

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026299.D
 Acq On : 05 Jan 2022 03:01
 Operator : JC/MD
 Sample : PB141821ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:43:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	154996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118000	52.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.240%	
35) Dibromofluoromethane	5.391	113	86615	49.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.140%	
50) Toluene-d8	8.653	98	311804	47.979	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.960%	
62) 4-Bromofluorobenzene	11.079	95	116883	50.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.040%	

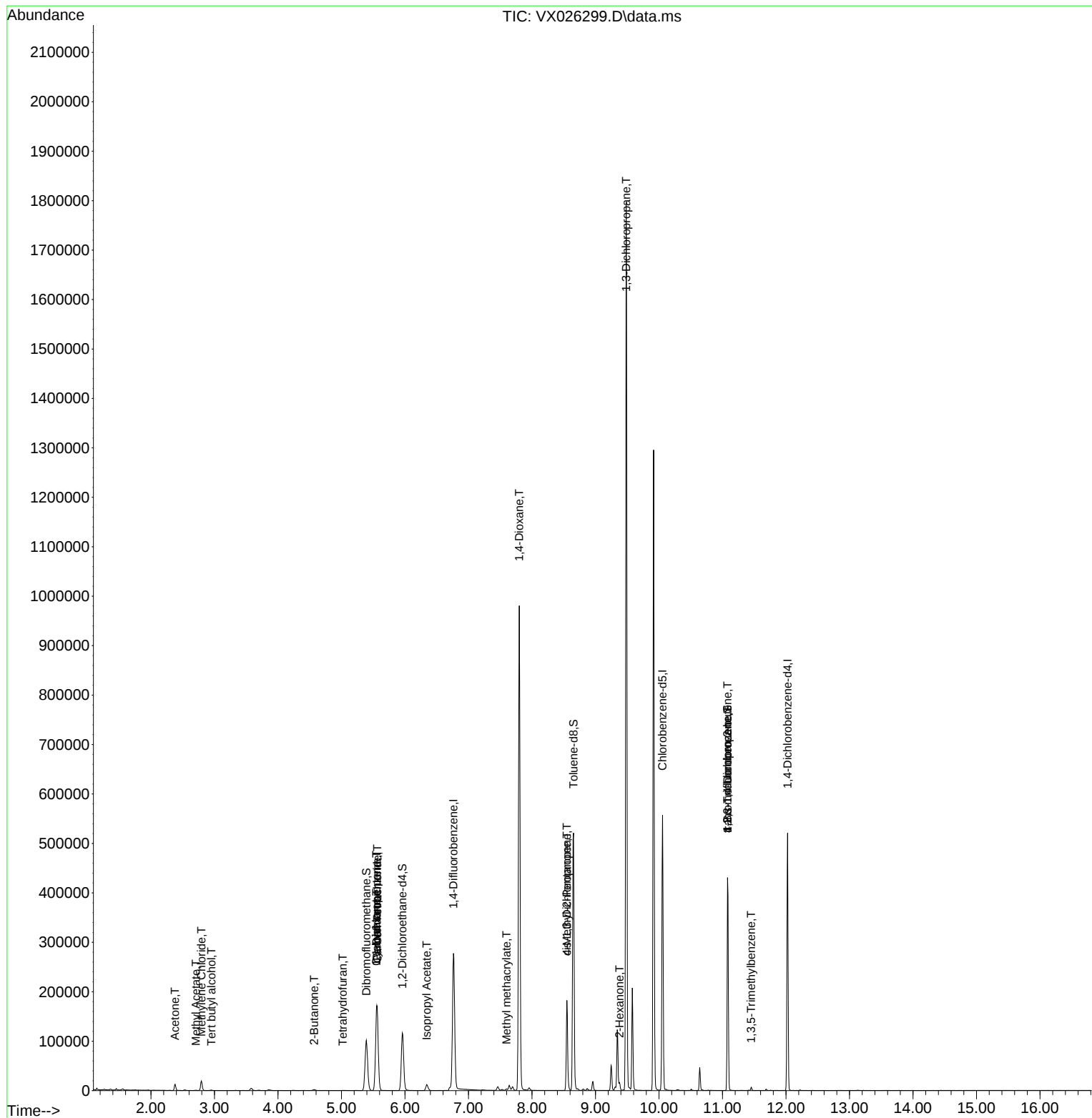
Target Compounds				Qvalue		
11) Tert butyl alcohol	2.953	59	713	1.592	ug/l #	73
16) Acetone	2.380	43	13868	11.415	ug/l	90
18) Methyl Acetate	2.709	43	1034	0.262	ug/l	93
20) Methylene Chloride	2.794	84	8416	3.452	ug/l	98
25) 2-Butanone	4.568	43	2546	1.504	ug/l	100
29) Tetrahydrofuran	5.019	42	293	0.275	ug/l #	44
31) Cyclohexane	5.550	56	3722	1.166	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	13396	4.754	ug/l #	49
38) Carbon Tetrachloride	5.562	117	17246	5.502	ug/l #	16
43) Isopropyl Acetate	6.342	43	16841	3.163	ug/l	97
48) Methyl methacrylate	7.598	41	4522	1.771	ug/l #	12
49) 1,4-Dioxane	7.799	88	101	2.146	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	63598	19.191	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	27021	8.235	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	15016	4.308	ug/l #	42
59) 2-Hexanone	9.378	43	8628	3.437	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	61481	25.651	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	3049	0.476	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	61481	74.210	ug/l #	10

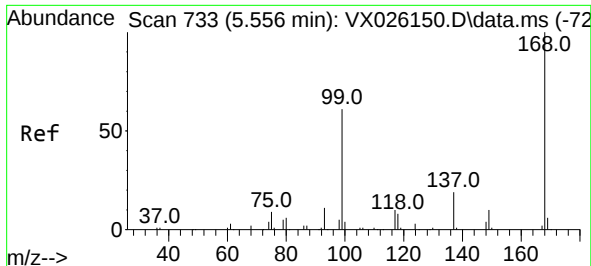
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

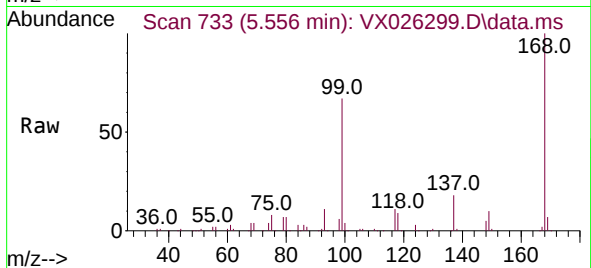
Quant Time: Jan 05 06:43:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



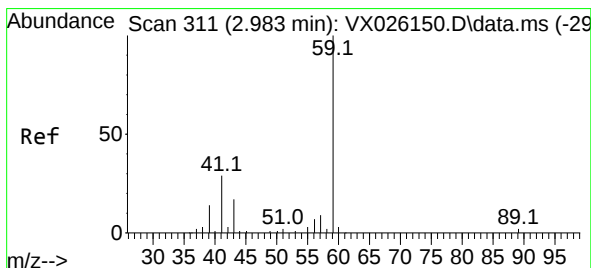
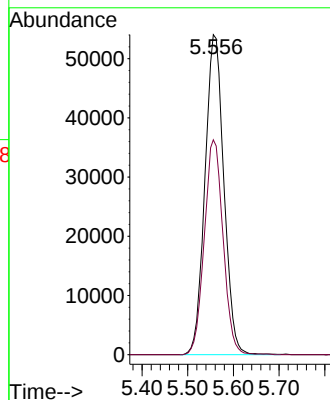
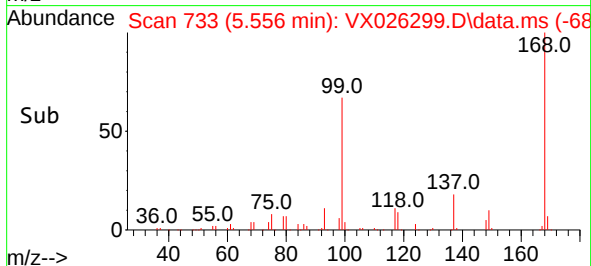


