

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033339.D
 Acq On : 09 Dec 2022 11:56
 Operator : JC/MD
 Sample : VX1209MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209MBL01

Quant Time: Dec 09 14:41:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

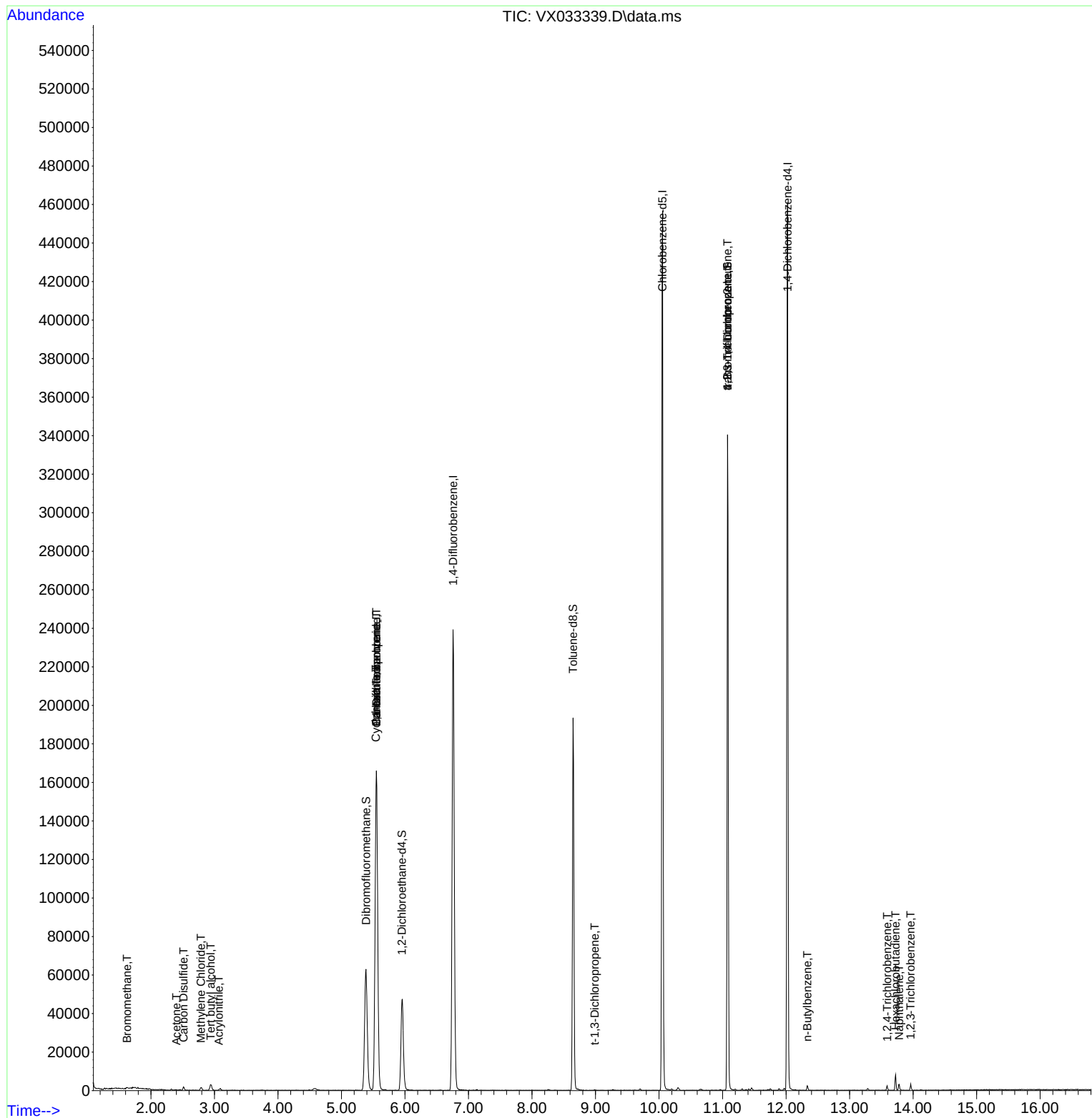
Internal Standards						
1) Pentafluorobenzene	5.550	168	162472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48506	46.537	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.385	113	55634	49.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.720%
50) Toluene-d8	8.647	98	117435	49.805	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	90192	50.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.060%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	328	0.298	ug/l	93
11) Tert butyl alcohol	2.940	59	1824	5.724	ug/l #	72
15) Acrylonitrile	3.068	53	280	0.355	ug/l #	84
16) Acetone	2.398	43	272	0.353	ug/l #	45
17) Carbon Disulfide	2.514	76	2049	0.542	ug/l #	92
20) Methylene Chloride	2.788	84	809	0.470	ug/l #	73
31) Cyclohexane	5.544	56	2858	1.154	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11895	5.413	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16179	6.571	ug/l #	15
53) t-1,3-Dichloropropene	8.988	75	217	2.584	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	46166	22.478	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46166	69.922	ug/l #	6
89) n-Butylbenzene	12.335	91	1008	0.201	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	770	0.381	ug/l	96
94) Hexachlorobutadiene	13.725	225	1277	1.578	ug/l	98
95) Naphthalene	13.780	128	2695	0.400	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	833	0.407	ug/l	97

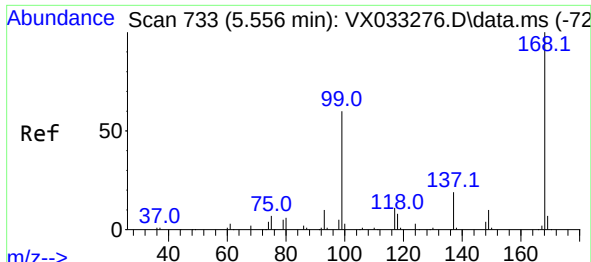
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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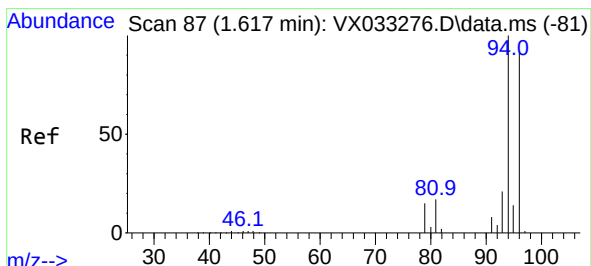
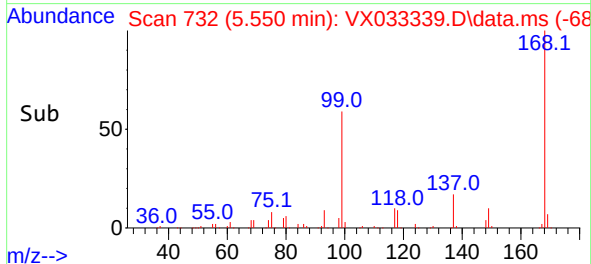
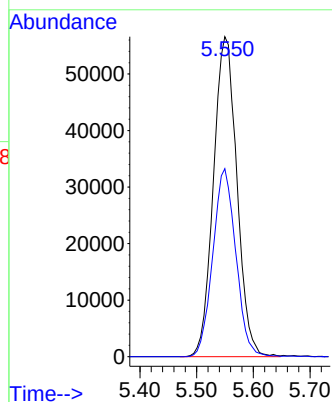
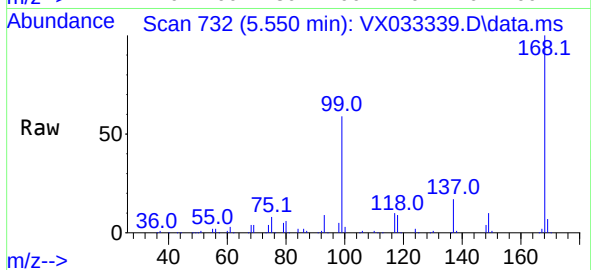




