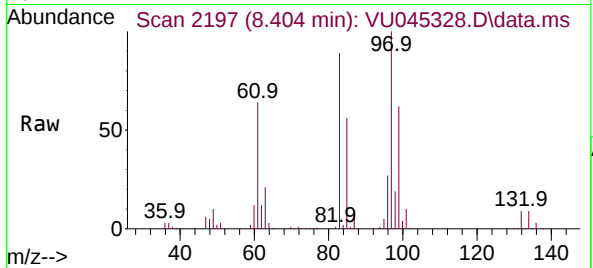


#45
1,1,2-Trichloroethane
Concen: 86.817 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 234238

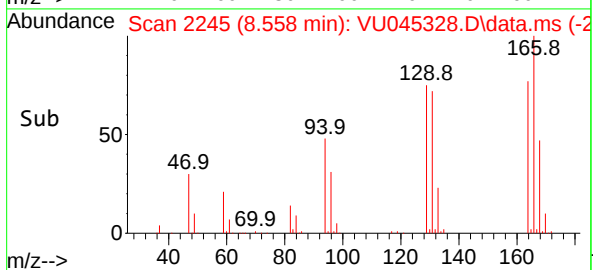
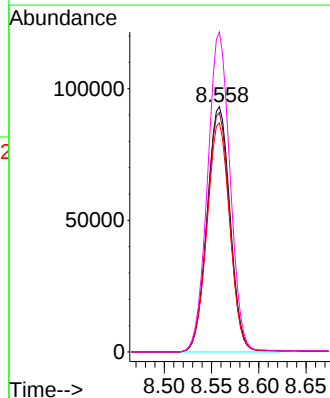
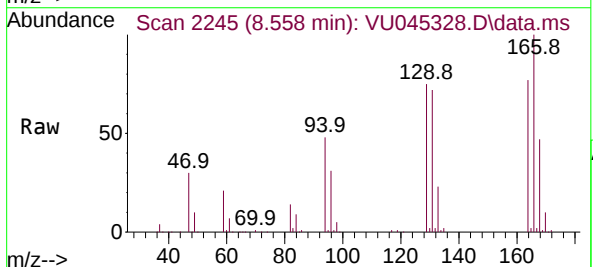
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.0	80.0
83	88.7	60.1	111.5
85	55.9	38.9	72.3

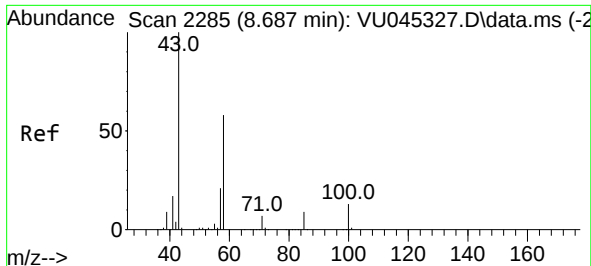


#46
Tetrachloroethene
Concen: 85.268 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 164 Resp: 158059

Ion	Ratio	Lower	Upper
164	100		
129	97.6	69.6	129.2
131	93.4	67.5	125.4
166	130.5	90.4	167.8

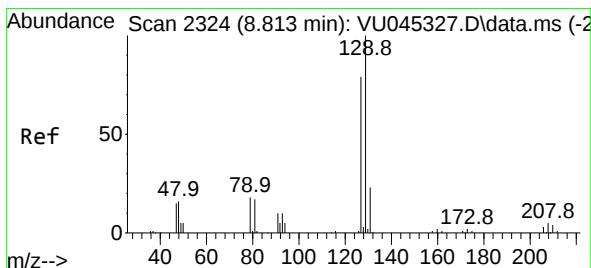
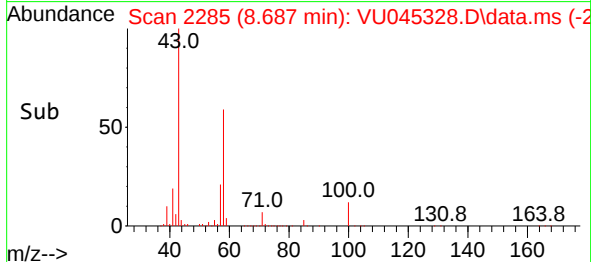
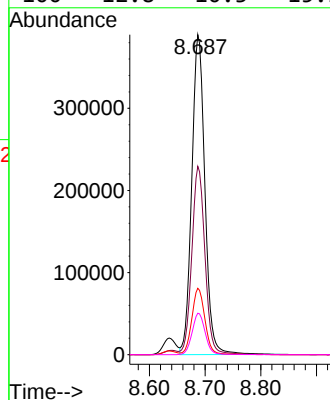
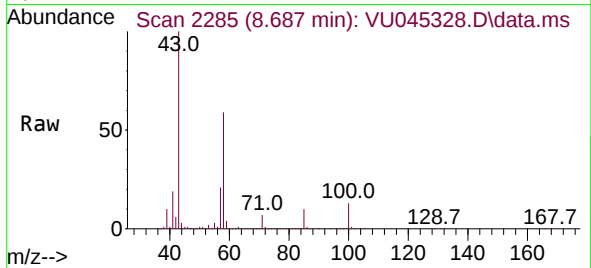




#48
2-Hexanone
Concen: 149.319 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

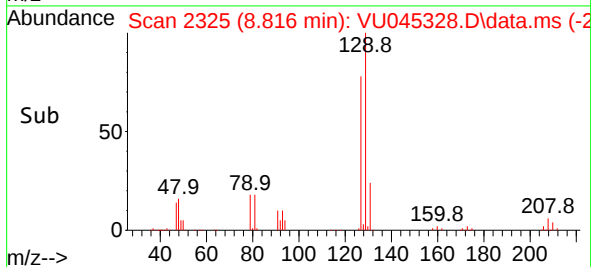
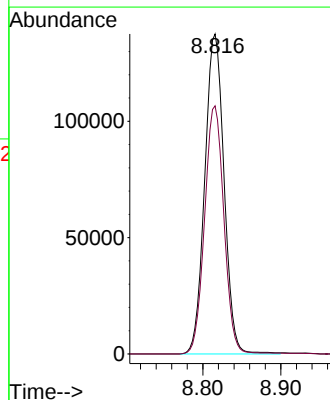
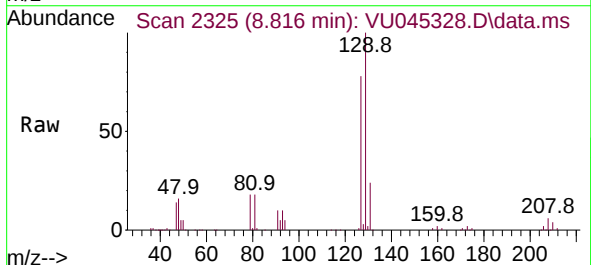
Instrument :
MSVOA_U
ClientSampleId :

