

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032274.D
 Acq On : 20 Oct 2022 19:33
 Operator : JC/MD
 Sample : N5186-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TEXAS-SP-1019

Quant Time: Oct 21 02:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

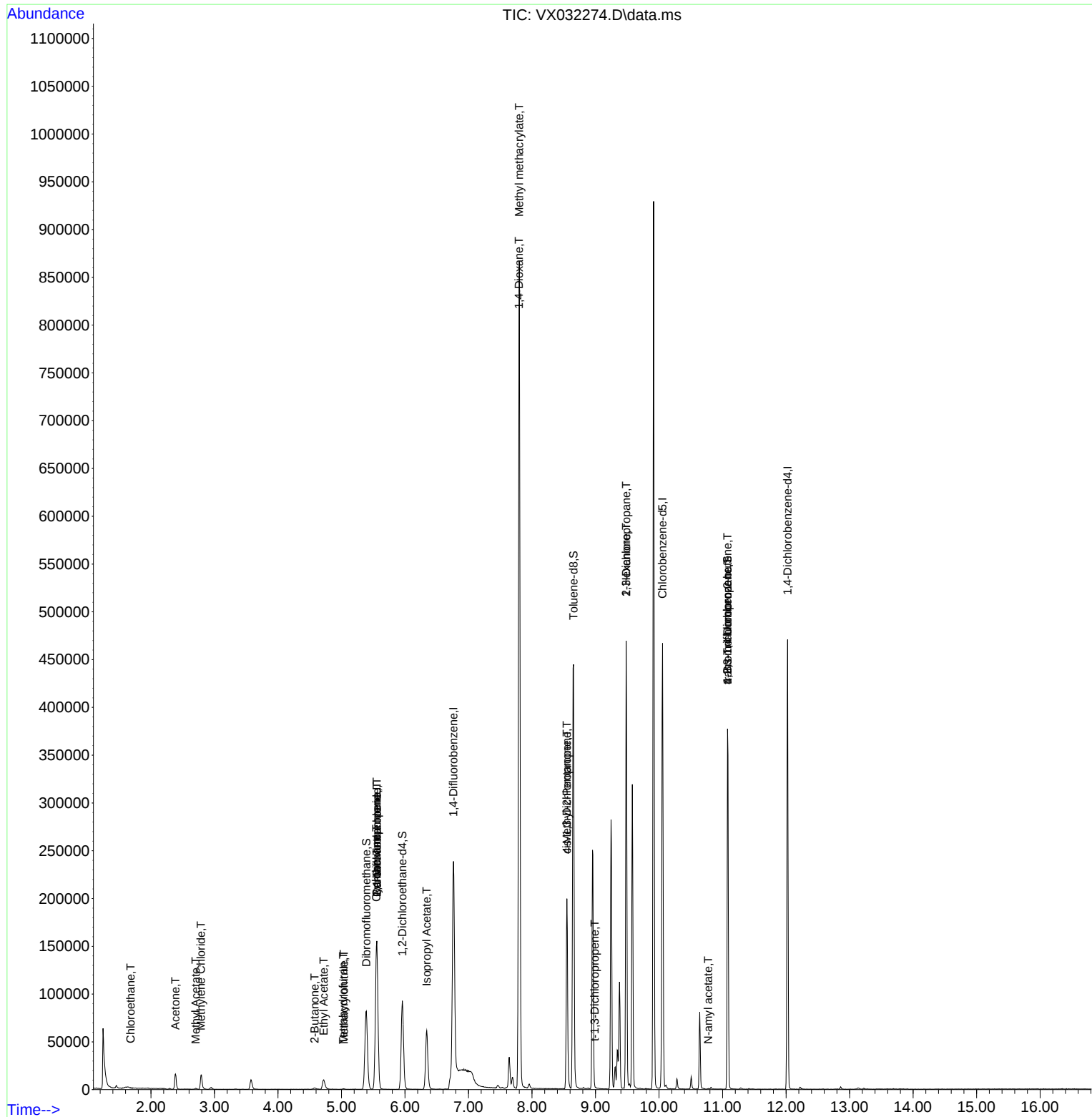
Internal Standards						
1) Pentafluorobenzene	5.556	168	142210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91554	49.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.980%		
35) Dibromofluoromethane	5.391	113	70229	45.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.760%		
50) Toluene-d8	8.653	98	267523	48.024	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.040%		
62) 4-Bromofluorobenzene	11.079	95	94947	46.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.245	50	2068	Below Cal	#	44
6) Chloroethane	1.678	64	152	2.057	ug/l #	41
11) Tert butyl alcohol	2.946	59	1334	Below Cal	#	74
16) Acetone	2.385	43	18993	31.636	ug/l	95
18) Methyl Acetate	2.702	43	1471	0.722	ug/l #	80
20) Methylene Chloride	2.788	84	7630	4.950	ug/l	96
25) 2-Butanone	4.574	43	2351	2.508	ug/l	90
29) Tetrahydrofuran	5.025	42	555	0.917	ug/l #	64
31) Cyclohexane	5.550	56	3195	1.511	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	11415	5.734	ug/l #	50
37) Ethyl Acetate	4.720	43	18149	9.312	ug/l	100
38) Carbon Tetrachloride	5.556	117	15000	7.138	ug/l #	16
41) Methacrylonitrile	5.037	41	274	0.267	ug/l #	36
43) Isopropyl Acetate	6.342	43	82628	27.011	ug/l	99
48) Methyl methacrylate	7.799	41	78284	51.312	ug/l #	42
49) 1,4-Dioxane	7.793	88	59	1.927	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	69571	36.280	ug/l #	48
53) t-1,3-Dichloropropene	8.988	75	27	1.830	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	29947	13.402	ug/l #	64
57) 1,3-Dichloropropane	9.482	76	4006	1.629	ug/l #	42
59) 2-Hexanone	9.482	43	56045	39.169	ug/l #	51
74) N-amyl acetate	10.774	43	688	0.285	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	52679	29.022	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	52679	88.902	ug/l #	6

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

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TEXAS-SP-1019

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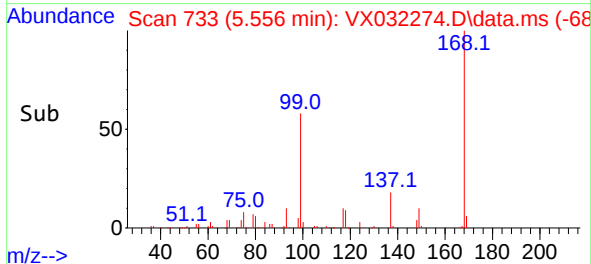
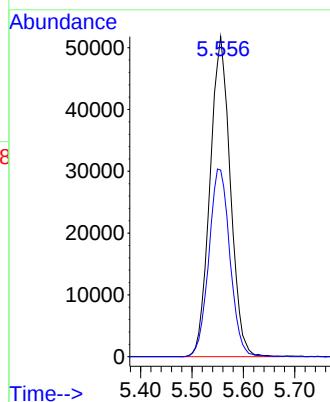
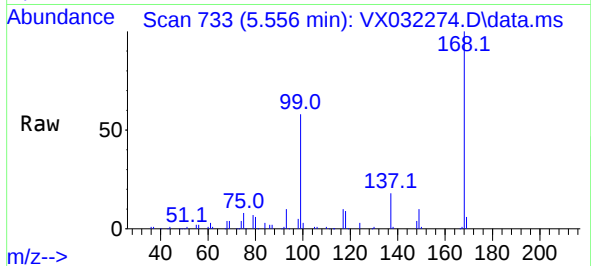




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

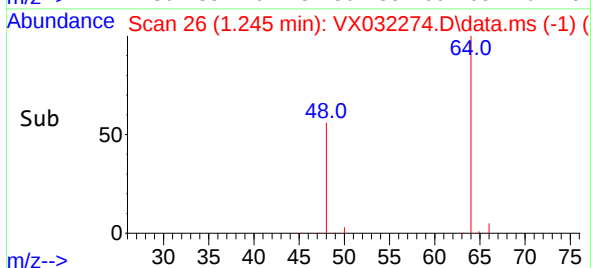
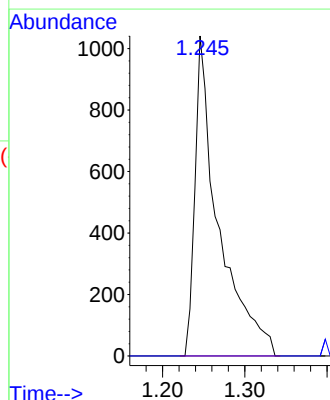
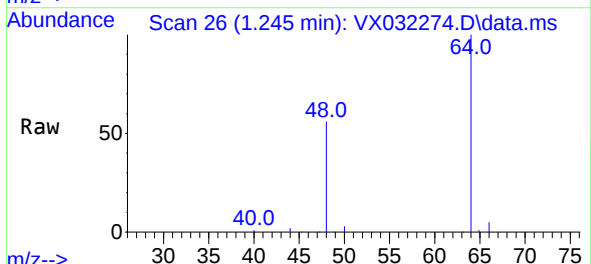
Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

