

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028483.D
 Acq On : 02 May 2022 19:08
 Operator : JC/MD
 Sample : N2658-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40819

Quant Time: May 03 04:53:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

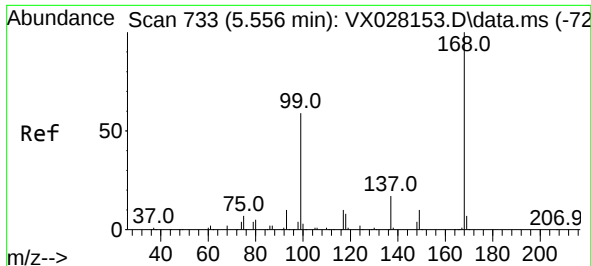
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	360630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	632892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	614508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	298579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	262703	55.868	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.740%	
35) Dibromofluoromethane	5.391	113	237517	53.514	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.020%	
50) Toluene-d8	8.653	98	878238	51.518	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	319813	49.065	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.140%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	439	Below Cal		96
5) Bromomethane	1.611	94	1023	Below Cal		96
6) Chloroethane	1.672	64	117	Below Cal	#	45
8) Diethyl Ether	2.050	74	19	Below Cal	#	1
10) Methyl Iodide	2.459	142	411	5.327 ug/l	#	78
11) Tert butyl alcohol	2.947	59	647	Below Cal	#	72
16) Acetone	2.380	43	19092	11.964 ug/l		91
18) Methyl Acetate	2.709	43	1156	0.277 ug/l	#	68
20) Methylene Chloride	2.794	84	1383	0.396 ug/l	#	91
25) 2-Butanone	4.568	43	2941	1.056 ug/l		98
31) Cyclohexane	5.562	56	7278	1.270 ug/l	#	27
36) 1,1-Dichloropropene	5.556	75	27017	4.667 ug/l	#	50
37) Ethyl Acetate	4.568	43	2941	0.501 ug/l	#	69
38) Carbon Tetrachloride	5.556	117	36940	5.652 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.574	43	2523	0.411 ug/l		92
76) 1,2,3-Trichloropropane	11.079	75	160996	27.398 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	160996	81.419 ug/l	#	15
90) Hexachloroethane	12.561	117	562	1.976 ug/l	#	10

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

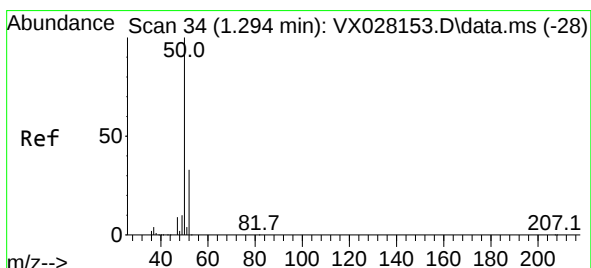
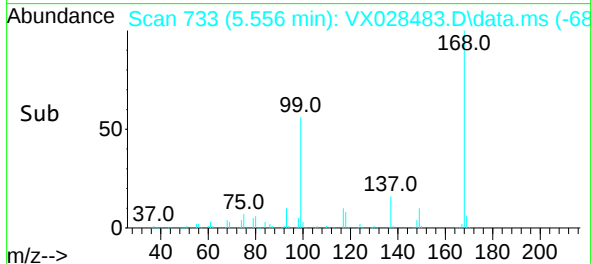
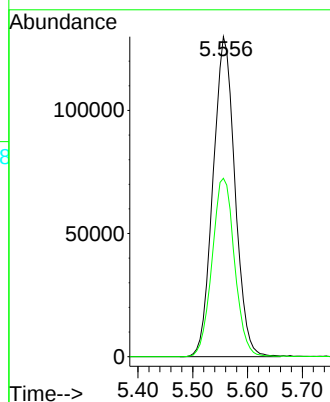
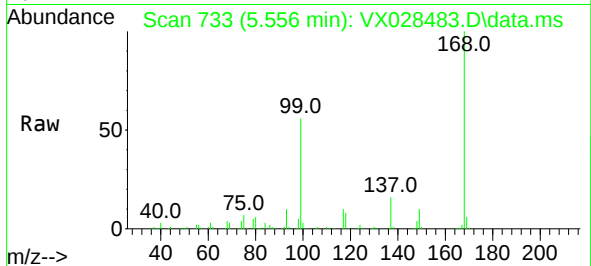




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

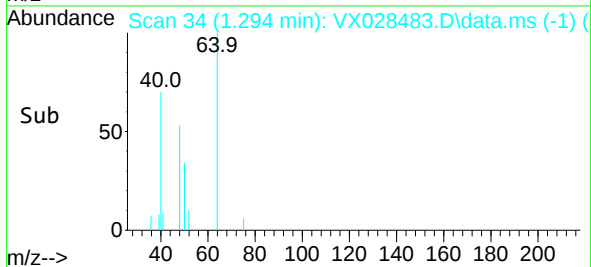
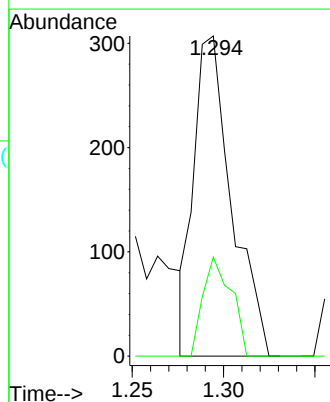
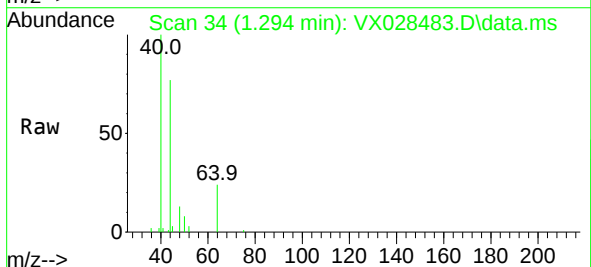
Instrument :
MSVOA_X
ClientSampleId :
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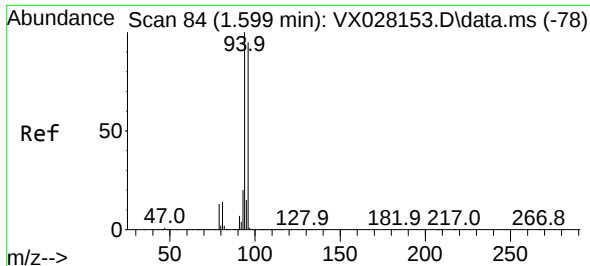
Tgt Ion:168 Resp: 360630
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 30.9 26.4 39.6

