

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033487.D
 Acq On : 19 Dec 2022 16:17
 Operator : JC/MD
 Sample : PB149722ZHE#16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 05:01:41 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

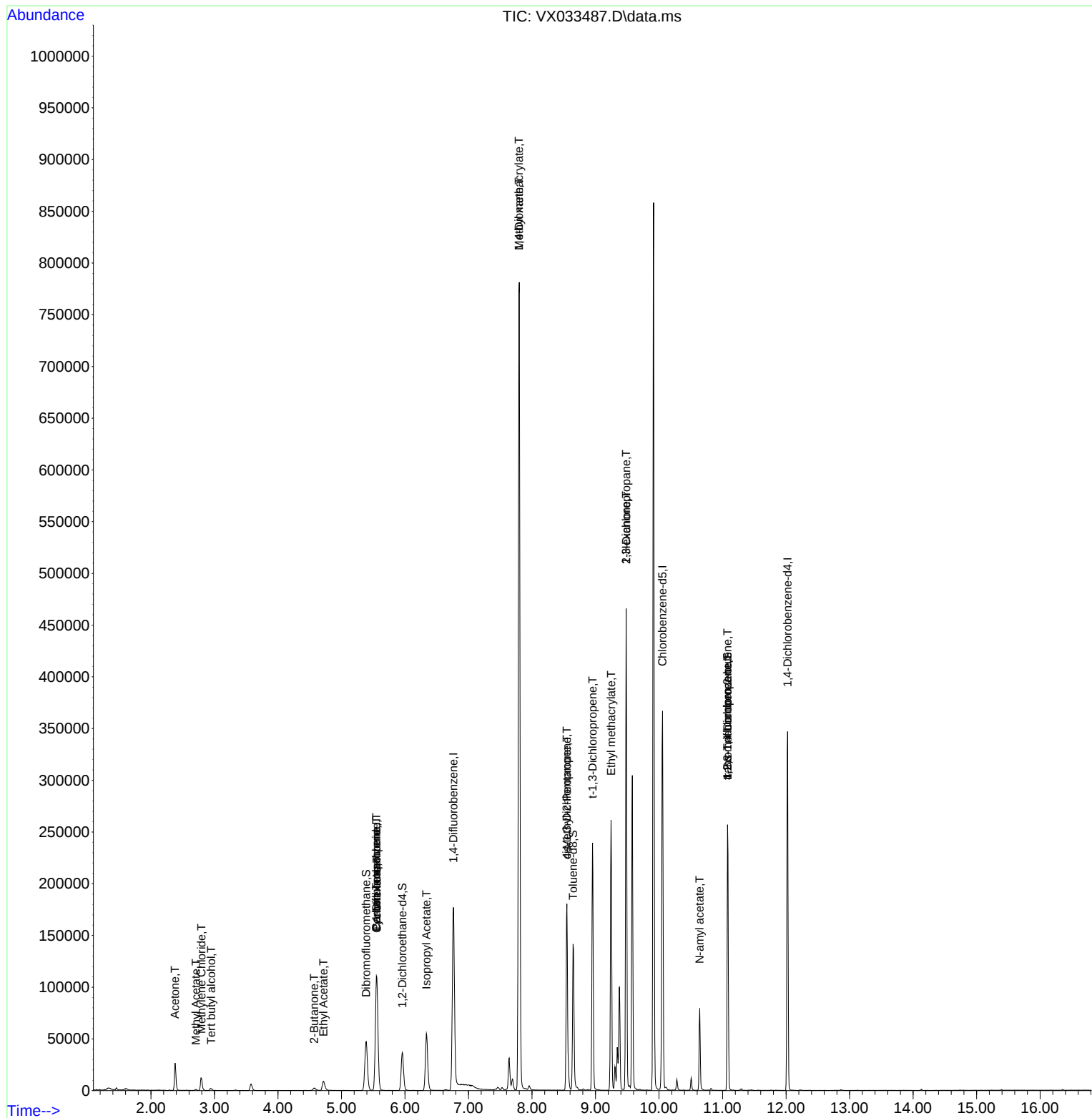
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	107749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37675	54.503	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.000%	
35) Dibromofluoromethane	5.385	113	41189	50.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	8.647	98	86993	51.353	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	11.079	95	66626	51.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.880%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	1587	7.509	ug/l #	72
16) Acetone	2.380	43	28634	55.980	ug/l	99
18) Methyl Acetate	2.709	43	1451	0.980	ug/l	93
20) Methylene Chloride	2.794	84	6699	5.872	ug/l	89
25) 2-Butanone	4.568	43	4265	5.809	ug/l	96
31) Cyclohexane	5.556	56	2076	1.264	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8032	5.087	ug/l #	51
37) Ethyl Acetate	4.714	43	16515	11.066	ug/l	98
38) Carbon Tetrachloride	5.550	117	10600	5.992	ug/l #	15
43) Isopropyl Acetate	6.336	43	73665	30.677	ug/l	99
48) Methyl methacrylate	7.793	41	70463	56.856	ug/l #	43
49) 1,4-Dioxane	7.793	88	119	4.211	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	65637	43.223	ug/l #	46
53) t-1,3-Dichloropropene	8.952	75	537	2.777	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28609	15.379	ug/l #	58
56) Ethyl methacrylate	9.244	69	647	0.367	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3988	1.984	ug/l #	42
59) 2-Hexanone	9.482	43	52466	46.883	ug/l #	53
74) N-amyl acetate	10.640	43	19448	10.430	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	34837	22.710	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34837	70.643	ug/l #	6

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

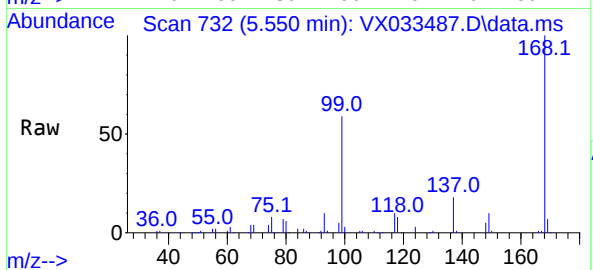
Quant Time: Dec 20 05:01:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
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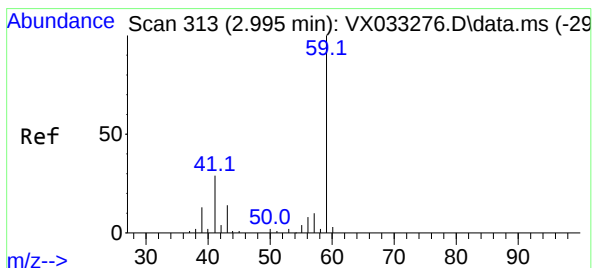
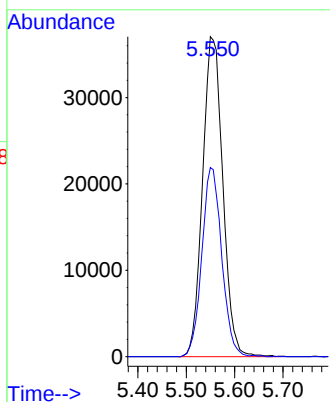


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :

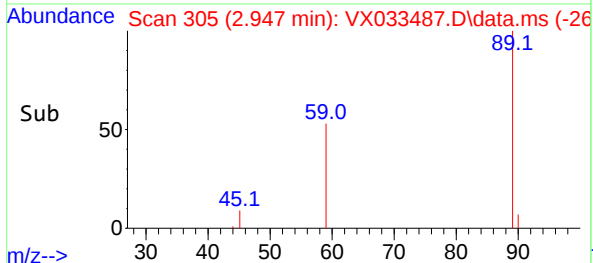
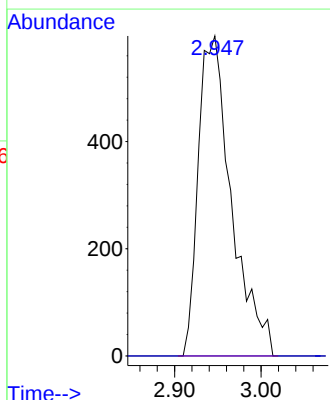
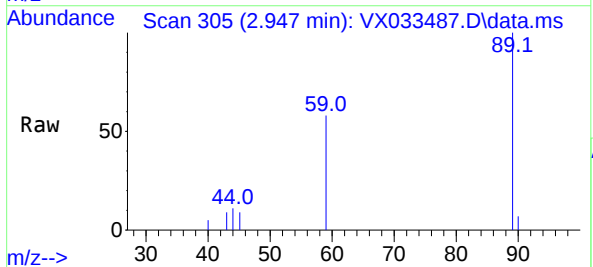