Tgt Ion:168 Resp: 142210
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2

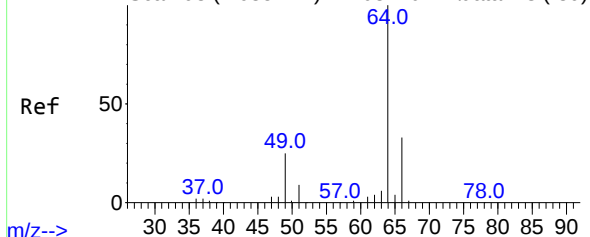


#3
Chloromethane
Concen: Below Cal
RT: 1.245 min Scan# 26
Delta R.T. -0.050 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 50 Resp: 2068
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



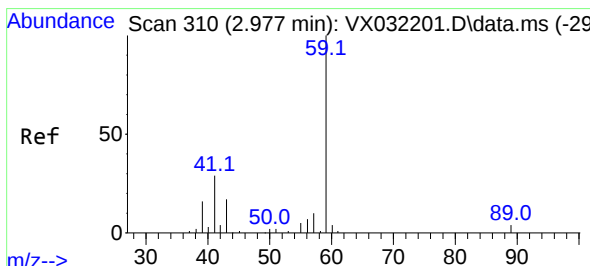
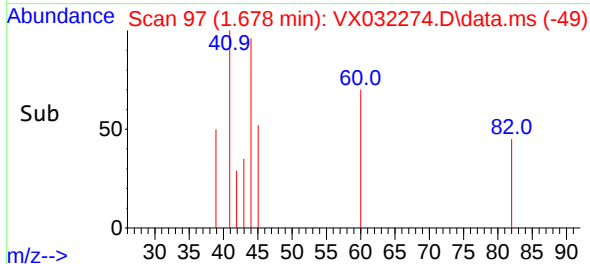
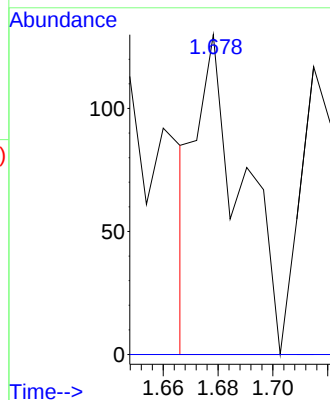
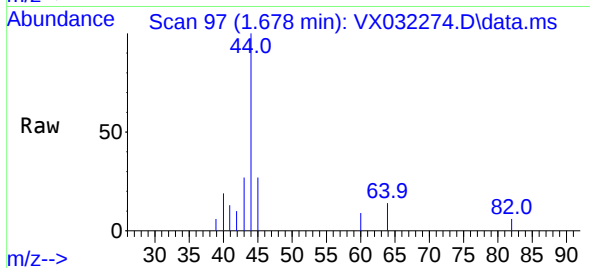
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6
Chloroethane
Concen: 2.057 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

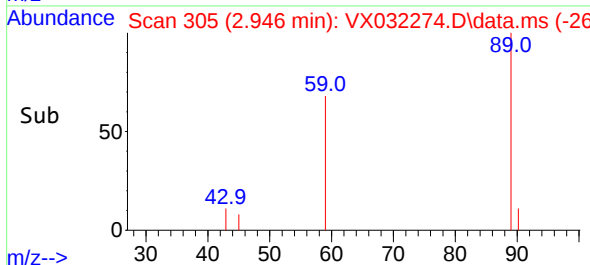
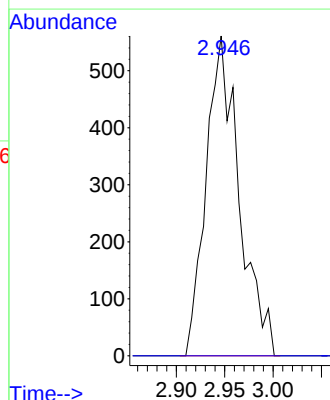
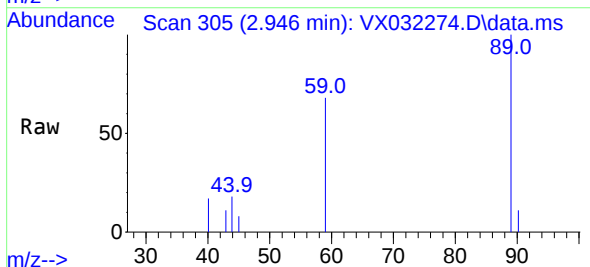
Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

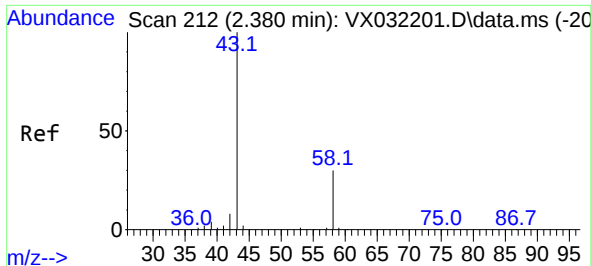
Tgt Ion: 64 Resp: 152
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 59 Resp: 1334
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

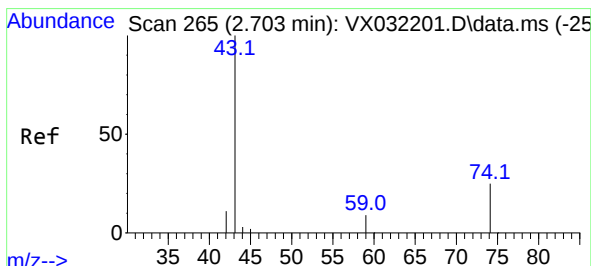
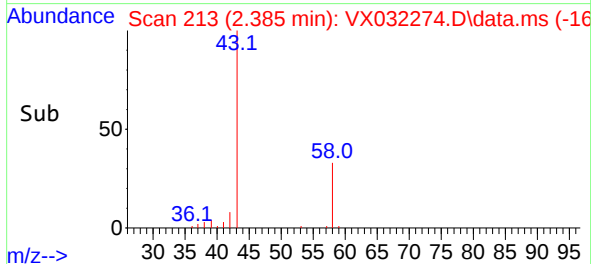
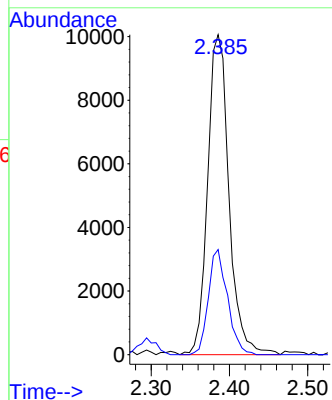
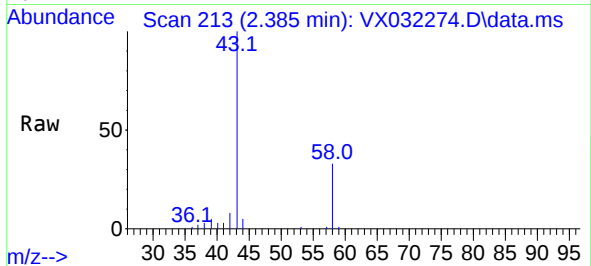




#16
Acetone
Concen: 31.636 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

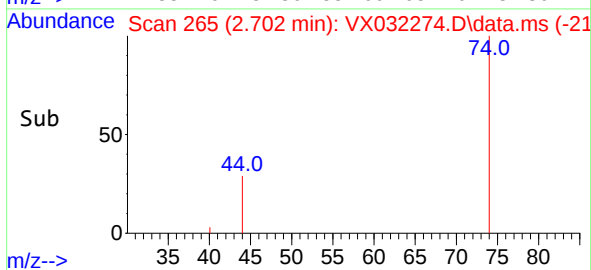
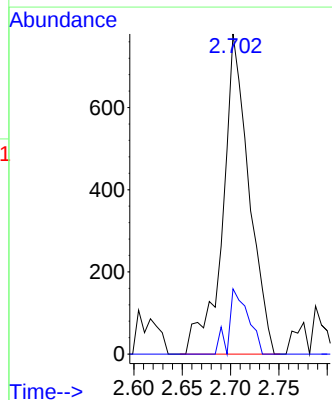
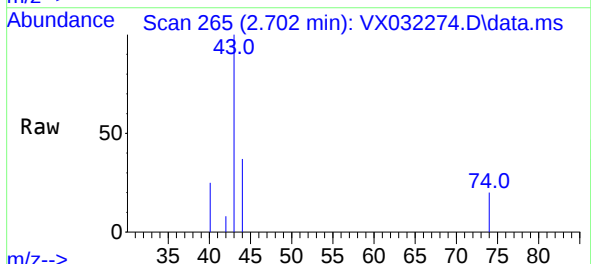
Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

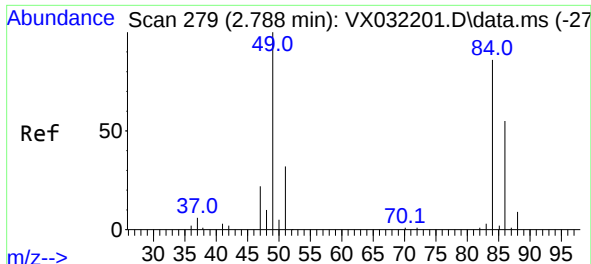
Tgt Ion: 43 Resp: 18993
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.2



#18
Methyl Acetate
Concen: 0.722 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