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

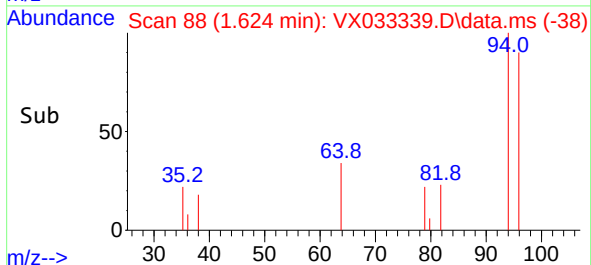
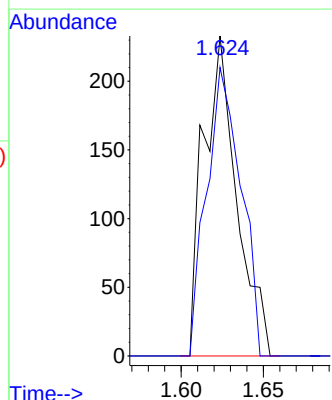
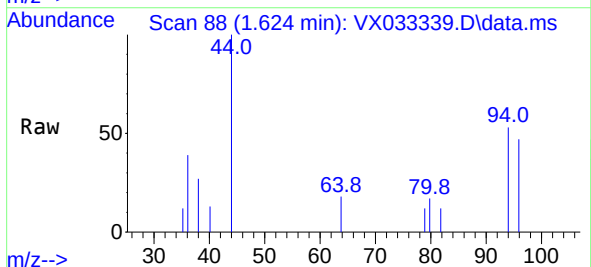
Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

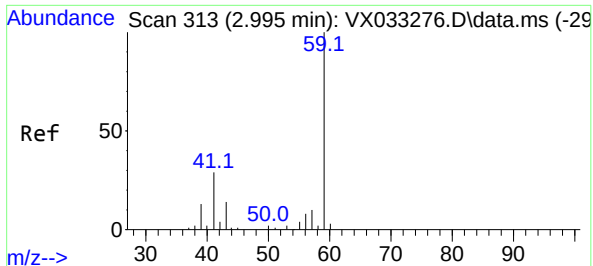
Tgt Ion:168 Resp: 162472
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion: 94 Resp: 328
Ion Ratio Lower Upper
94 100
96 90.1 77.6 116.4





#11

Tert butyl alcohol

Concen: 5.724 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX033339.D

Acq: 09 Dec 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

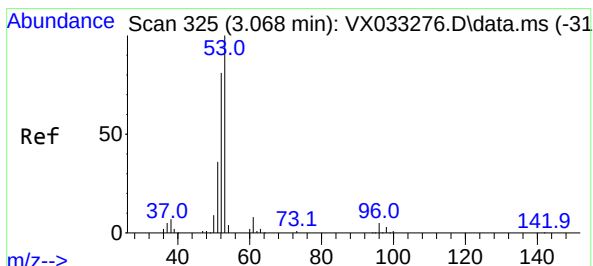
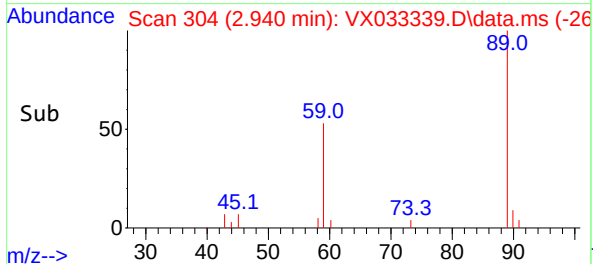
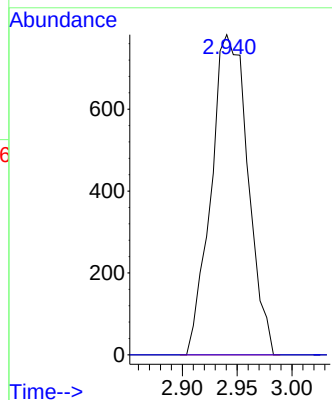
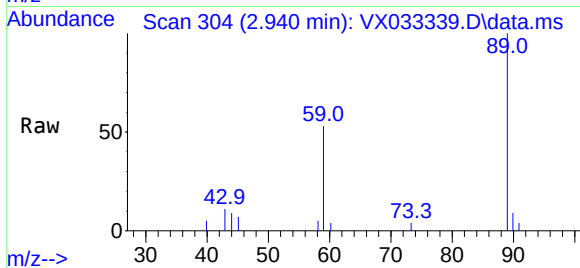
VX1209MBL01

Tgt Ion: 59 Resp: 1824

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#15

Acrylonitrile

Concen: 0.355 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX033339.D

Acq: 09 Dec 2022 11:56

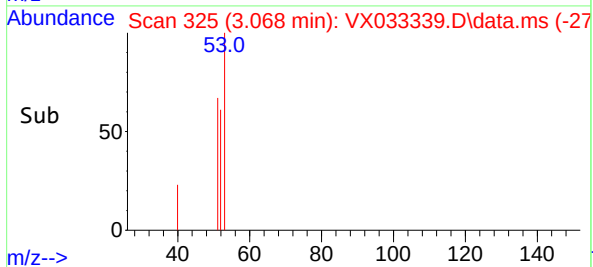
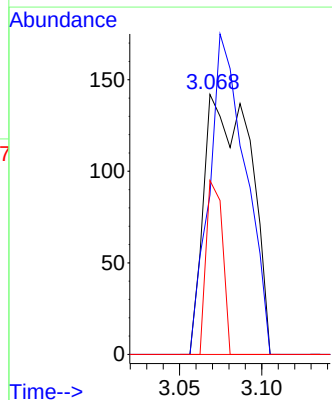
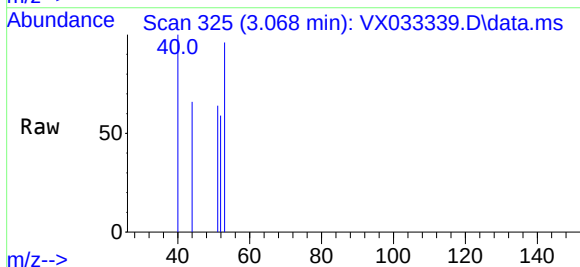
Tgt Ion: 53 Resp: 280