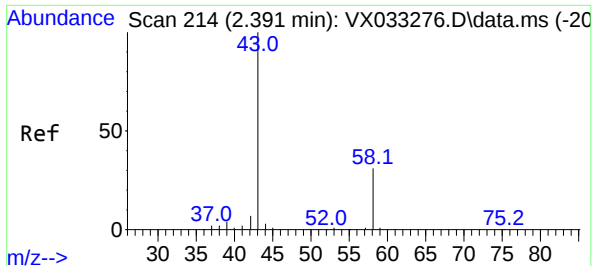
Tgt Ion:168 Resp: 107749
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 7.509 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Tgt Ion: 59 Resp: 1587
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

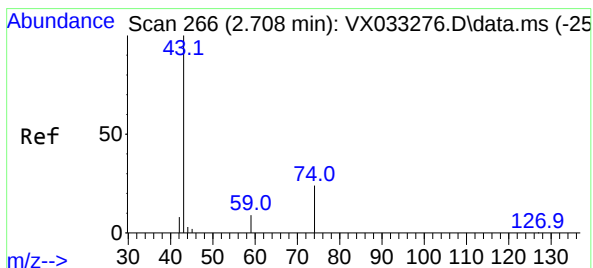
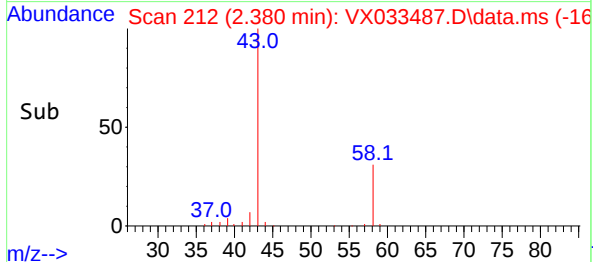
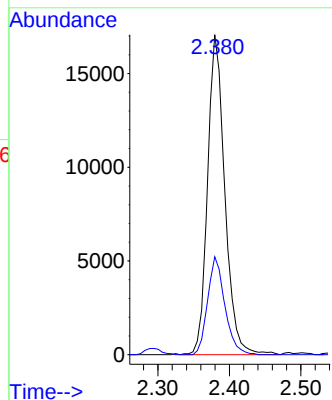
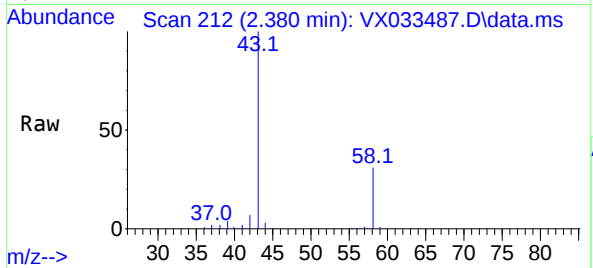




#16
Acetone
Concen: 55.980 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

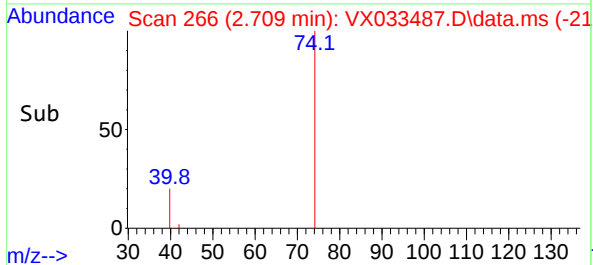
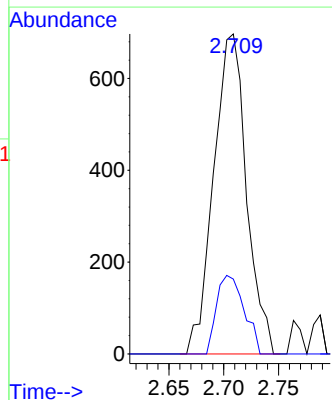
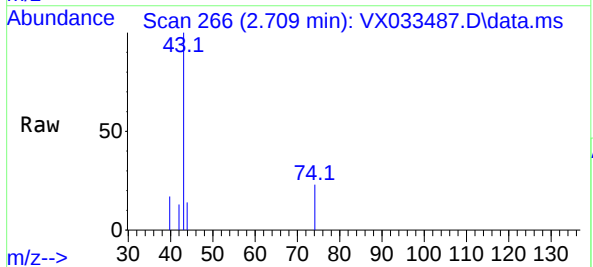
Instrument :
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ClientSampleId :

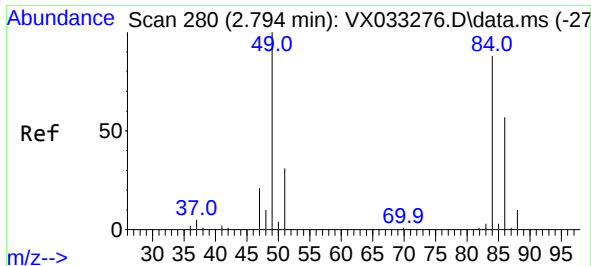
Tgt Ion: 43 Resp: 28634
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.8



#18
Methyl Acetate
Concen: 0.980 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.0





#20

Methylene Chloride

Concen: 5.872 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

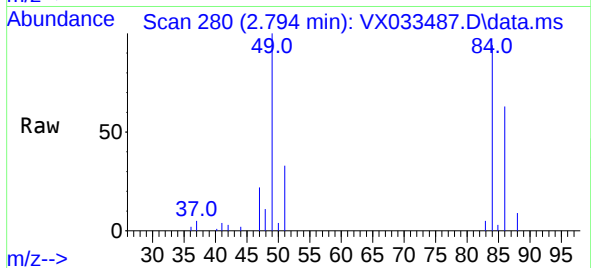
Lab File: VX033487.D

Acq: 19 Dec 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 6699

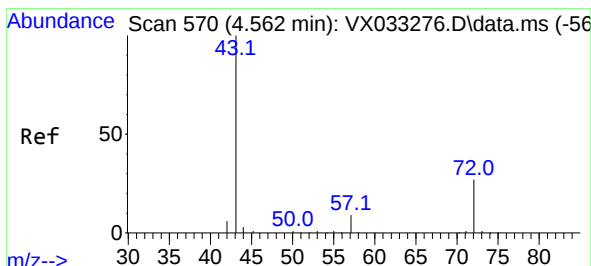
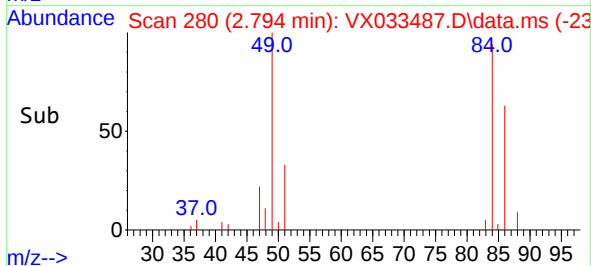
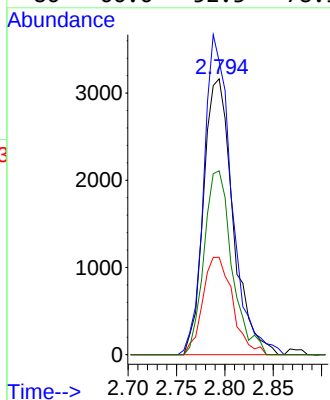
Ion Ratio Lower Upper

84 100

49 106.4 101.0 151.6

51 35.3 31.1 46.7

86 66.6 52.3 78.5



#25

2-Butanone

Concen: 5.809 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX033487.D

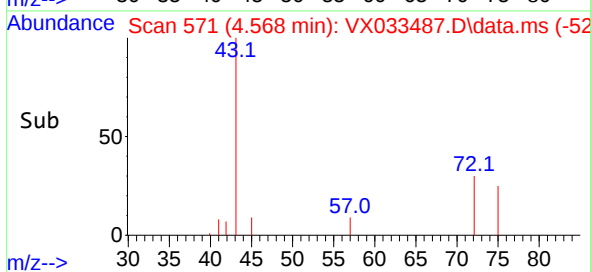
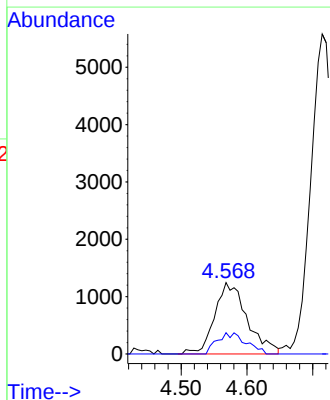
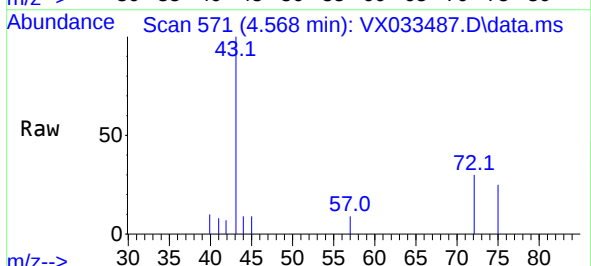
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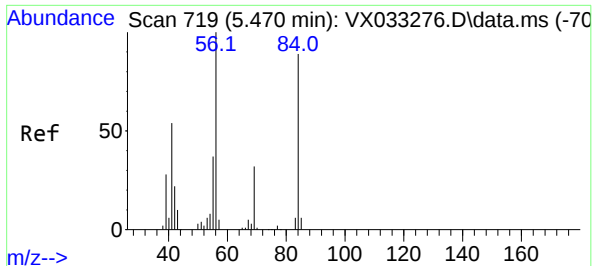
Tgt Ion: 43 Resp: 4265