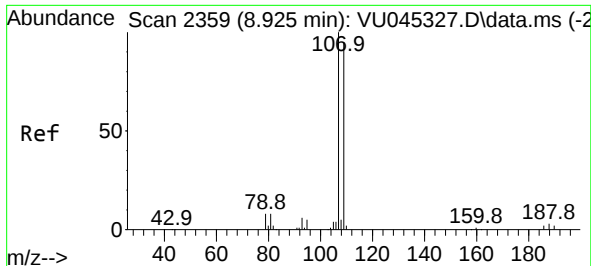
Tgt Ion:	43	Resp:	639022
Ion	Ratio	Lower	Upper
43	100		
58	58.6	45.4	68.0
57	20.4	16.0	24.0
100	12.8	10.3	15.5



#49
Dibromochloromethane
Concen: 88.869 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:	129	Resp:	236644
Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.3	102.7





#50

1,2-Dibromoethane

Concen: 86.847 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.003 min

Lab File: VU045328.D

Acq: 19 Oct 2021 13:40

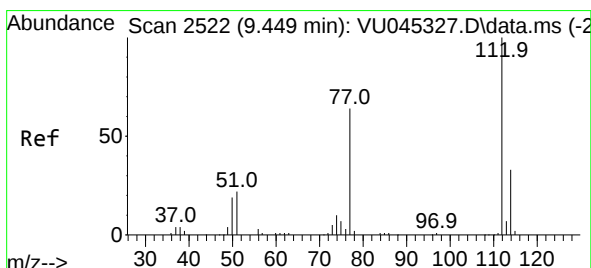
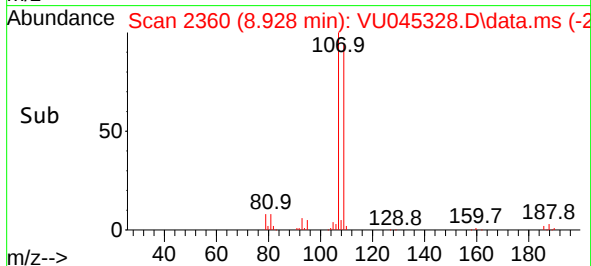
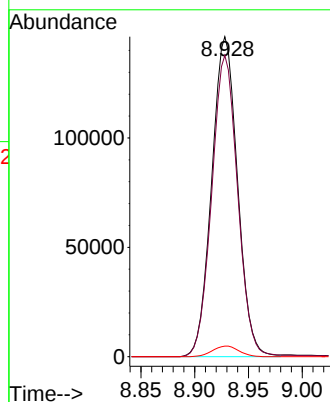
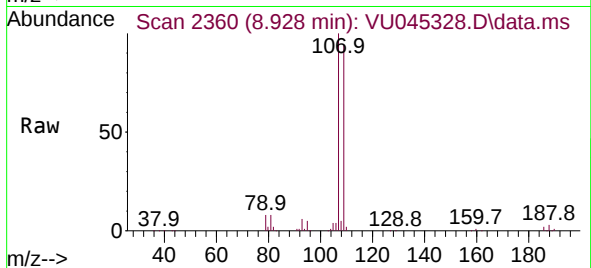
Tgt Ion:107 Resp: 244470

Ion Ratio Lower Upper

107 100

109 94.1 66.6 123.6

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 87.818 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU045328.D

Acq: 19 Oct 2021 13:40

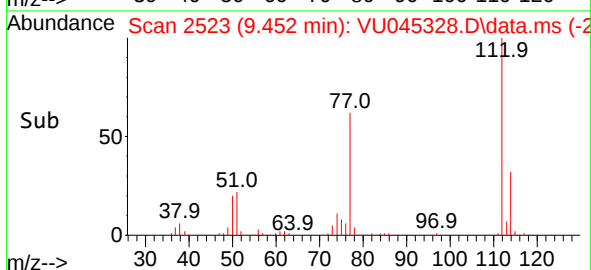
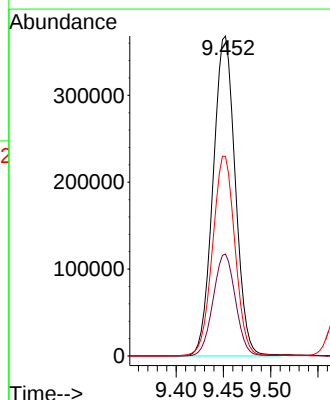
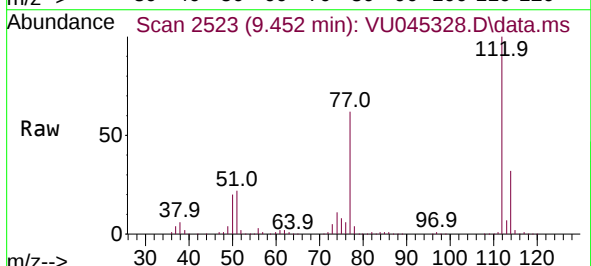
Tgt Ion:112 Resp: 602031