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Instrument :
MSVOA_X
ClientSampleId :

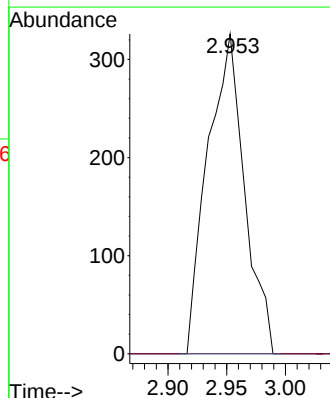
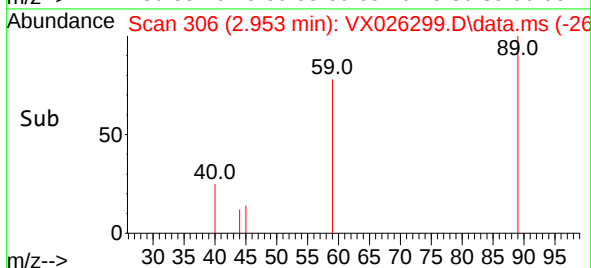
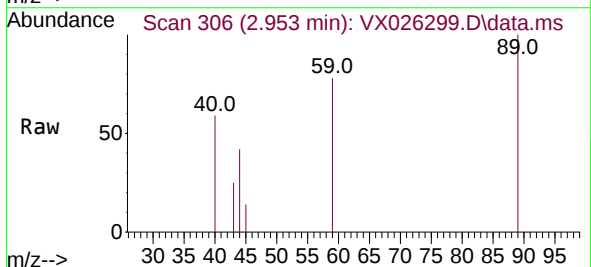


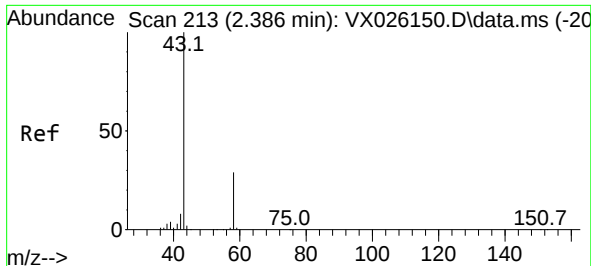
Tgt Ion:168 Resp: 154996
Ion Ratio Lower Upper
168 100
99 67.2 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.592 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Tgt Ion: 59 Resp: 713
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

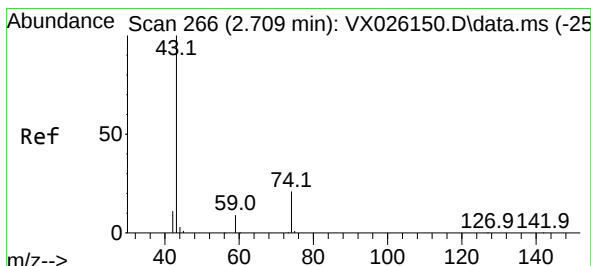
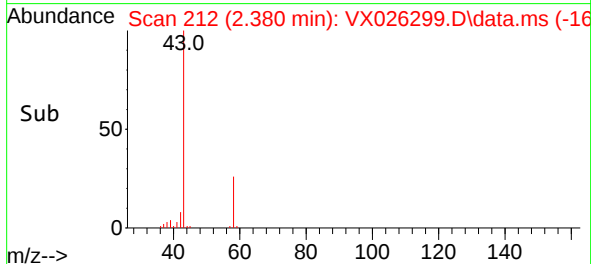
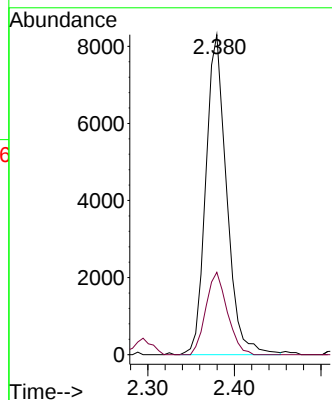
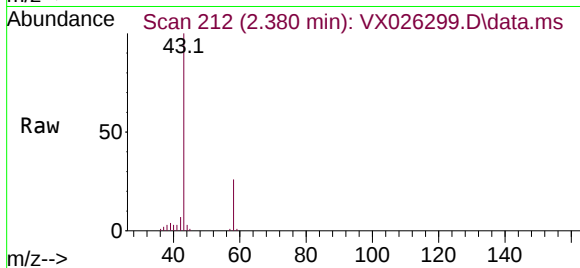




#16
Acetone
Concen: 11.415 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

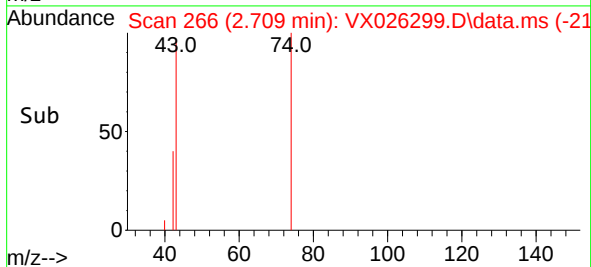
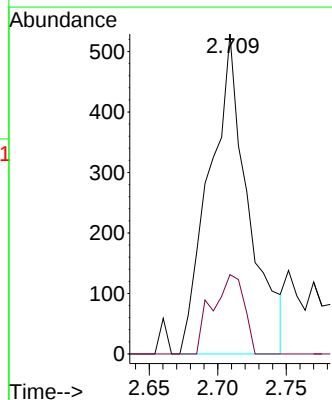
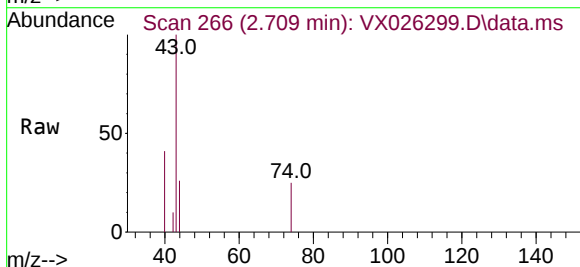
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 13868
Ion Ratio Lower Upper
43 100
58 25.7 24.8 37.2



#18
Methyl Acetate
Concen: 0.262 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
74 20.4 19.1 28.7





#20

Methylene Chloride

Concen: 3.452 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

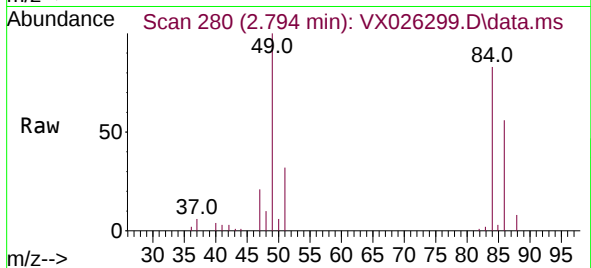
Lab File: VX026299.D

Acq: 05 Jan 2022 03:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 8416

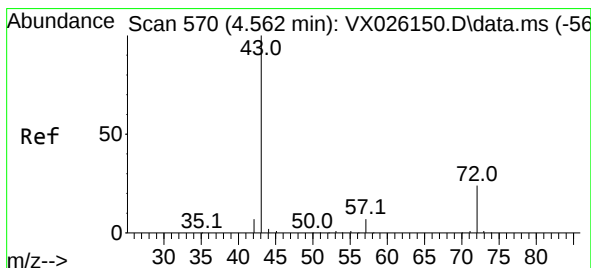
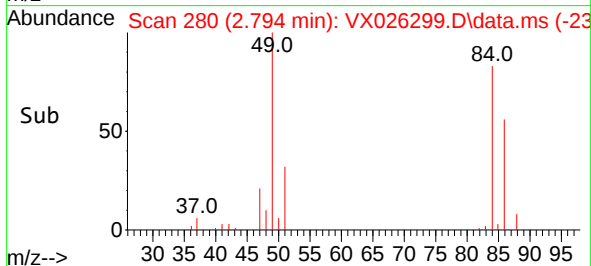
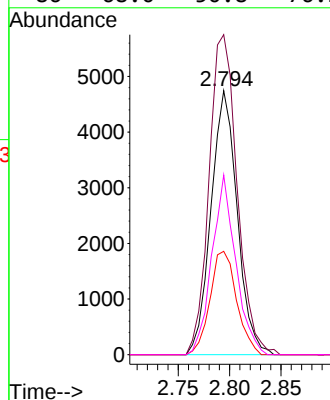
Ion Ratio Lower Upper