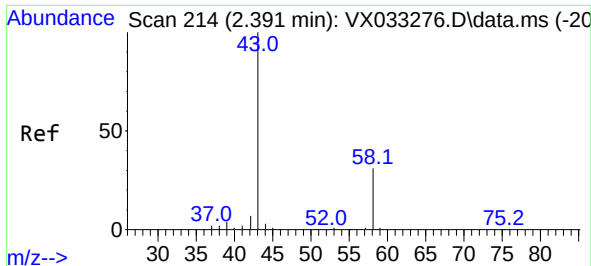
Ion Ratio Lower Upper

53 100

52 95.7 67.4 101.0

51 23.2 30.3 45.5#

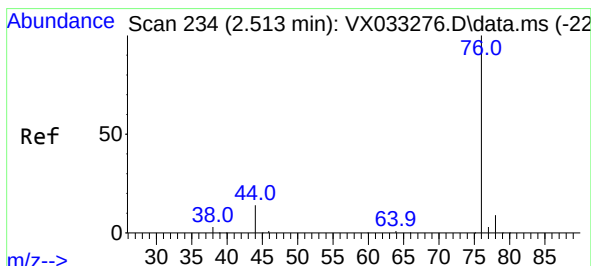
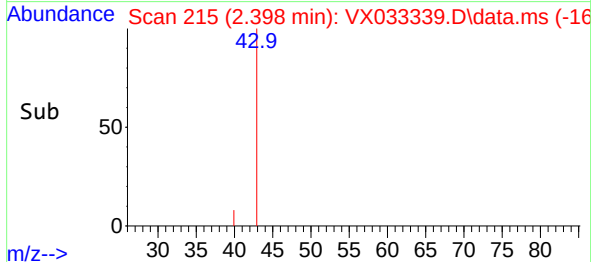
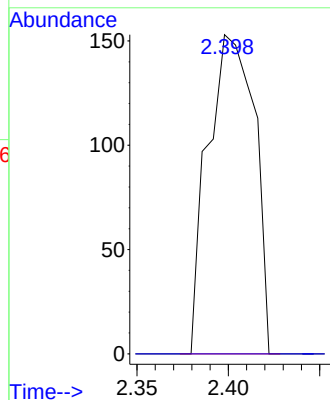
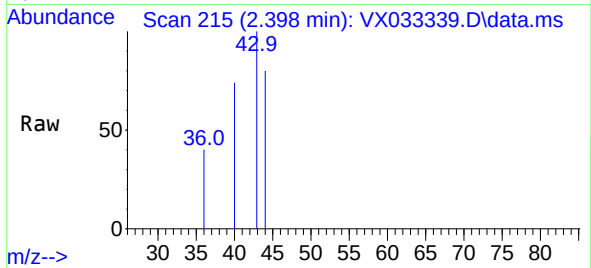




#16
Acetone
Concen: 0.353 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

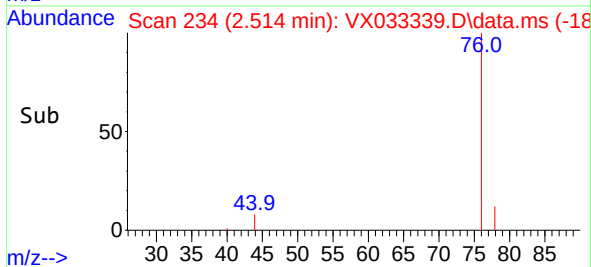
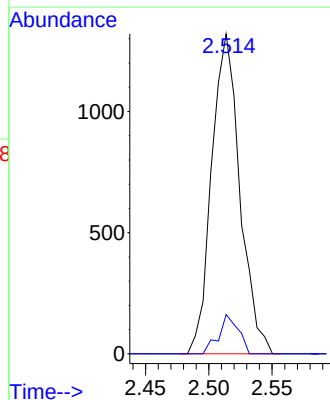
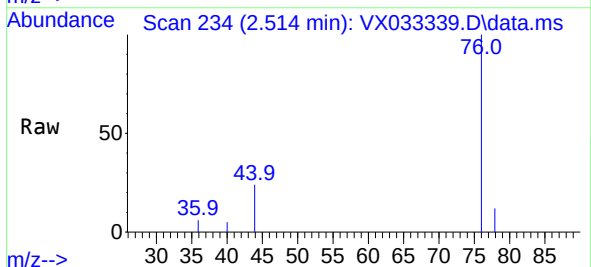
Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

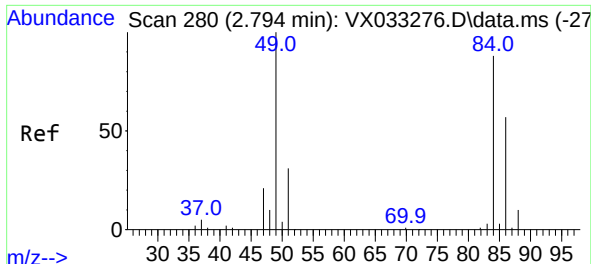
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.542 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion: 76 Resp: 2049
Ion Ratio Lower Upper
76 100
78 12.3 7.5 11.3#



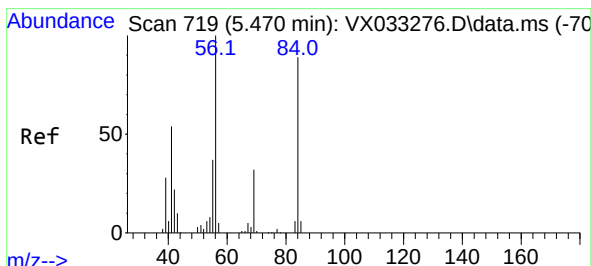
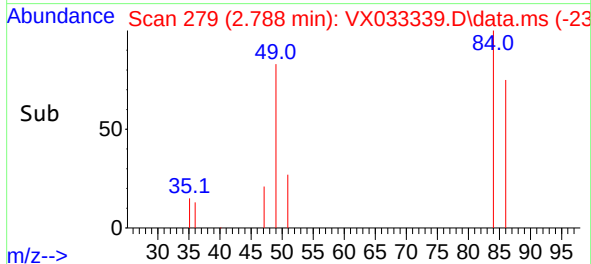
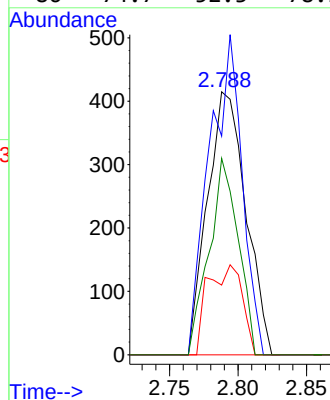
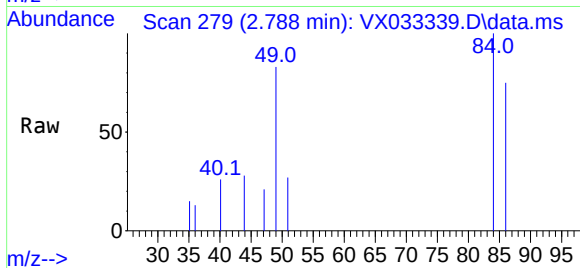


#20
Methylene Chloride
Concen: 0.470 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

Tgt Ion: 84 Resp: 809

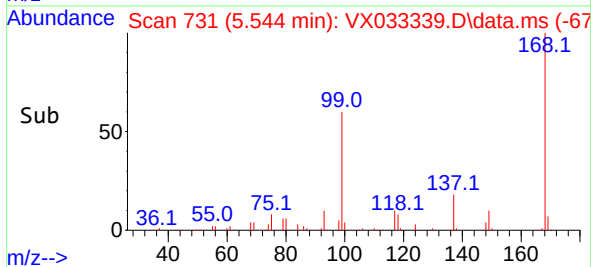
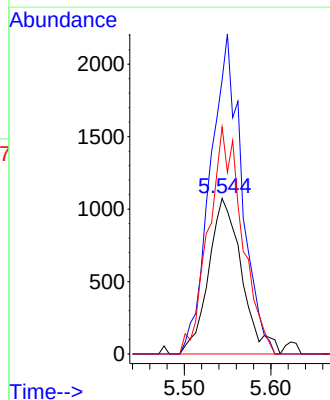
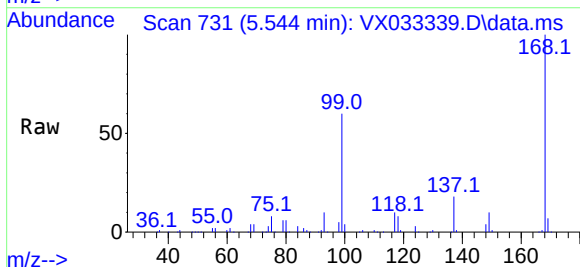
Ion	Ratio	Lower	Upper
84	100		
49	83.1	101.0	151.6#
51	26.5	31.1	46.7#
86	74.7	52.3	78.5

