

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012022\
 Data File : VX026528.D
 Acq On : 20 Jan 2022 13:11
 Operator : JC/MD
 Sample : PB142135ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#02

Quant Time: Jan 21 04:03:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

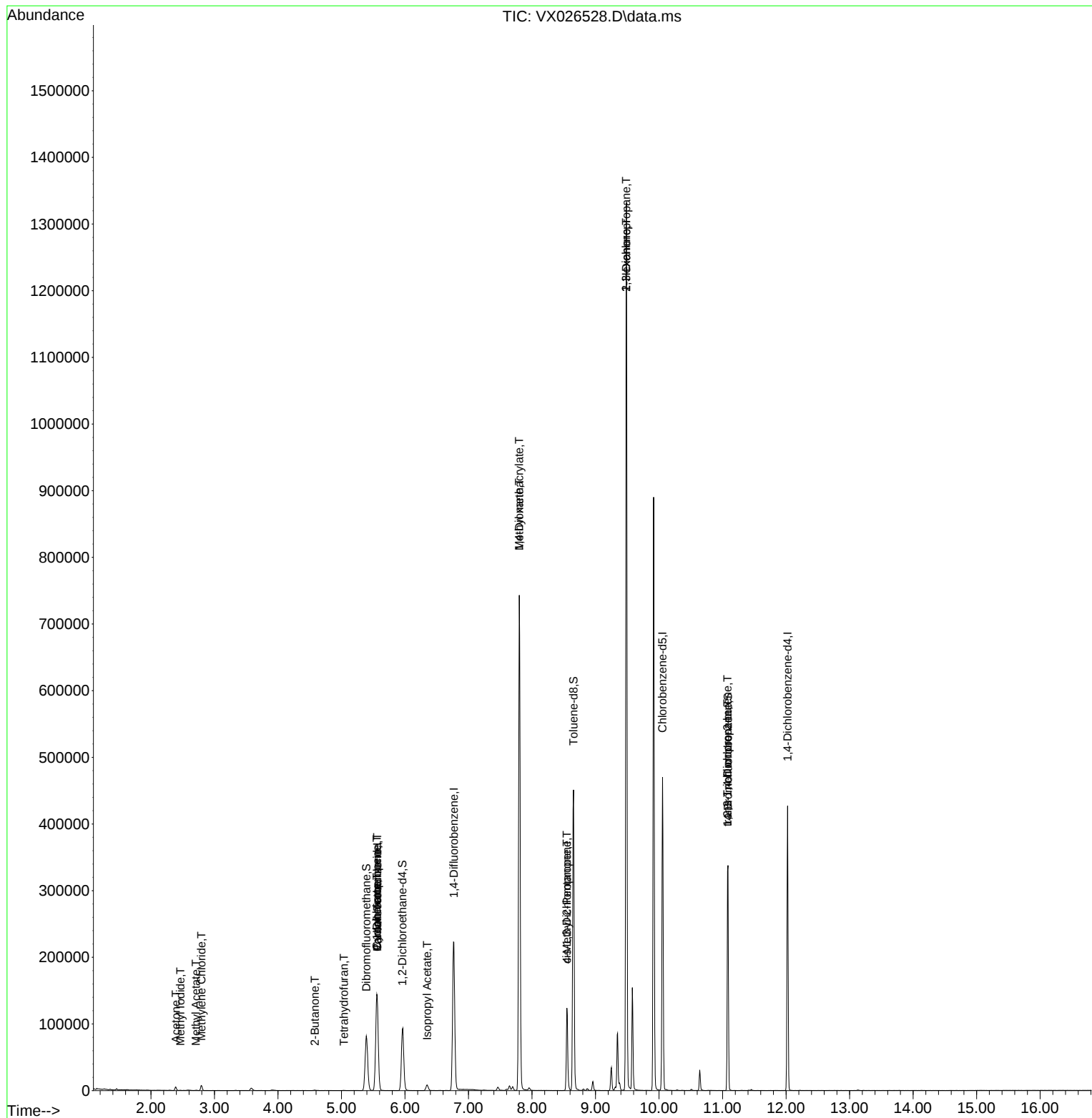
Internal Standards						
1) Pentafluorobenzene	5.562	168	133740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91369	48.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.820%
35) Dibromofluoromethane	5.391	113	71555	48.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	8.653	98	267820	50.559	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.120%
62) 4-Bromofluorobenzene	11.085	95	94138	50.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.060%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	317	4.629	ug/l #	91
16) Acetone	2.392	43	5991	6.288	ug/l	99
18) Methyl Acetate	2.709	43	643	0.339	ug/l #	76
20) Methylene Chloride	2.794	84	3315	2.106	ug/l #	93
25) 2-Butanone	4.580	43	1266	1.022	ug/l #	85
29) Tetrahydrofuran	5.038	42	298	0.405	ug/l #	47
31) Cyclohexane	5.556	56	2755	1.000	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10623	4.578	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14221	5.958	ug/l #	17
43) Isopropyl Acetate	6.348	43	11552	3.046	ug/l	99
48) Methyl methacrylate	7.799	41	64262	34.197	ug/l #	45
49) 1,4-Dioxane	7.799	88	50	1.621	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	43977	19.553	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19406	7.923	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	11517	4.328	ug/l #	43
59) 2-Hexanone	9.482	43	165758	96.292	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47170	25.809	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47170	78.288	ug/l #	3

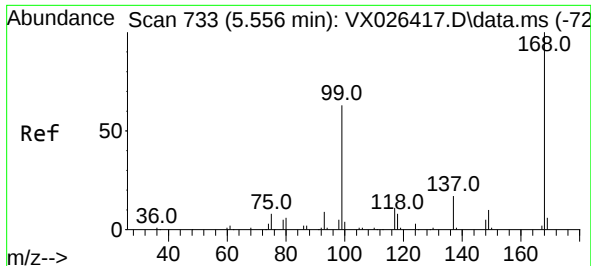
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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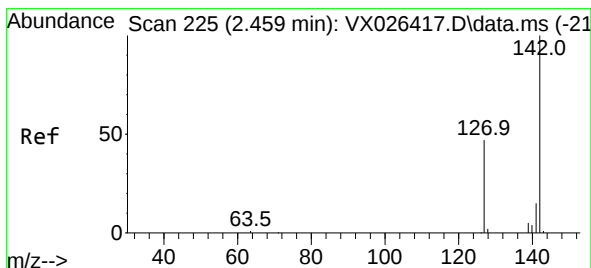
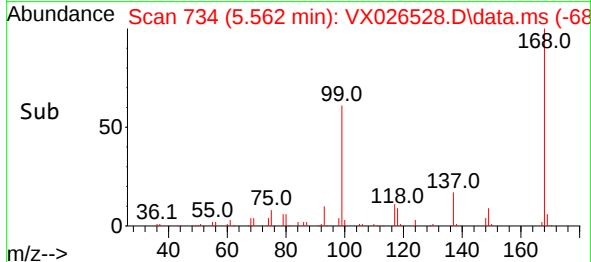
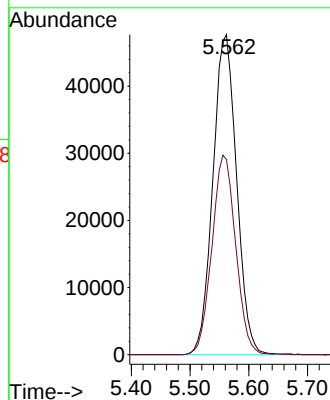
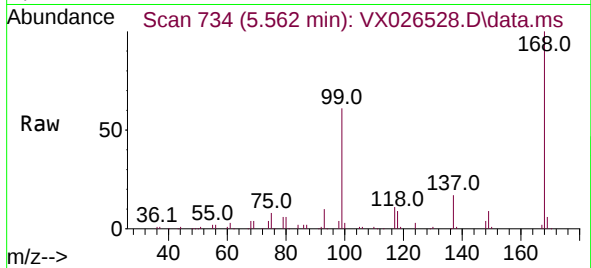