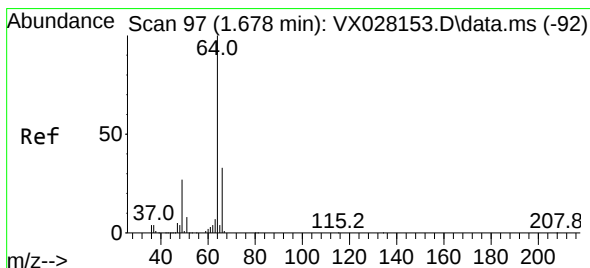
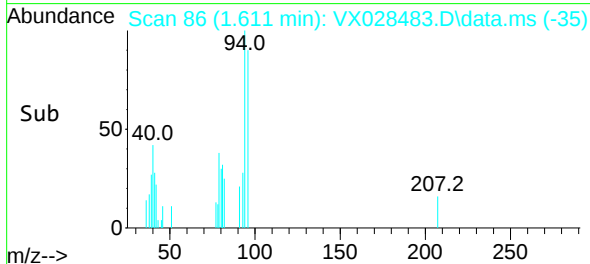
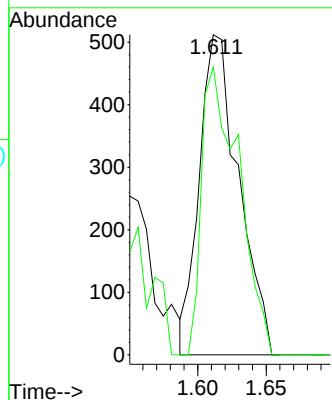
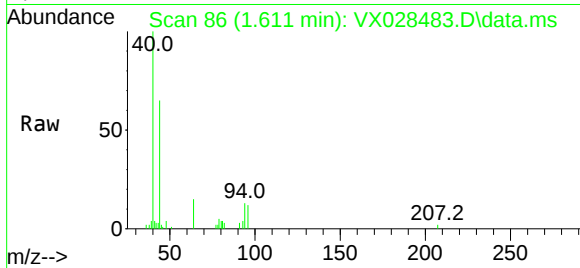




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

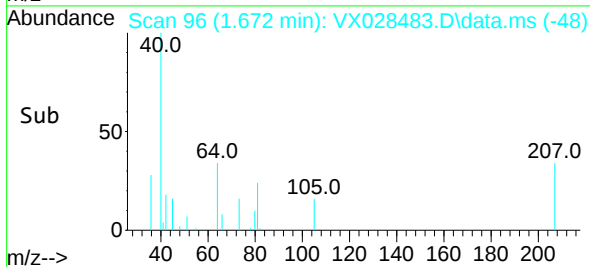
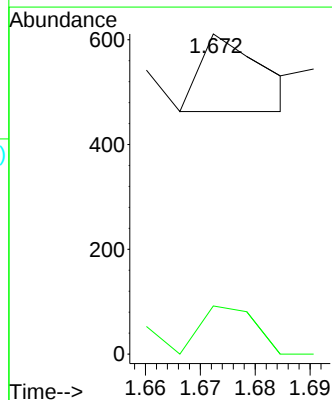
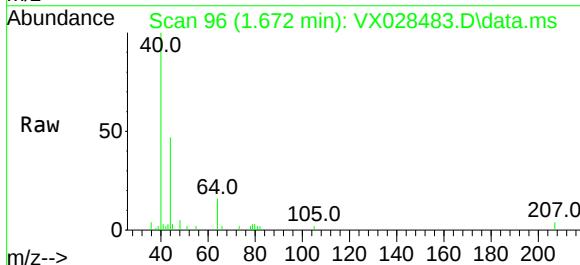
Instrument :
MSVOA_X
ClientSampleId :
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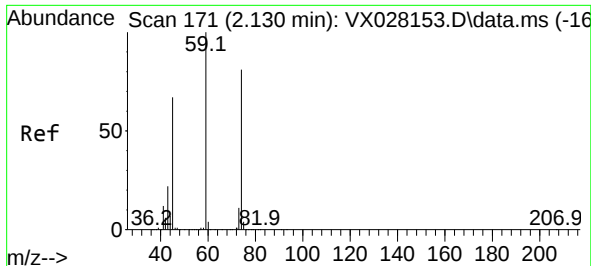
Tgt Ion: 94 Resp: 1023
Ion Ratio Lower Upper
94 100
96 89.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 62.2 25.3 37.9#

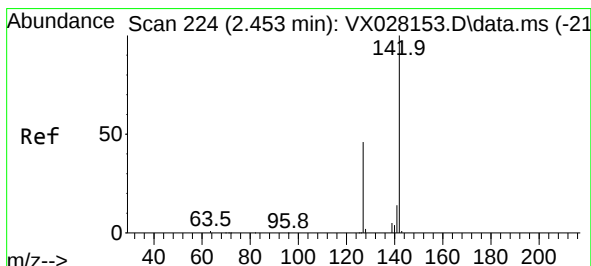
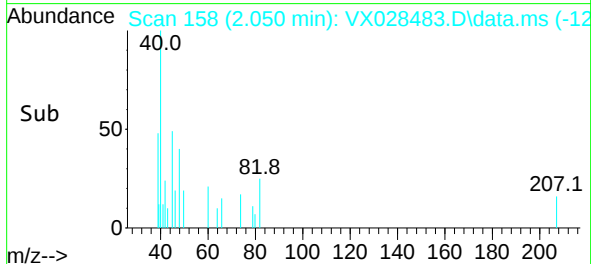
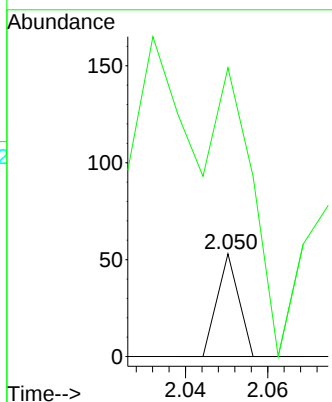
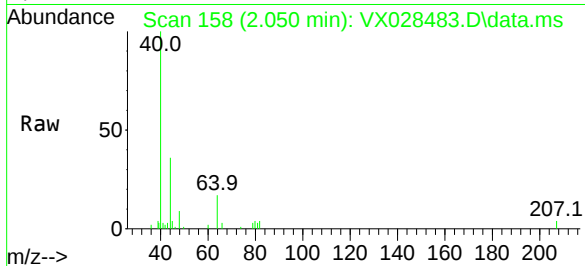




#8
Diethyl Ether
Concen: Below Cal
RT: 2.050 min Scan# 11
Delta R.T. -0.080 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

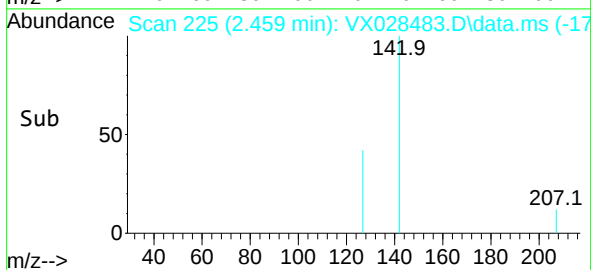
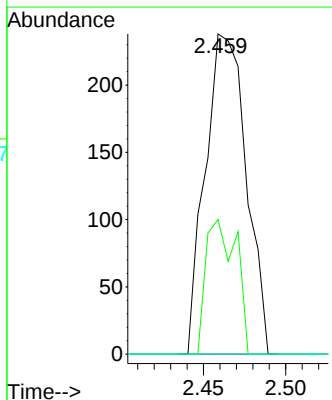
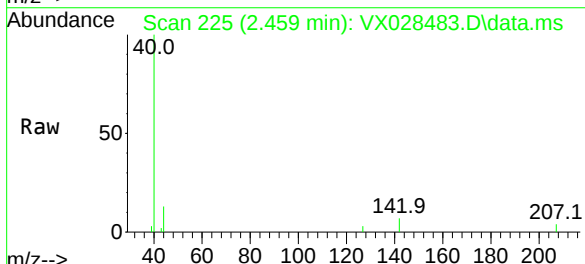
Instrument :
MSVOA_X
ClientSampleId :
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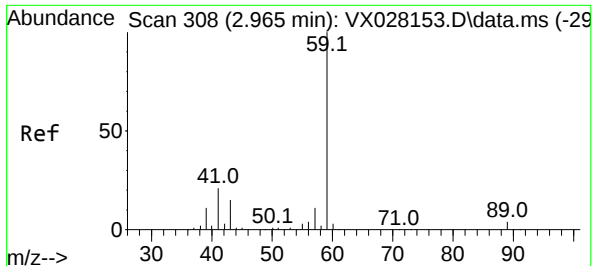
Tgt Ion: 74 Resp: 19
Ion Ratio Lower Upper
74 100
45 1389.5 42.0 126.0#