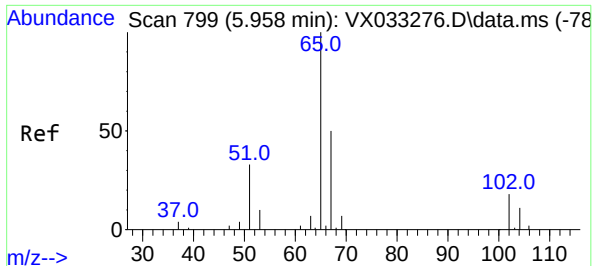


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion: 56 Resp: 2858

Ion	Ratio	Lower	Upper
56	100		
69	176.2	24.1	36.1#
84	145.9	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 46.537 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX033339.D

Acq: 09 Dec 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

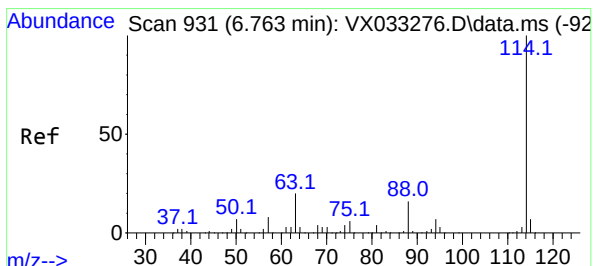
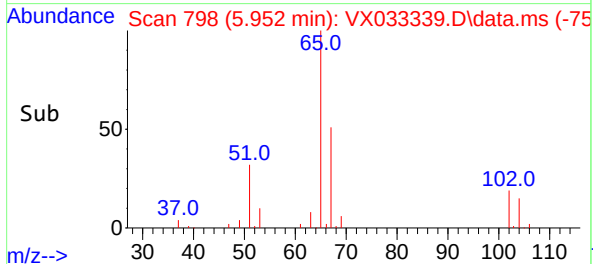
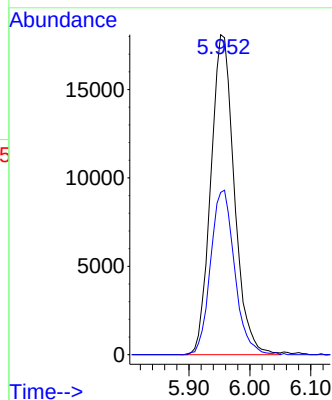
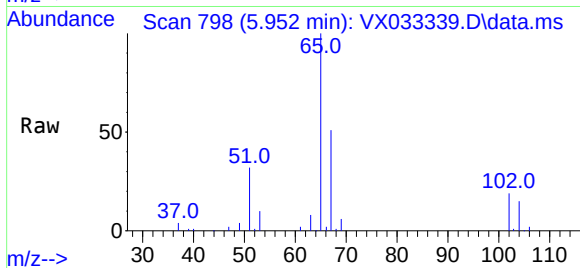
VX1209MBL01

Tgt Ion: 65 Resp: 48506

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033339.D

Acq: 09 Dec 2022 11:56

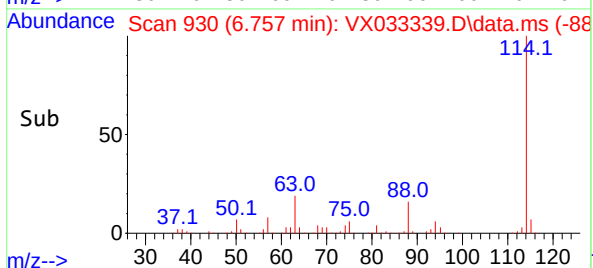
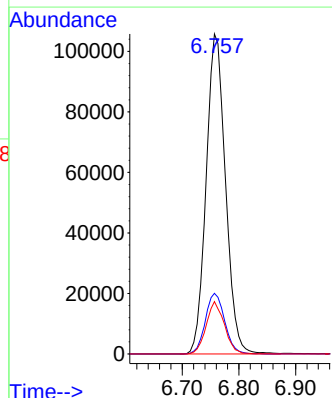
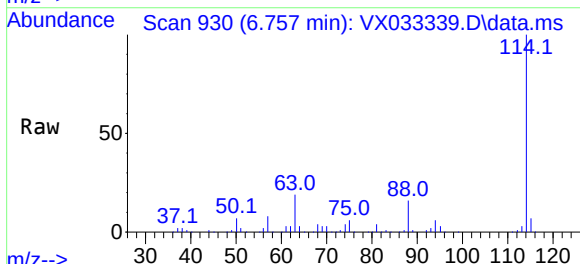
Tgt Ion: 114 Resp: 250595

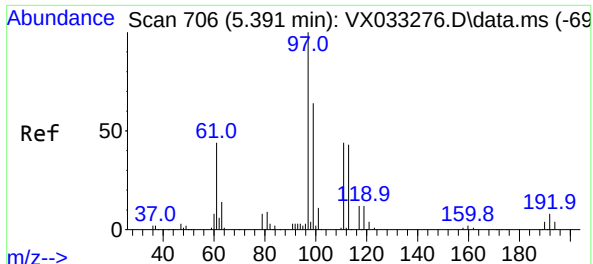
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 16.4 0.0 33.4

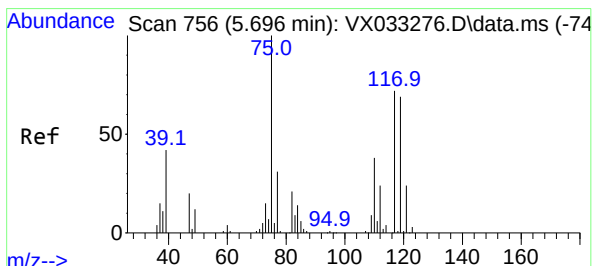
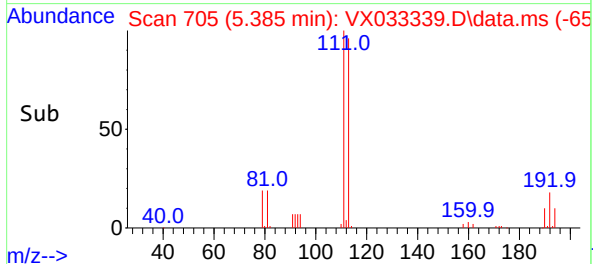
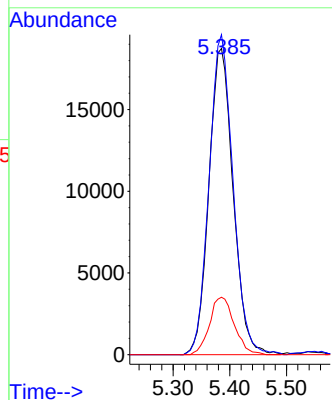
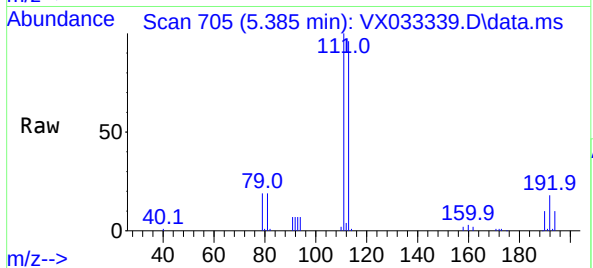