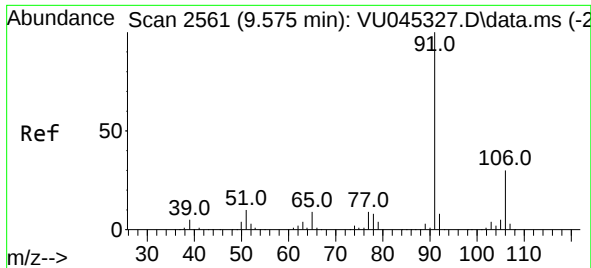
Ion Ratio Lower Upper

112 100

114 31.9 22.8 42.4

77 62.4 51.3 76.9

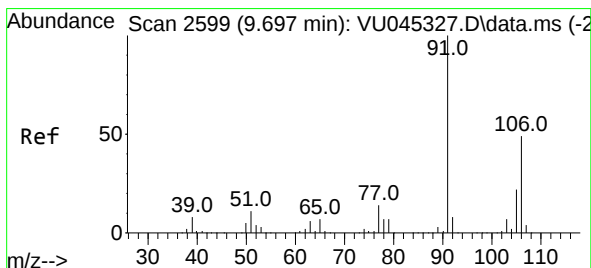
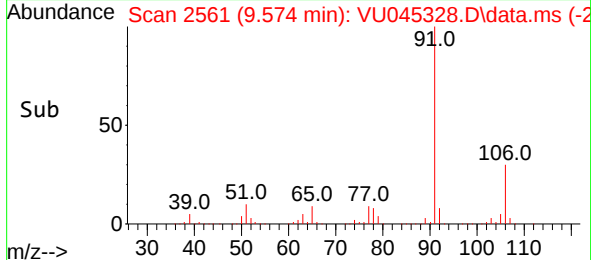
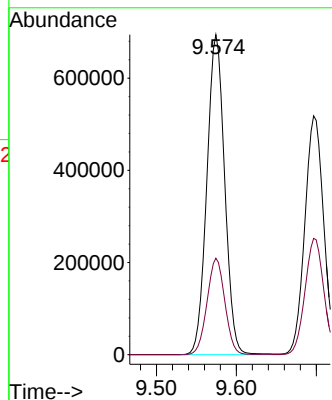
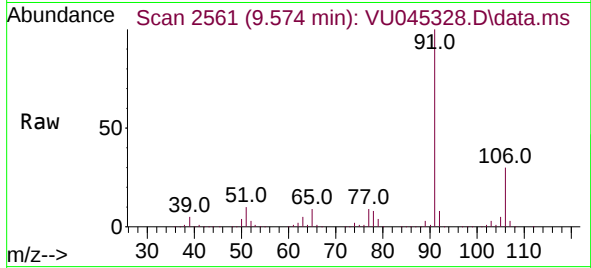




#52
Ethylbenzene
Concen: 91.902 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

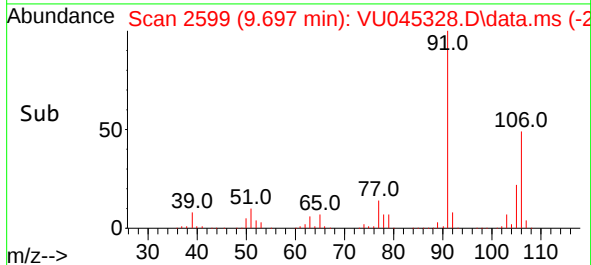
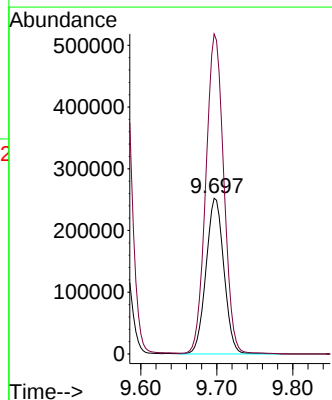
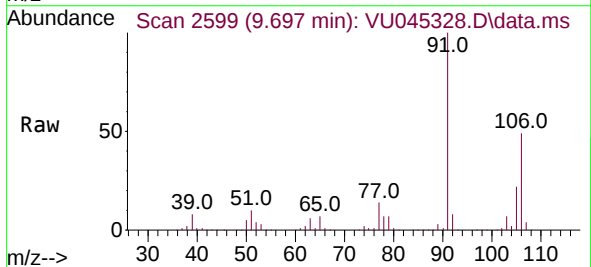
Instrument :
MSVOA_U
ClientSampled :

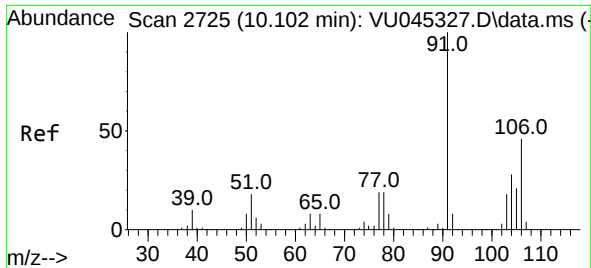
Tgt Ion: 91 Resp: 1075337
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3



#53
m,p-Xylene
Concen: 93.109 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:106 Resp: 412939
Ion Ratio Lower Upper
106 100
91 205.5 144.4 268.2

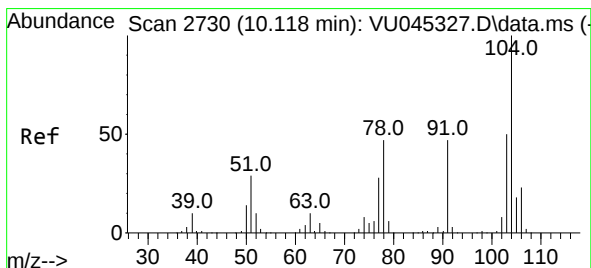
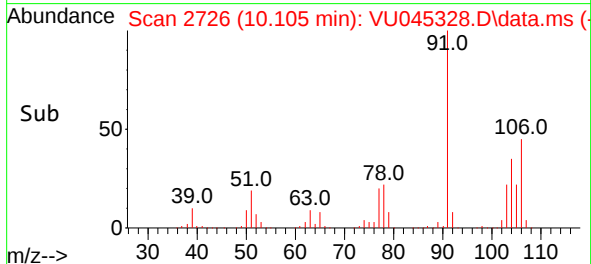
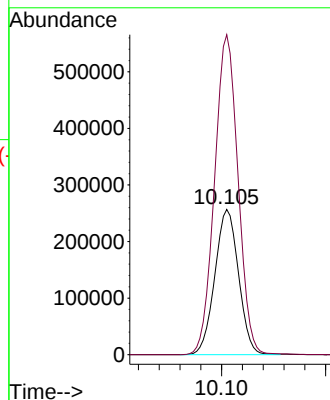
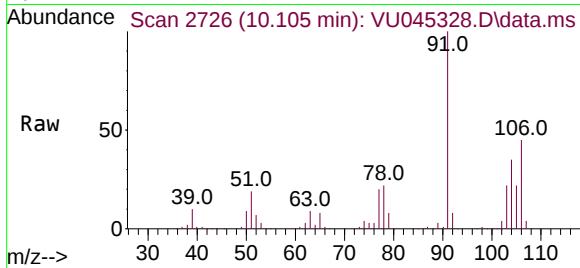




#54
o-xylene
Concen: 93.143 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