#10
Methyl Iodide
Concen: 5.327 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
127 31.1 33.9 50.9#
141 0.0 11.4 17.2#

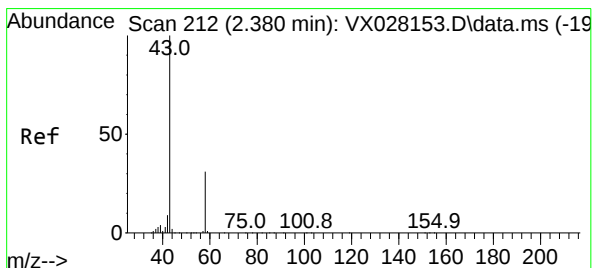
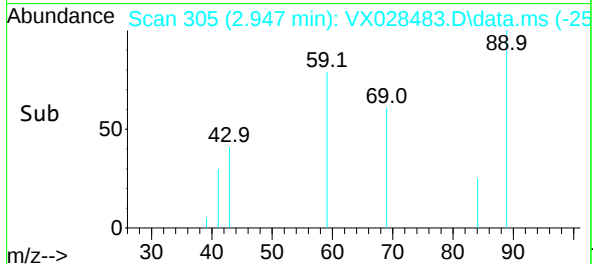
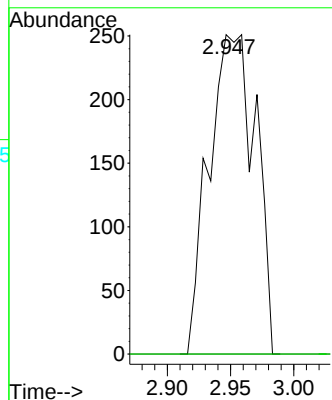
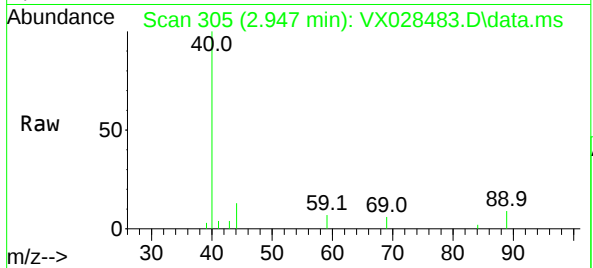




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

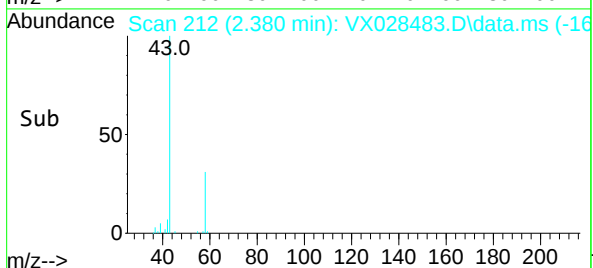
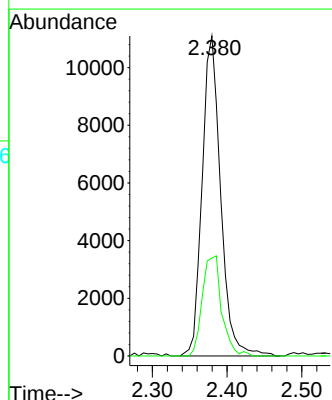
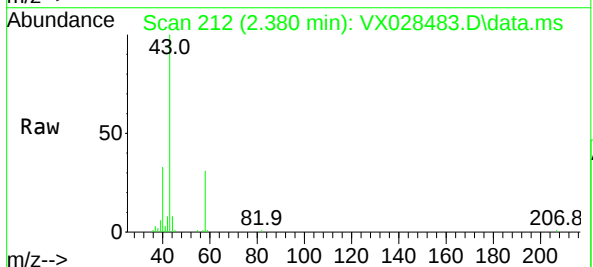
Instrument :
MSVOA_X
ClientSampleId :
40819

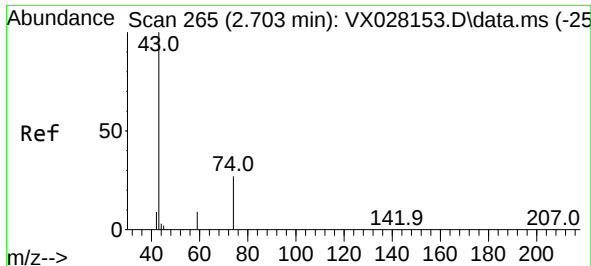
Tgt Ion: 59 Resp: 647
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 11.964 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 43 Resp: 19092
Ion Ratio Lower Upper
43 100
58 30.6 28.8 43.2

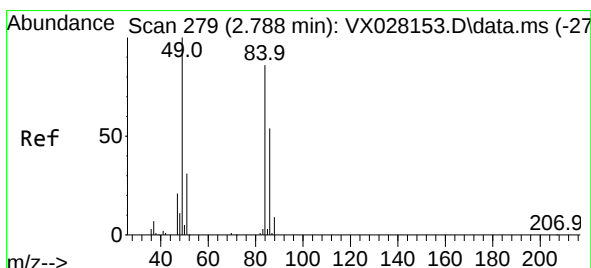
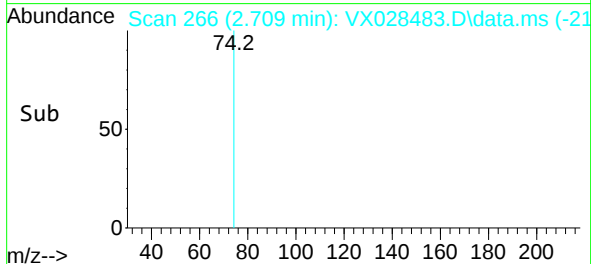
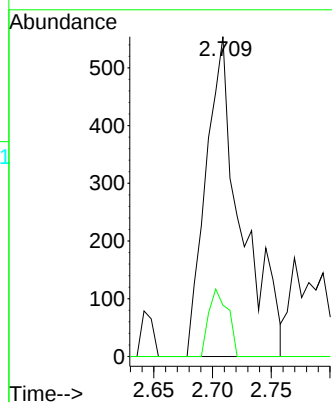
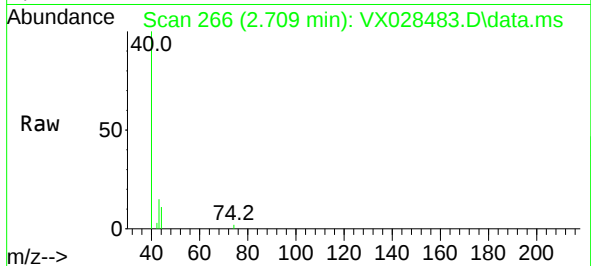