#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

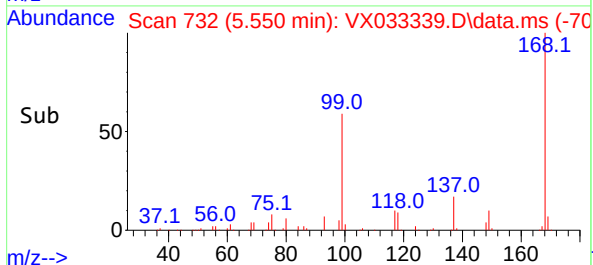
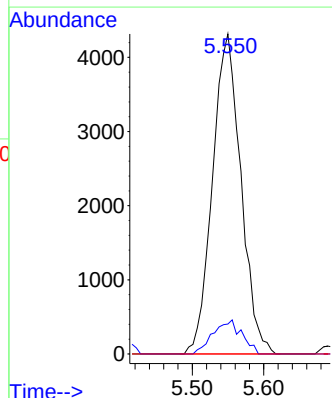
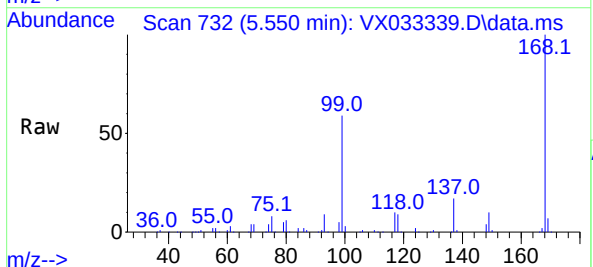
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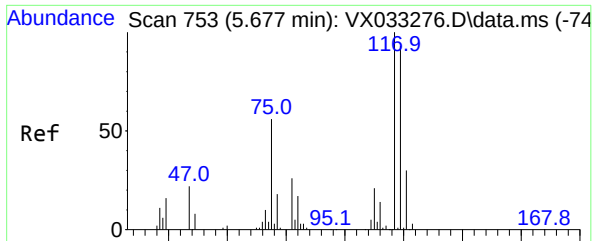
Tgt Ion:113 Resp: 55634
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.413 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion: 75 Resp: 11895
Ion Ratio Lower Upper
75 100
110 10.7 18.4 55.2#
77 0.0 24.5 36.7#

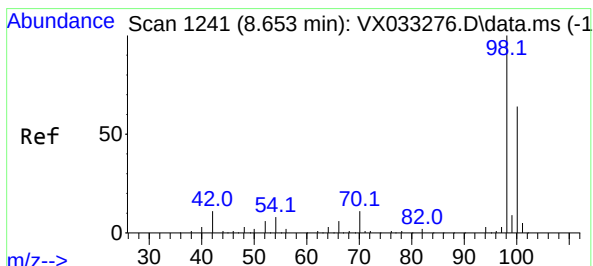
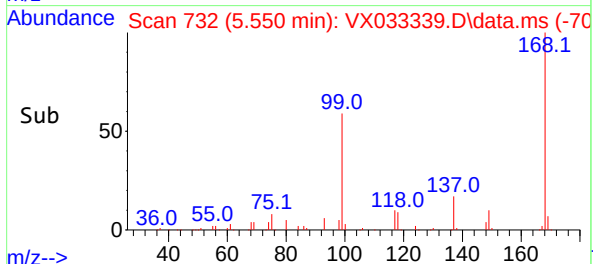
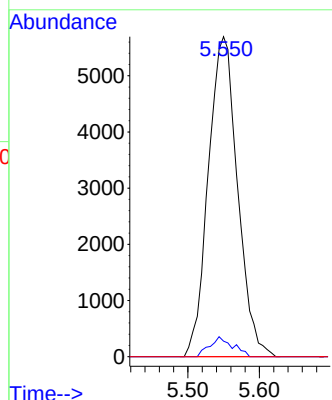
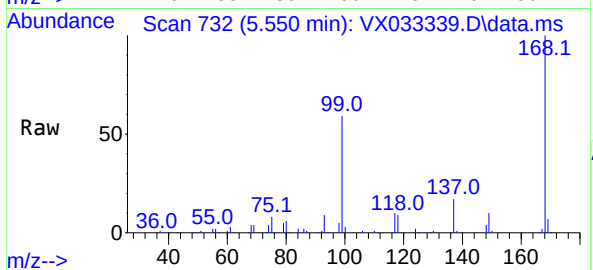




#38
Carbon Tetrachloride
Concen: 6.571 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

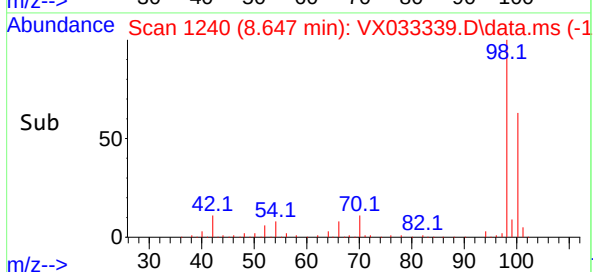
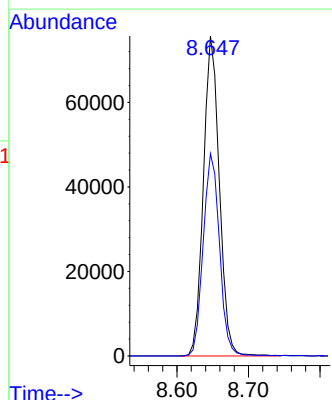
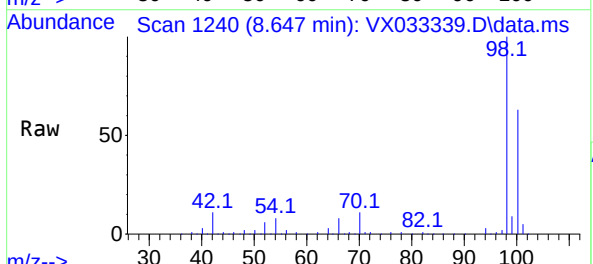
Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

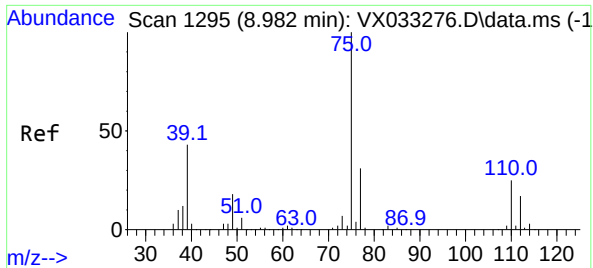
Tgt Ion:117 Resp: 16179
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.805 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion: 98 Resp: 117435
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