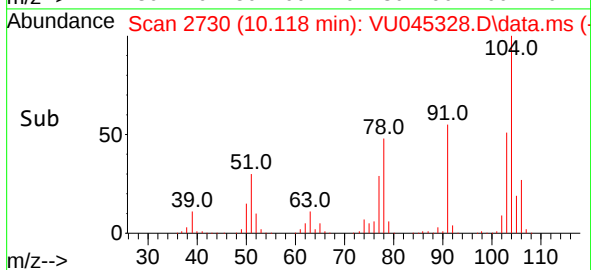
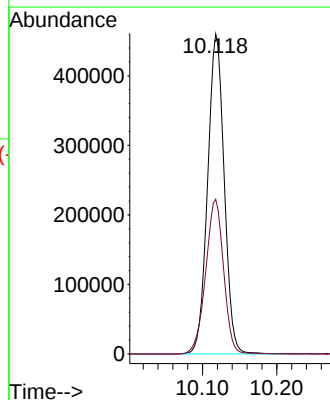
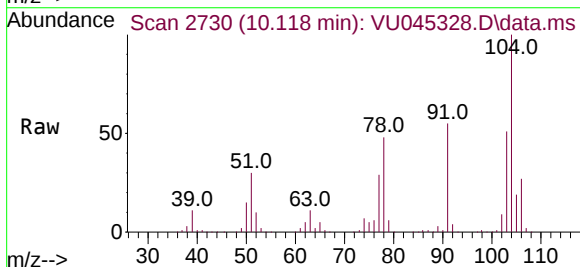
Instrument :
MSVOA_U
ClientSampled :

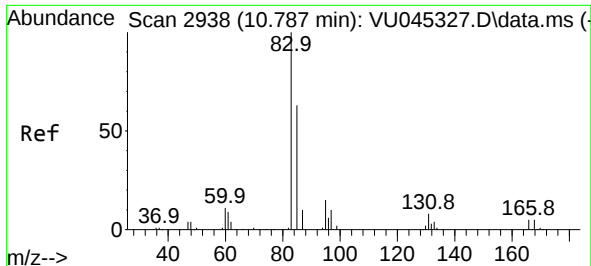
Tgt Ion:106 Resp: 406608
Ion Ratio Lower Upper
106 100
91 220.3 151.1 280.5



#55
Styrene
Concen: 94.865 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:104 Resp: 711810
Ion Ratio Lower Upper
104 100
78 48.4 32.7 60.7

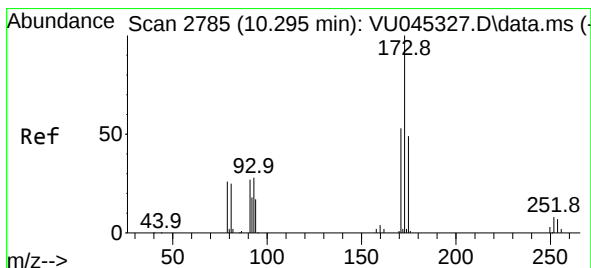
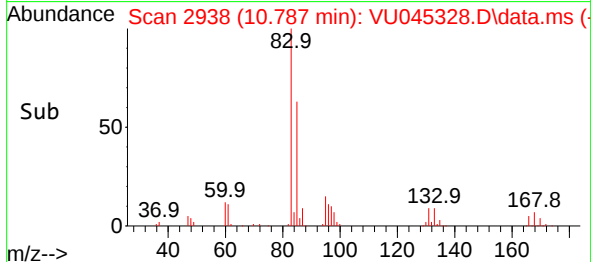
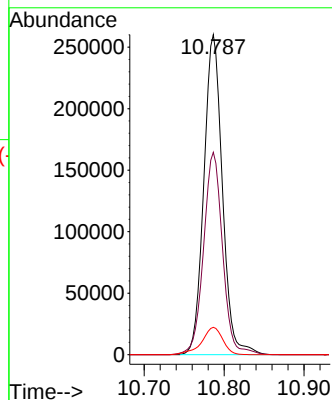
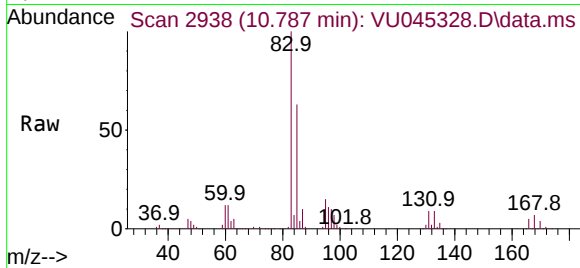




#57
1,1,2,2-Tetrachloroethane
Concen: 81.712 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

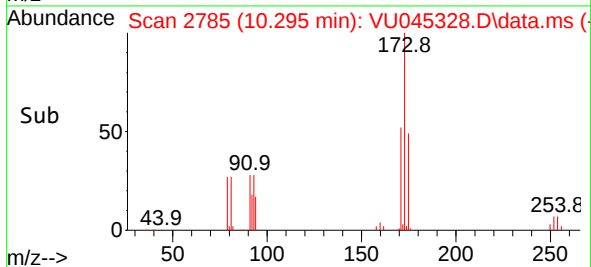
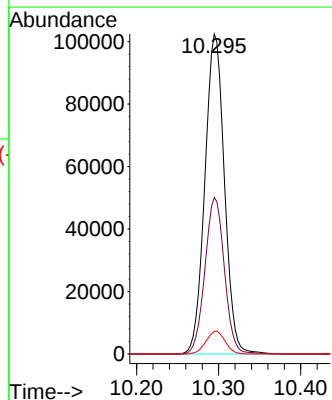
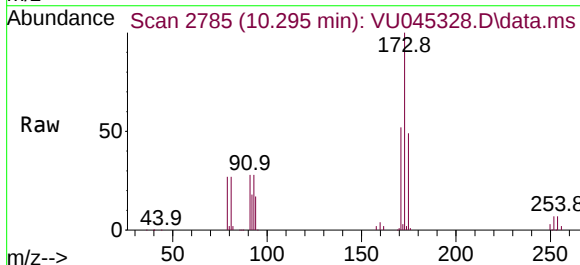
Instrument :
MSVOA_U
ClientSampleId :

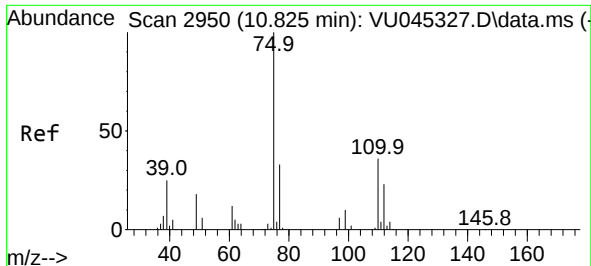
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.4	82.5
131	8.6	6.8	10.2