84 100

49 121.2 97.1 145.7

51 39.1 29.3 43.9

86 68.0 50.8 76.2



#25

2-Butanone

Concen: 1.504 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX026299.D

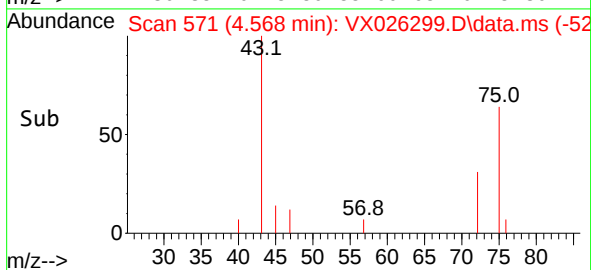
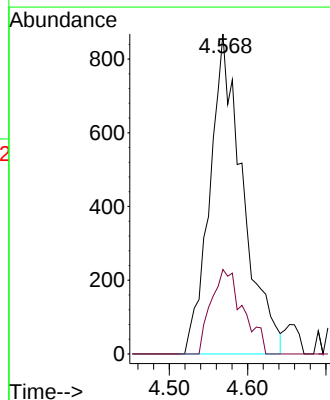
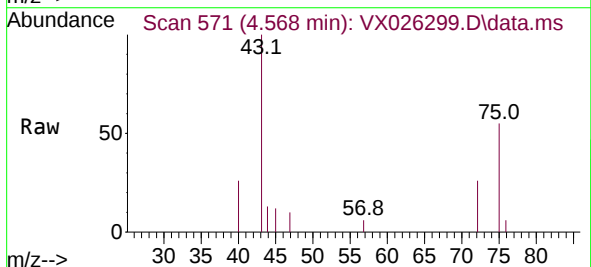
Acq: 05 Jan 2022 03:01

Tgt Ion: 43 Resp: 2546

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.275 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

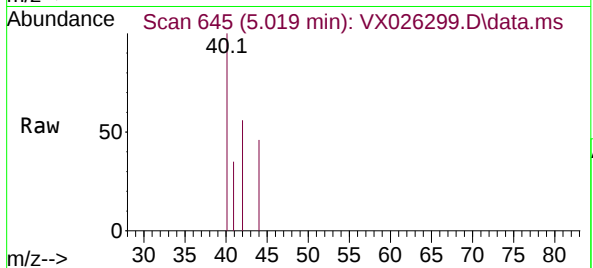
Lab File: VX026299.D

Acq: 05 Jan 2022 03:01

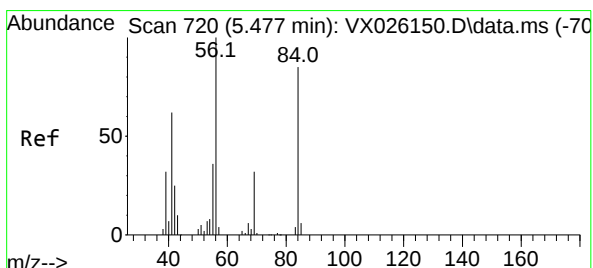
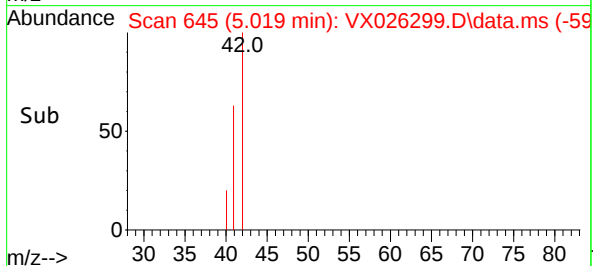
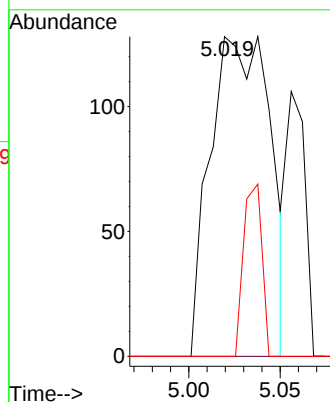
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	293
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.6#
71	16.4	34.1	51.1#



#31

Cyclohexane

Concen: 1.166 ug/l

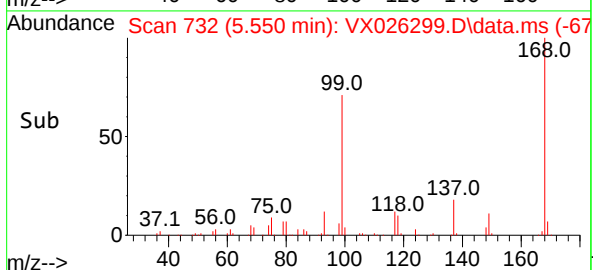
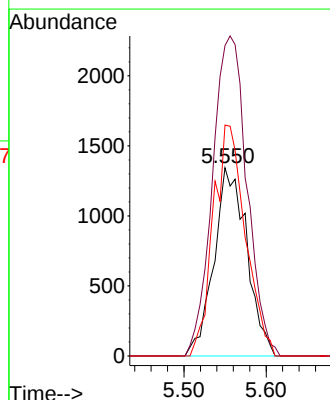
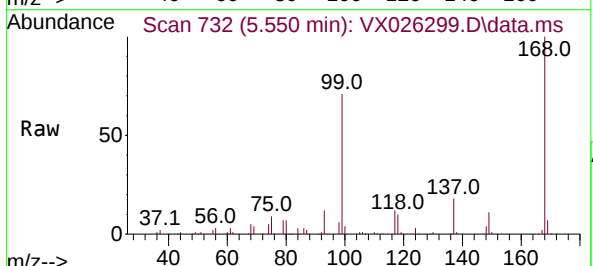
RT: 5.550 min Scan# 732

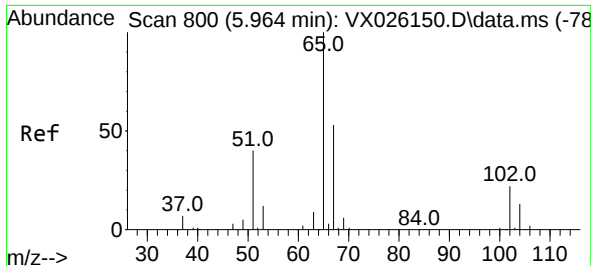
Delta R.T. 0.073 min

Lab File: VX026299.D

Acq: 05 Jan 2022 03:01

Tgt Ion:	56	Resp:	3722
Ion	Ratio	Lower	Upper
56	100		
69	165.1	23.9	35.9#
84	122.7	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 52.624 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026299.D

Acq: 05 Jan 2022 03:01

Instrument :