#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

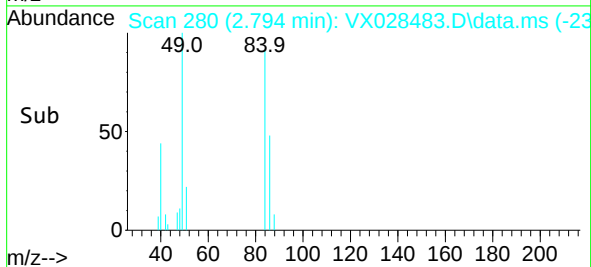
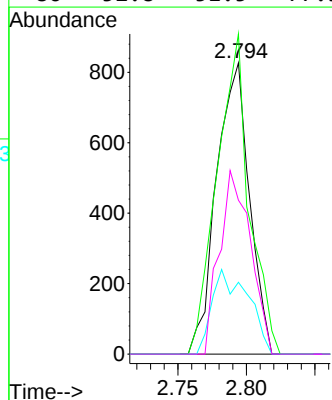
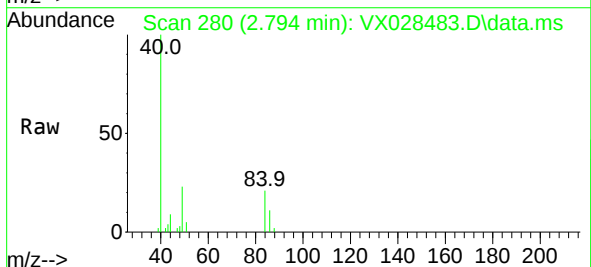
Instrument :
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ClientSampleId :
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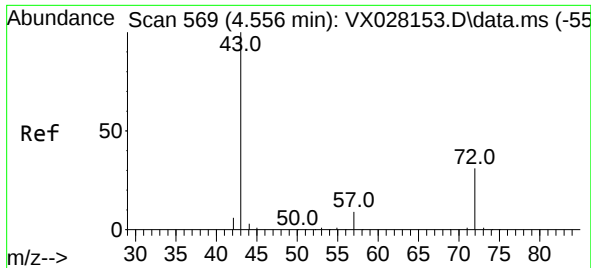
Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
74 11.4 22.8 34.2#



#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 84 Resp: 1383
Ion Ratio Lower Upper
84 100
49 109.9 85.5 128.3
51 24.7 26.6 39.8#
86 52.8 51.5 77.3

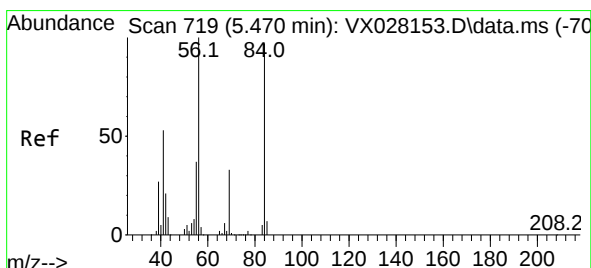
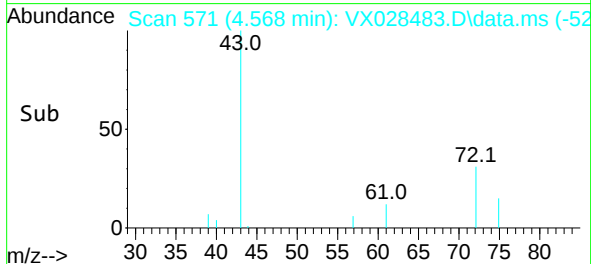
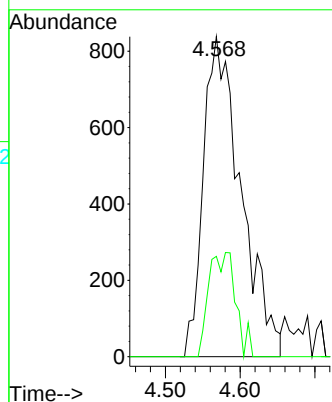
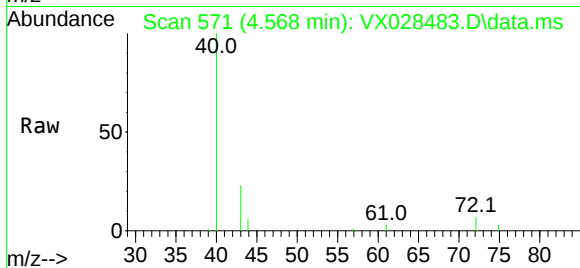




#25
2-Butanone
Concen: 1.056 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

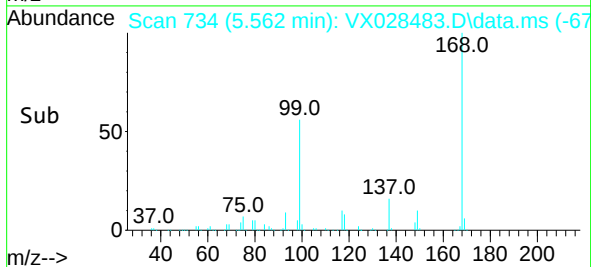
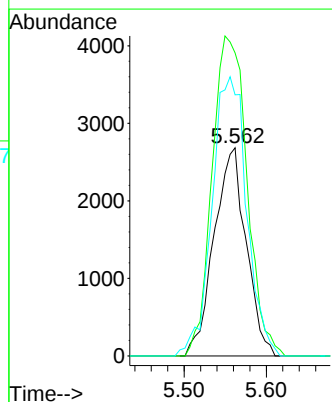
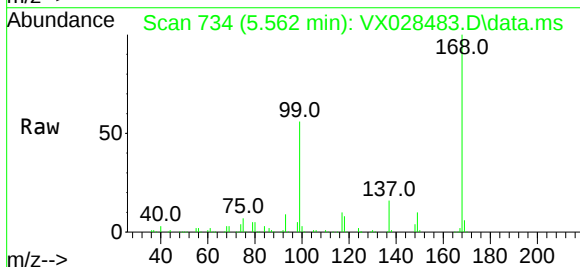
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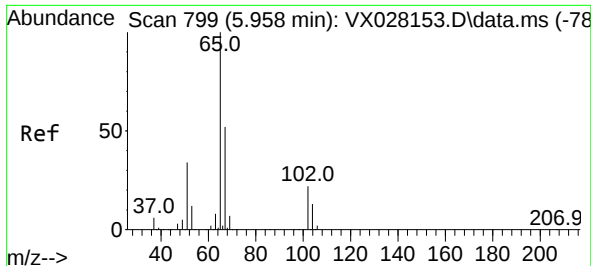
Tgt Ion: 43 Resp: 2941
Ion Ratio Lower Upper
43 100
72 31.4 24.4 36.6



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 56 Resp: 7278
Ion Ratio Lower Upper
56 100
69 145.6 26.7 40.1#
84 125.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.868 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028483.D