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

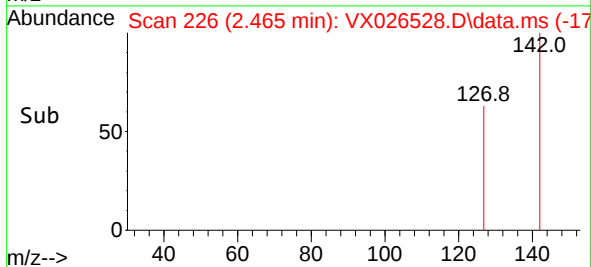
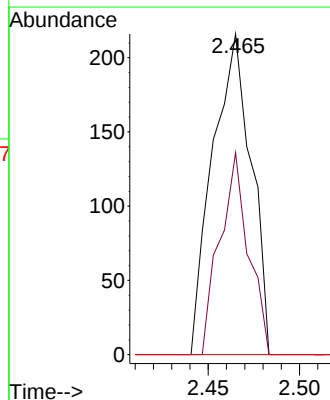
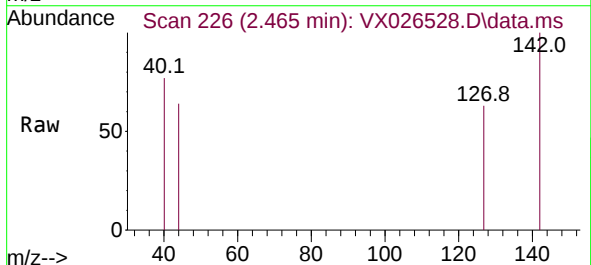
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#02

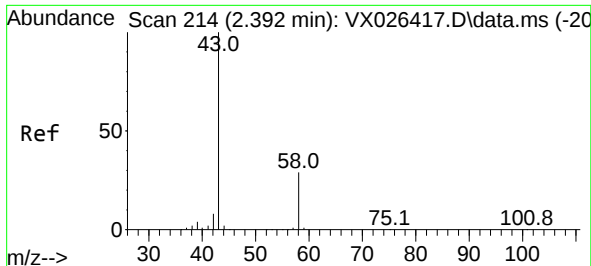
Tgt Ion:168 Resp: 133740
Ion Ratio Lower Upper
168 100
99 61.0 50.3 75.5



#10
Methyl Iodide
Concen: 4.629 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

Tgt Ion:142 Resp: 317
Ion Ratio Lower Upper
142 100
127 47.0 38.1 57.1
141 0.0 11.2 16.8#

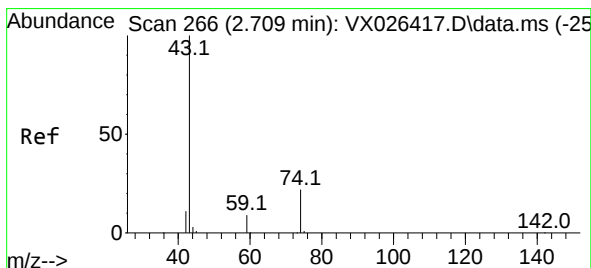
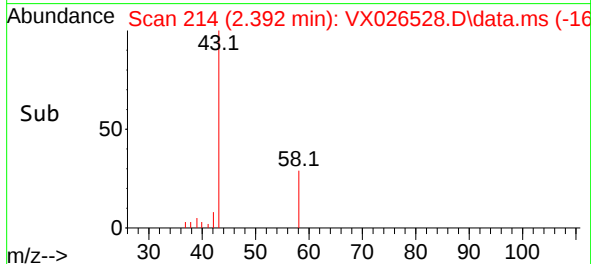
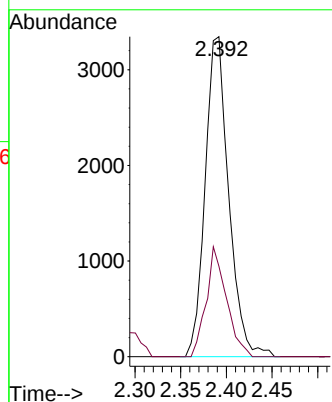
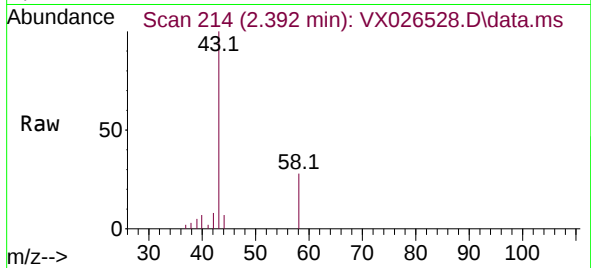




#16
Acetone
Concen: 6.288 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

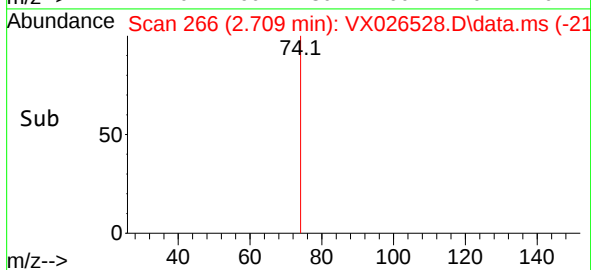
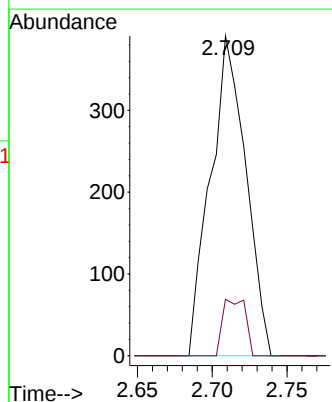
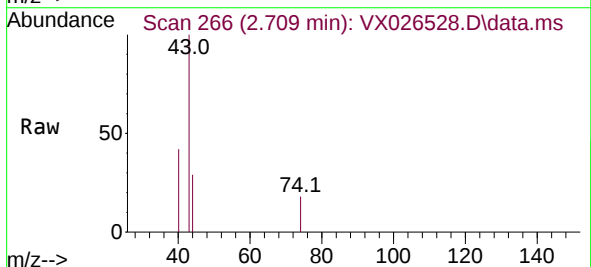
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#02

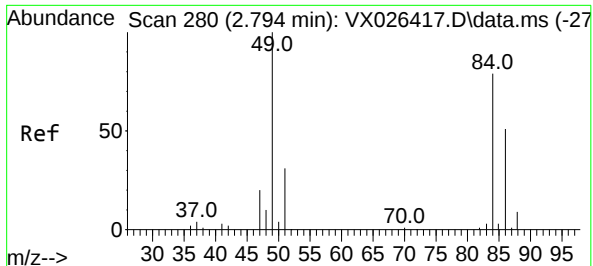
Tgt Ion: 43 Resp: 5991
Ion Ratio Lower Upper
43 100
58 28.2 23.0 34.6



#18
Methyl Acetate
Concen: 0.339 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

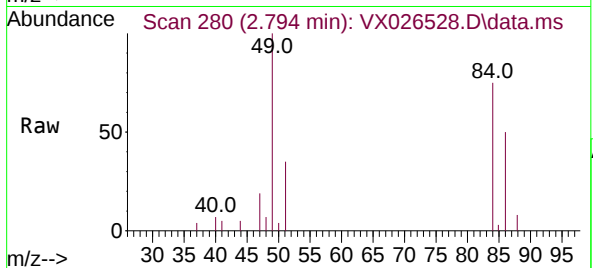
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
74 11.4 18.3 27.5#