MSVOA_X

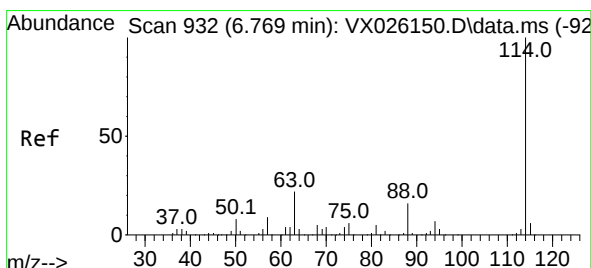
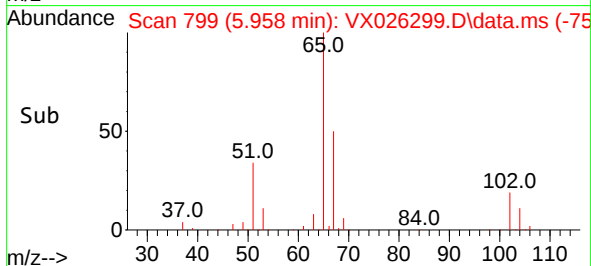
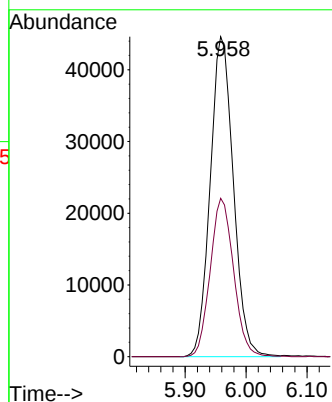
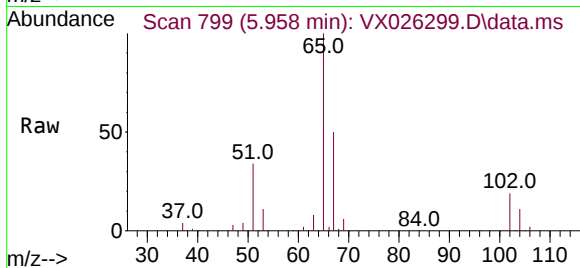
ClientSampleId :

Tgt Ion: 65 Resp: 118000

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026299.D

Acq: 05 Jan 2022 03:01

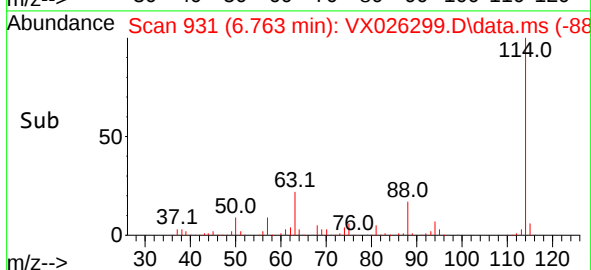
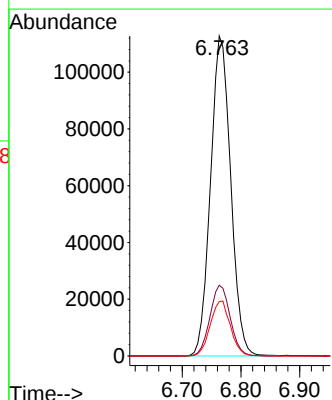
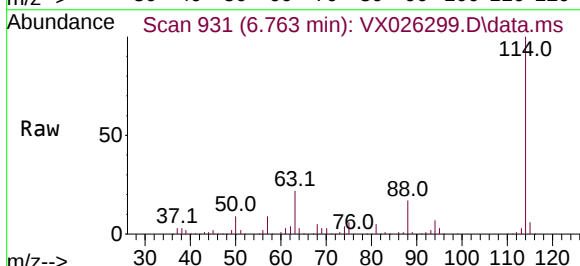
Tgt Ion: 114 Resp: 268739

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.575 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

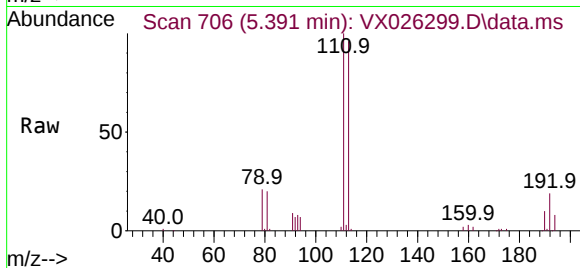
Lab File: VX026299.D

Acq: 05 Jan 2022 03:01

Instrument :

MSVOA_X

ClientSampleId :



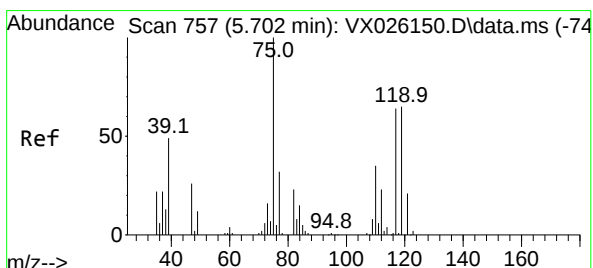
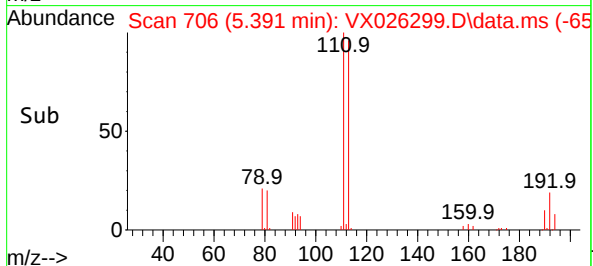
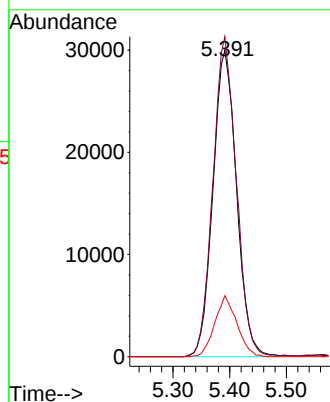
Tgt Ion:113 Resp: 86615

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.754 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX026299.D

Acq: 05 Jan 2022 03:01

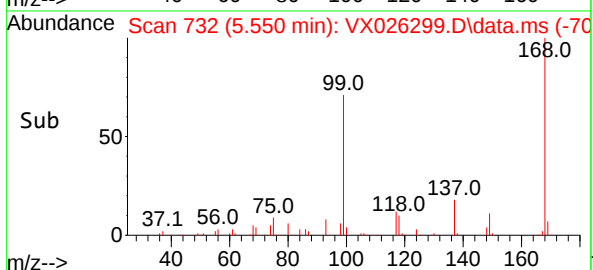
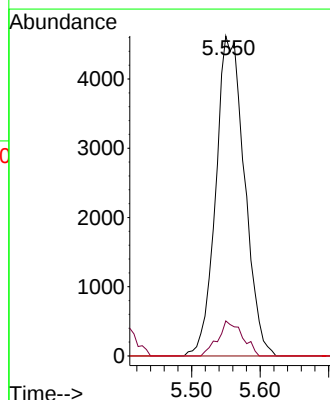
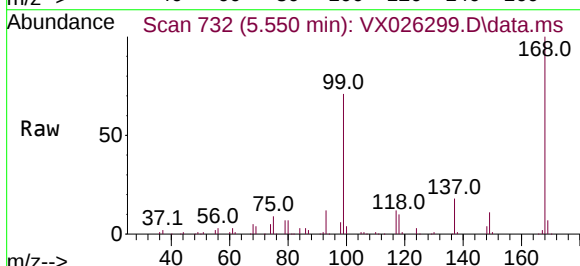
Tgt Ion: 75 Resp: 13396