Acq: 02 May 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

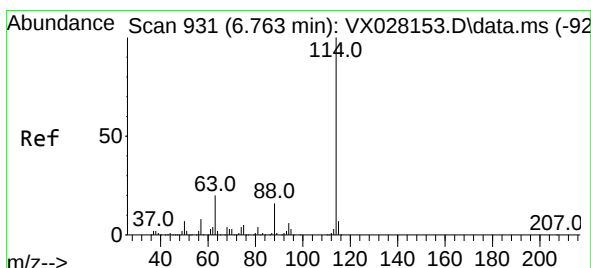
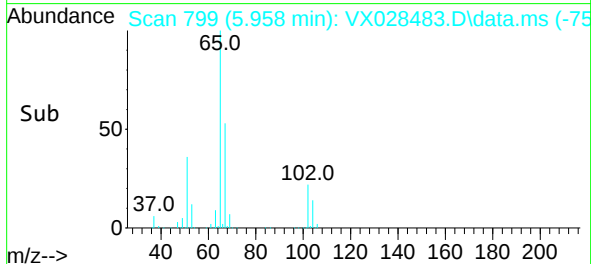
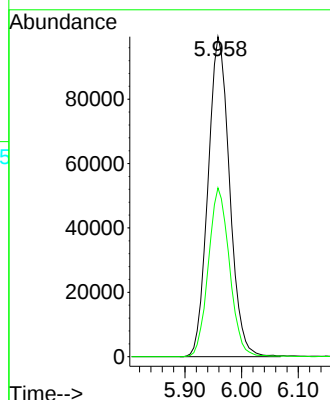
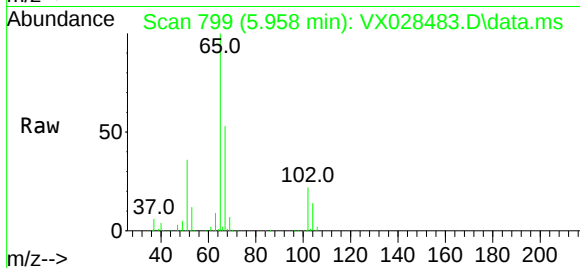
40819

Tgt Ion: 65 Resp: 262703

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028483.D

Acq: 02 May 2022 19:08

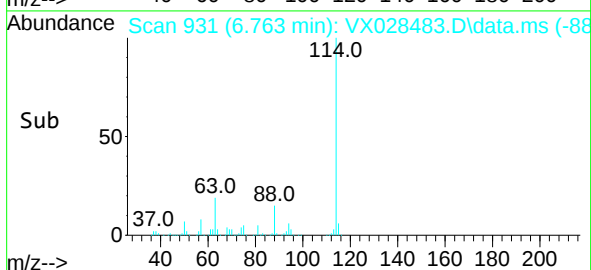
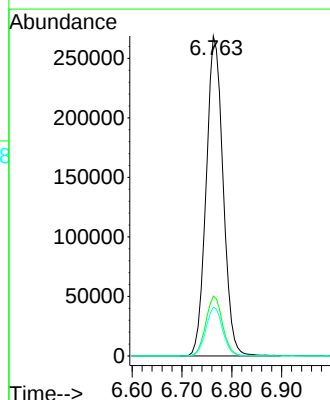
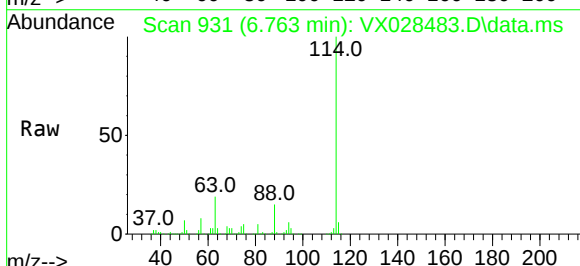
Tgt Ion: 114 Resp: 632892

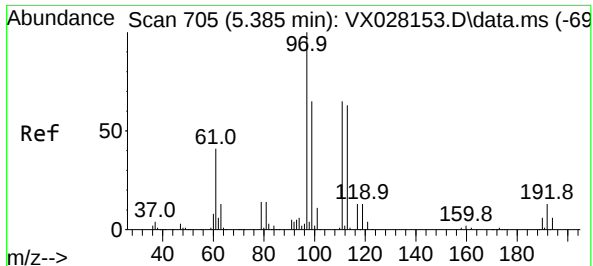
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 15.2 0.0 32.4

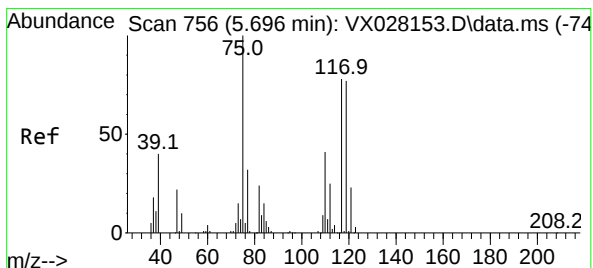
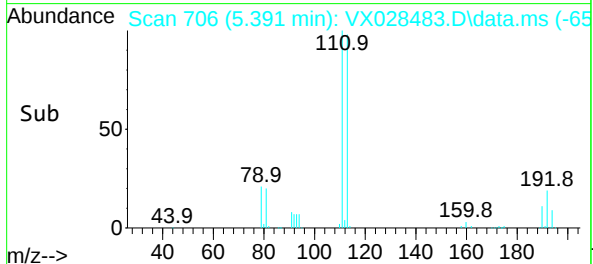
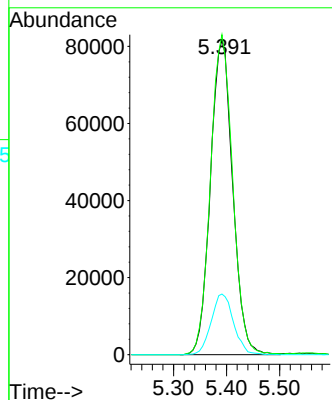
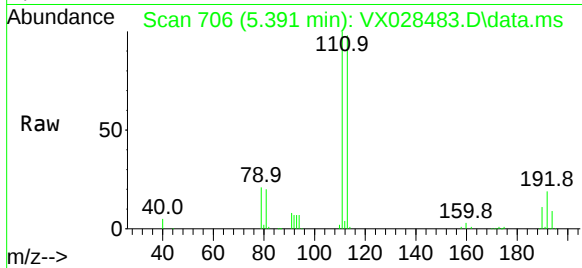




#35
Dibromofluoromethane
Concen: 53.514 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

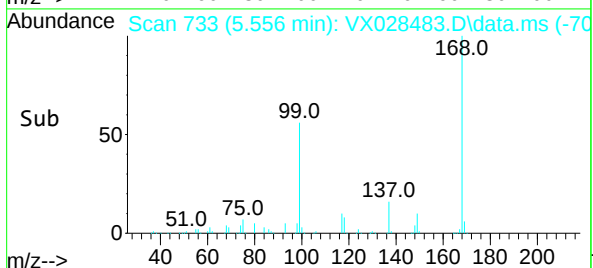
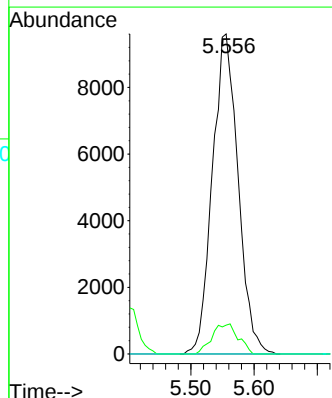
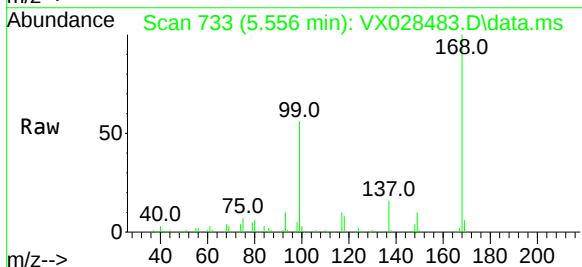
Instrument :
MSVOA_X
ClientSampleId :
40819