#59
Bromoform
Concen: 90.098 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.3	58.9
254	7.0	5.8	8.6

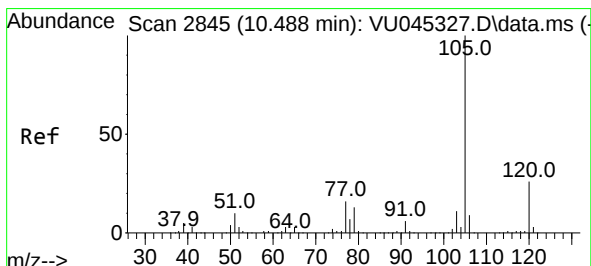
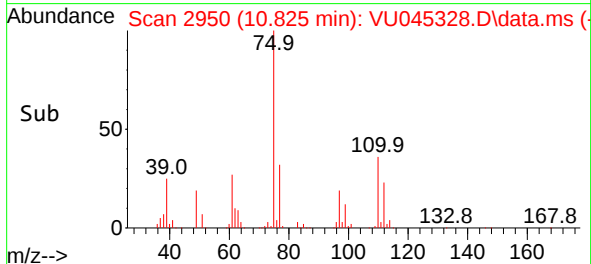
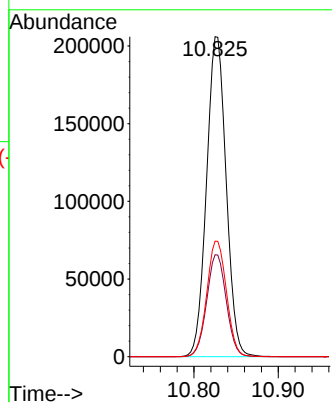
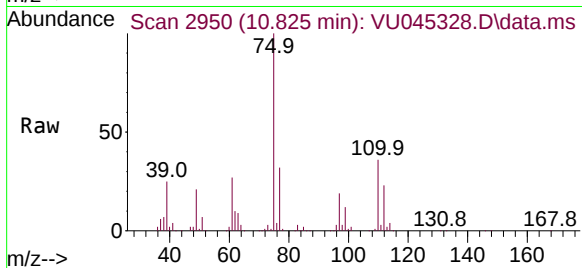




#60
1,2,3-Trichloropropane
Concen: 79.922 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

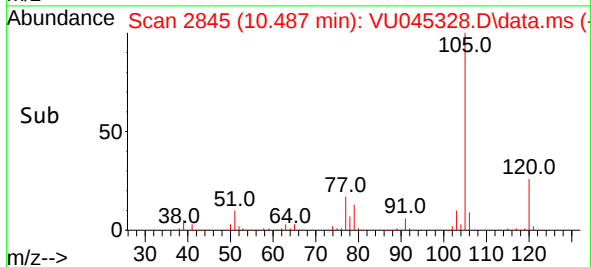
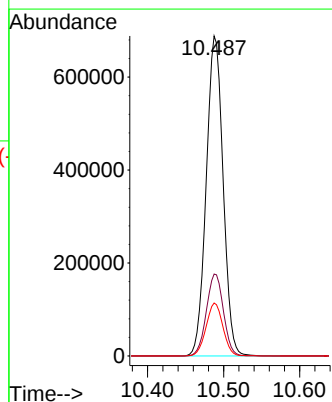
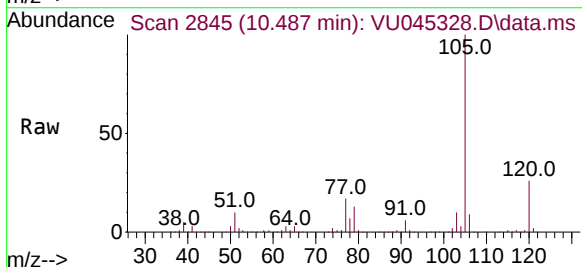
Instrument :
MSVOA_U
ClientSampleId :

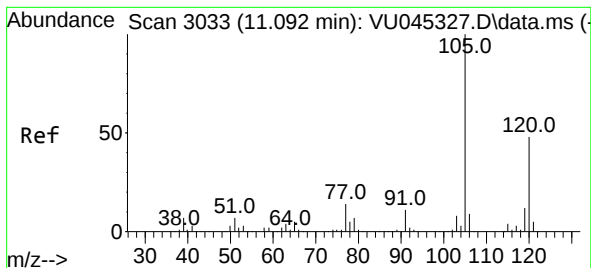
Tgt Ion: 75 Resp: 334018
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 36.3 28.8 43.2



#61
Isopropylbenzene
Concen: 95.184 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:105 Resp: 1060908
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.5 13.2 19.8

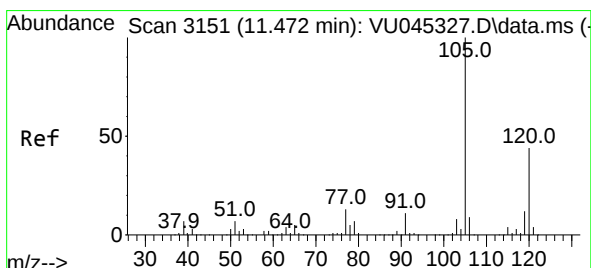
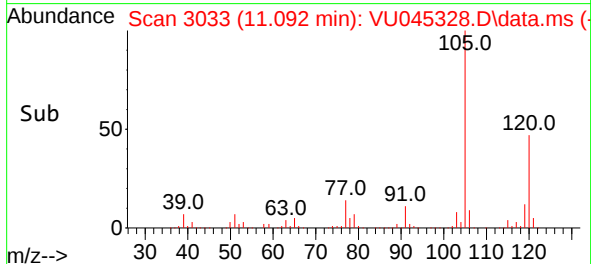
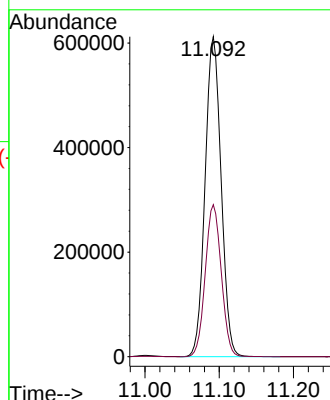
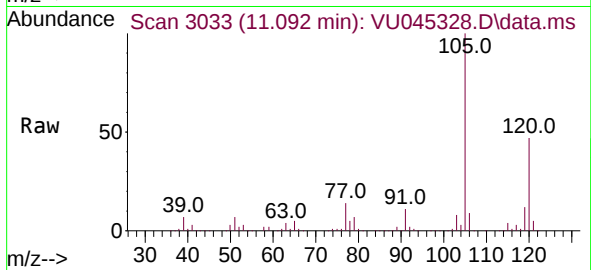