Ion Ratio Lower Upper

43 100

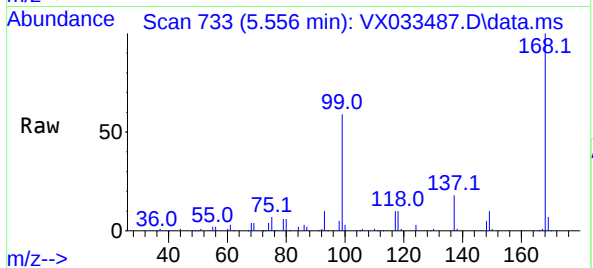
72 29.8 22.2 33.2



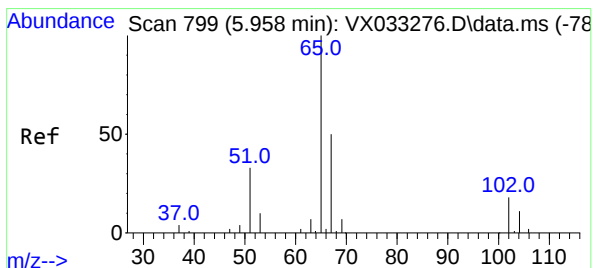
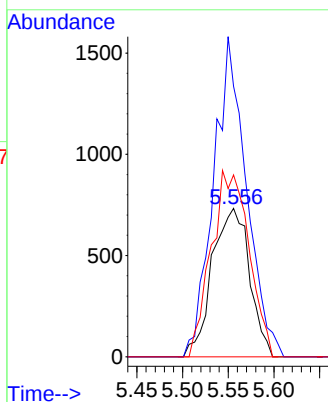
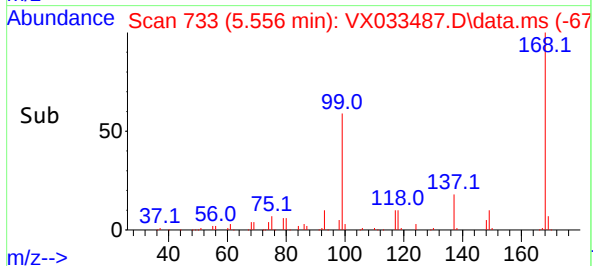


#31
Cyclohexane
Concen: 1.264 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :

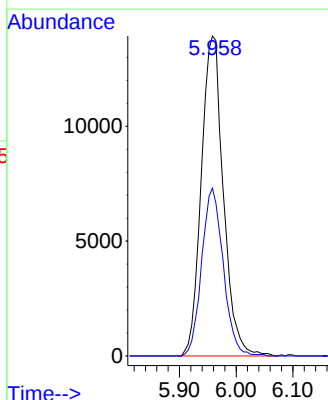
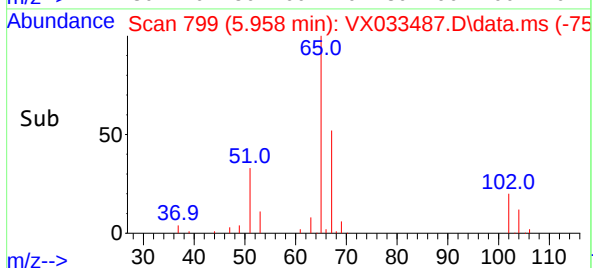
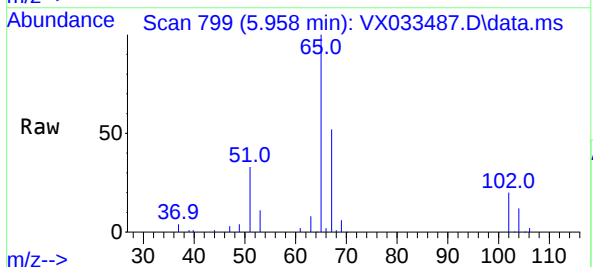


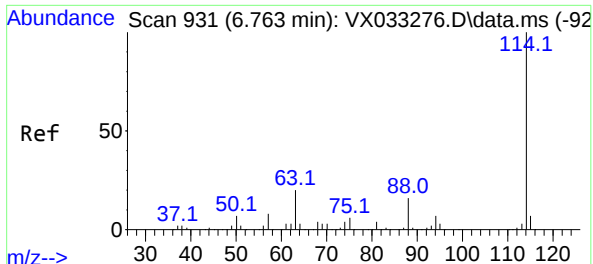
Tgt Ion: 56 Resp: 2076
Ion Ratio Lower Upper
56 100
69 182.3 24.1 36.1#
84 122.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 54.503 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

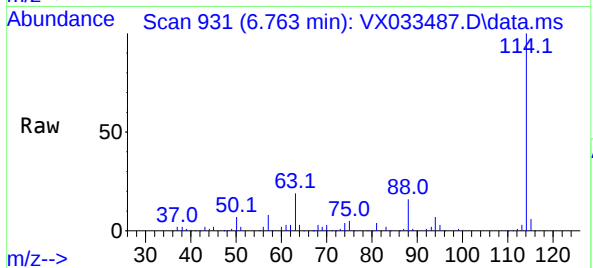
Tgt Ion: 65 Resp: 37675
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8



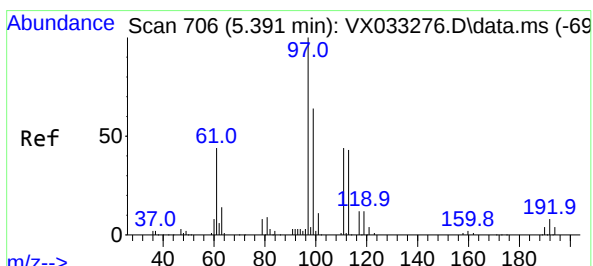
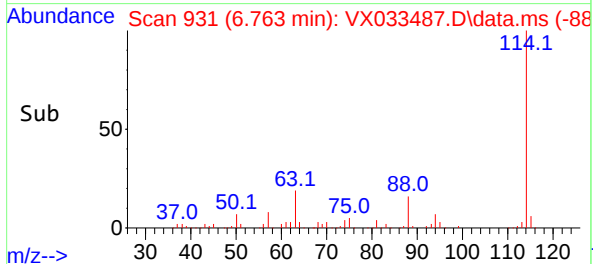
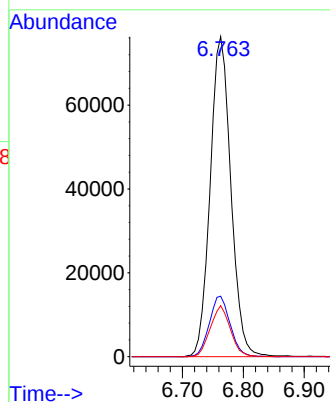


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :