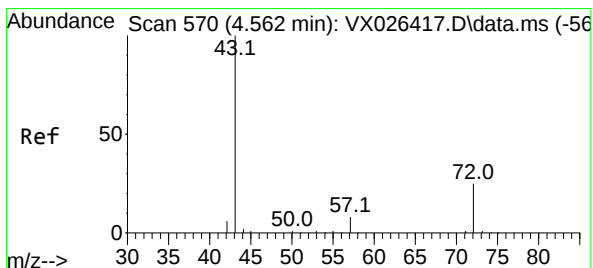
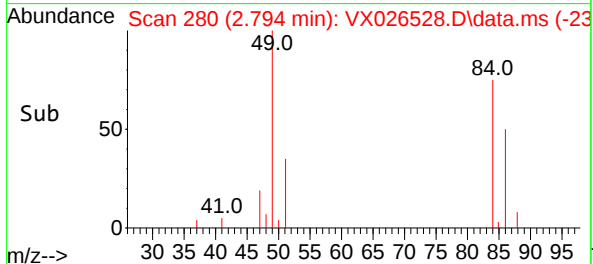
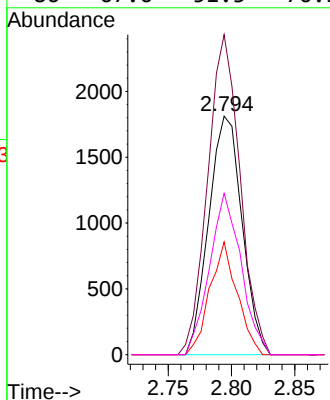


#20
Methylene Chloride
Concen: 2.106 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#02

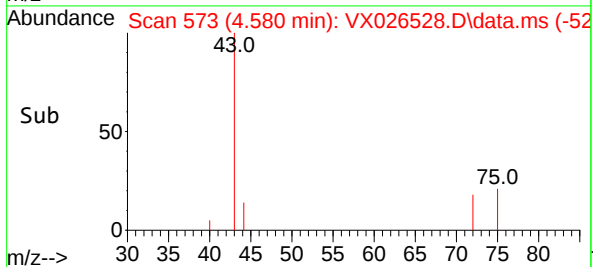
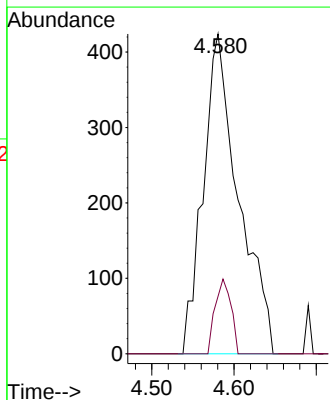
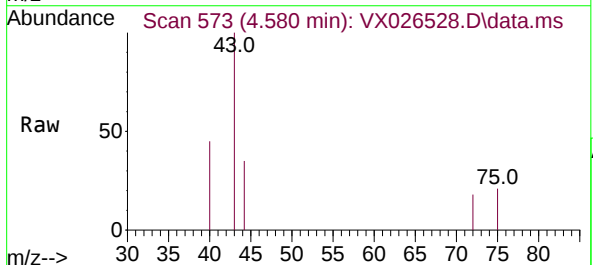


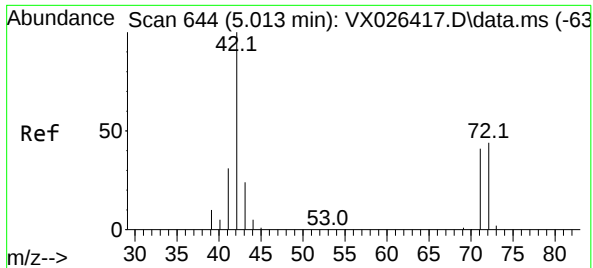
Tgt Ion:	84	Resp:	3315
Ion	Ratio	Lower	Upper
84	100		
49	134.2	101.5	152.3
51	47.3	31.2	46.8#
86	67.6	51.3	76.9



#25
2-Butanone
Concen: 1.022 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

Tgt Ion:	43	Resp:	1266
Ion	Ratio	Lower	Upper
43	100		
72	17.9	20.4	30.6#





#29

Tetrahydrofuran

Concen: 0.405 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX026528.D

Acq: 20 Jan 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

PB142135ZHE#02

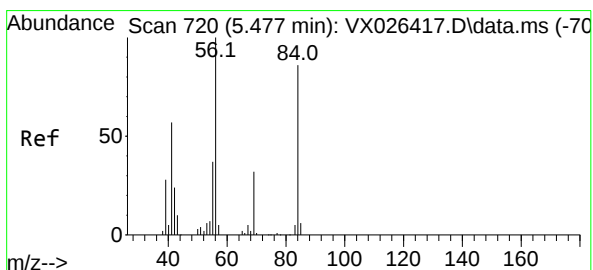
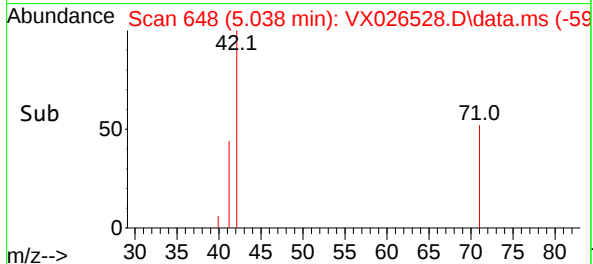
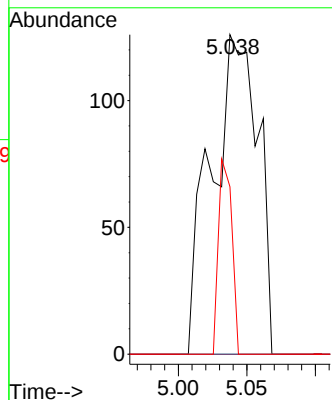
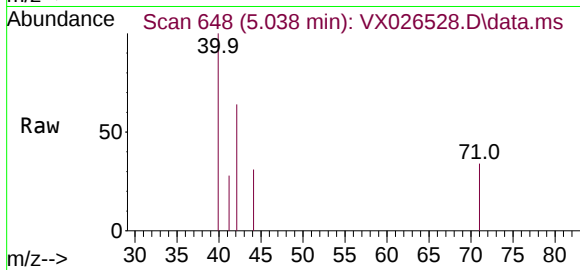
Tgt Ion: 42 Resp: 298

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 17.4 31.8 47.8#



#31

Cyclohexane

Concen: 1.000 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026528.D

Acq: 20 Jan 2022 13:11

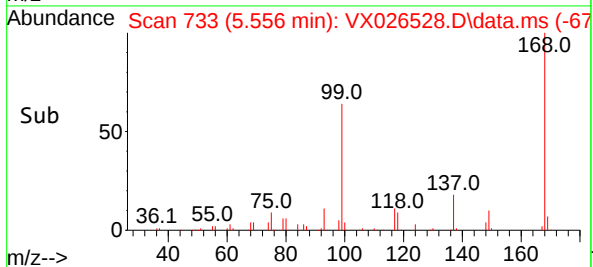
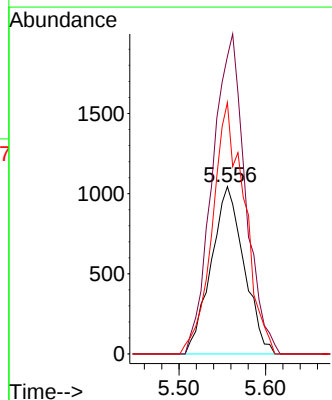
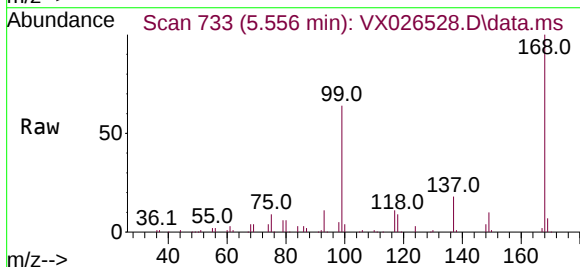
Tgt Ion: 56 Resp: 2755