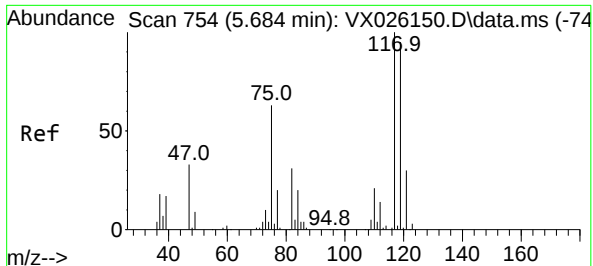
Ion Ratio Lower Upper

75 100

110 9.4 18.2 54.6#

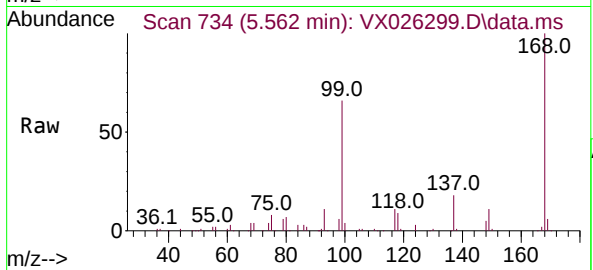
77 0.0 24.7 37.1#



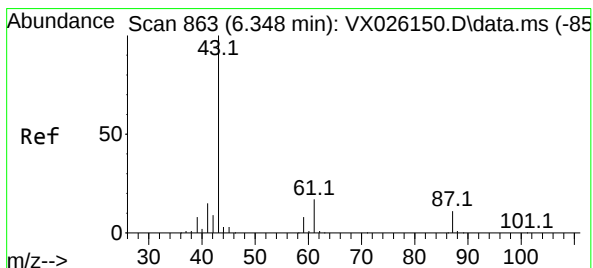
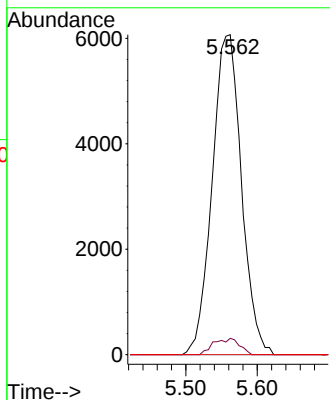
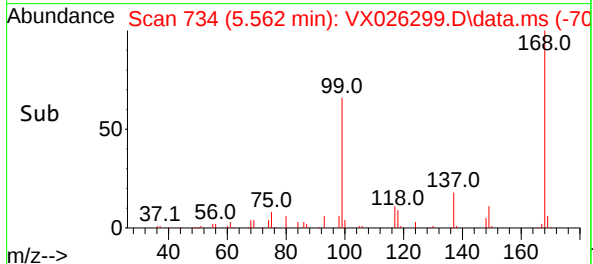


#38
Carbon Tetrachloride
Concen: 5.502 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Instrument :
MSVOA_X
ClientSampleId :

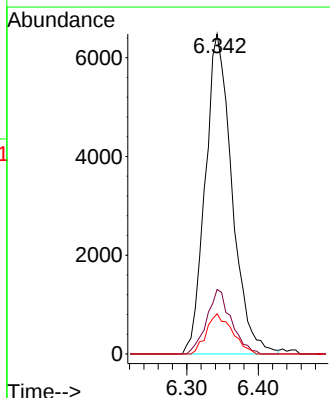
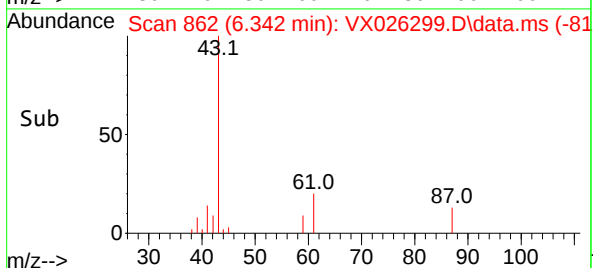
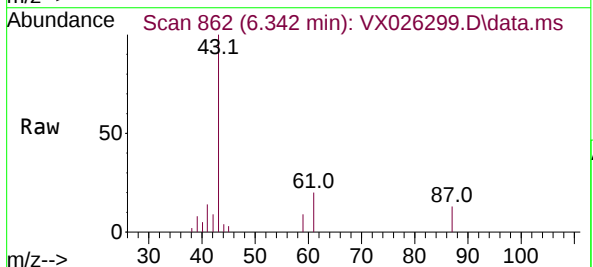


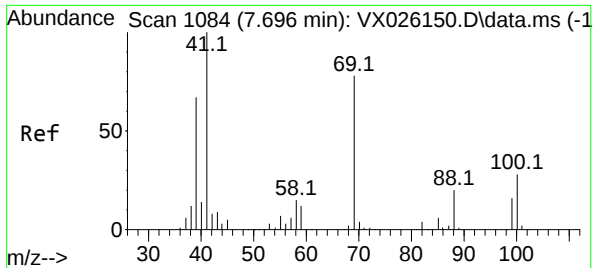
Tgt Ion:117 Resp: 17246
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.163 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

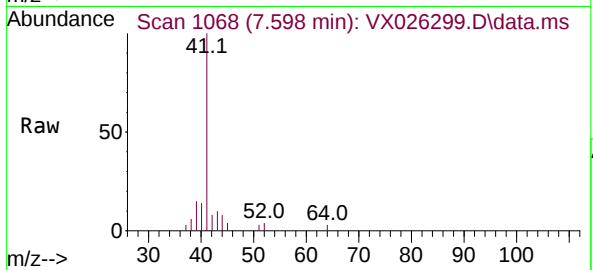
Tgt Ion: 43 Resp: 16841
Ion Ratio Lower Upper
43 100
61 18.5 15.7 23.5
87 12.1 11.2 16.8



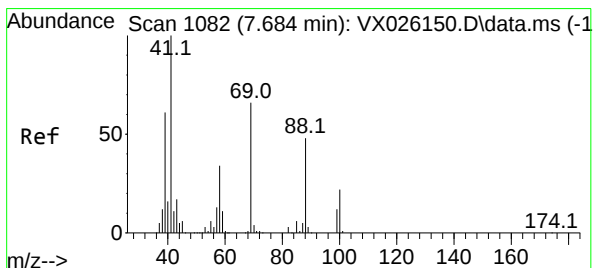
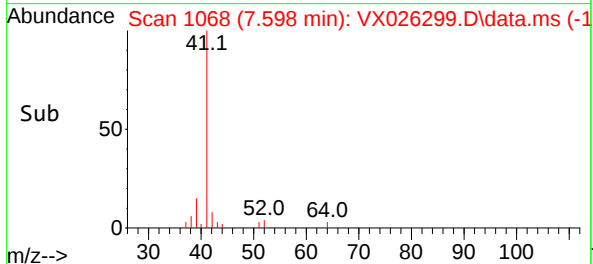
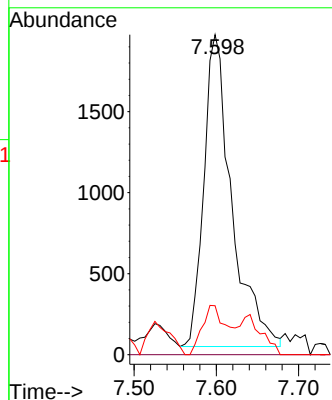


#48
Methyl methacrylate
Concen: 1.771 ug/l
RT: 7.598 min Scan# 1101
Delta R.T. -0.098 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Instrument :
MSVOA_X
ClientSampleId :

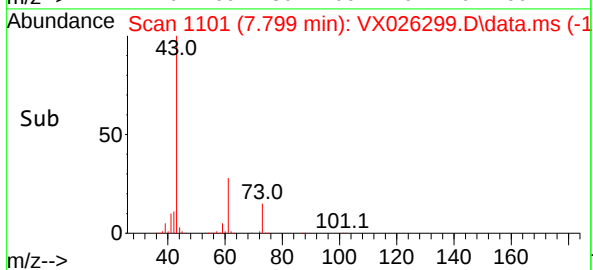
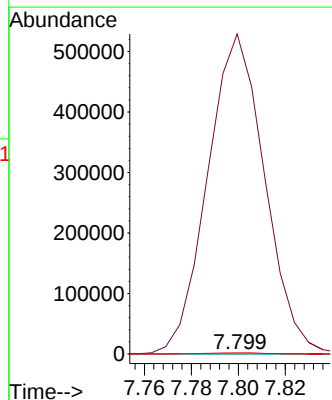
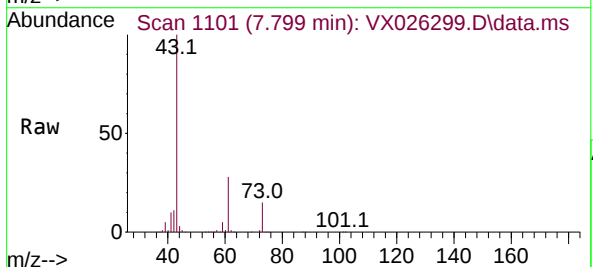