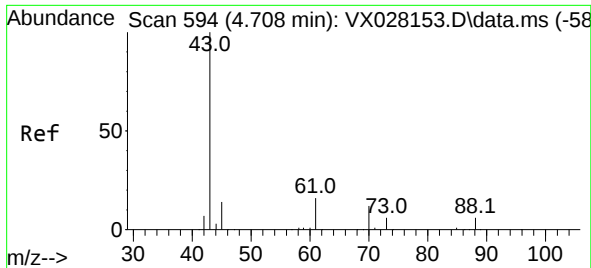
Tgt Ion:113 Resp: 237517
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.667 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 75 Resp: 27017
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.501 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.140 min

Lab File: VX028483.D

Acq: 02 May 2022 19:08

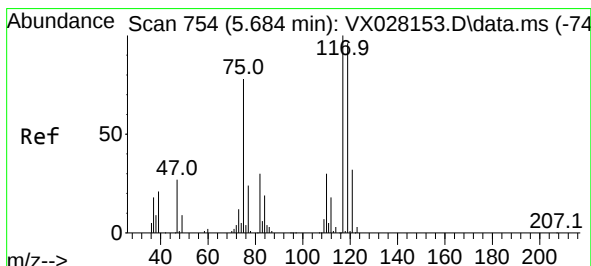
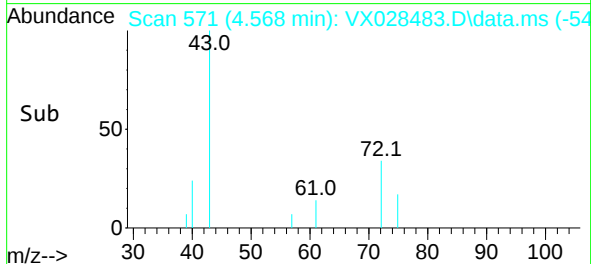
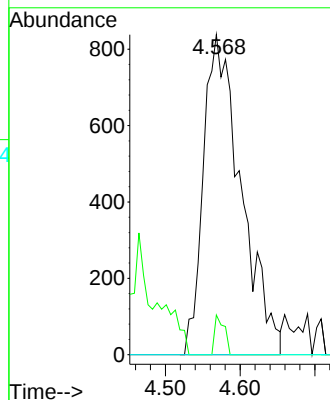
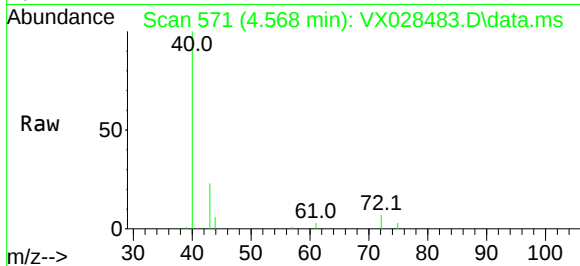
Instrument :

MSVOA_X

ClientSampleId :

40819

Tgt Ion:	43	Resp:	2941
Ion	Ratio	Lower	Upper
43	100		
61	3.2	12.6	19.0#
70	0.0	10.2	15.2#



#38

Carbon Tetrachloride

Concen: 5.652 ug/l

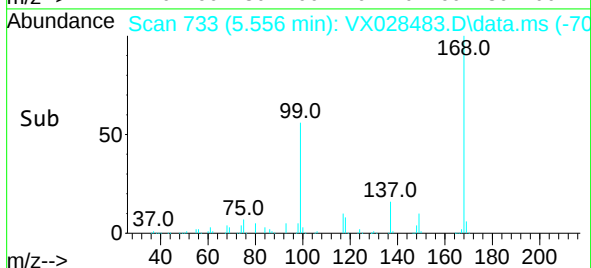
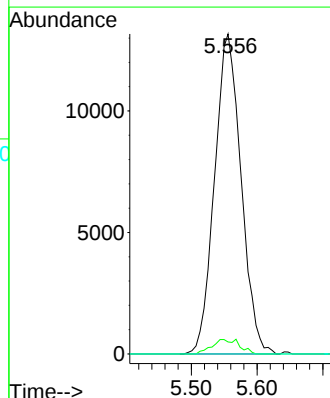
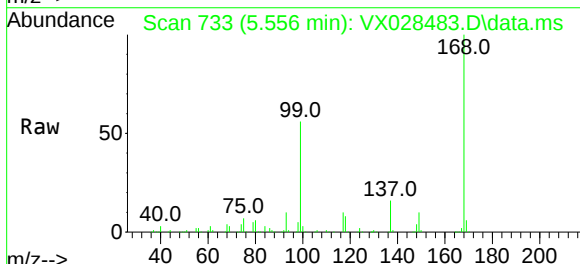
RT: 5.556 min Scan# 733

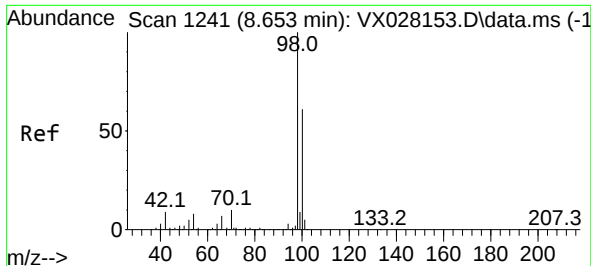
Delta R.T. -0.128 min

Lab File: VX028483.D

Acq: 02 May 2022 19:08

Tgt Ion:	117	Resp:	36940
Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.3	115.9#
121	0.0	24.2	36.2#

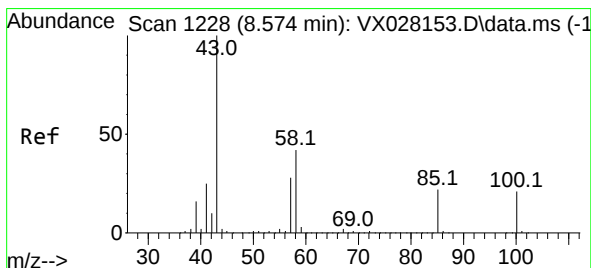
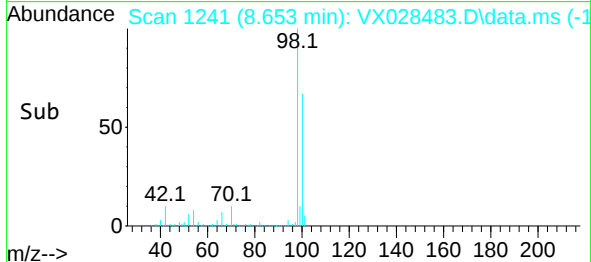
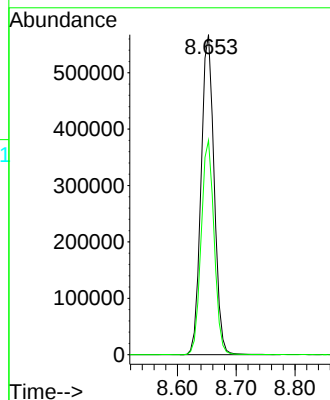
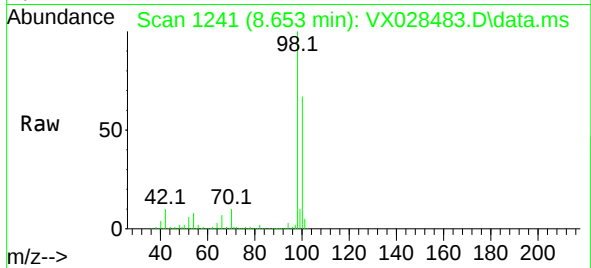