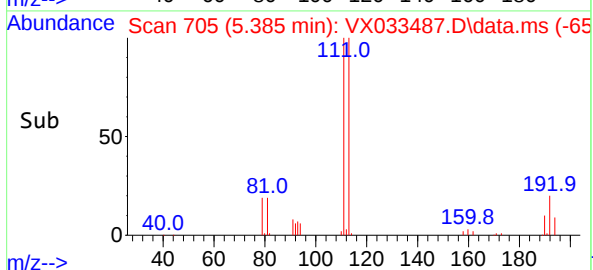
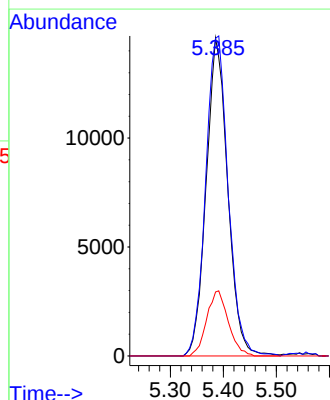
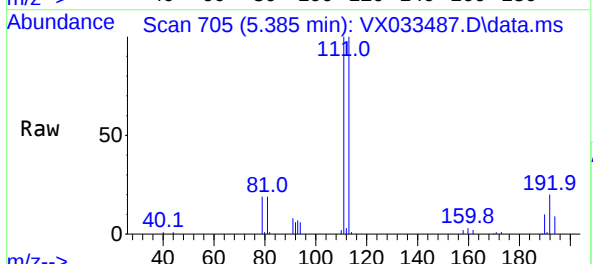


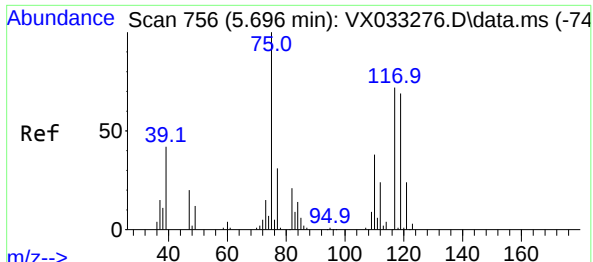
Tgt Ion:114 Resp: 180041
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.864 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

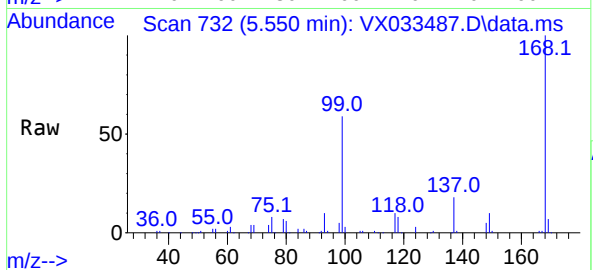
Tgt Ion:113 Resp: 41189
Ion Ratio Lower Upper
113 100
111 105.2 82.4 123.6
192 20.5 15.4 23.2



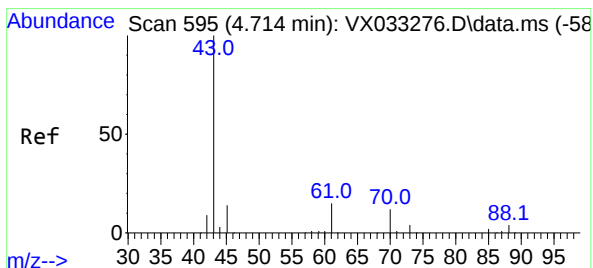
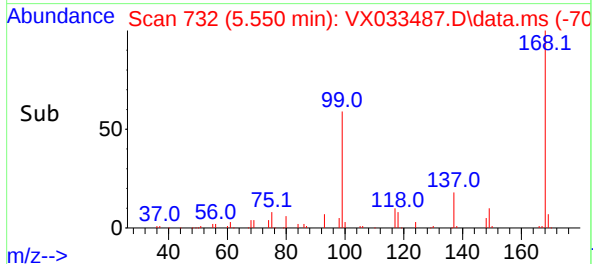
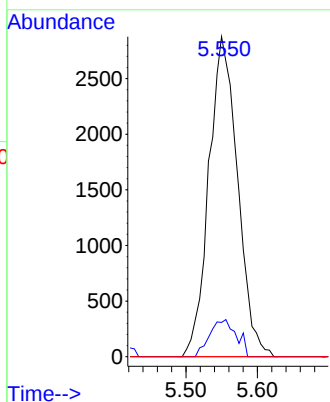


#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :

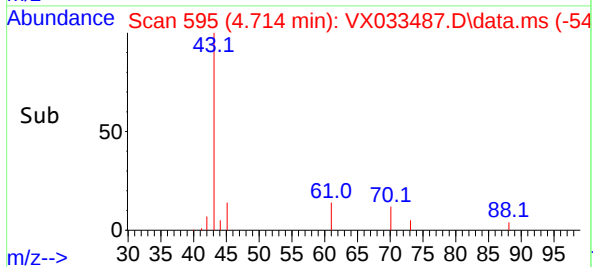
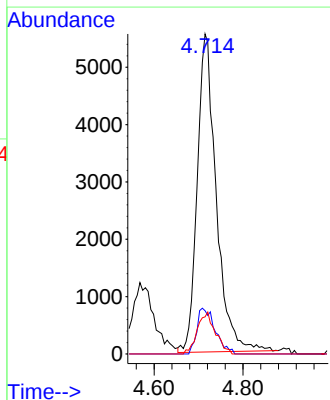
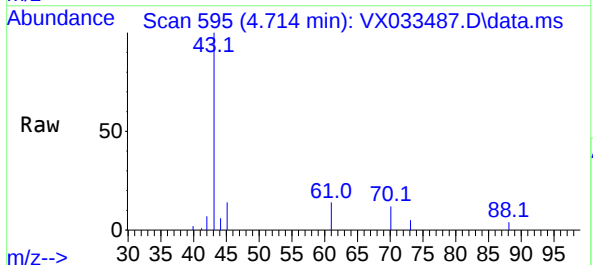


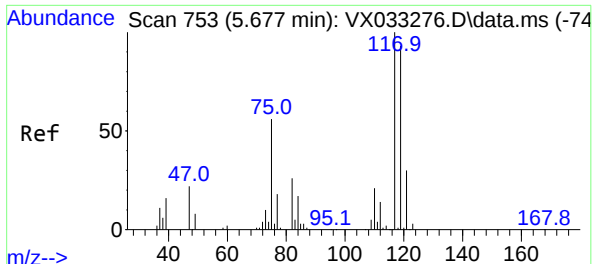
Tgt Ion: 75 Resp: 8032
Ion Ratio Lower Upper
75 100
110 10.8 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 11.066 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

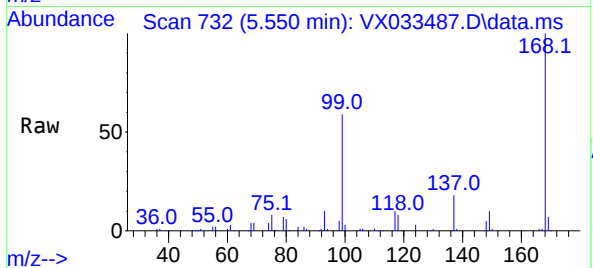
Tgt Ion: 43 Resp: 16515
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 12.5 9.1 13.7



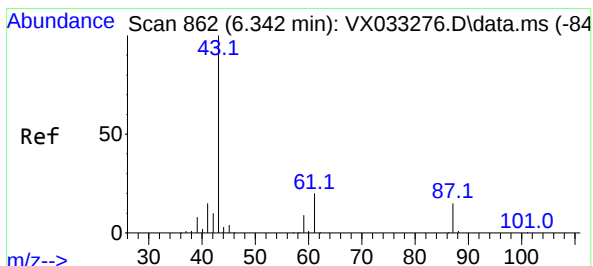
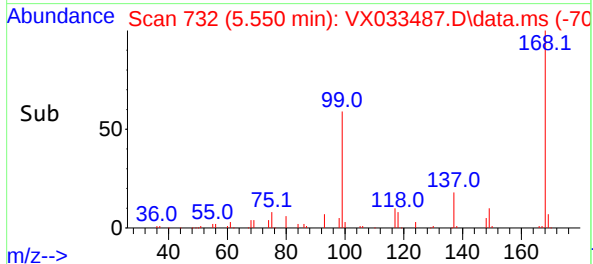
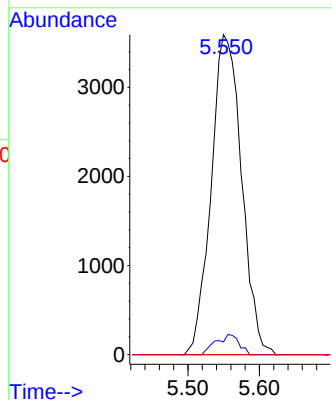


#38
Carbon Tetrachloride
Concen: 5.992 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :

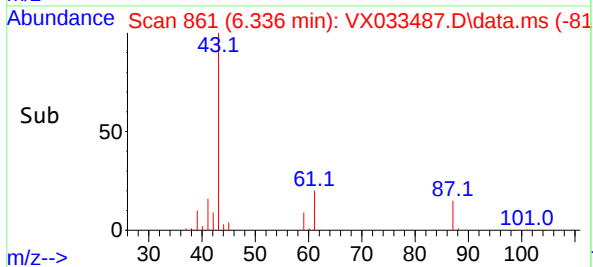
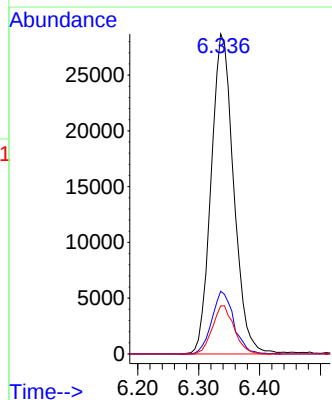
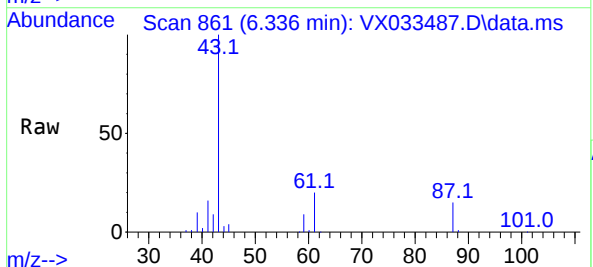


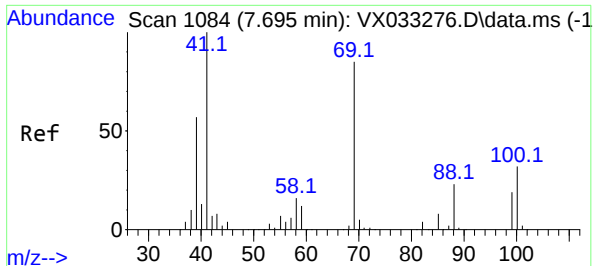
Tgt Ion:117 Resp: 10600
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 30.677 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Tgt Ion: 43 Resp: 73665
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 14.4 10.8 16.2

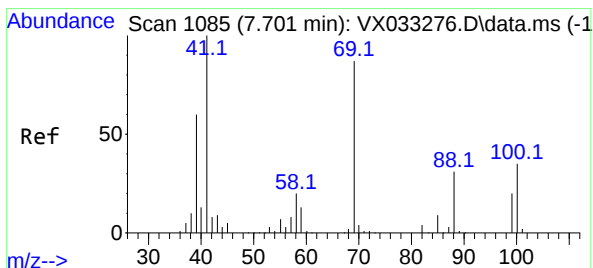
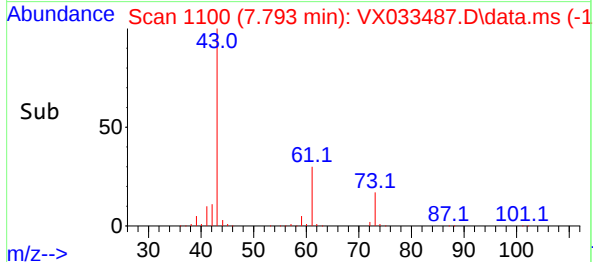
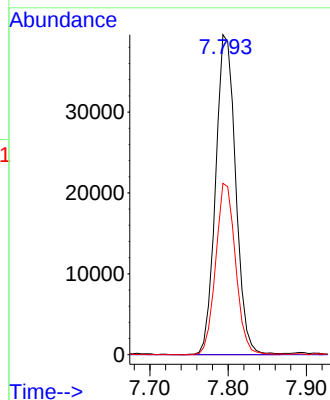
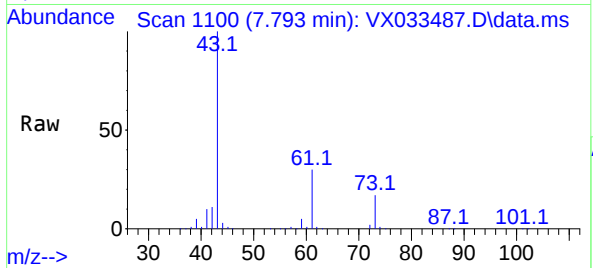




#48
Methyl methacrylate
Concen: 56.856 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.098 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

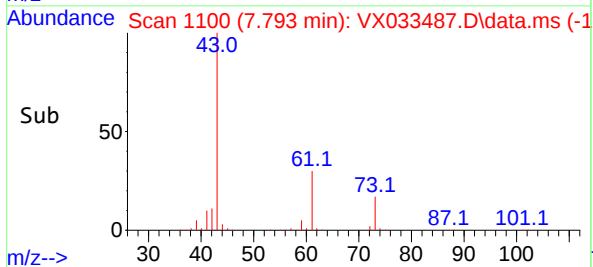
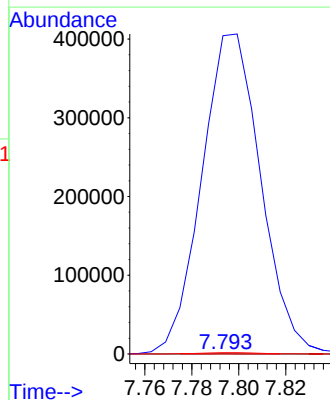
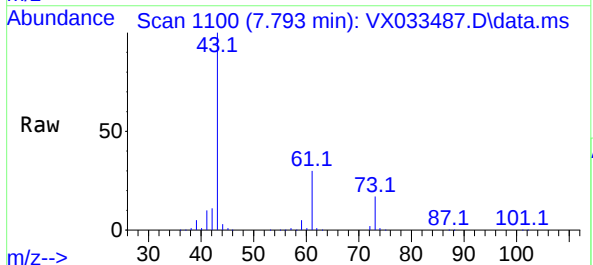
Instrument :
MSVOA_X
ClientSampleId :

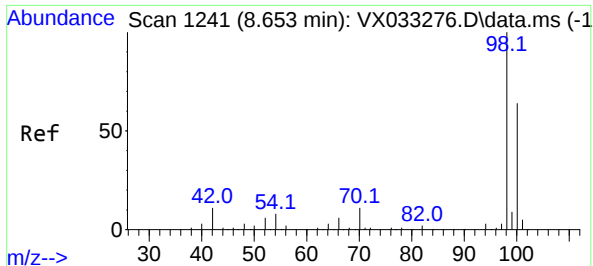
Tgt Ion: 41 Resp: 70463
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 53.1 51.9 77.9



#49
1,4-Dioxane
Concen: 4.211 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.092 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
43 601736.1 26.6 39.8#
58 2446.2 51.7 77.5#





#50

Toluene-d8

Concen: 51.353 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033487.D

Acq: 19 Dec 2022 16:17

Instrument :

MSVOA_X

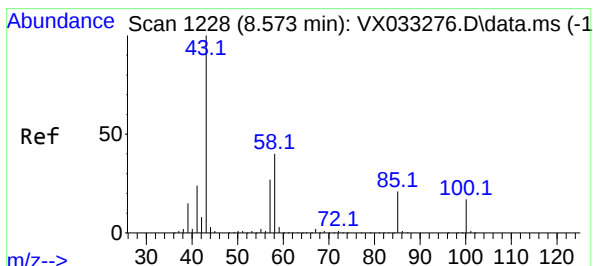
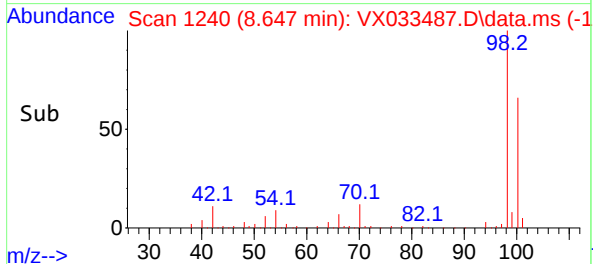
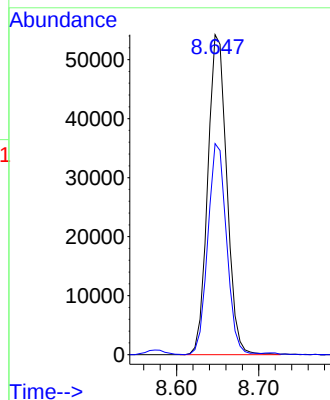
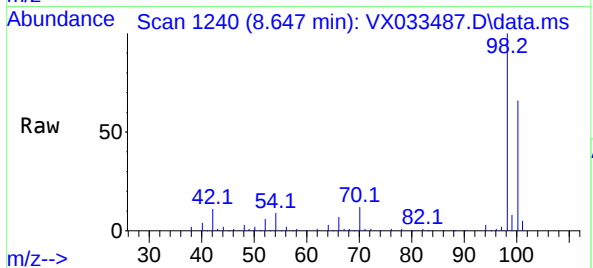
ClientSampleId :