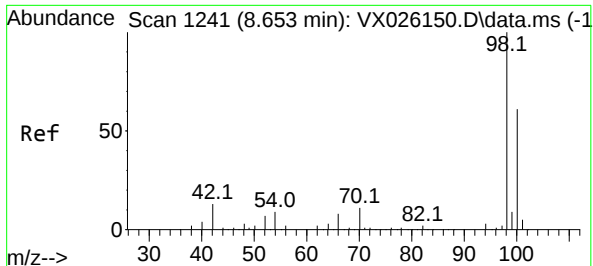
Tgt Ion: 41 Resp: 4522
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 2.146 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.115 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 890261.4 25.3 37.9#
58 3192.1 51.8 77.6#

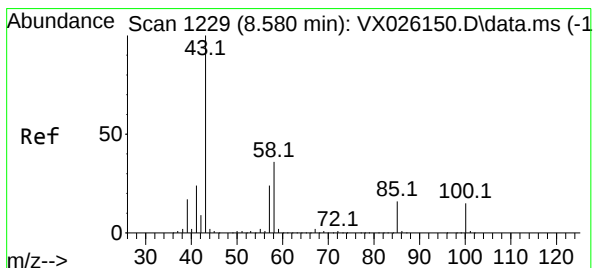
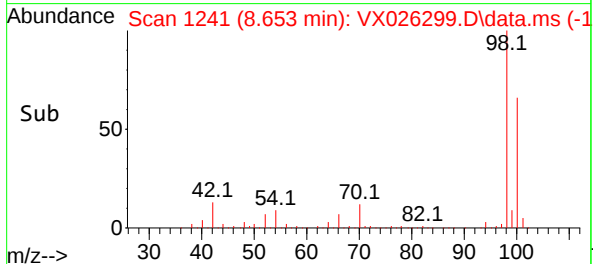
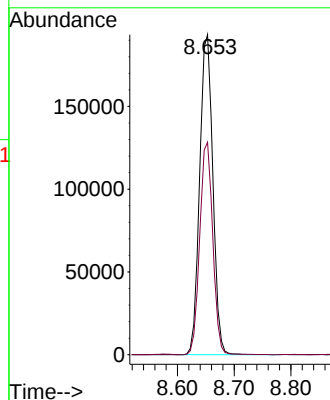
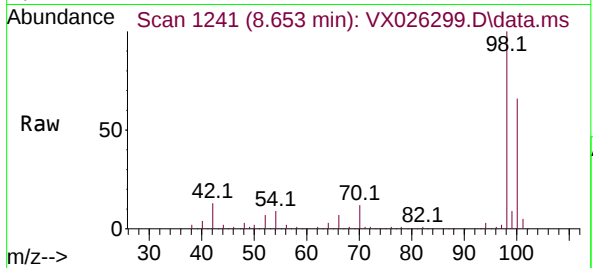




#50
Toluene-d8
Concen: 47.979 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

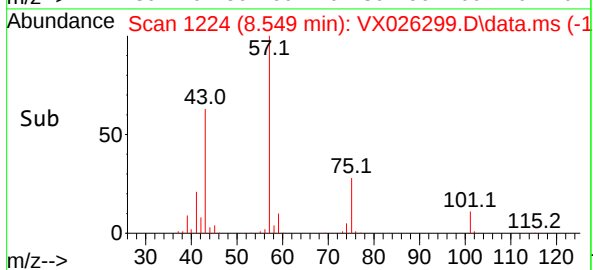
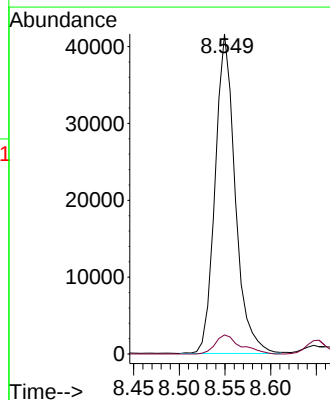
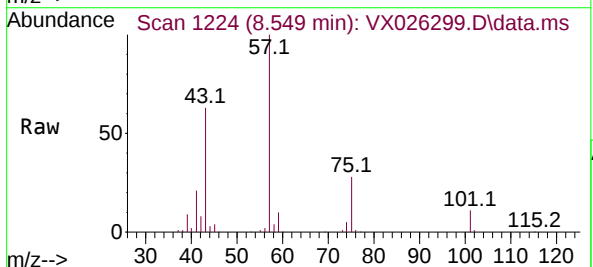
Instrument :
MSVOA_X
ClientSampleId :

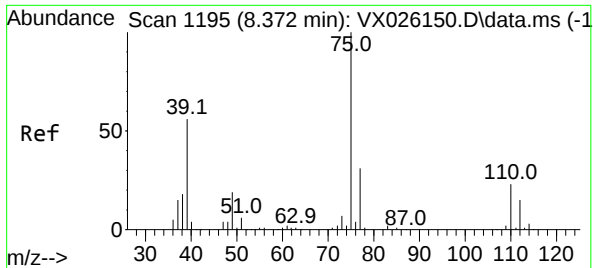
Tgt Ion: 98 Resp: 311804
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.191 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Tgt Ion: 43 Resp: 63598
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#

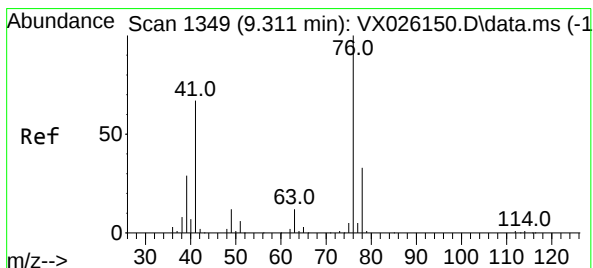
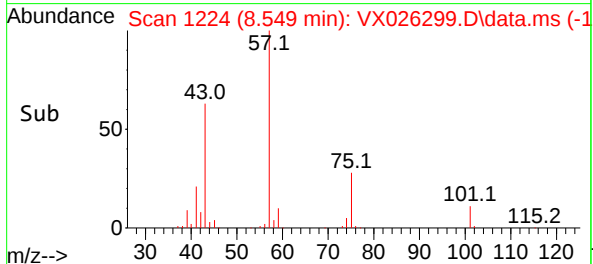
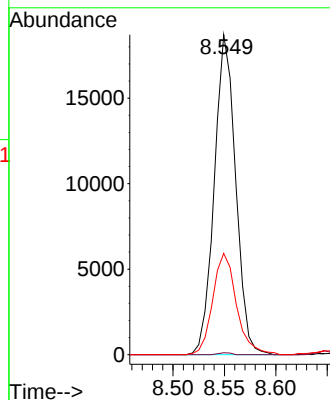
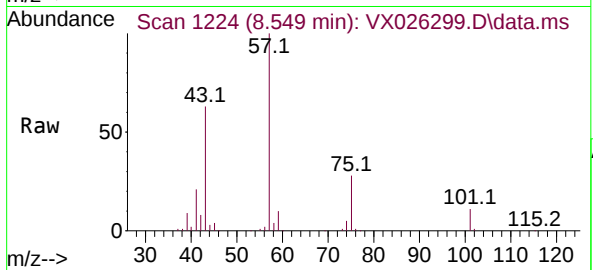




#54
 cis-1,3-Dichloropropene
 Concen: 8.235 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026299.D
 Acq: 05 Jan 2022 03:01