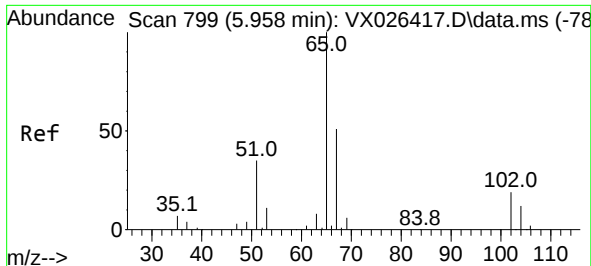
Ion Ratio Lower Upper

56 100

69 177.7 25.8 38.6#

84 150.3 68.9 103.3#

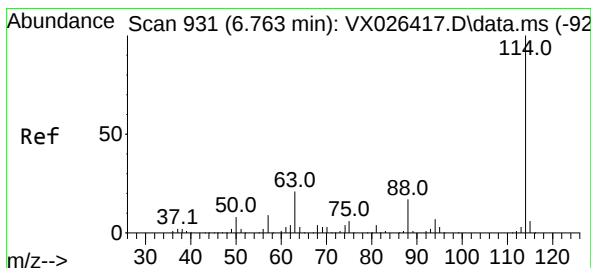
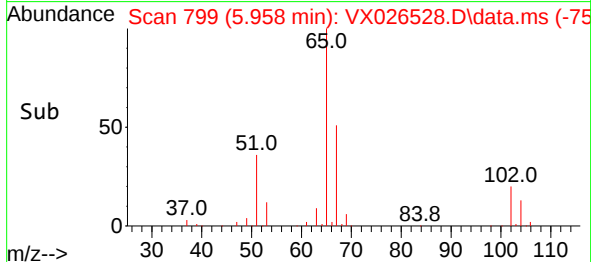
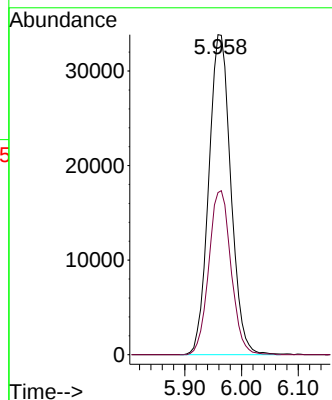
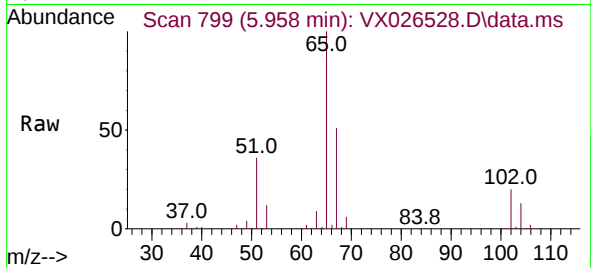




#33
 1,2-Dichloroethane-d4
 Concen: 48.906 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026528.D
 Acq: 20 Jan 2022 13:11

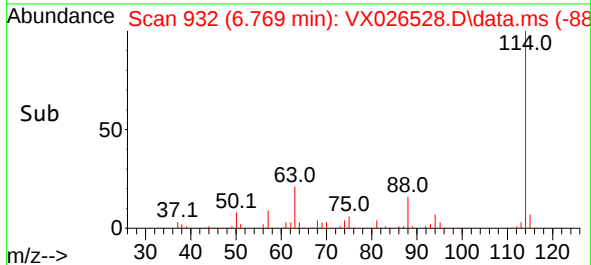
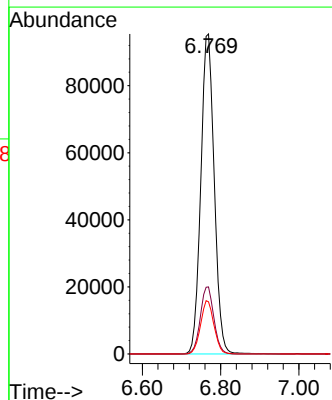
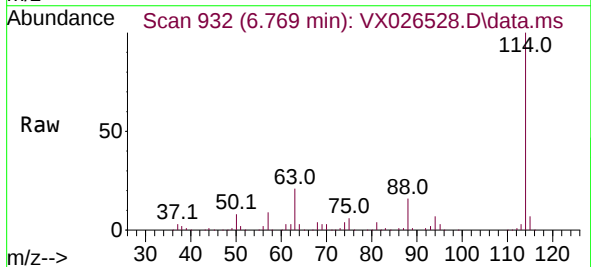
Instrument :
 MSVOA_X
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 PB142135ZHE#02

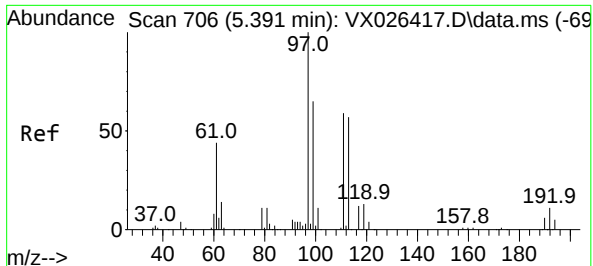
Tgt Ion: 65 Resp: 91369
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026528.D
 Acq: 20 Jan 2022 13:11

Tgt Ion: 114 Resp: 227631
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.678 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026528.D

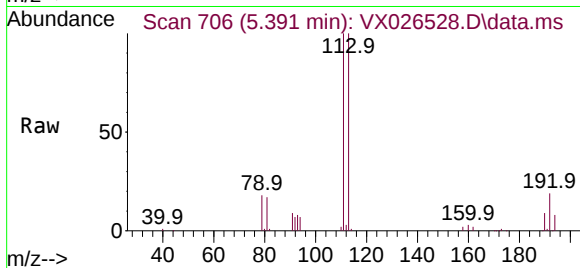
Acq: 20 Jan 2022 13:11

Instrument :

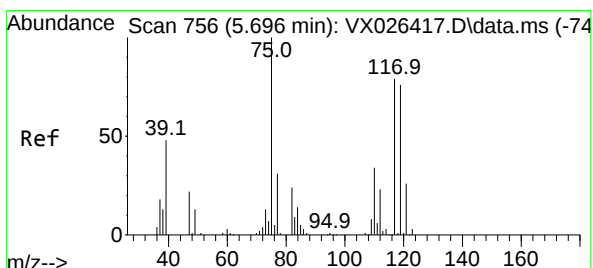
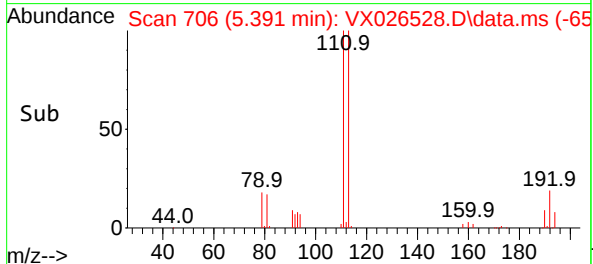
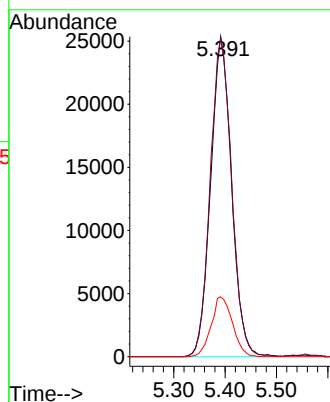
MSVOA_X

ClientSampleId :

PB142135ZHE#02



Tgt Ion:	113	Resp:	71555
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	19.0	15.0	22.4