Tgt Ion: 98 Resp: 86993

Ion Ratio Lower Upper

98 100

100 65.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 43.223 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX033487.D

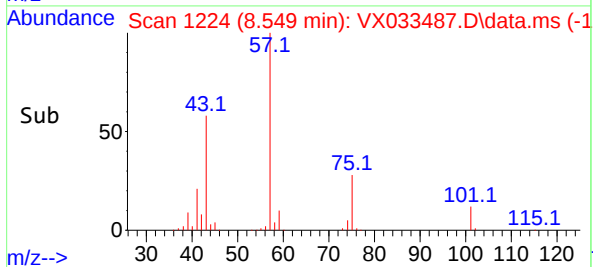
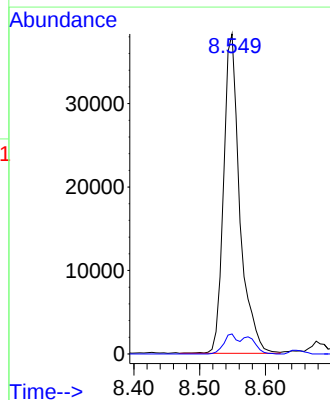
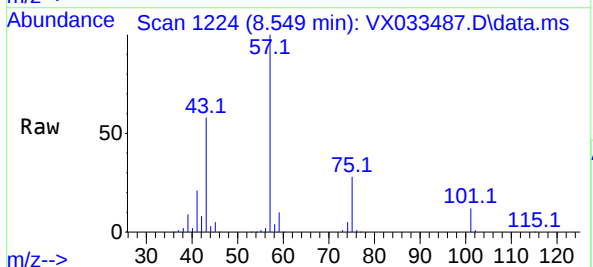
Acq: 19 Dec 2022 16:17

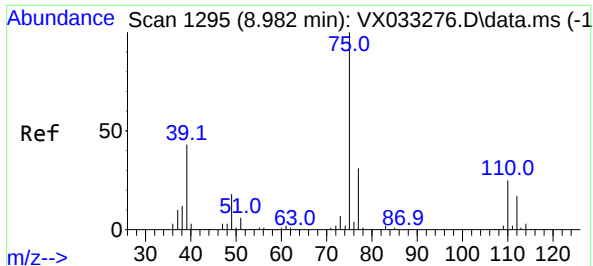
Tgt Ion: 43 Resp: 65637

Ion Ratio Lower Upper

43 100

58 5.6 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 2.777 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX033487.D

Acq: 19 Dec 2022 16:17

Instrument :

MSVOA_X

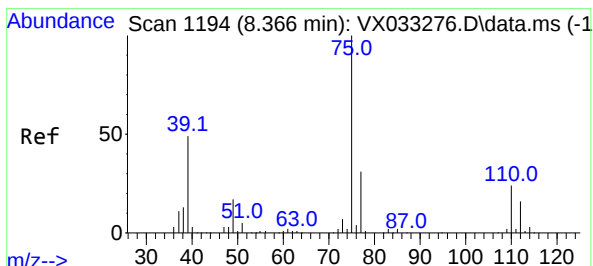
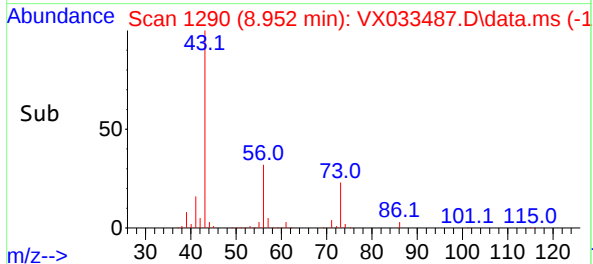
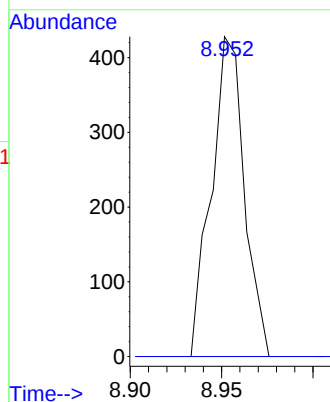
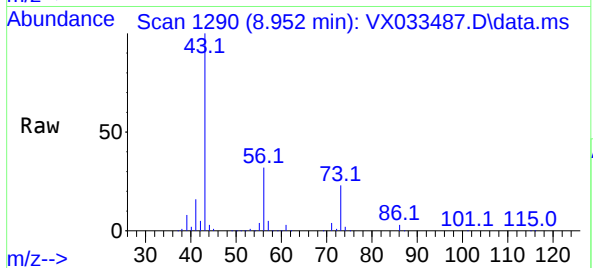
ClientSampleId :

Tgt Ion: 75 Resp: 537

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 15.379 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX033487.D

Acq: 19 Dec 2022 16:17

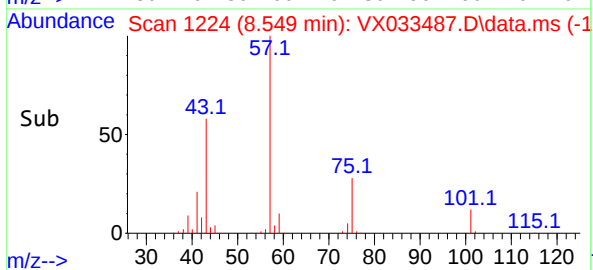
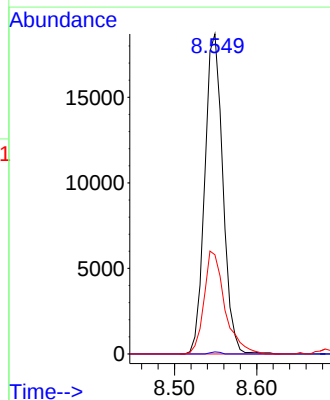
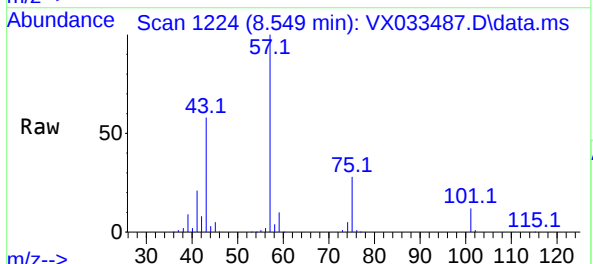
Tgt Ion: 75 Resp: 28609

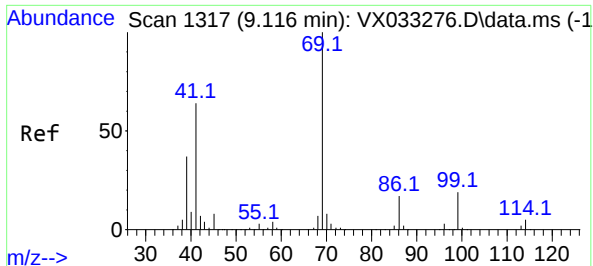
Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

39 31.0 45.5 68.3#





#56

Ethyl methacrylate

Concen: 0.367 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.128 min

Lab File: VX033487.D

Acq: 19 Dec 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

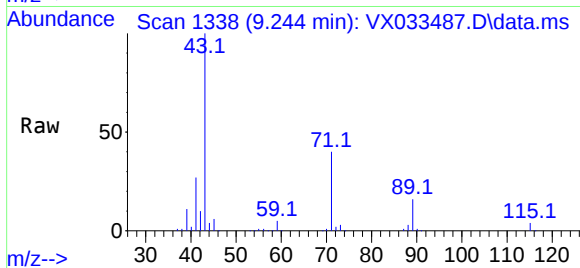
Tgt Ion: 69 Resp: 647

Ion Ratio Lower Upper

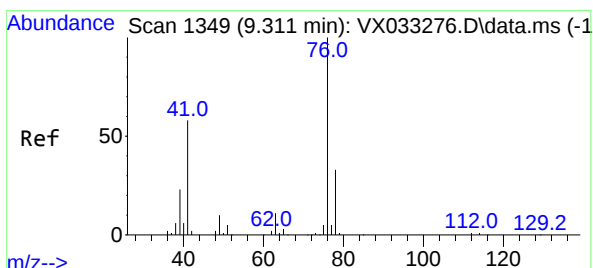
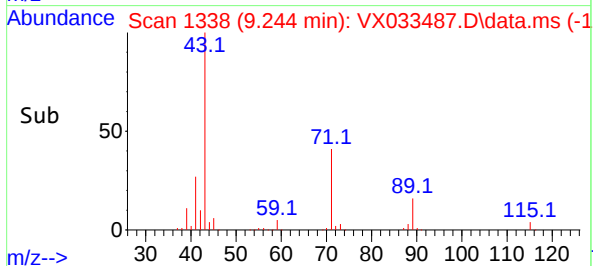
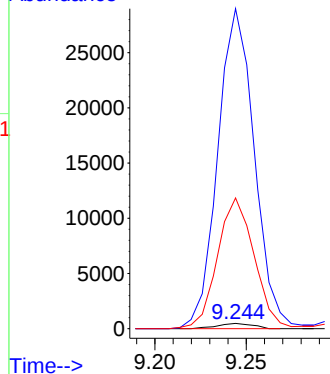
69 100