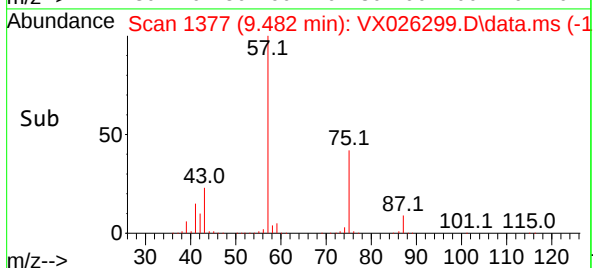
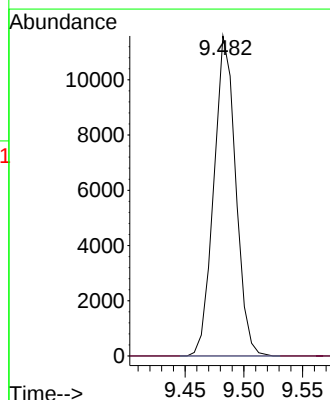
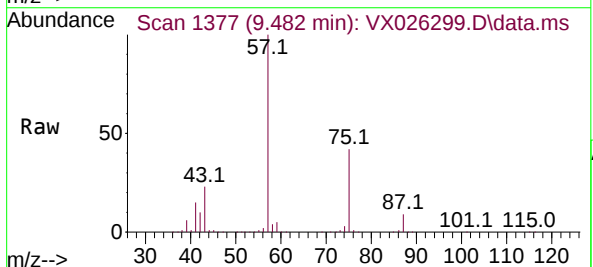
Instrument :
 MSVOA_X
 ClientSampleId :

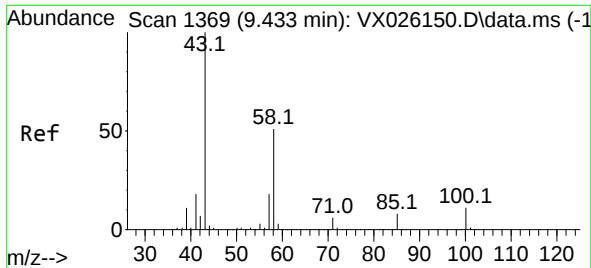
Tgt Ion: 75 Resp: 27021
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.3 37.9#
 39 31.6 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.308 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026299.D
 Acq: 05 Jan 2022 03:01

Tgt Ion: 76 Resp: 15016
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

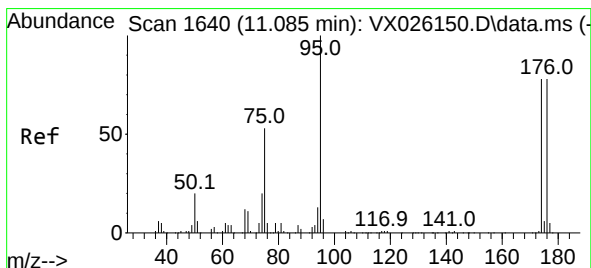
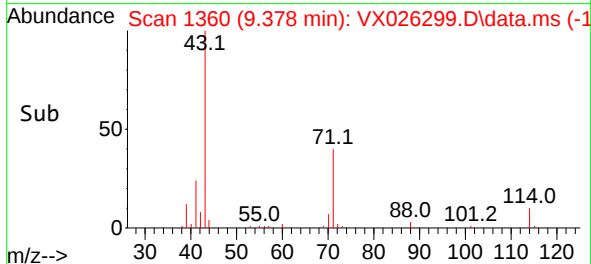
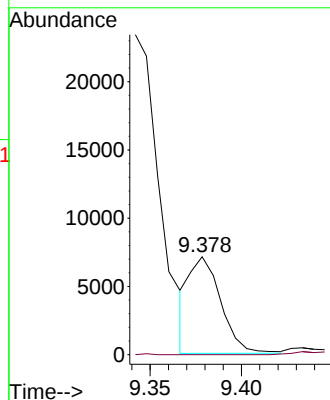
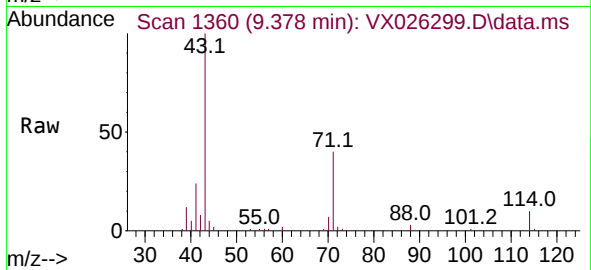




#59
2-Hexanone
Concen: 3.437 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

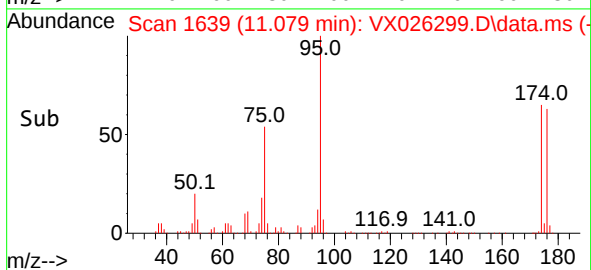
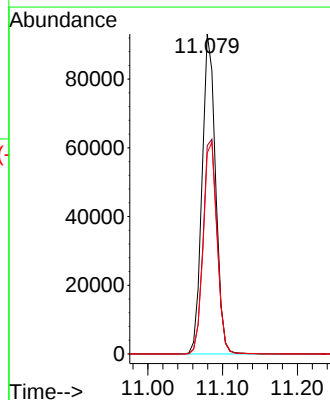
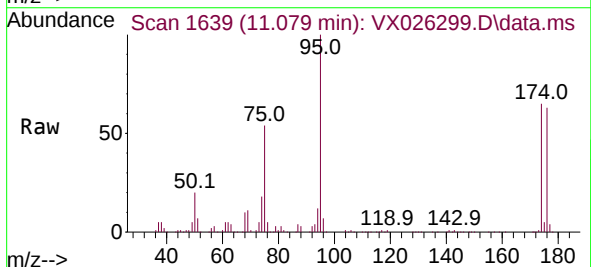
Instrument :
MSVOA_X
ClientSampleId :

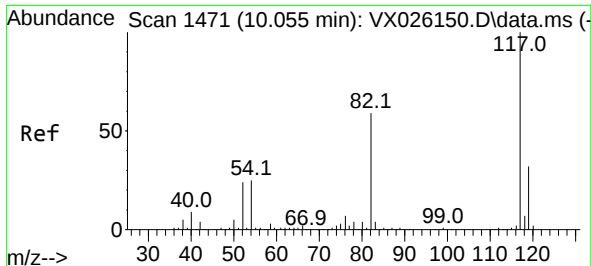
Tgt Ion: 43 Resp: 8628
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 50.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

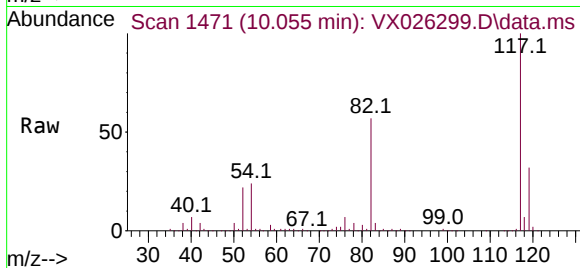
Tgt Ion: 95 Resp: 116883
Ion Ratio Lower Upper
95 100
174 69.5 0.0 157.4
176 67.8 0.0 154.6



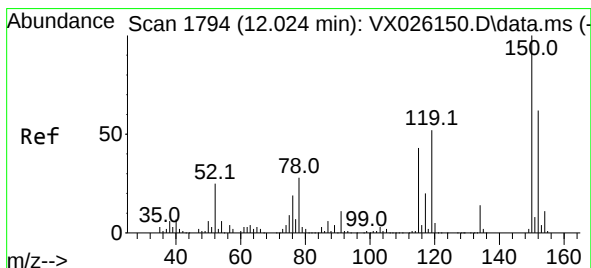
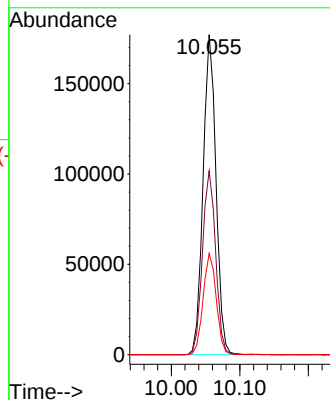
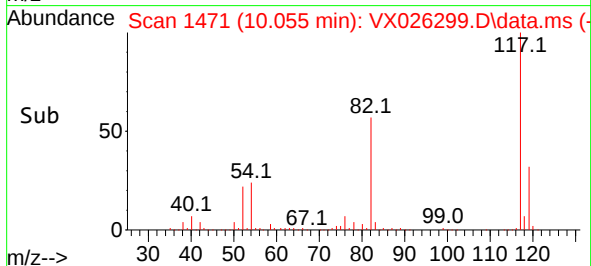