#62
1,3,5-Trimethylbenzene
Concen: 98.163 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

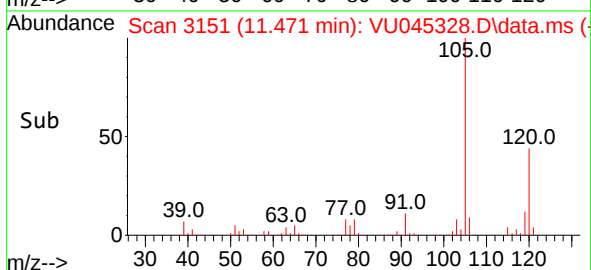
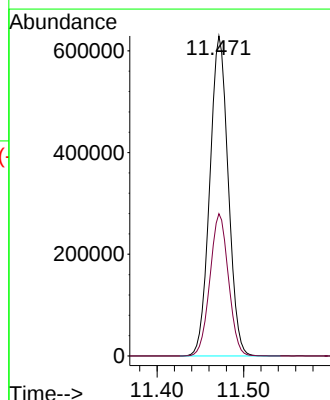
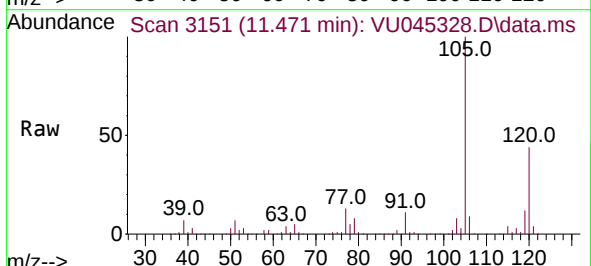
Instrument :
MSVOA_U
ClientSampleId :

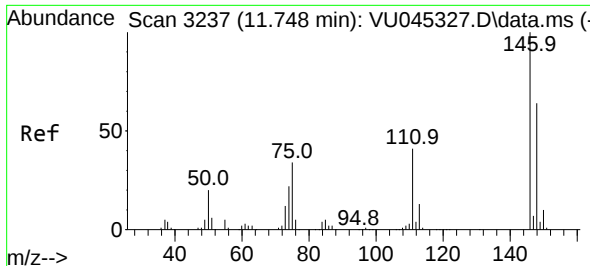
Tgt Ion:105 Resp: 914806
Ion Ratio Lower Upper
105 100
120 47.5 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 97.629 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:105 Resp: 929374
Ion Ratio Lower Upper
105 100
120 44.6 35.5 53.3

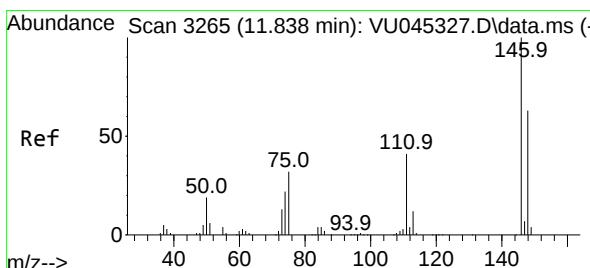
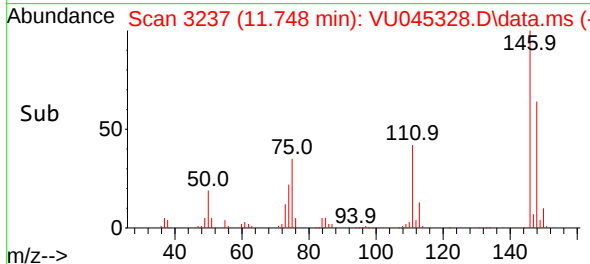
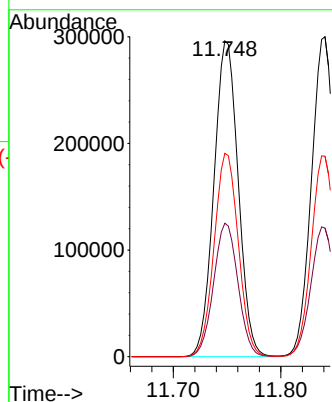
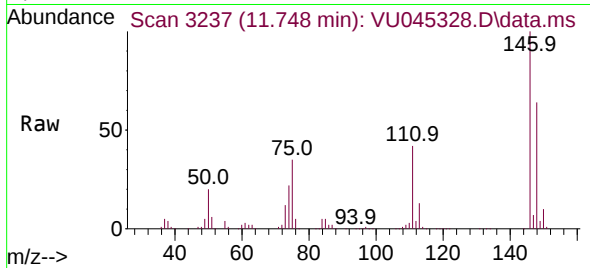




#64
1,3-Dichlorobenzene
Concen: 89.671 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

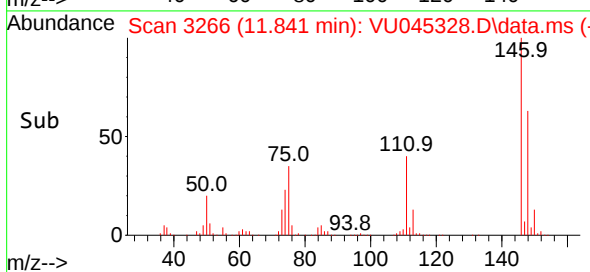
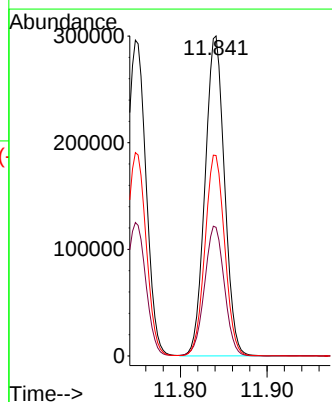
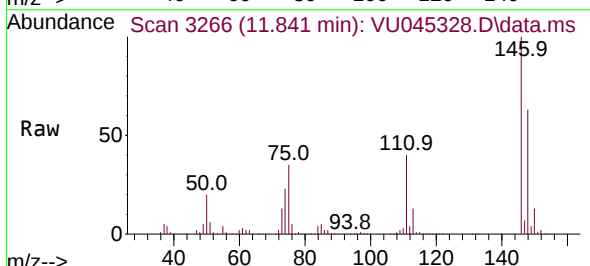
Instrument :
MSVOA_U
ClientSampleId :