41 6259.4 54.3 81.5#

39 2568.2 35.2 52.8#



Abundance



#57

1,3-Dichloropropane

Concen: 1.984 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX033487.D

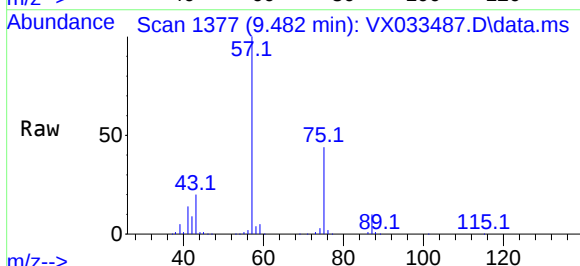
Acq: 19 Dec 2022 16:17

Tgt Ion: 76 Resp: 3988

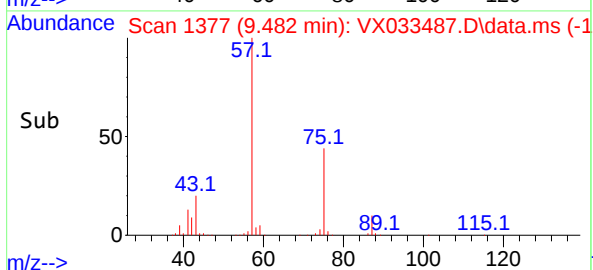
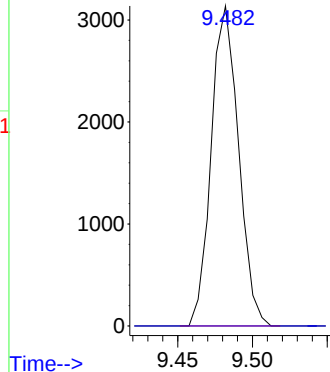
Ion Ratio Lower Upper

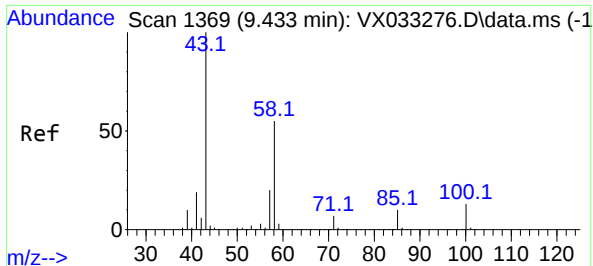
76 100

78 0.0 26.0 39.0#



Abundance





#59

2-Hexanone

Concen: 46.883 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX033487.D

Acq: 19 Dec 2022 16:17

Instrument :

MSVOA_X

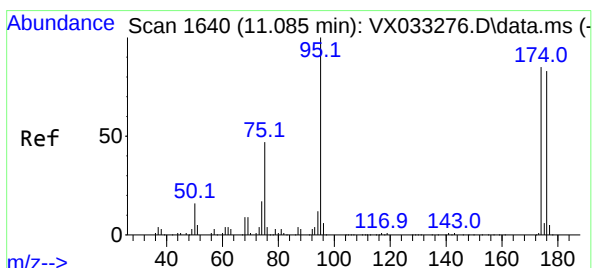
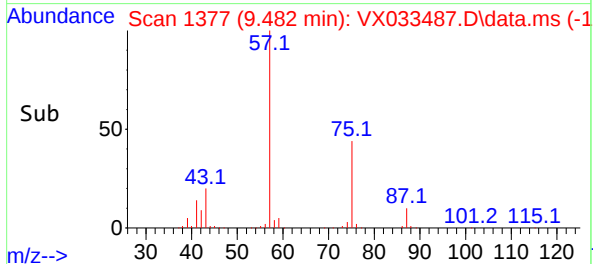
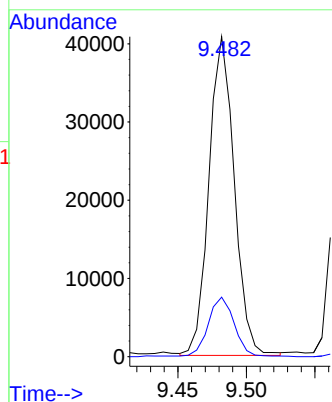
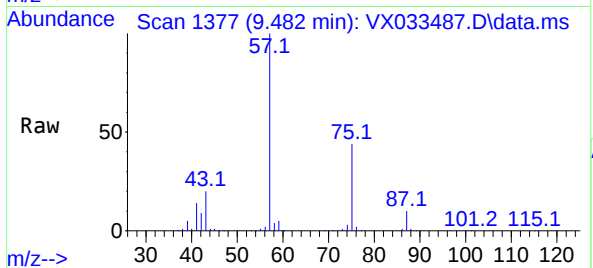
ClientSampleId :

Tgt Ion: 43 Resp: 52466

Ion Ratio Lower Upper

43 100

58 19.3 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 51.437 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033487.D

Acq: 19 Dec 2022 16:17

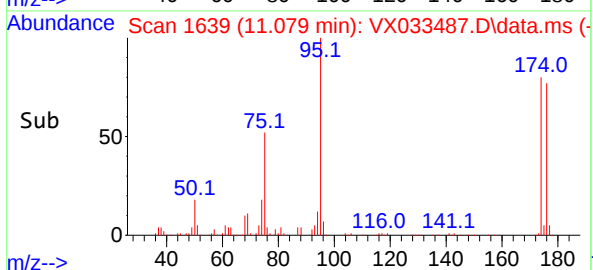
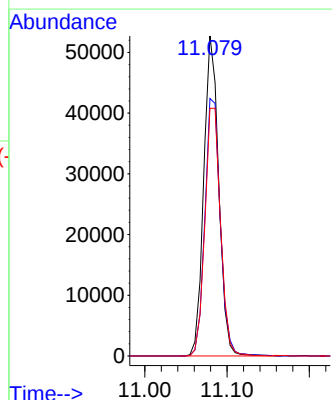
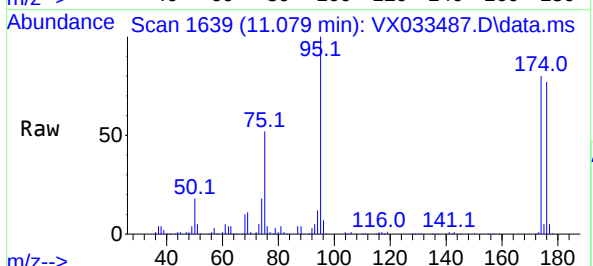
Tgt Ion: 95 Resp: 66626

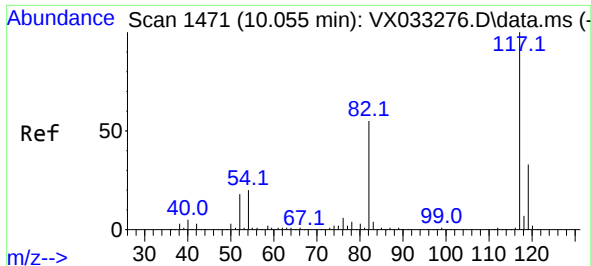
Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