#50
Toluene-d8
Concen: 51.518 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

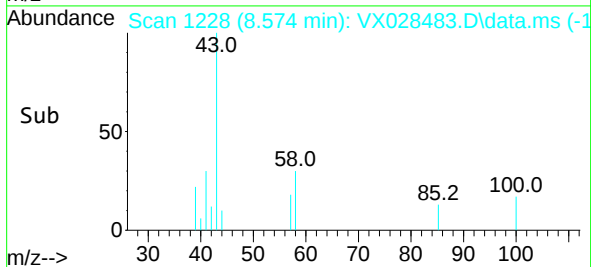
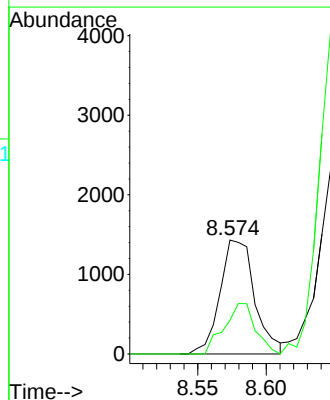
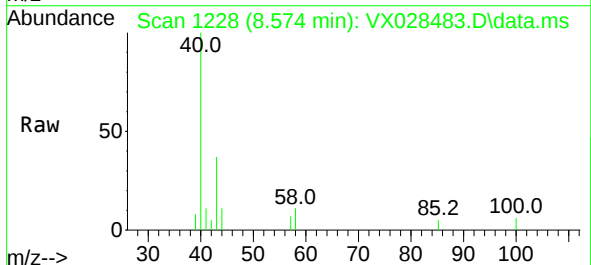
Instrument :
MSVOA_X
ClientSampleId :
40819

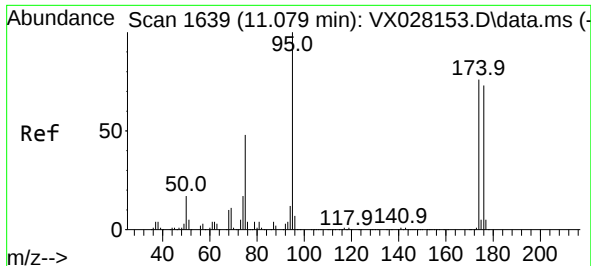
Tgt Ion: 98 Resp: 878238
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.411 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 43 Resp: 2523
Ion Ratio Lower Upper
43 100
58 39.7 36.1 54.1

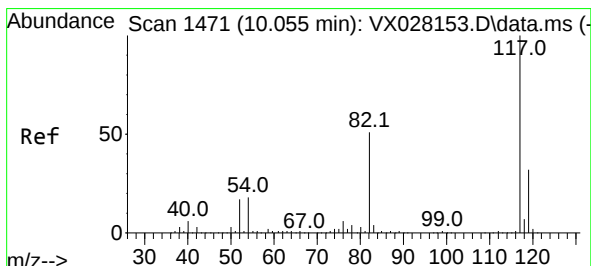
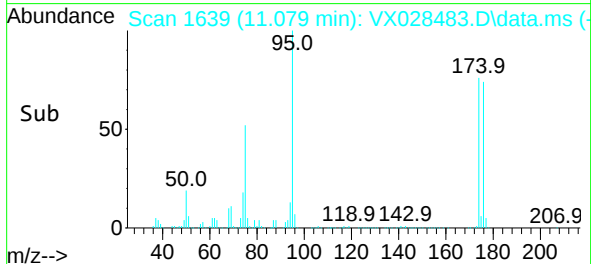
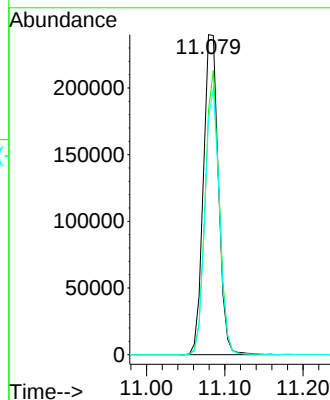
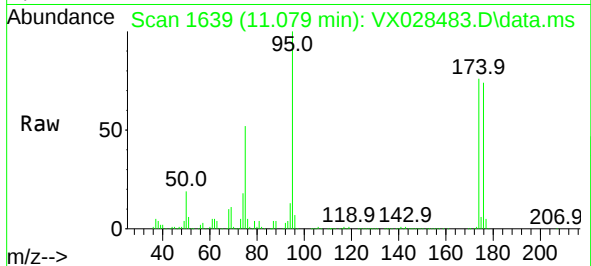




#62
4-Bromofluorobenzene
Concen: 49.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

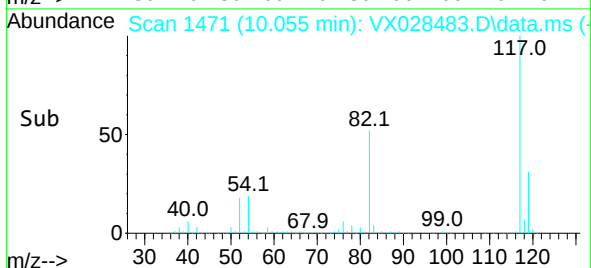
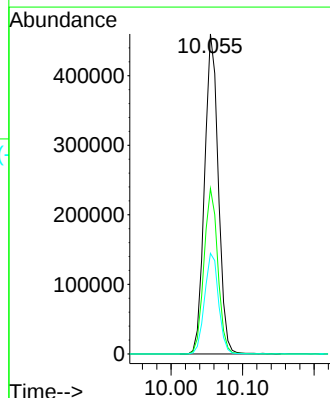
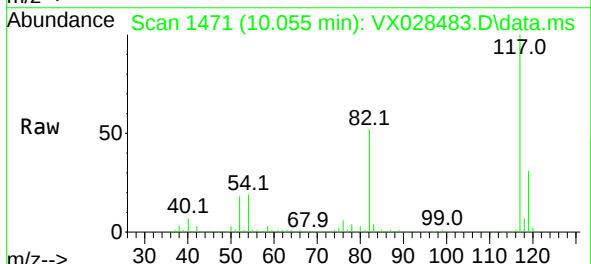
Instrument :
MSVOA_X
ClientSampleId :
40819