#36

1,1-Dichloropropene

Concen: 4.578 ug/l

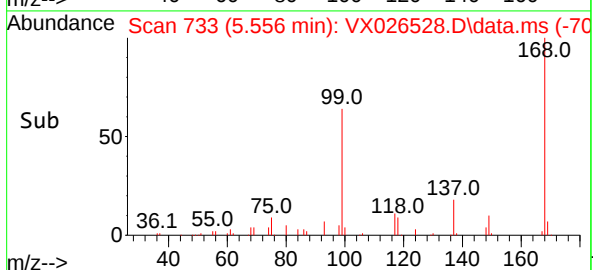
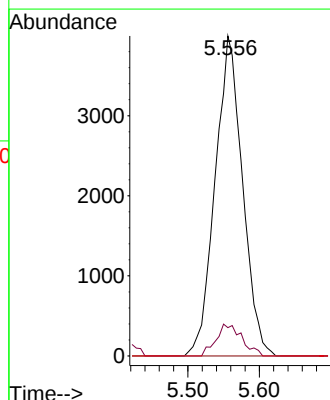
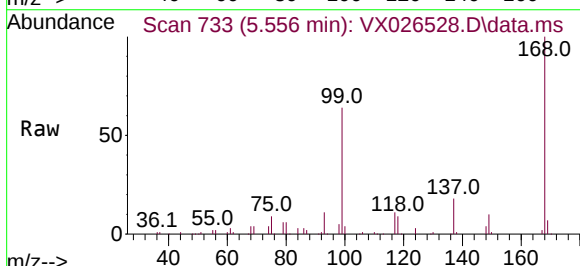
RT: 5.556 min Scan# 733

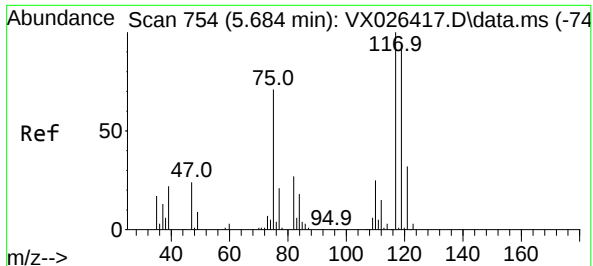
Delta R.T. -0.140 min

Lab File: VX026528.D

Acq: 20 Jan 2022 13:11

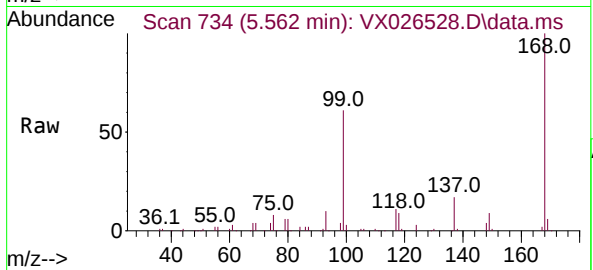
Tgt Ion:	75	Resp:	10623
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.2	51.6#
77	0.0	24.6	36.8#



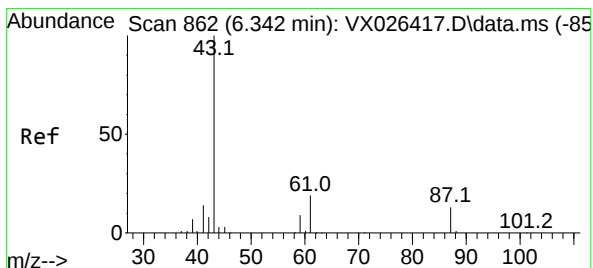
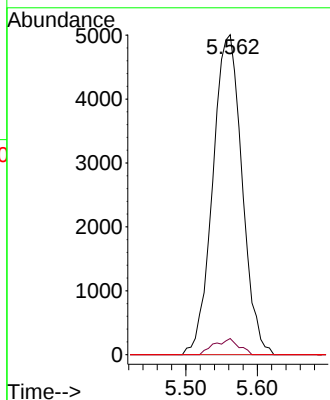
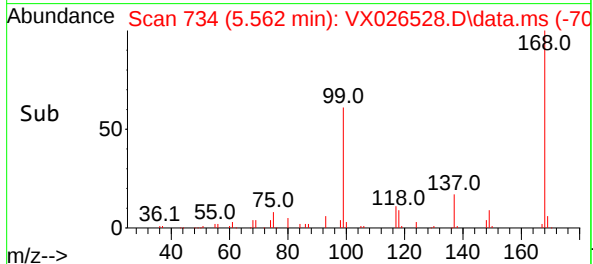


#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

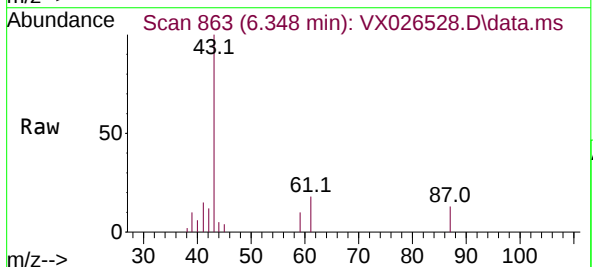
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PB142135ZHE#02



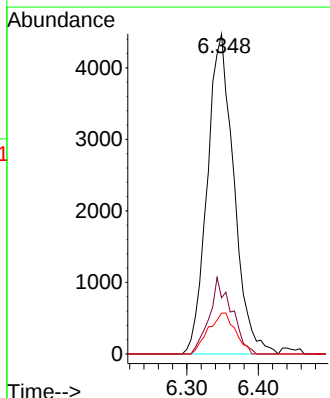
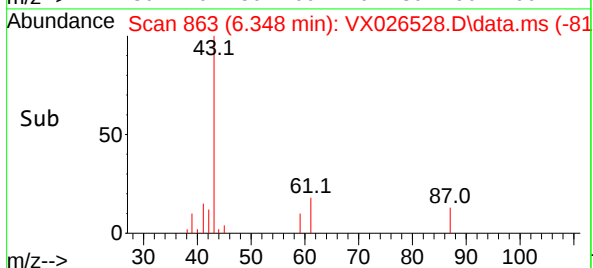
Tgt Ion:117 Resp: 14221
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#

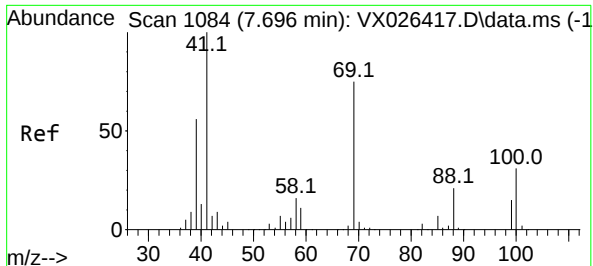


#43
Isopropyl Acetate
Concen: 3.046 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11



Tgt Ion: 43 Resp: 11552
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.0
87 12.9 10.2 15.2





#48

Methyl methacrylate

Concen: 34.197 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026528.D

Acq: 20 Jan 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

PB142135ZHE#02

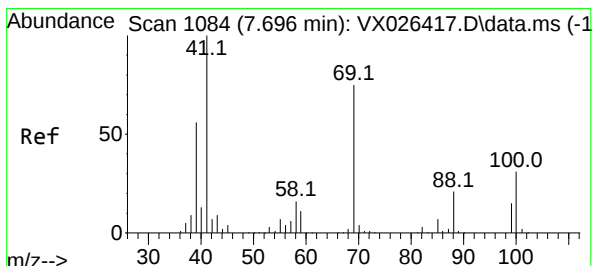
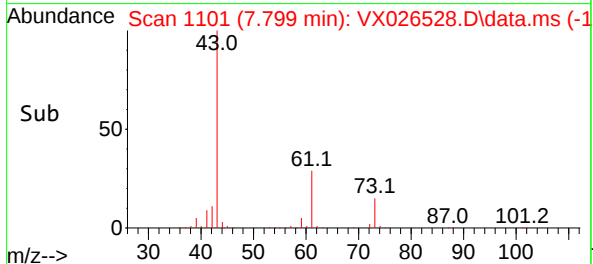
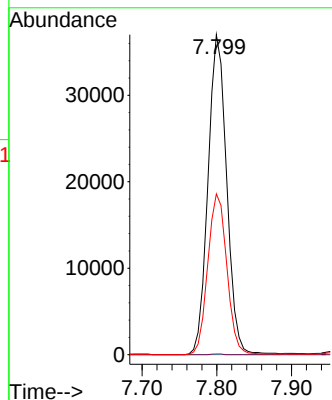
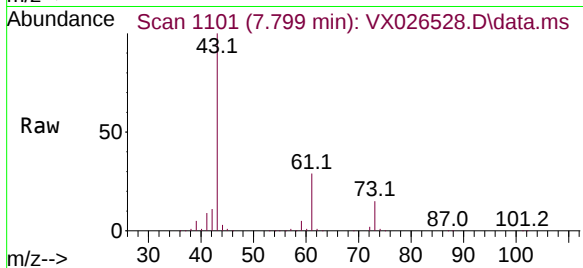
Tgt Ion: 41 Resp: 64262