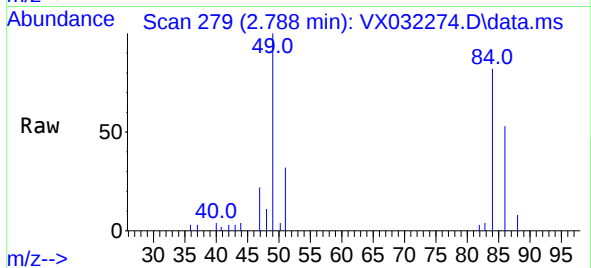
Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
74 15.0 19.8 29.8#





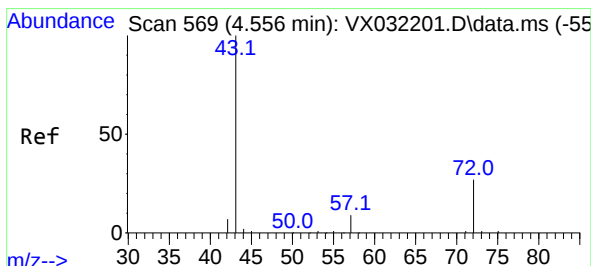
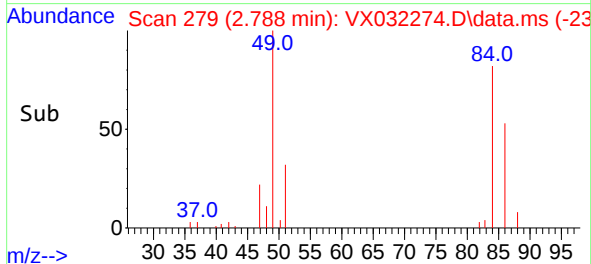
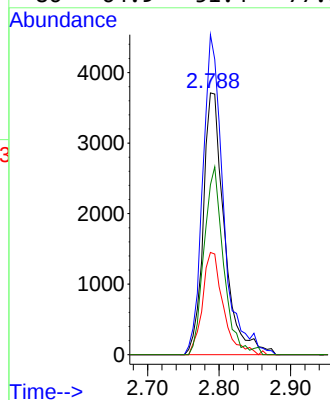
#20
Methylene Chloride
Concen: 4.950 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019



Tgt Ion: 84 Resp: 7630

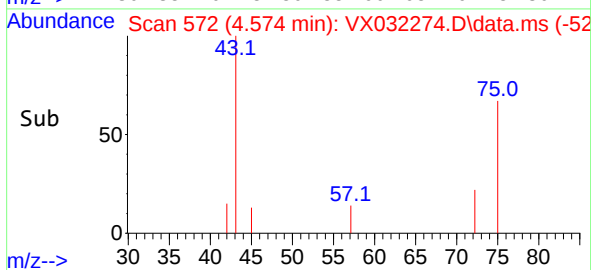
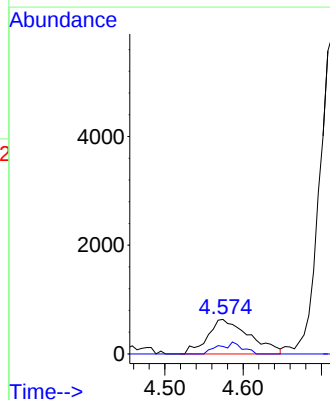
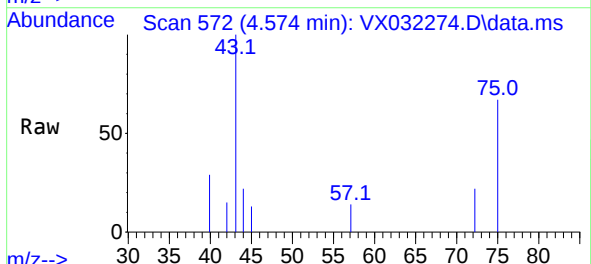
Ion	Ratio	Lower	Upper
84	100		
49	122.2	92.6	139.0
51	39.1	29.2	43.8
86	64.9	51.4	77.0

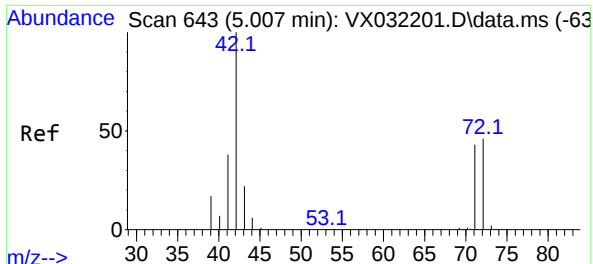


#25
2-Butanone
Concen: 2.508 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 43 Resp: 2351

Ion	Ratio	Lower	Upper
43	100		
72	21.8	21.7	32.5

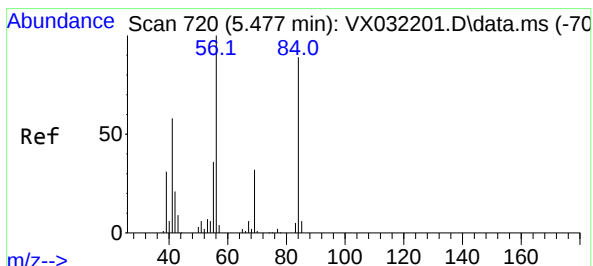
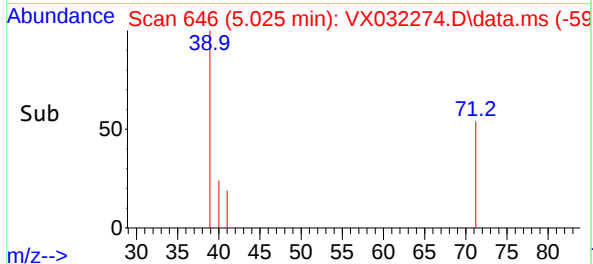
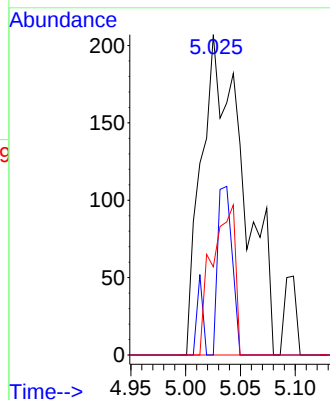
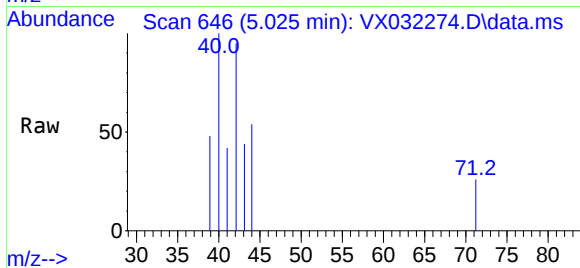




#29
Tetrahydrofuran
Concen: 0.917 ug/l
RT: 5.025 min Scan# 643
Delta R.T. 0.018 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

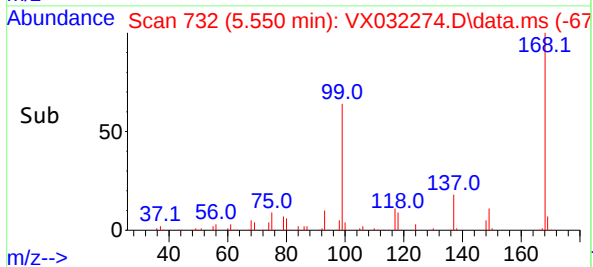
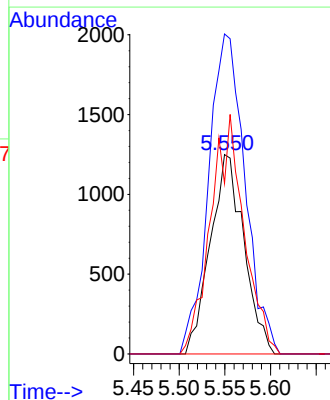
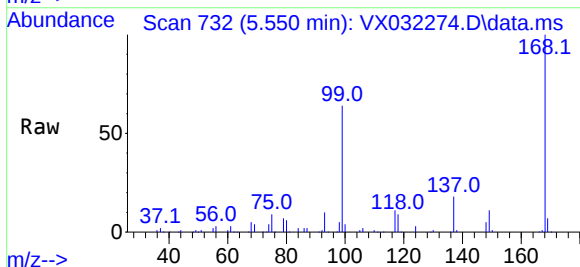
Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

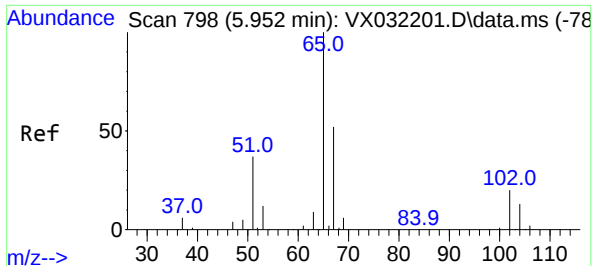
Tgt Ion:	42	Resp:	555
Ion	Ratio	Lower	Upper
42	100		
72	17.8	37.5	56.3#
71	25.6	34.7	52.1#



#31
Cyclohexane
Concen: 1.511 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion:	56	Resp:	3195
Ion	Ratio	Lower	Upper
56	100		
69	160.5	25.4	38.0#
84	85.6	71.2	106.8