176 81.2 0.0 154.4

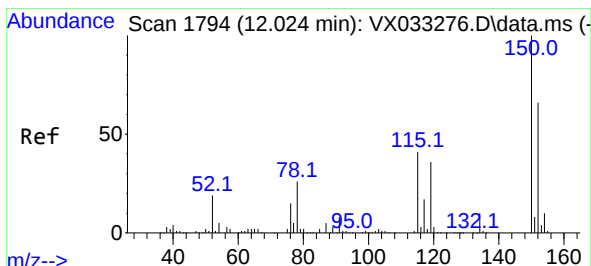
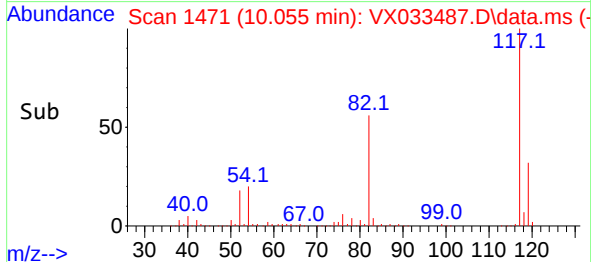
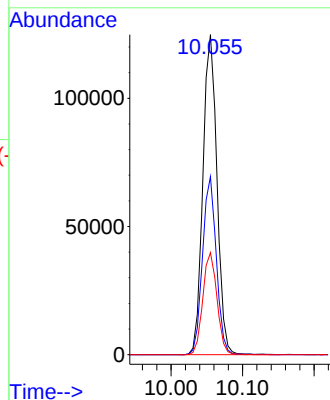
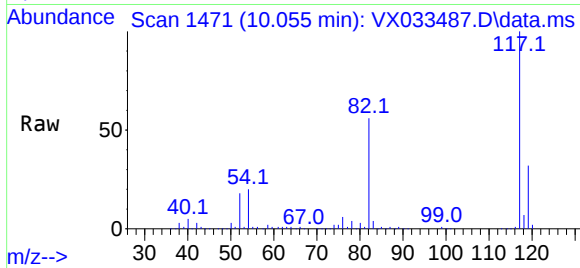




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

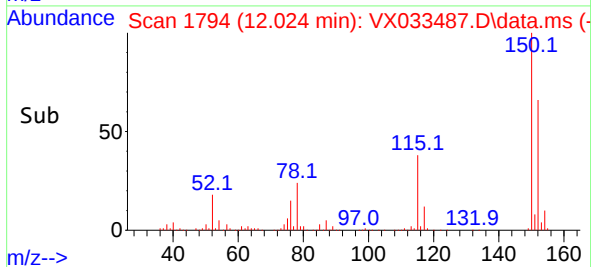
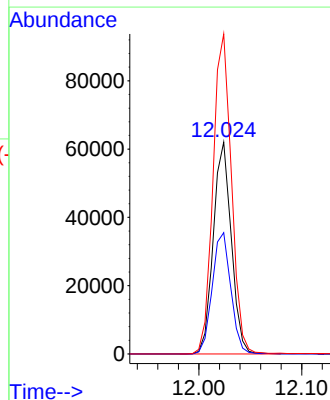
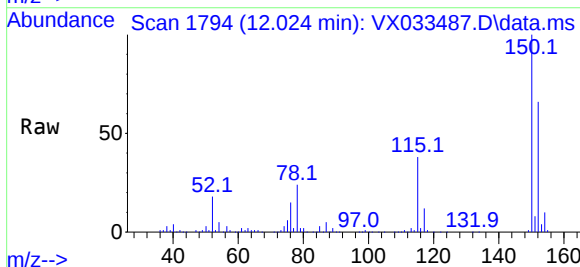
Instrument :
MSVOA_X
ClientSampleId :

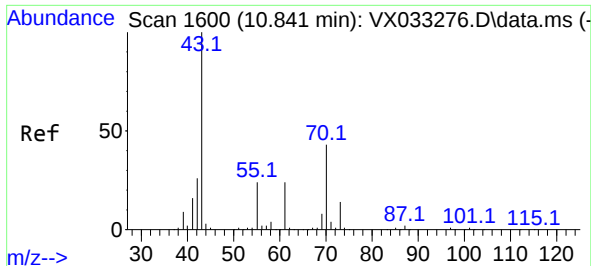
Tgt Ion:117 Resp: 170591
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

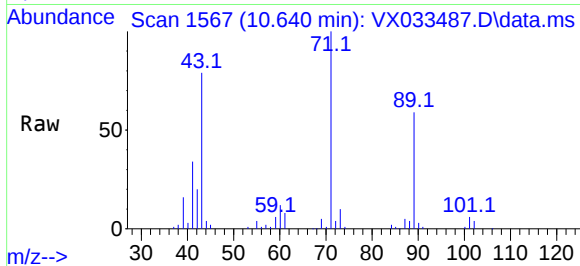
Tgt Ion:152 Resp: 75399
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 154.3 0.0 351.8



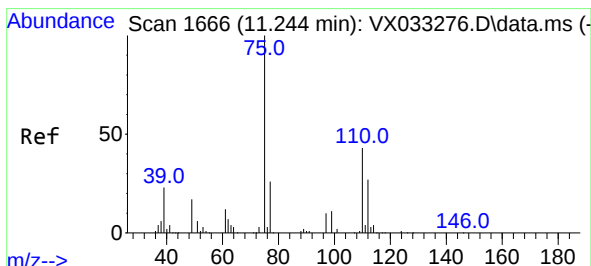
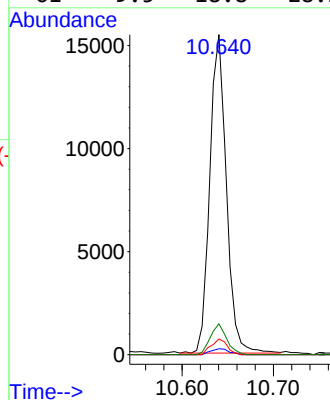
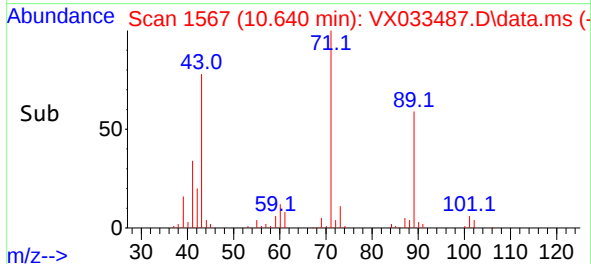


#74
N-amy1 acetate
Concen: 10.430 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :

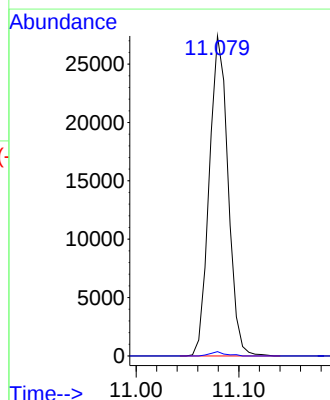
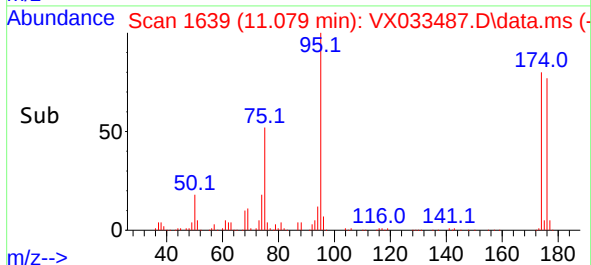
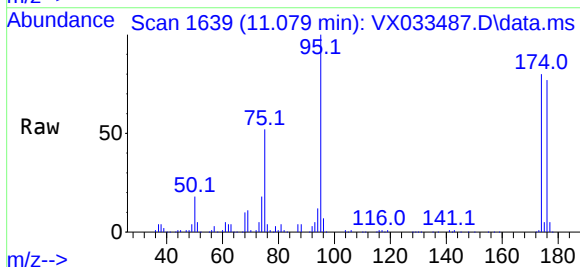


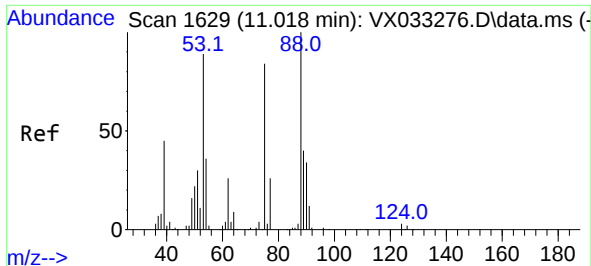
Tgt Ion:	43	Resp:	19448
Ion	Ratio	Lower	Upper
43	100		
70	2.0	33.6	50.4#
55	4.7	19.4	29.2#
61	9.5	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 22.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

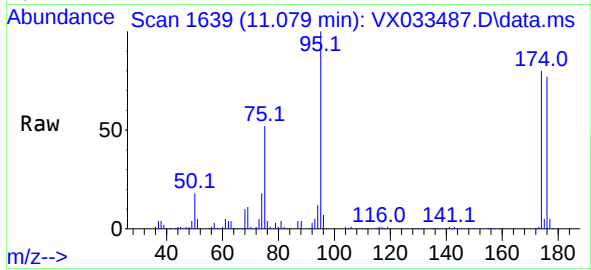
Tgt Ion:	75	Resp:	34837
Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.0	60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.643 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033487.D
Acq: 19 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 34837
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