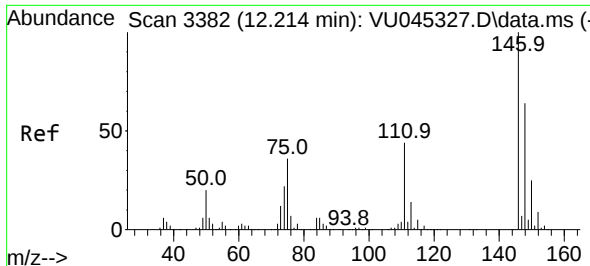
Tgt Ion:146 Resp: 464852
Ion Ratio Lower Upper
146 100
111 42.2 29.0 53.9
148 64.4 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 88.178 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:146 Resp: 468164
Ion Ratio Lower Upper
146 100
111 40.2 28.6 53.2
148 62.7 44.2 82.0

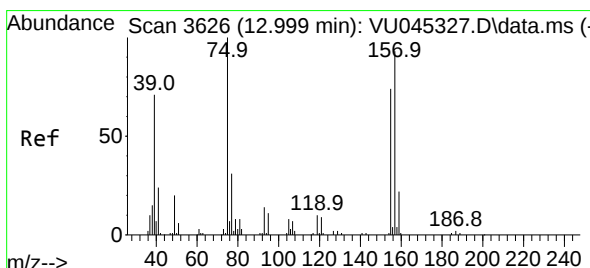
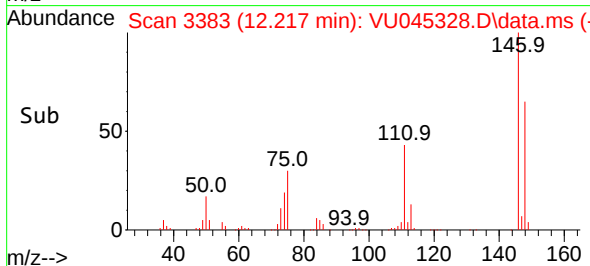
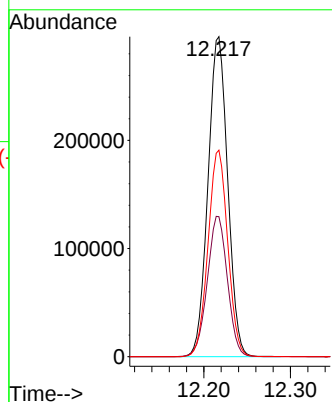
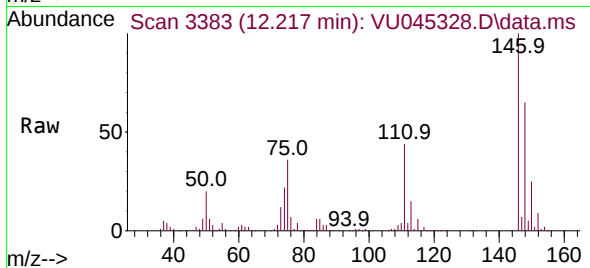




#67
1,2-Dichlorobenzene
Concen: 88.254 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

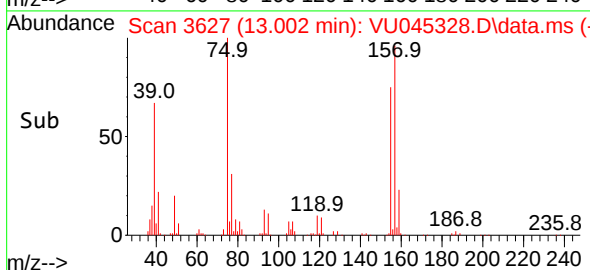
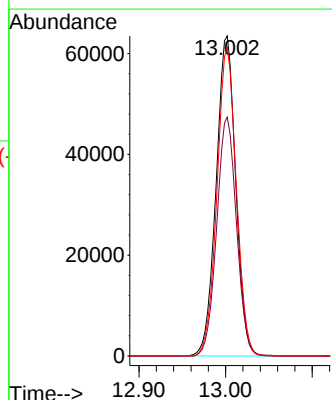
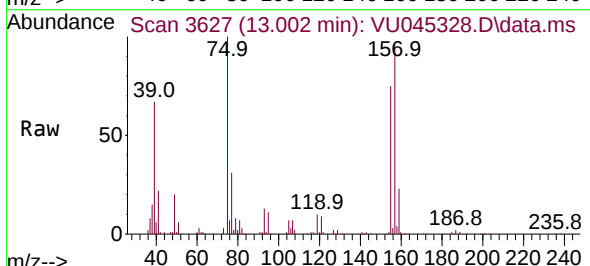
Instrument :
MSVOA_U
ClientSampled :

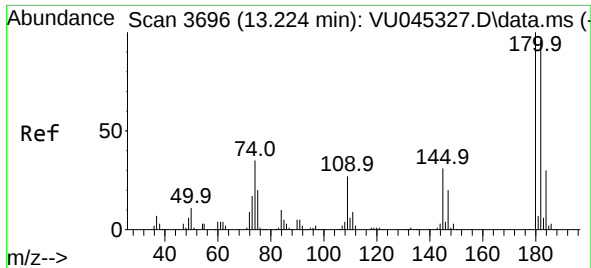
Tgt Ion:146 Resp: 467279
Ion Ratio Lower Upper
146 100
111 43.7 35.2 52.8
148 64.5 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 84.029 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion: 75 Resp: 99752
Ion Ratio Lower Upper
75 100
155 74.7 61.9 92.9
157 96.4 74.1 111.1