#33

1,2-Dichloroethane-d4

Concen: 49.488 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032274.D

Acq: 20 Oct 2022 19:33

Instrument :

MSVOA_X

ClientSampleId :

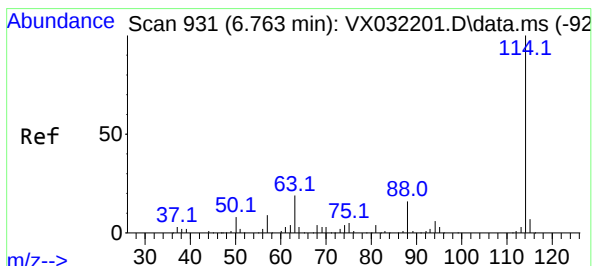
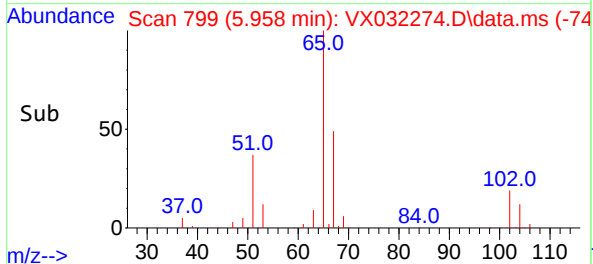
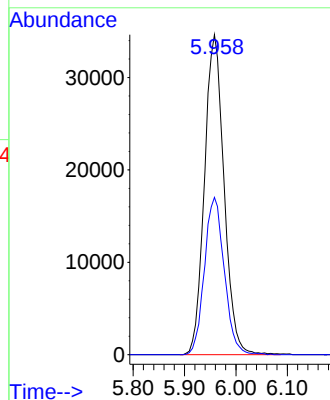
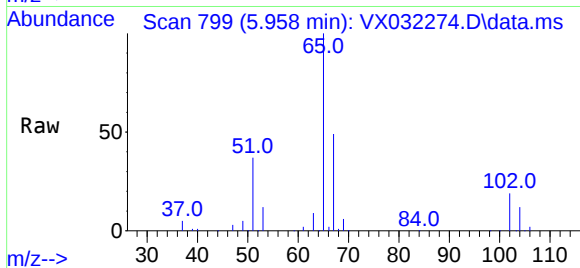
TEXAS-SP-1019

Tgt Ion: 65 Resp: 91554

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032274.D

Acq: 20 Oct 2022 19:33

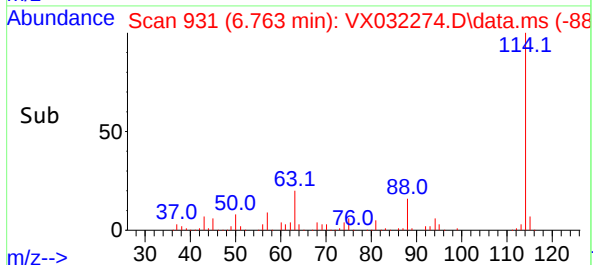
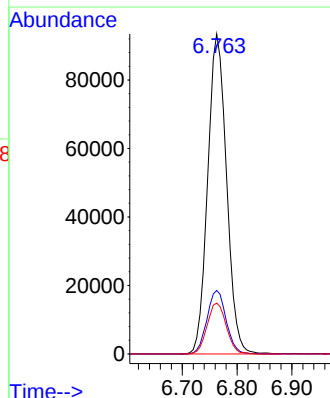
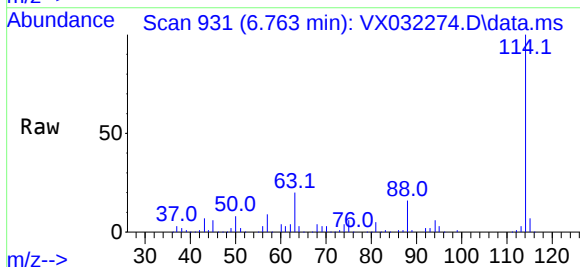
Tgt Ion: 114 Resp: 222388

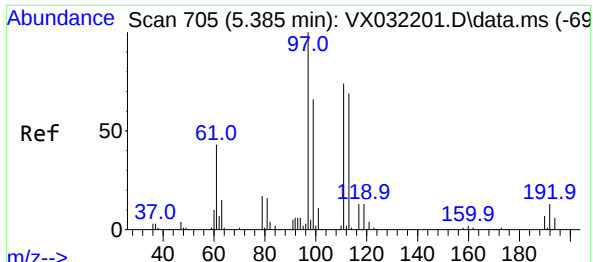
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.9 0.0 32.6

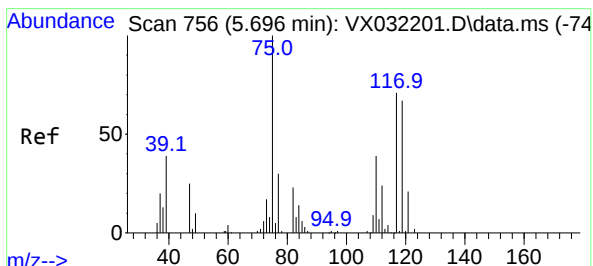
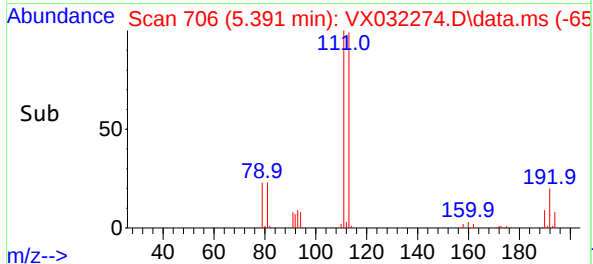
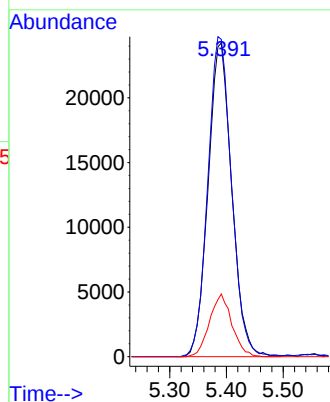
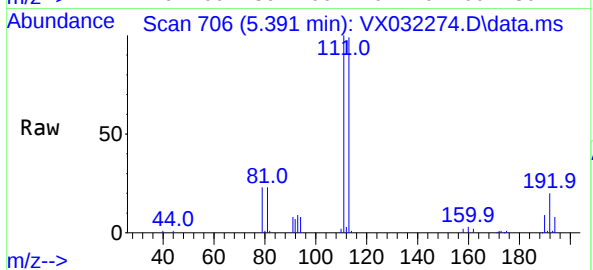




#35
Dibromofluoromethane
Concen: 45.382 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

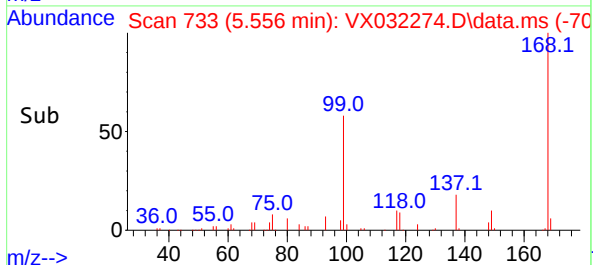
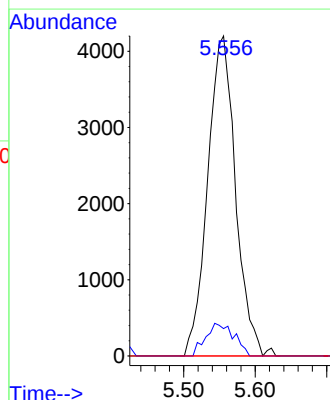
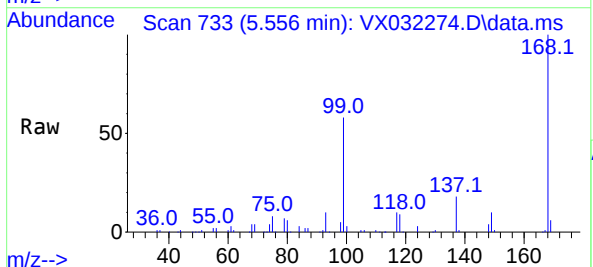
Instrument :
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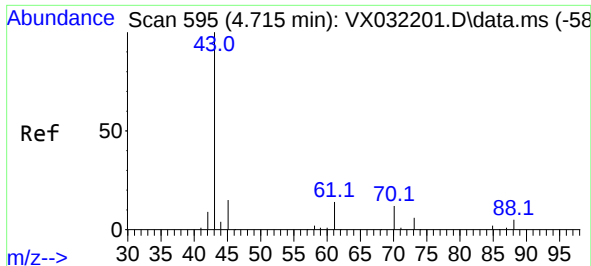
Tgt Ion:113 Resp: 70229
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.9 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.734 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 75 Resp: 11415
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.0#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 9.312 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.005 min

Lab File: VX032274.D

Acq: 20 Oct 2022 19:33

Instrument :

MSVOA_X

ClientSampleId :