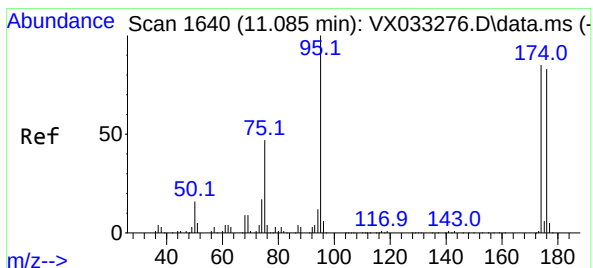
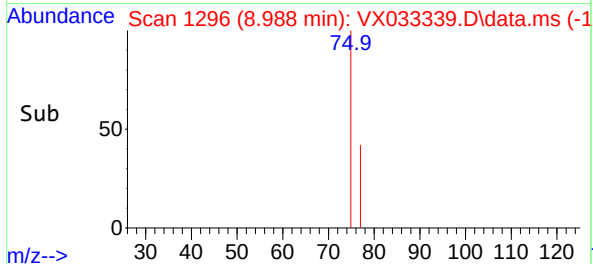
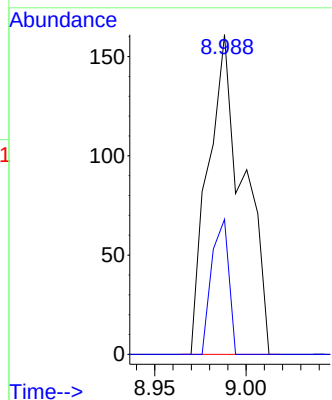
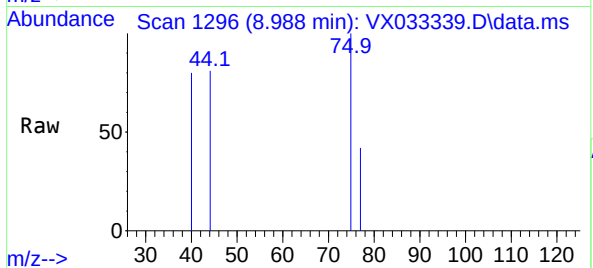




#53
t-1,3-Dichloropropene
Concen: 2.584 ug/l
RT: 8.988 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

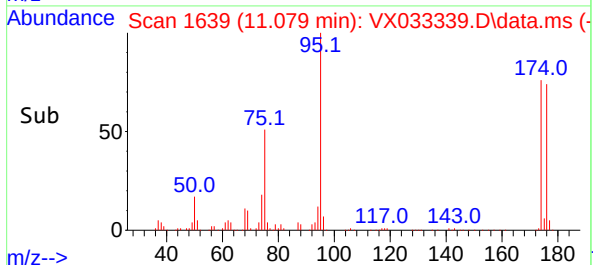
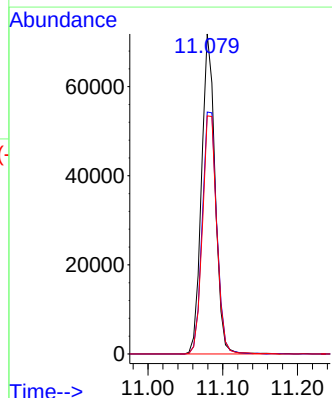
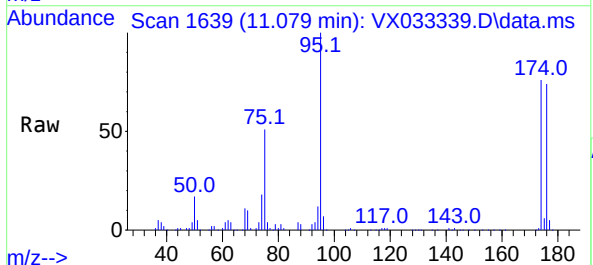
Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

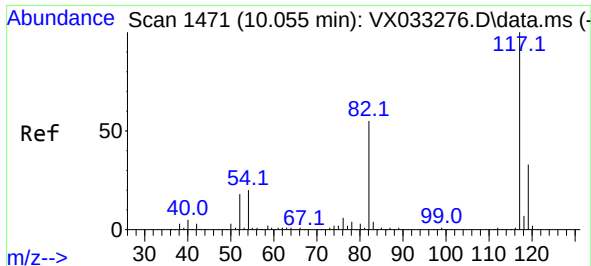
Tgt Ion: 75 Resp: 217
Ion Ratio Lower Upper
75 100
77 42.2 25.1 37.7#



#62
4-Bromofluorobenzene
Concen: 50.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion: 95 Resp: 90192
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 78.9 0.0 154.4

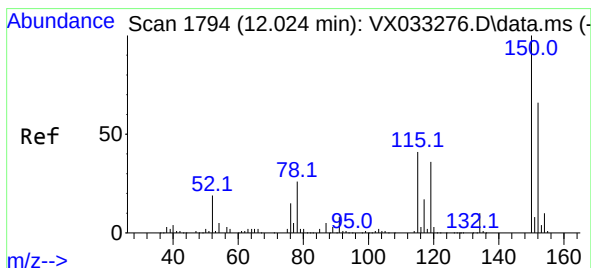
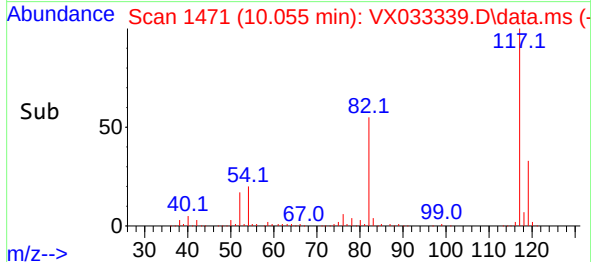
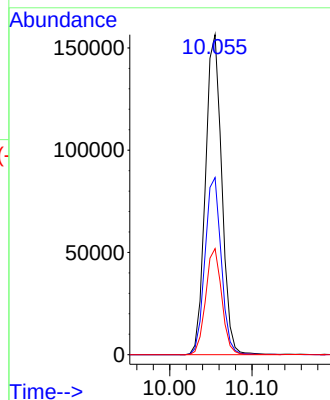
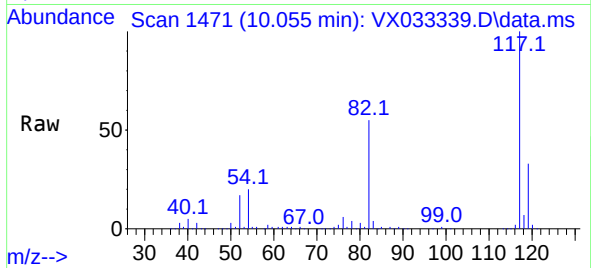




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

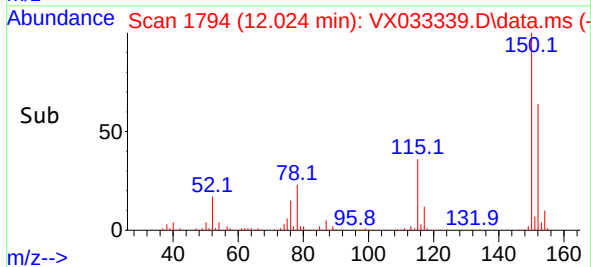
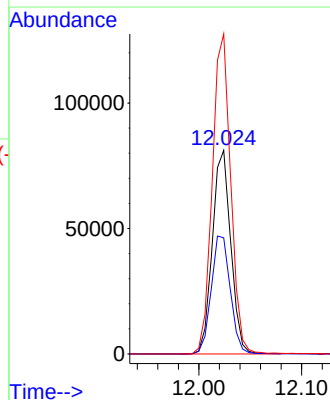
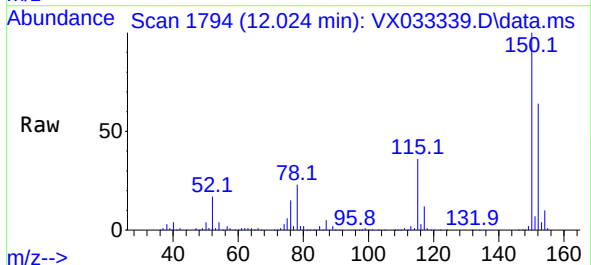
Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