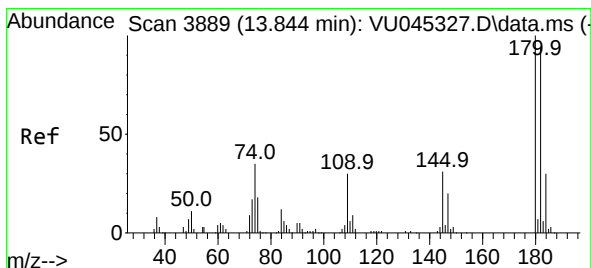
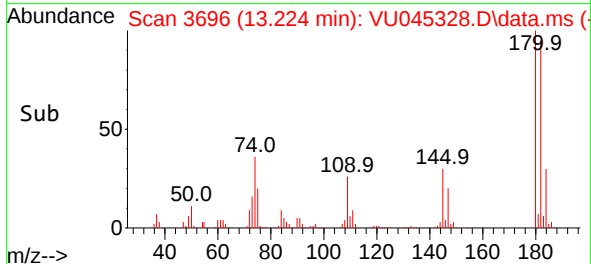
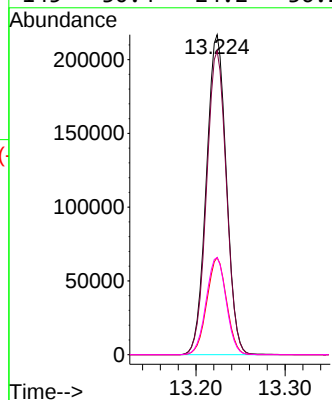
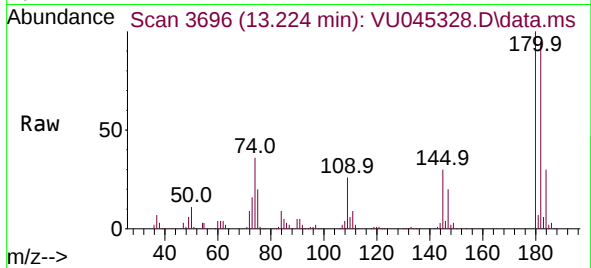




#69
 1,3,5-Trichlorobenzene
 Concen: 94.128 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU045328.D
 Acq: 19 Oct 2021 13:40

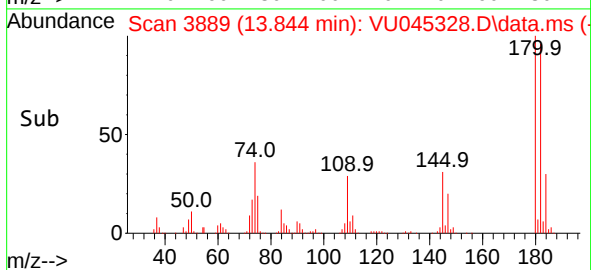
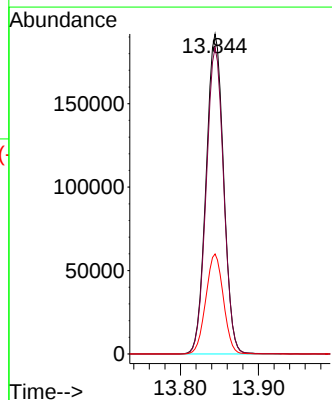
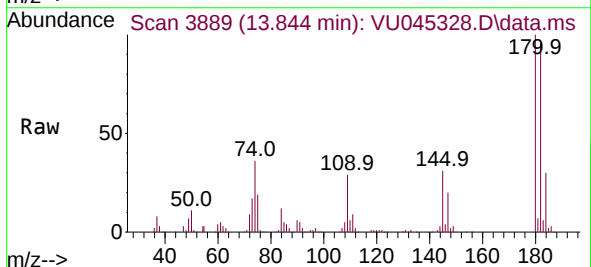
Instrument :
 MSVOA_U
 ClientSampleId :

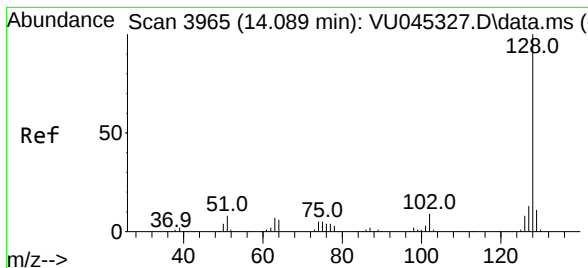
Tgt Ion:180 Resp: 336892
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.0 114.0
 184 29.9 23.8 35.8
 145 30.4 24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 101.023 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU045328.D
 Acq: 19 Oct 2021 13:40

Tgt Ion:180 Resp: 299481
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.7 113.5
 145 31.3 25.1 37.7

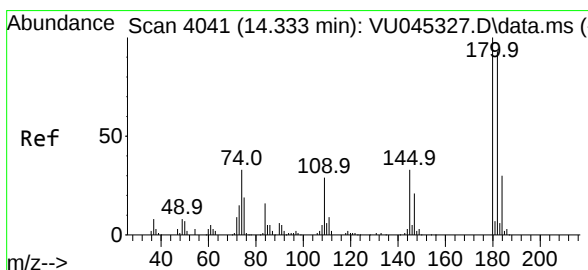
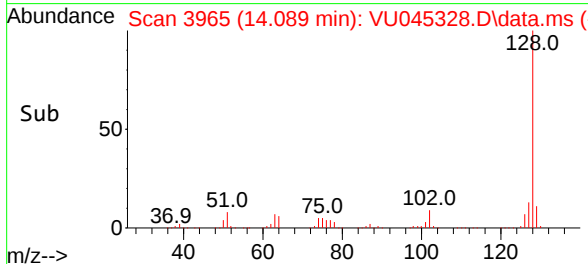
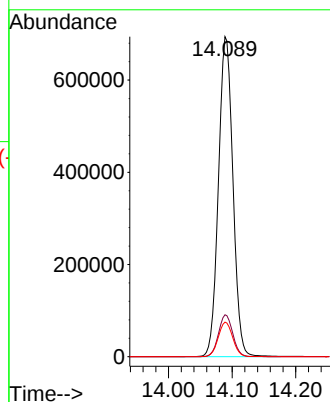
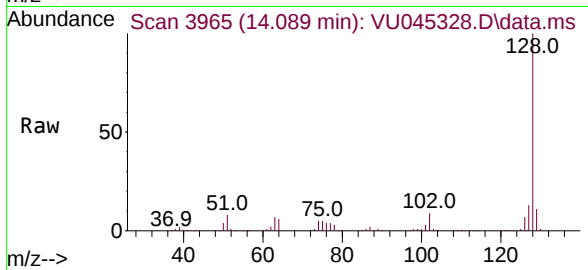




#71
Naphthalene
Concen: 107.896 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1097271
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 99.784 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045328.D
Acq: 19 Oct 2021 13:40

Tgt Ion:180 Resp: 301051
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.4
145 33.2 26.4 39.6