TEXAS-SP-1019

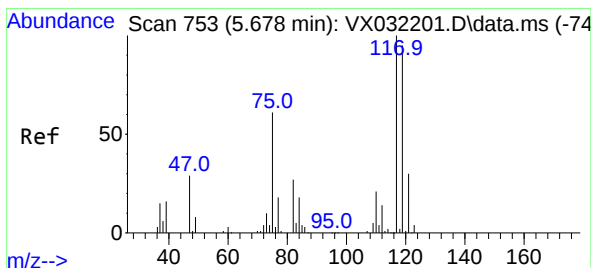
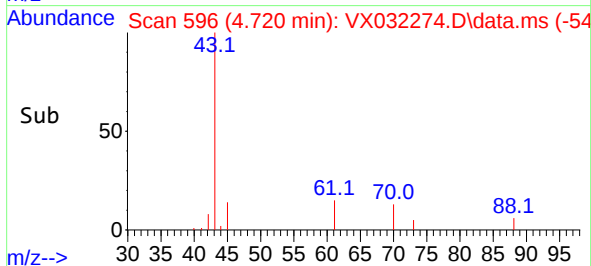
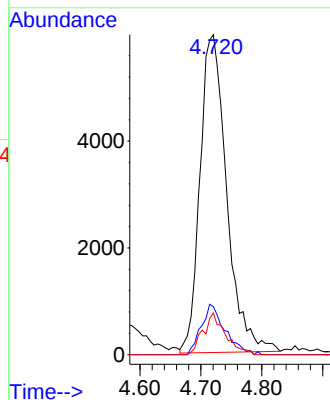
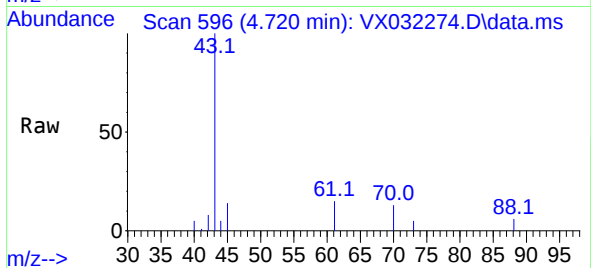
Tgt Ion: 43 Resp: 18149

Ion Ratio Lower Upper

43 100

61 14.1 11.4 17.2

70 11.0 8.8 13.2



#38

Carbon Tetrachloride

Concen: 7.138 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX032274.D

Acq: 20 Oct 2022 19:33

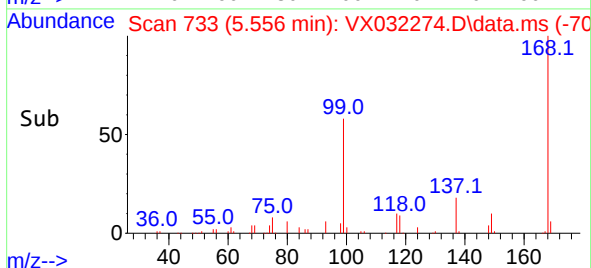
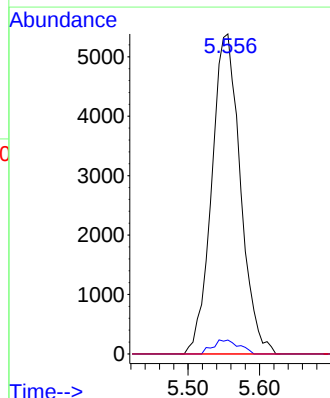
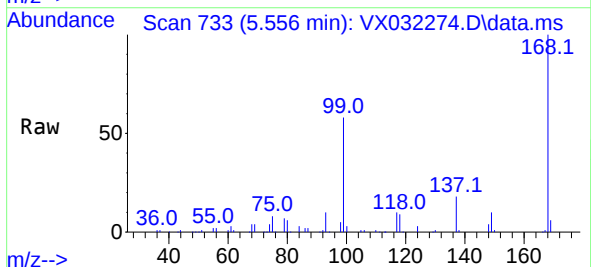
Tgt Ion: 117 Resp: 15000

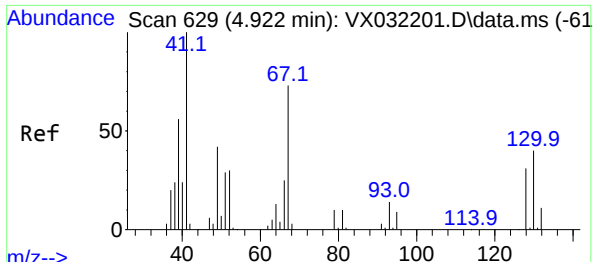
Ion Ratio Lower Upper

117 100

119 4.3 75.4 113.0#

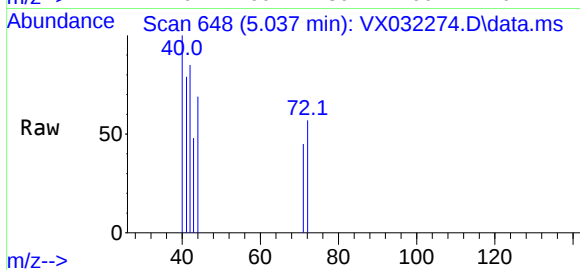
121 0.0 23.9 35.9#





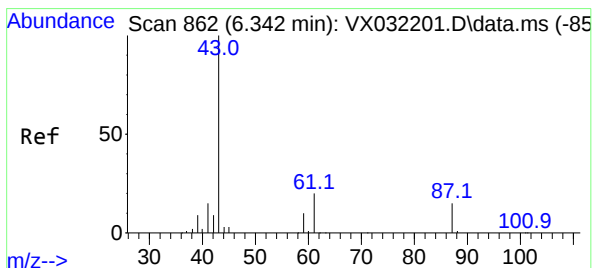
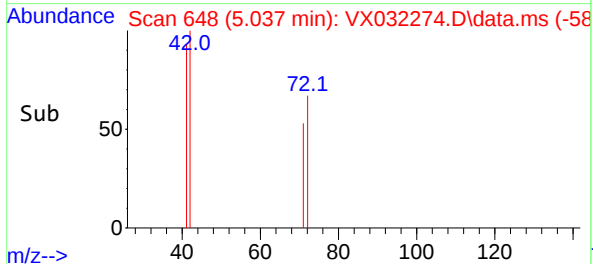
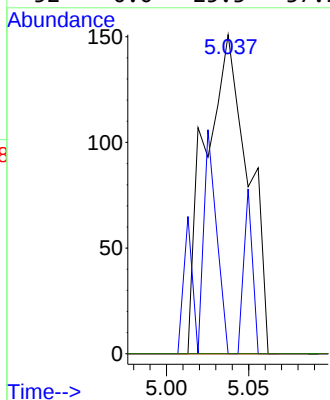
#41
Methacrylonitrile
Concen: 0.267 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.115 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019



Tgt Ion: 41 Resp: 274

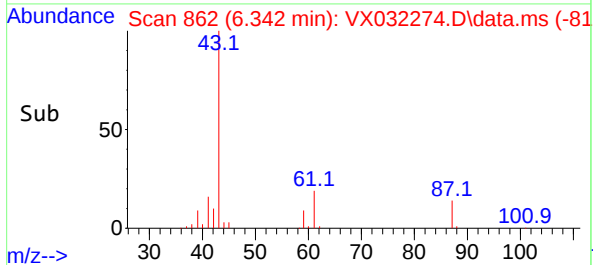
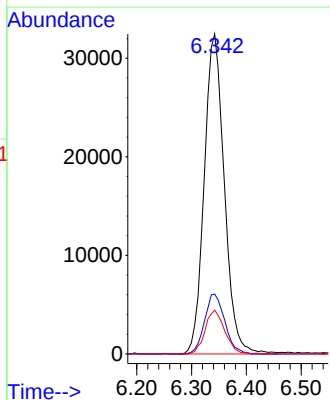
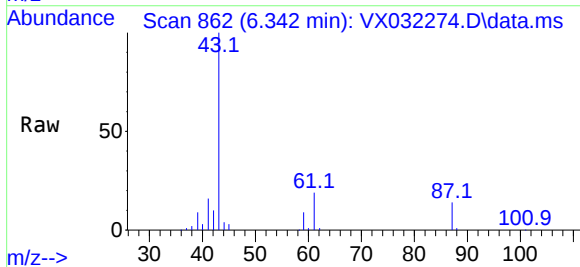
Ion	Ratio	Lower	Upper
41	100		
39	29.6	45.5	68.3#
67	0.0	59.4	89.2#
52	0.0	25.3	37.9#

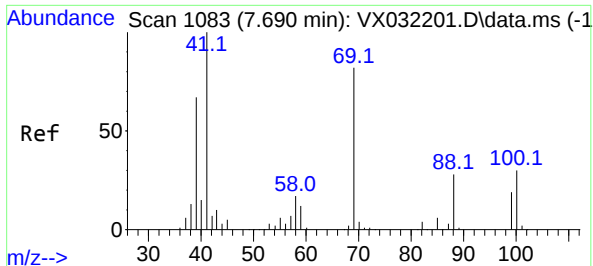


#43
Isopropyl Acetate
Concen: 27.011 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 43 Resp: 82628