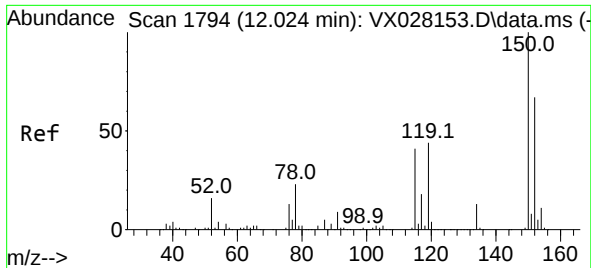
Tgt Ion: 95 Resp: 319813
Ion Ratio Lower Upper
95 100
174 83.5 0.0 163.0
176 79.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 117 Resp: 614508
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 31.4 24.8 37.2

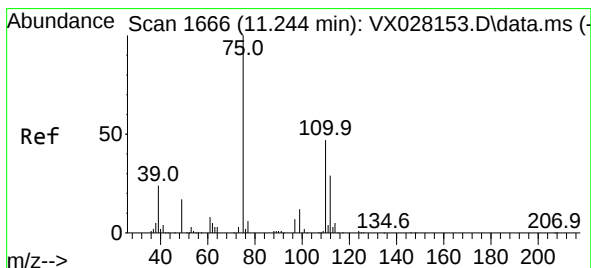
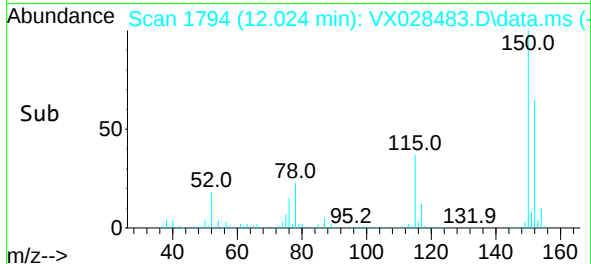
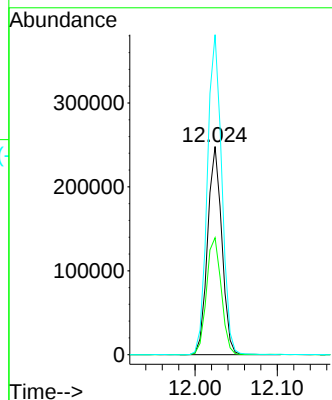
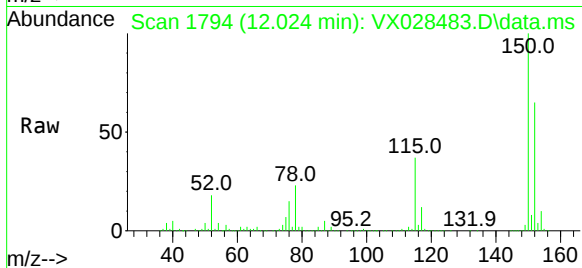




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

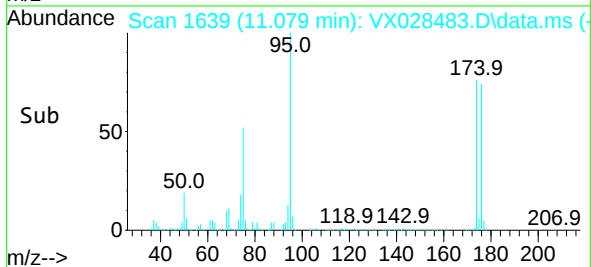
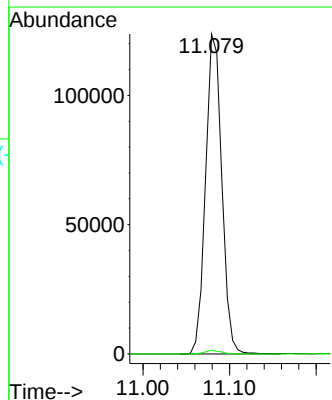
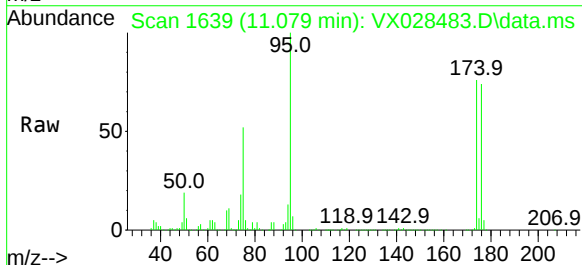
Instrument :
MSVOA_X
ClientSampleId :
40819

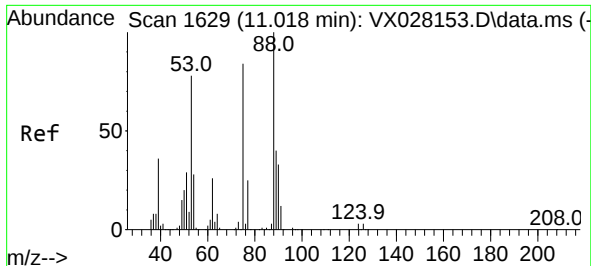
Tgt Ion:152 Resp: 298579
Ion Ratio Lower Upper
152 100
115 58.1 37.5 112.7
150 156.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 75 Resp: 160996
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

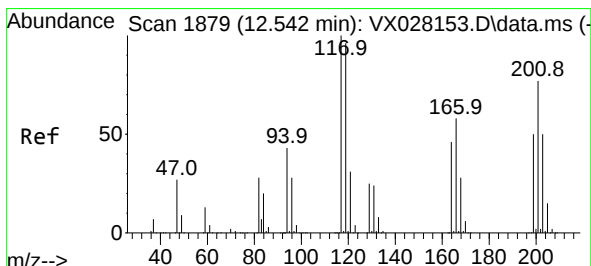
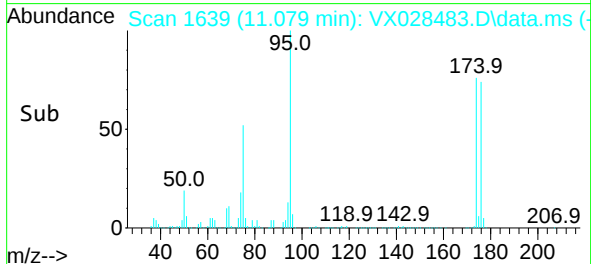
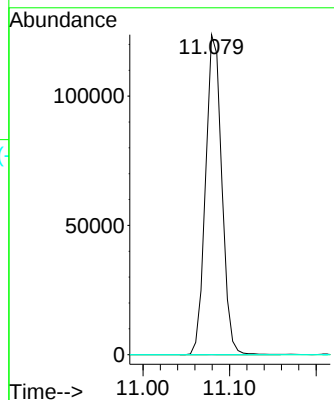
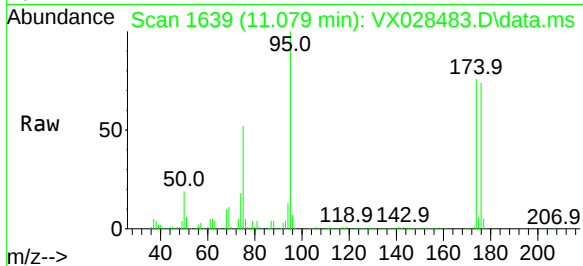




#81
trans-1,4-Dichloro-2-butene
Concen: 81.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
40819

Tgt Ion: 75 Resp: 160996
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.976 ug/l
RT: 12.561 min Scan# 1882
Delta R.T. 0.019 min
Lab File: VX028483.D
Acq: 02 May 2022 19:08

Tgt Ion: 117 Resp: 562
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