Ion Ratio Lower Upper

41 100

69 0.1 62.2 93.4#

39 51.2 45.4 68.0



#49

1,4-Dioxane

Concen: 1.621 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026528.D

Acq: 20 Jan 2022 13:11

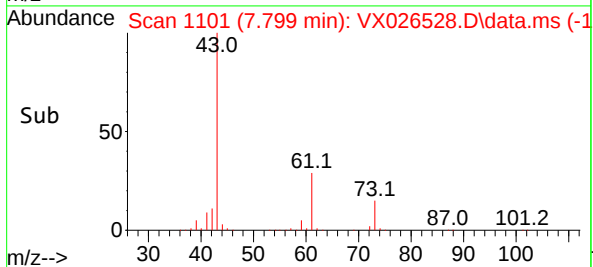
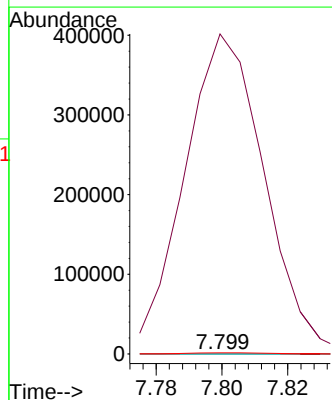
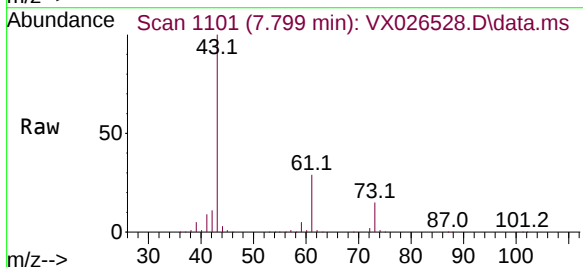
Tgt Ion: 88 Resp: 50

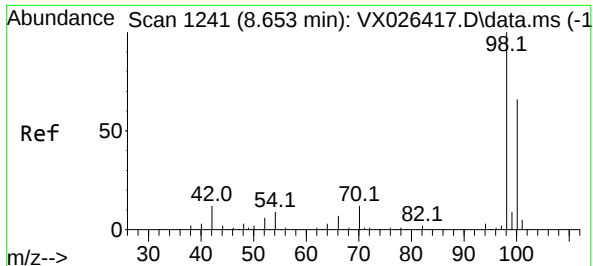
Ion Ratio Lower Upper

88 100

43 1379544.0 29.9 44.9#

58 5126.0 57.8 86.6#

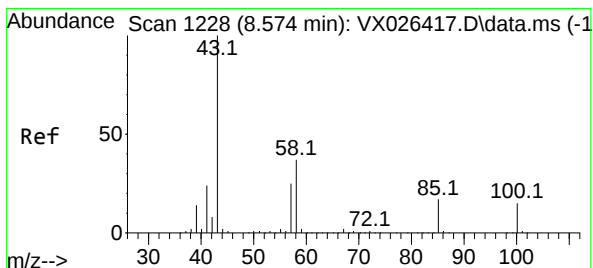
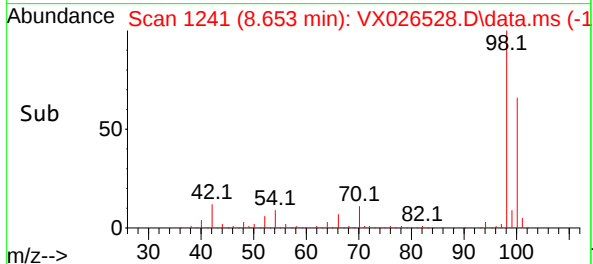
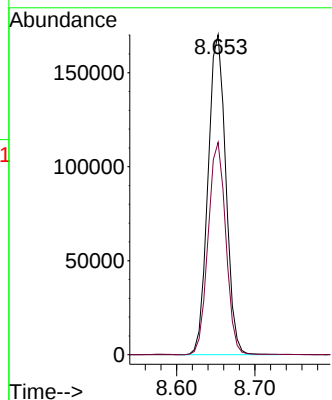
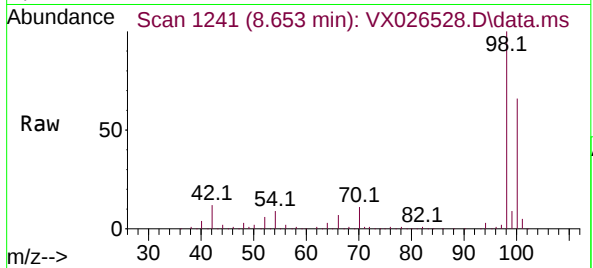




#50
Toluene-d8
Concen: 50.559 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

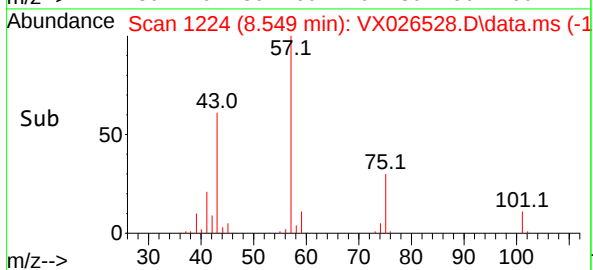
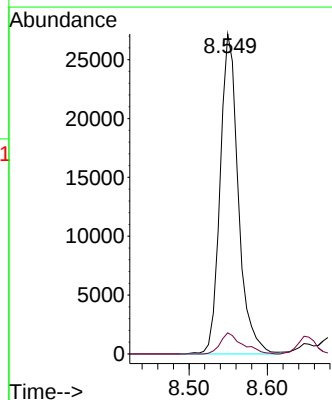
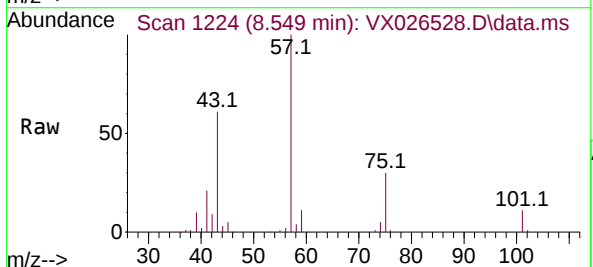
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#02

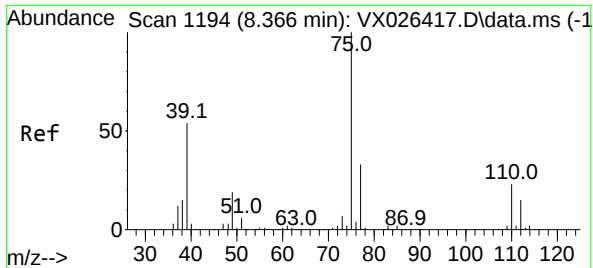
Tgt Ion: 98 Resp: 267820
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.553 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