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.5	23.3
87	13.3	11.0	16.6

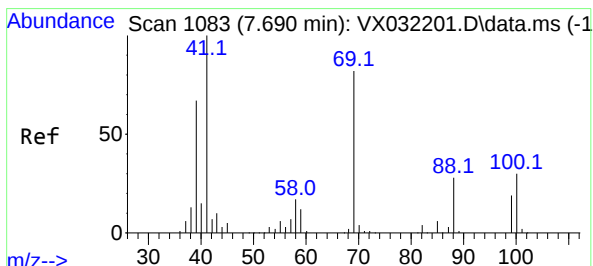
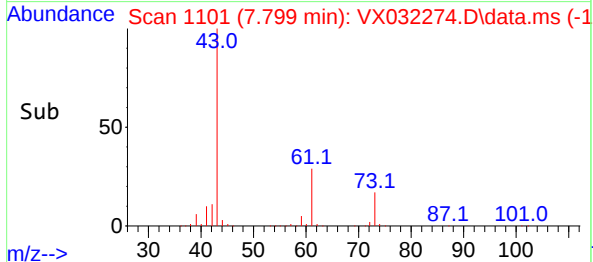
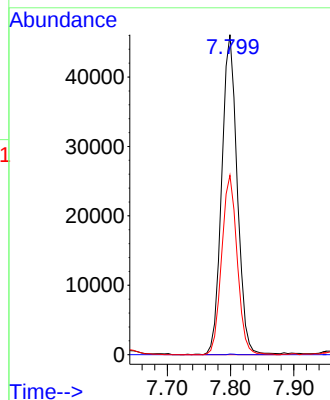
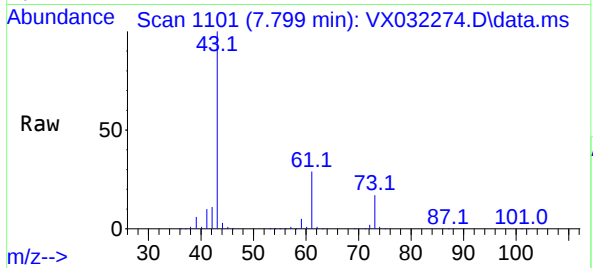




#48
Methyl methacrylate
Concen: 51.312 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

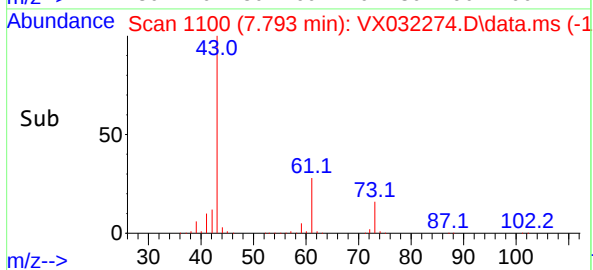
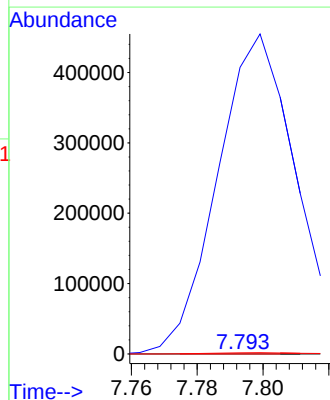
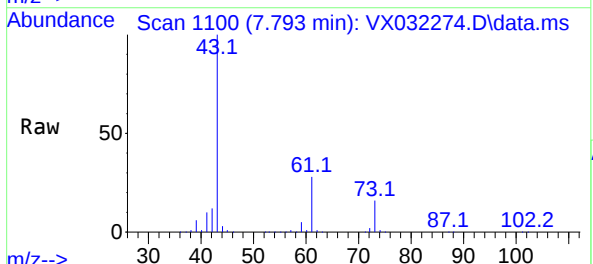
Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

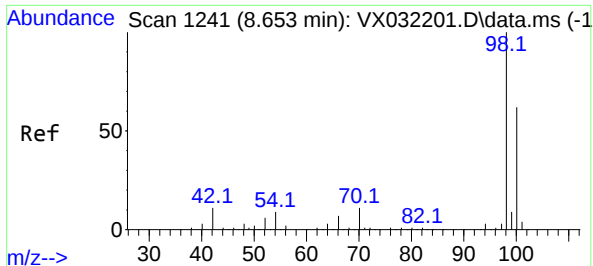
Tgt Ion: 41 Resp: 78284
Ion Ratio Lower Upper
41 100
69 0.1 67.3 100.9#
39 56.0 53.8 80.8



#49
1,4-Dioxane
Concen: 1.927 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 1300396.6 26.9 40.3#
58 5516.9 50.7 76.1#

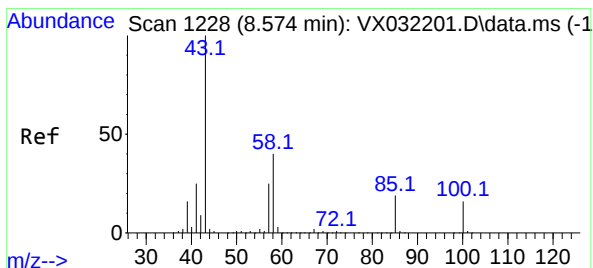
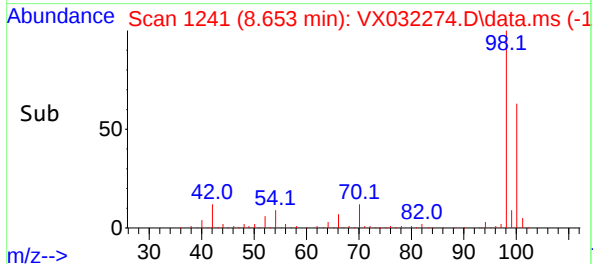
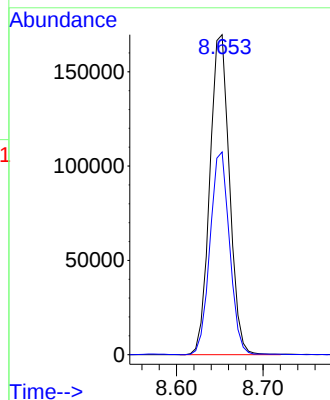
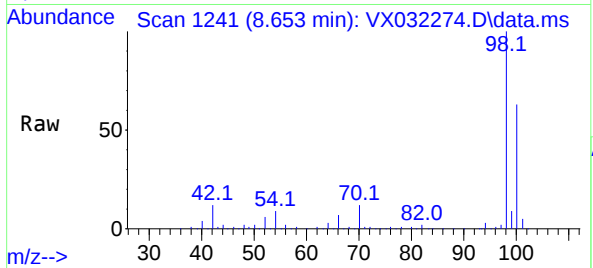




#50
Toluene-d8
Concen: 48.024 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

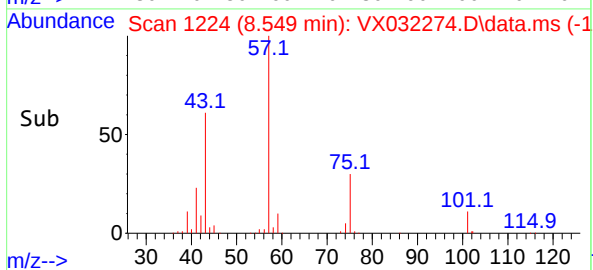
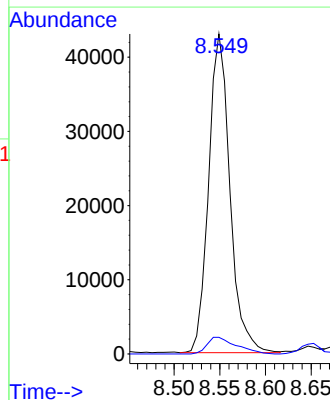
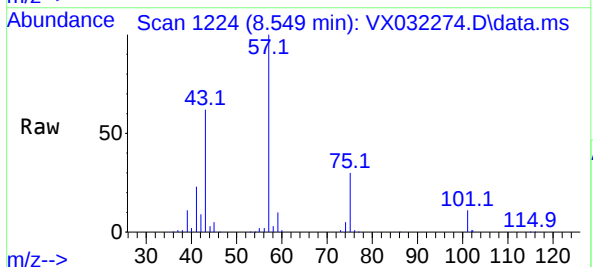
Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

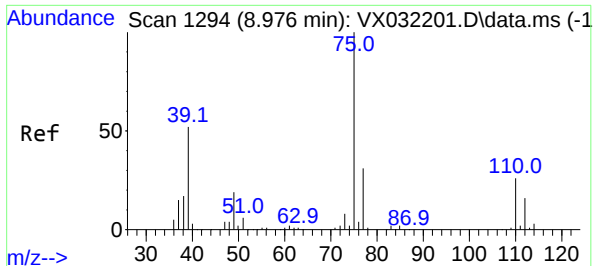
Tgt Ion: 98 Resp: 267523
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 36.280 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 43 Resp: 69571
Ion Ratio Lower Upper
43 100
58 7.2 31.0 46.4#





#53

t-1,3-Dichloropropene

Concen: 1.830 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX032274.D

Acq: 20 Oct 2022 19:33

Instrument :

MSVOA_X

ClientSampleId :