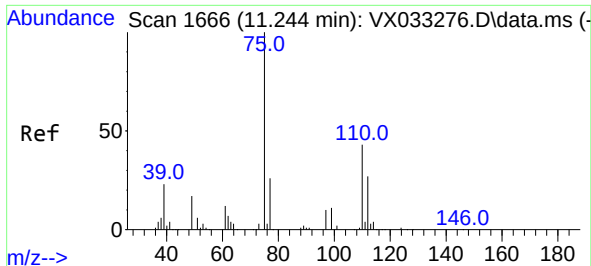
Tgt Ion:117 Resp: 215917
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 33.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion:152 Resp: 100949
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 157.1 0.0 351.8

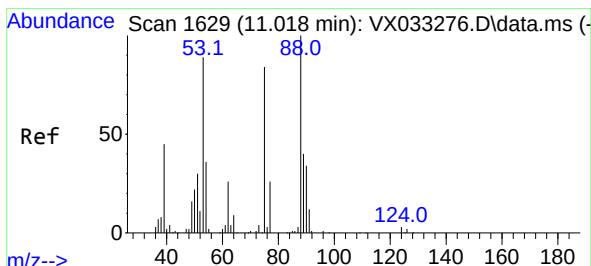
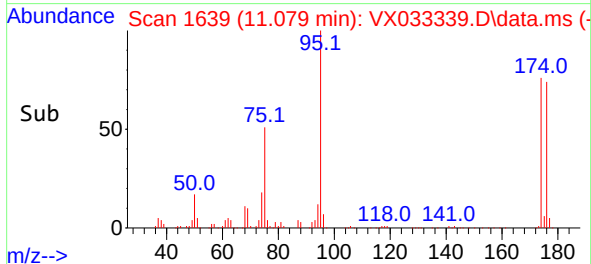
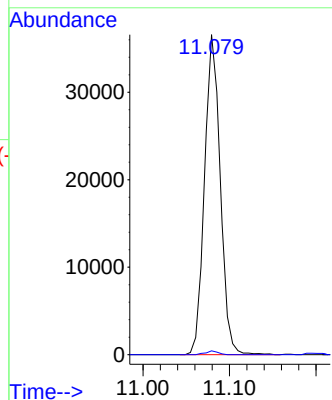
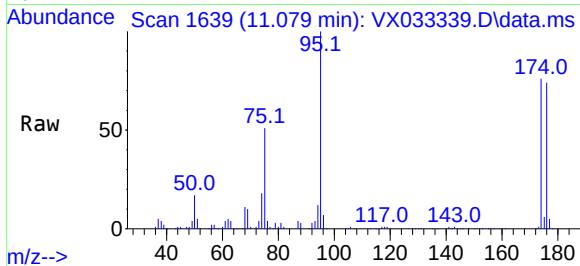




#76
1,2,3-Trichloropropane
Concen: 22.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

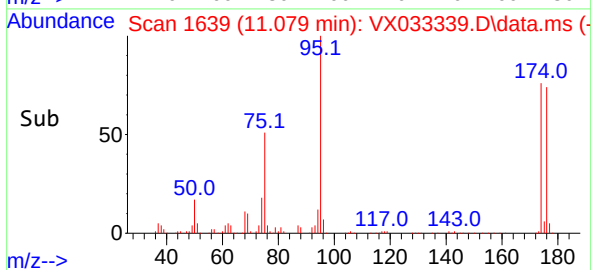
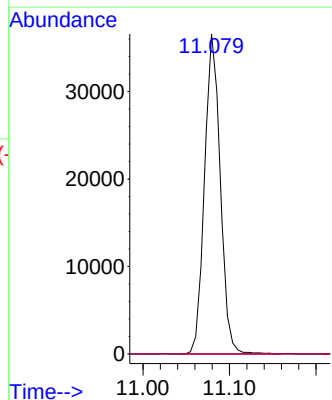
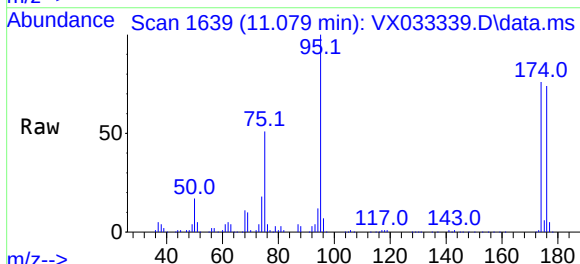
Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

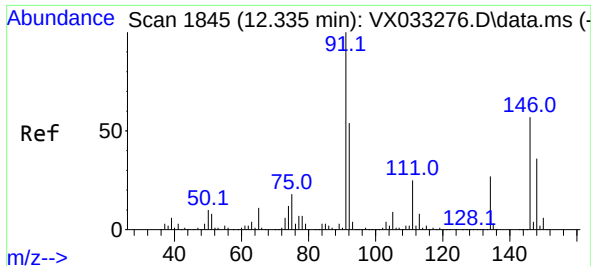
Tgt Ion: 75 Resp: 46166
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion: 75 Resp: 46166
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#89

n-Butylbenzene

Concen: 0.201 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033339.D

Acq: 09 Dec 2022 11:56

Instrument :

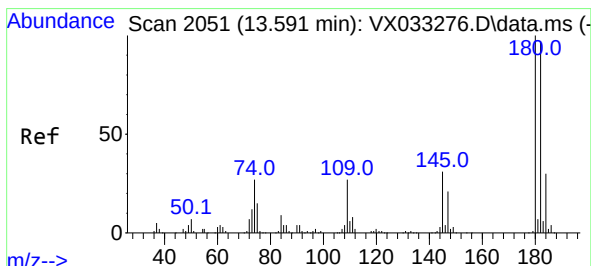
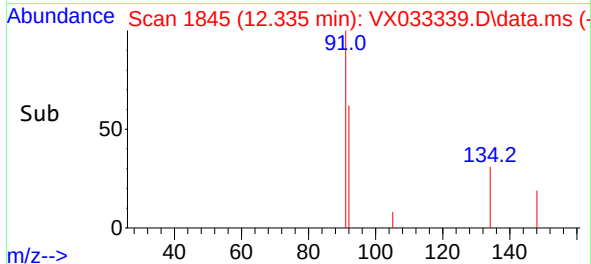
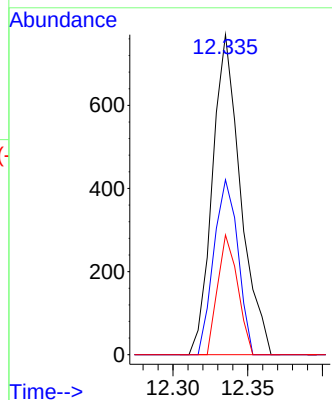
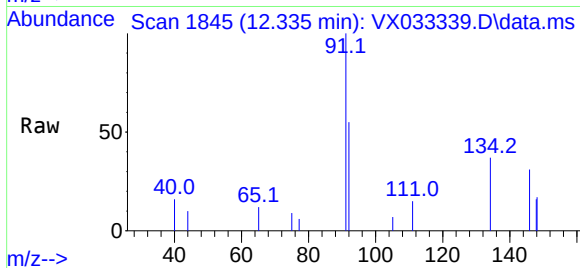
MSVOA_X