Tgt Ion: 43 Resp: 43977
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#

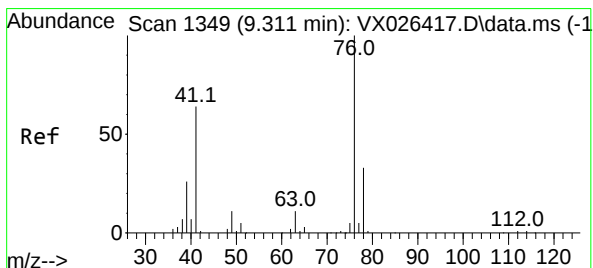
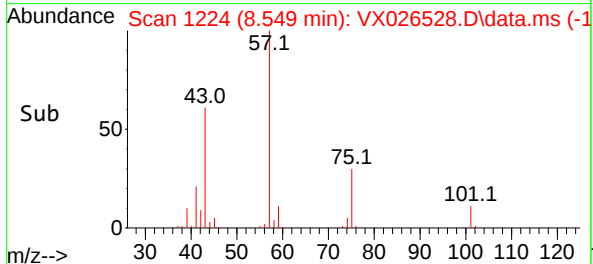
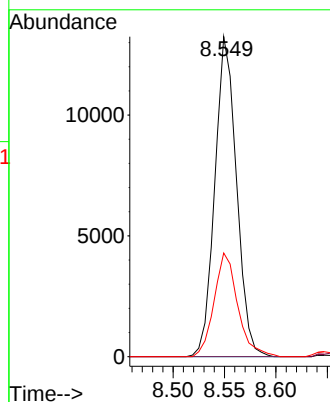
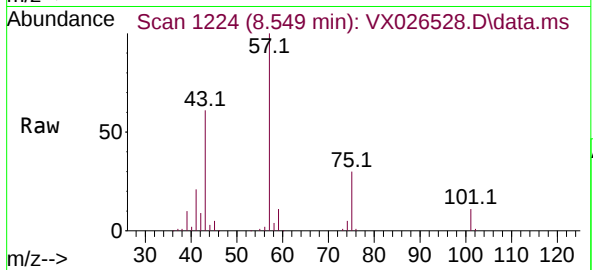




#54
 cis-1,3-Dichloropropene
 Concen: 7.923 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026528.D
 Acq: 20 Jan 2022 13:11

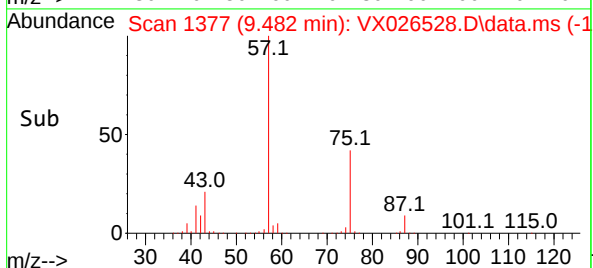
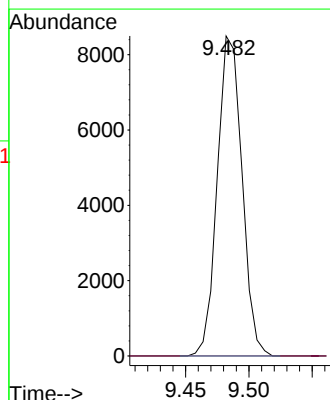
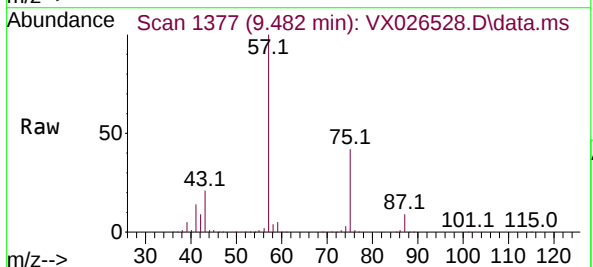
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#02

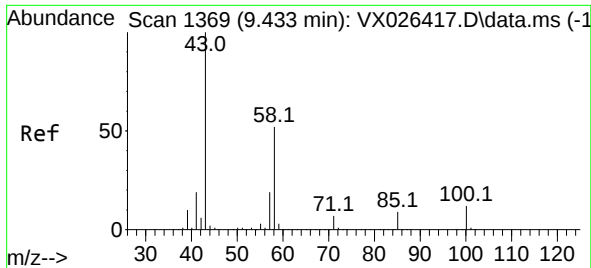
Tgt Ion: 75 Resp: 19406
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 32.4 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.328 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026528.D
 Acq: 20 Jan 2022 13:11

Tgt Ion: 76 Resp: 11517
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

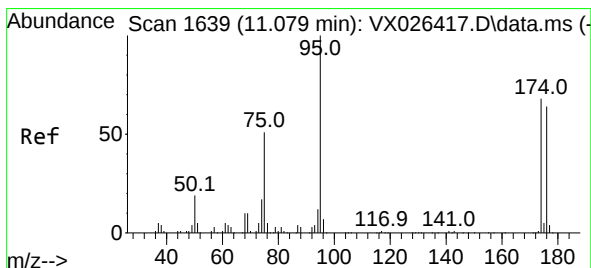
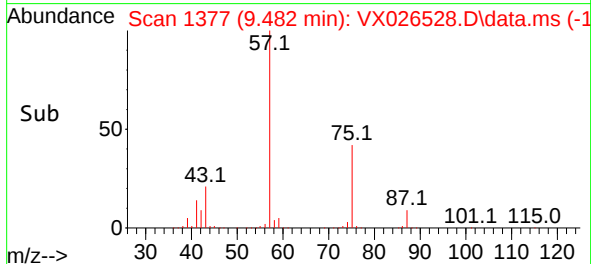
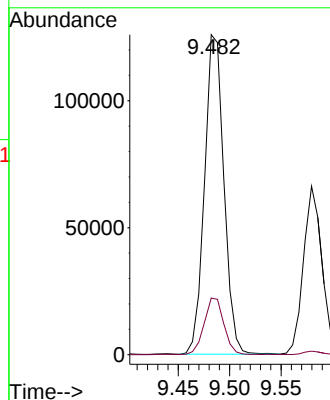
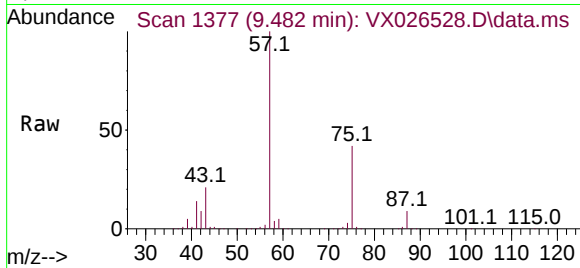




#59
2-Hexanone
Concen: 96.292 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

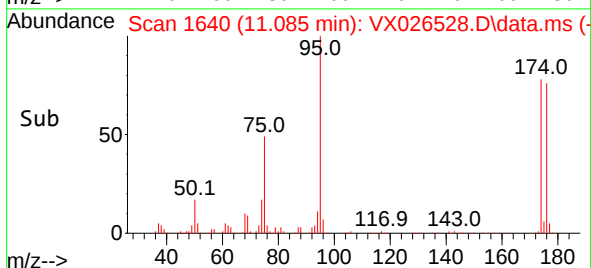
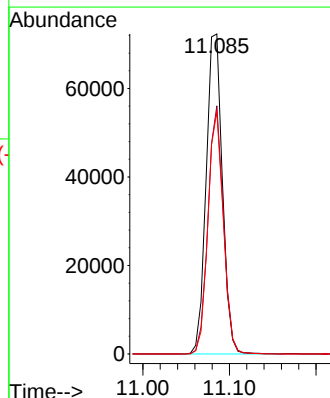
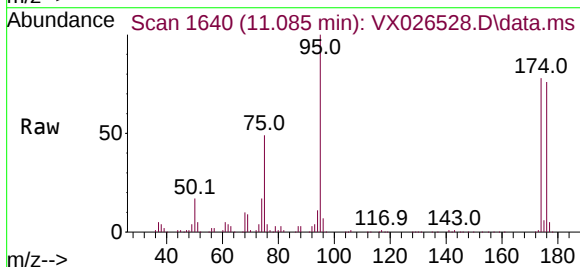
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#02