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Instrument :
MSVOA_X
ClientSampleId :

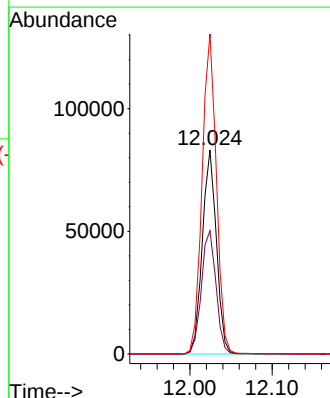
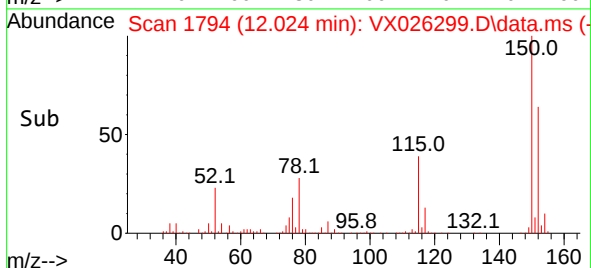
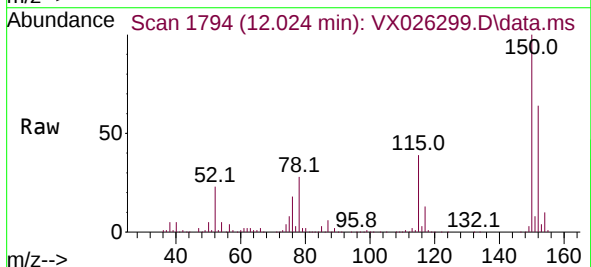


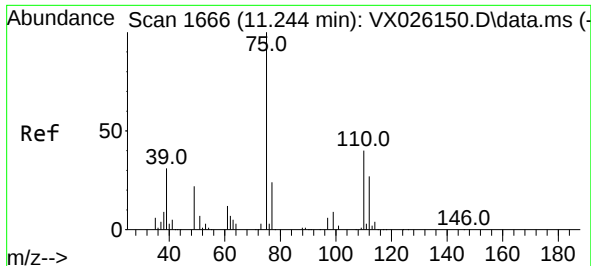
Tgt Ion:117 Resp: 232594
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.6
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

Tgt Ion:152 Resp: 99297
Ion Ratio Lower Upper
152 100
115 62.7 41.3 123.9
150 158.8 0.0 351.8

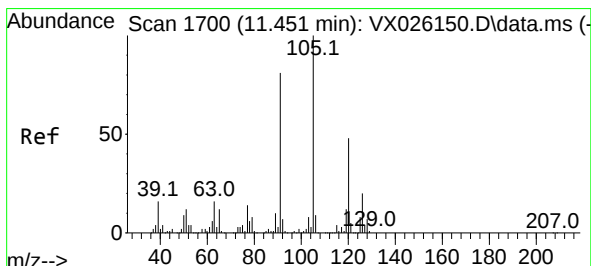
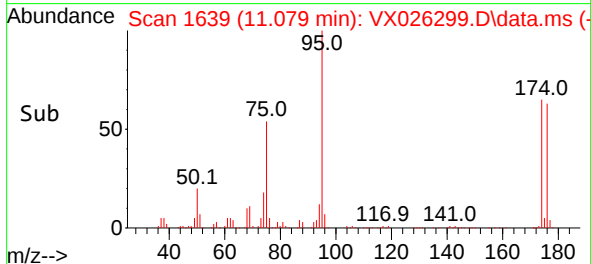
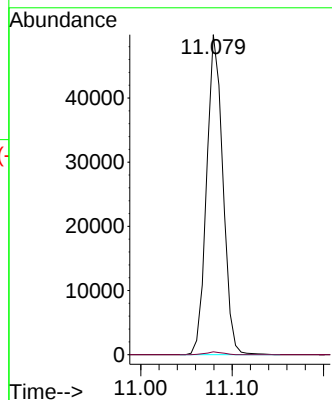
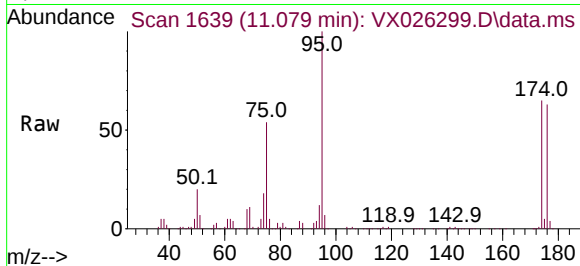




#76
1,2,3-Trichloropropane
Concen: 25.651 ug/l
RT: 11.079 min Scan# 1666
Delta R.T. -0.165 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

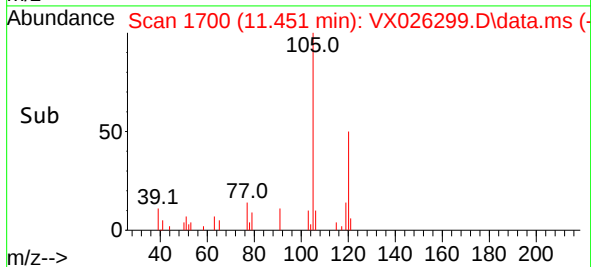
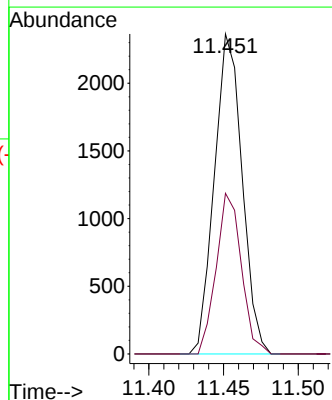
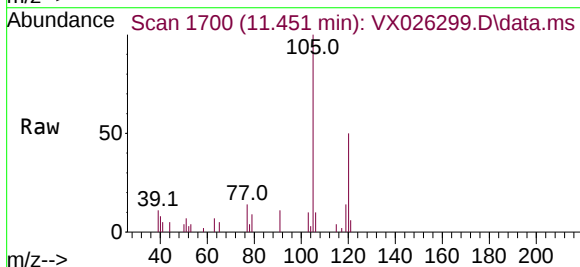
Instrument :
MSVOA_X
ClientSampleId :

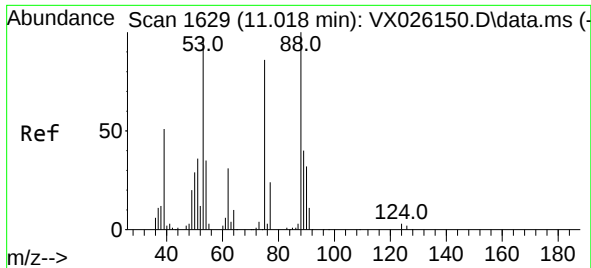
Tgt Ion: 75 Resp: 61481
Ion Ratio Lower Upper
75 100
77 0.9 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.476 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026299.D
Acq: 05 Jan 2022 03:01

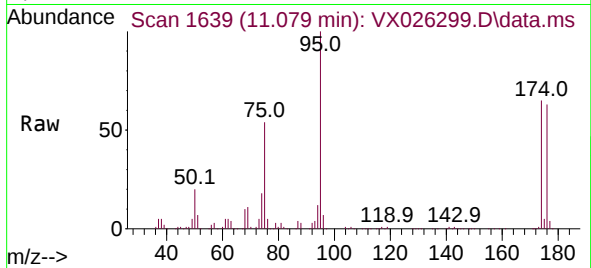
Tgt Ion: 105 Resp: 3049
Ion Ratio Lower Upper
105 100
120 45.5 24.9 74.7





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.210 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026299.D
 Acq: 05 Jan 2022 03:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 61481
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