ClientSampleId :

VX1209MBL01

Tgt Ion: 91 Resp: 1008

Ion	Ratio	Lower	Upper
91	100		
92	46.8	26.2	78.6
134	26.5	12.9	38.6



#93

1,2,4-Trichlorobenzene

Concen: 0.381 ug/l

RT: 13.591 min Scan# 2051

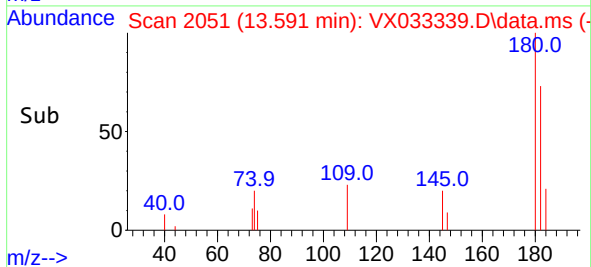
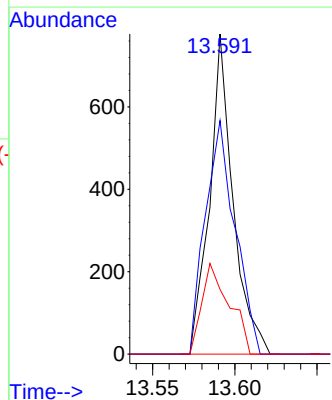
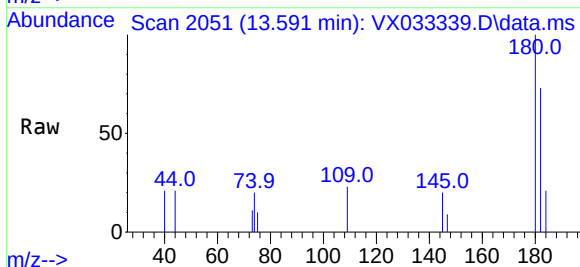
Delta R.T. 0.000 min

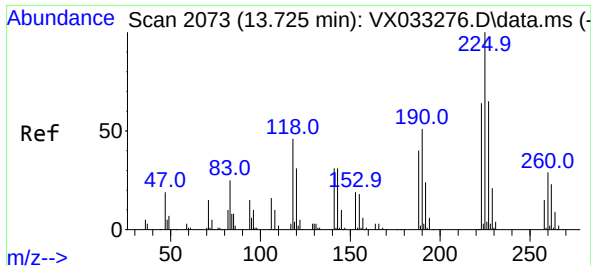
Lab File: VX033339.D

Acq: 09 Dec 2022 11:56

Tgt Ion: 180 Resp: 770

Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.4	145.0
145	33.2	16.2	48.5

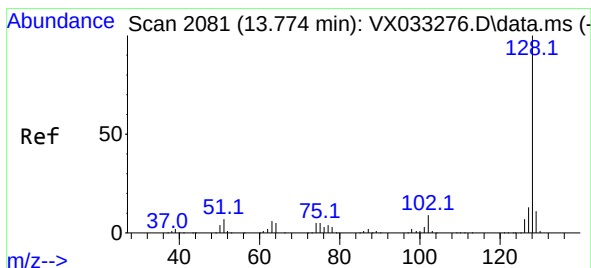
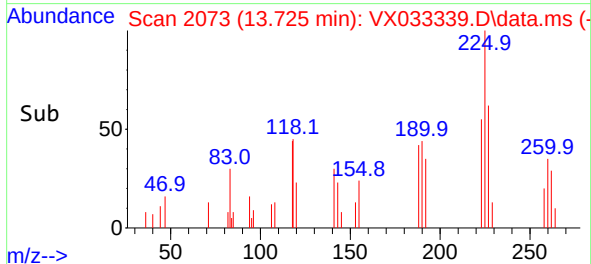
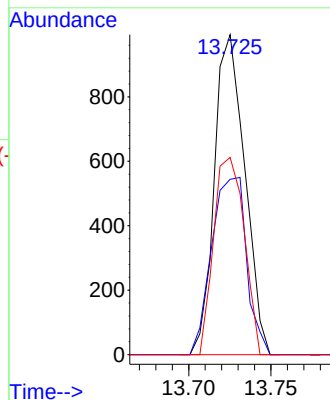
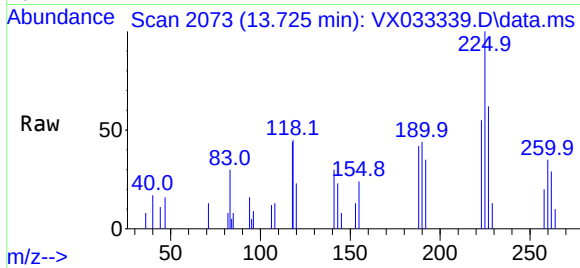




#94
Hexachlorobutadiene
Concen: 1.578 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

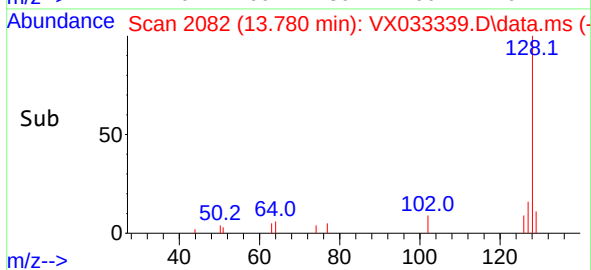
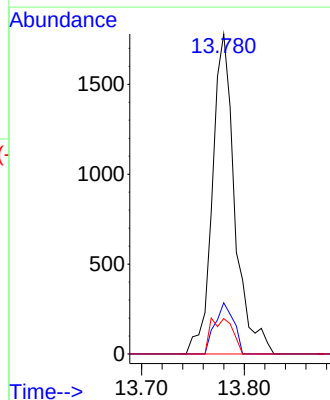
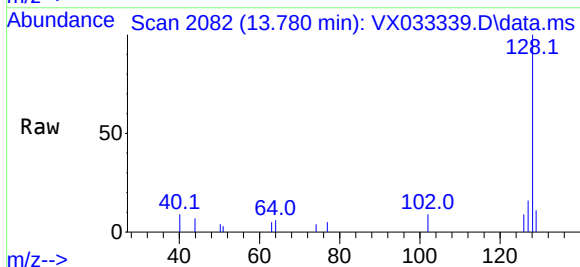
Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

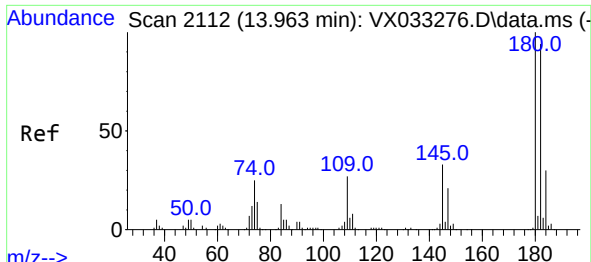
Tgt Ion:	225	Resp:	1277
Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.9
227	61.7	31.9	95.5



#95
Naphthalene
Concen: 0.400 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Tgt Ion:	128	Resp:	2695
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	10.9	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 0.407 ug/l
RT: 13.963 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033339.D
Acq: 09 Dec 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX1209MBL01

Tgt Ion:	180	Resp:	833
Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	38.7	16.9	50.6