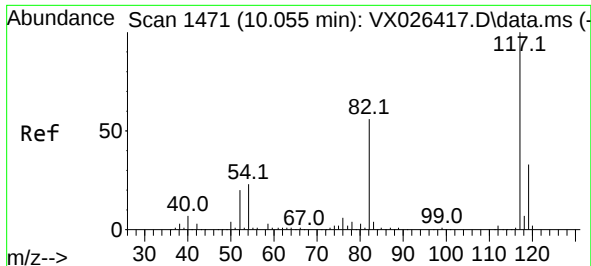
Tgt Ion: 43 Resp: 165758
Ion Ratio Lower Upper
43 100
58 18.0 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 50.027 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

Tgt Ion: 95 Resp: 94138
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.6
176 71.7 0.0 141.4

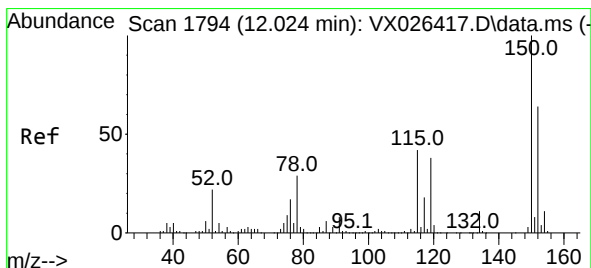
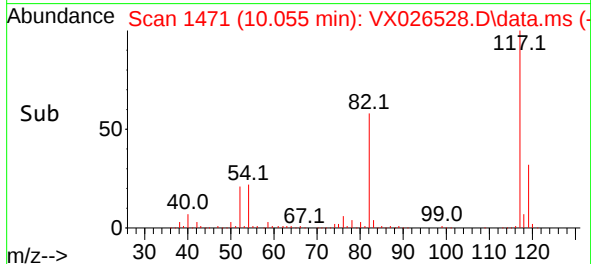
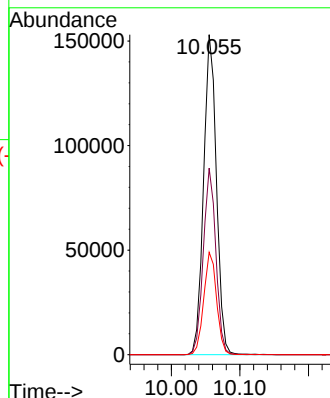
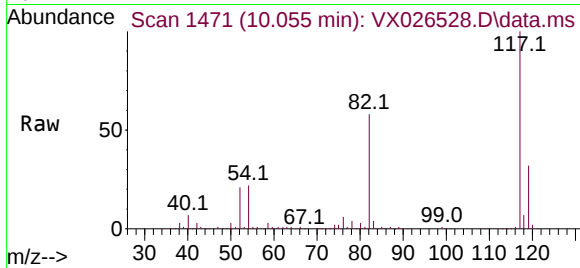




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

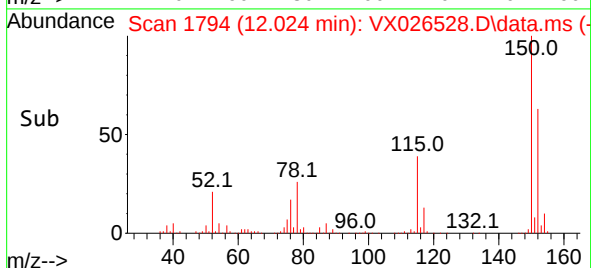
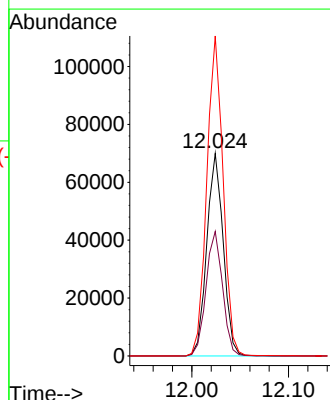
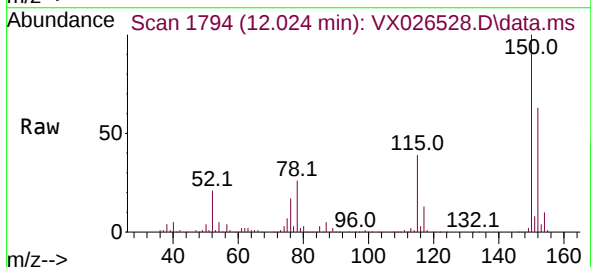
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#02

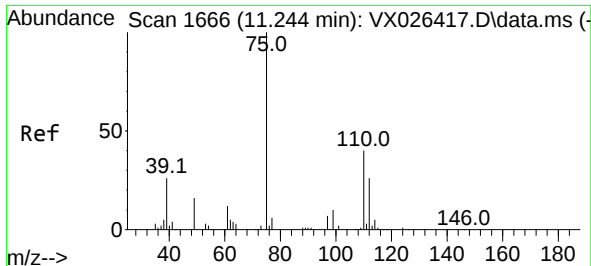
Tgt Ion:117 Resp: 199869
Ion Ratio Lower Upper
117 100
82 58.3 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

Tgt Ion:152 Resp: 83008
Ion Ratio Lower Upper
152 100
115 61.8 44.2 132.6
150 156.5 0.0 348.2

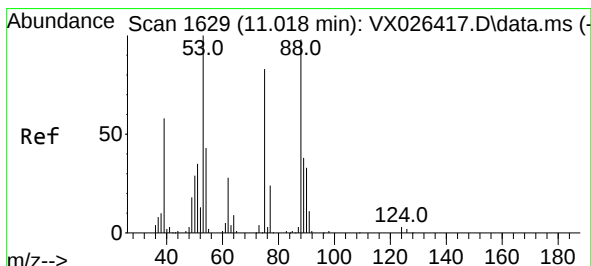
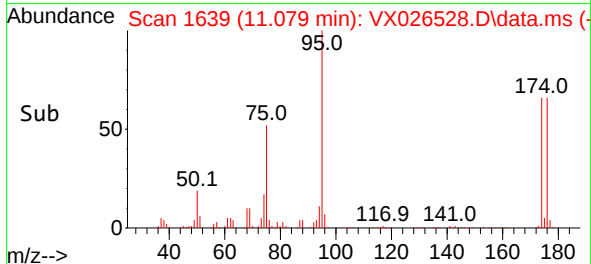
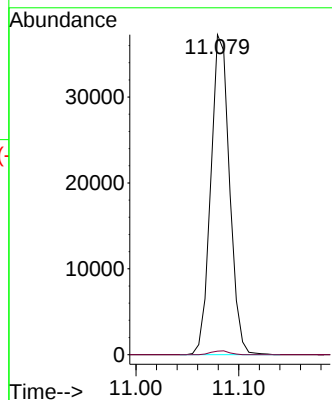
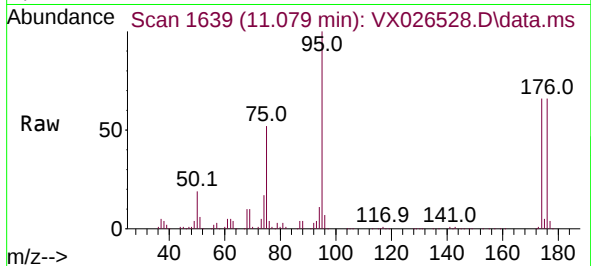




#76
1,2,3-Trichloropropane
Concen: 25.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#02

Tgt Ion: 75 Resp: 47170
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.288 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026528.D
Acq: 20 Jan 2022 13:11

Tgt Ion: 75 Resp: 47170
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