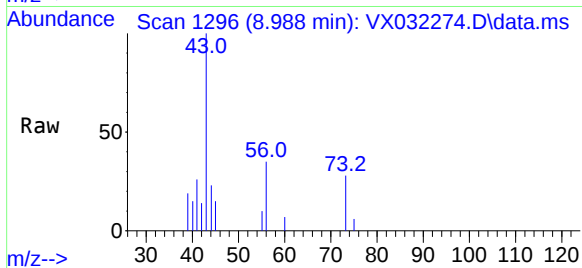
TEXAS-SP-1019

Tgt Ion: 75 Resp: 27

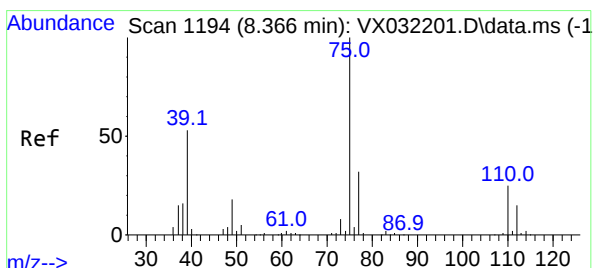
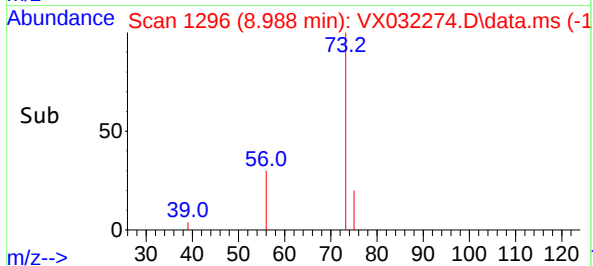
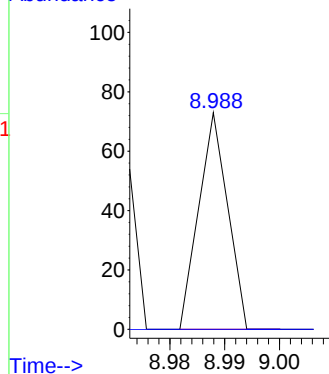
Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#



Abundance



#54

cis-1,3-Dichloropropene

Concen: 13.402 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX032274.D

Acq: 20 Oct 2022 19:33

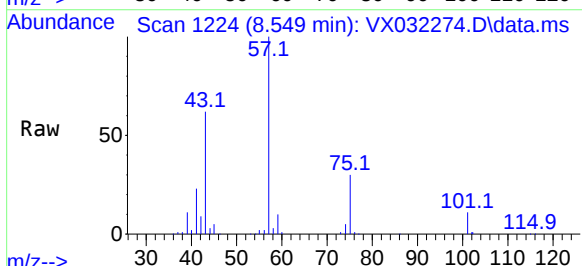
Tgt Ion: 75 Resp: 29947

Ion Ratio Lower Upper

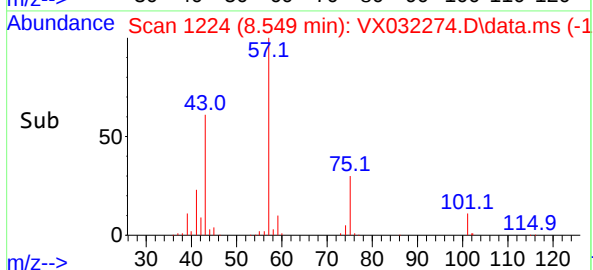
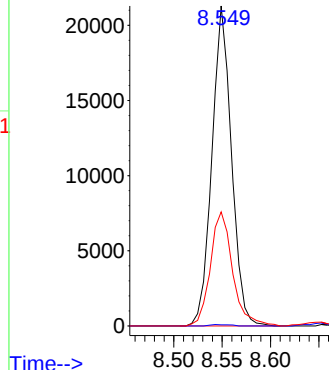
75 100

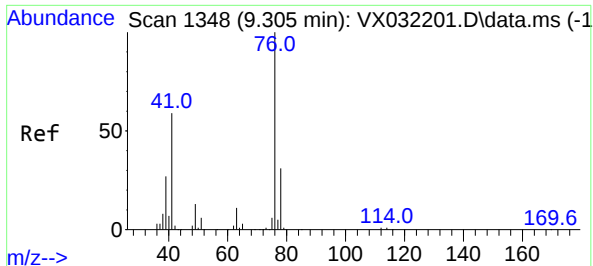
77 0.3 25.3 37.9#

39 35.6 42.4 63.6#



Abundance

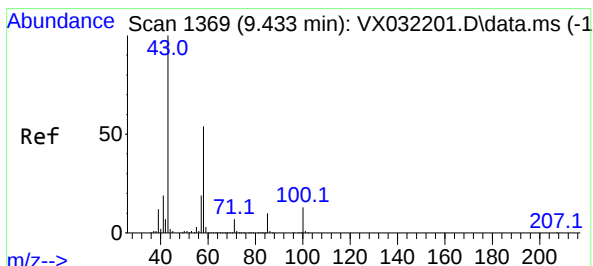
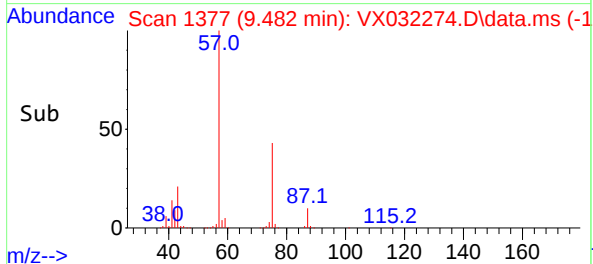
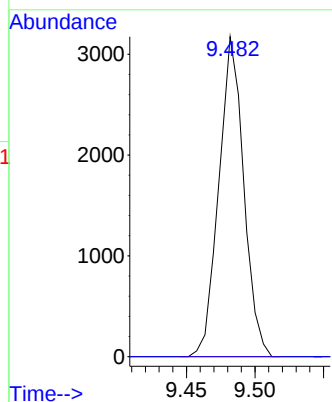
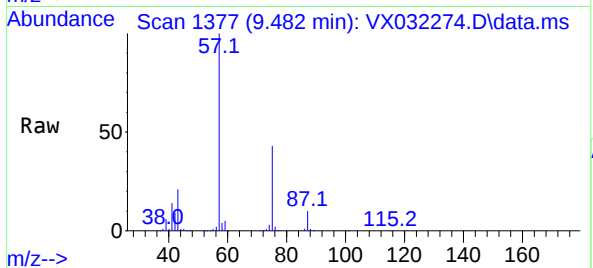




#57
1,3-Dichloropropane
Concen: 1.629 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

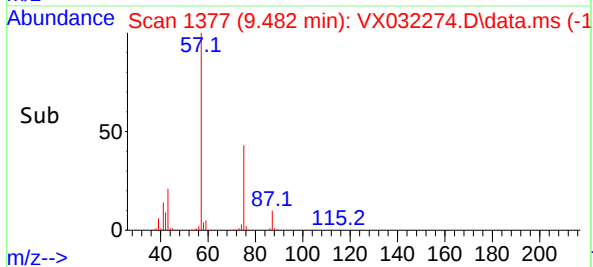
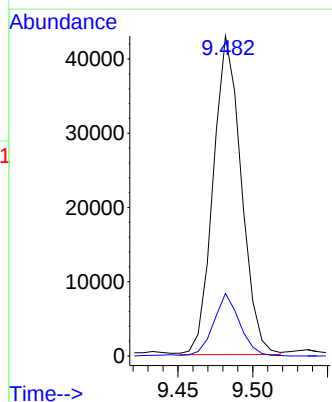
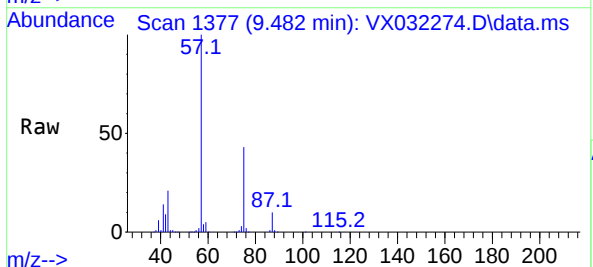
Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

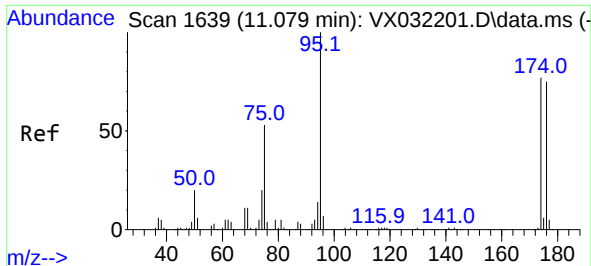
Tgt Ion: 76 Resp: 4006
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 39.169 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 43 Resp: 56045
Ion Ratio Lower Upper
43 100
58 18.5 26.7 80.1#





#62

4-Bromofluorobenzene

Concen: 46.546 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032274.D

Acq: 20 Oct 2022 19:33

Instrument :

MSVOA_X

ClientSampleId :

TEXAS-SP-1019

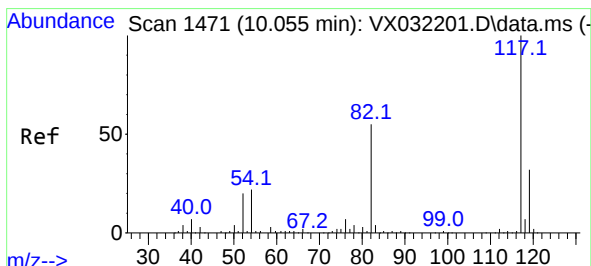
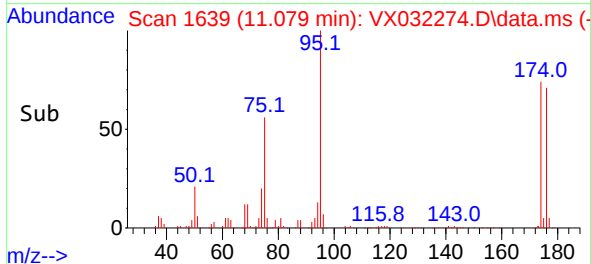
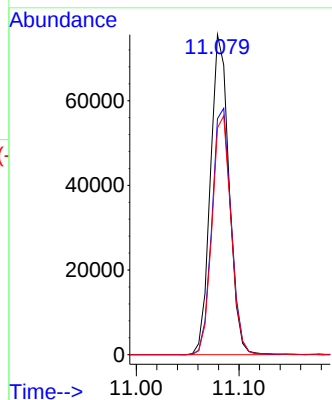
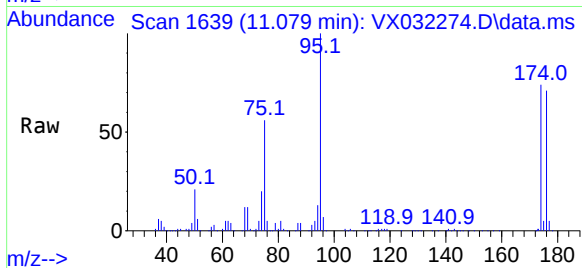
Tgt Ion: 95 Resp: 94947

Ion Ratio Lower Upper

95 100

174 79.4 0.0 166.8

176 76.2 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032274.D

Acq: 20 Oct 2022 19:33

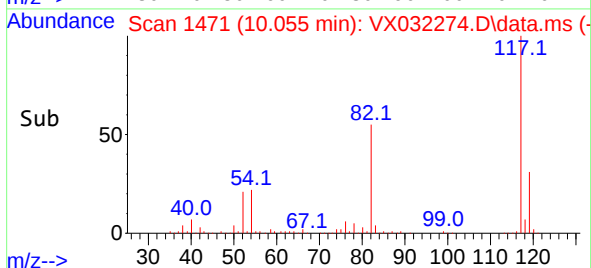
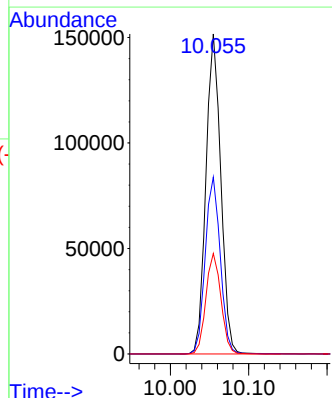
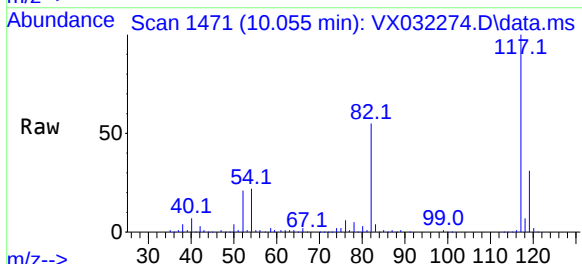
Tgt Ion: 117 Resp: 199382

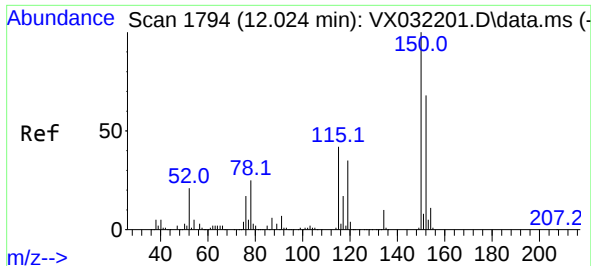
Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.4

119 31.4 25.8 38.8

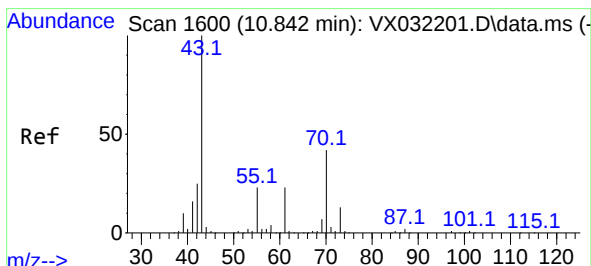
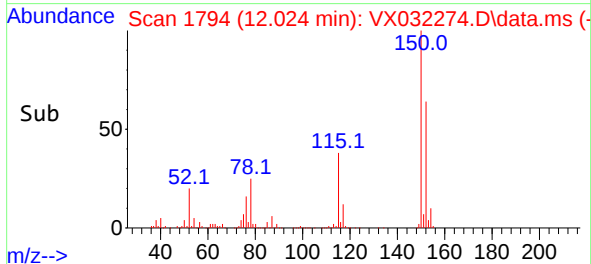
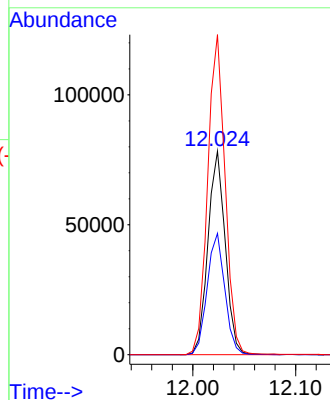
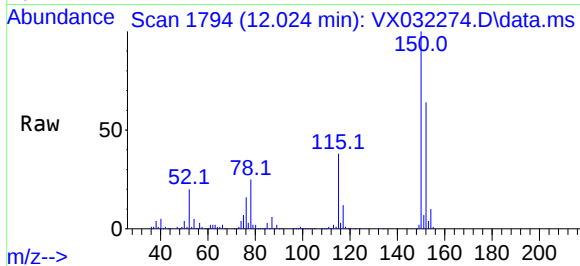




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

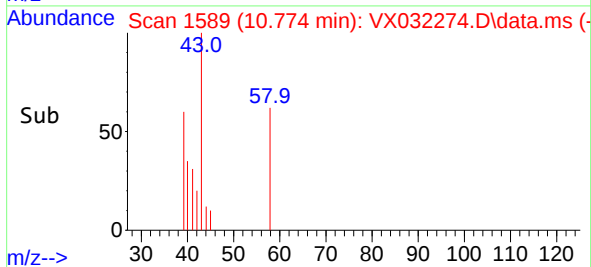
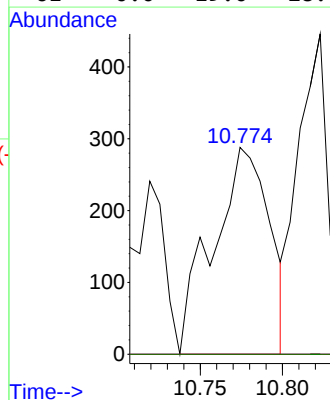
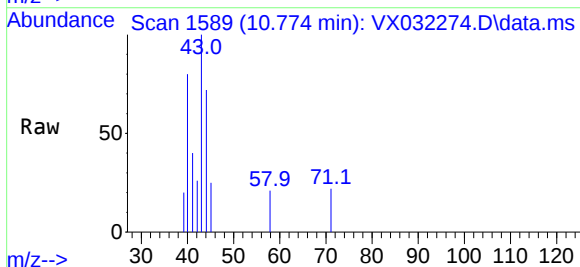
Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

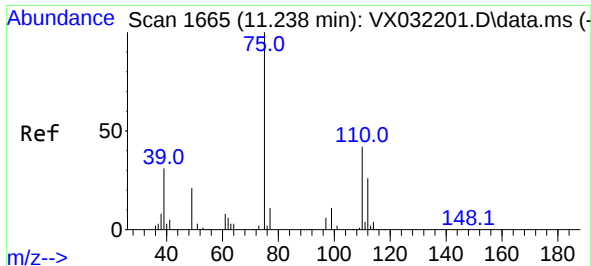
Tgt Ion:152 Resp: 91609
Ion Ratio Lower Upper
152 100
115 60.9 43.1 129.4
150 158.6 0.0 348.6



#74
N-ethyl acetate
Concen: 0.285 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.068 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
70 0.0 33.9 50.9#
55 0.0 19.1 28.7#
61 0.0 19.0 28.4#

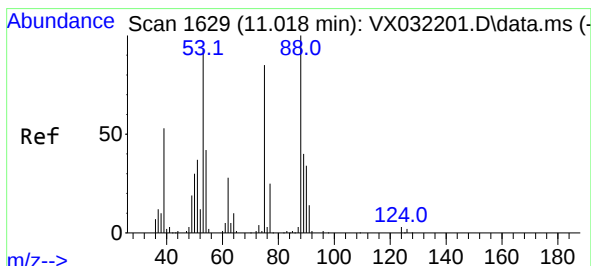
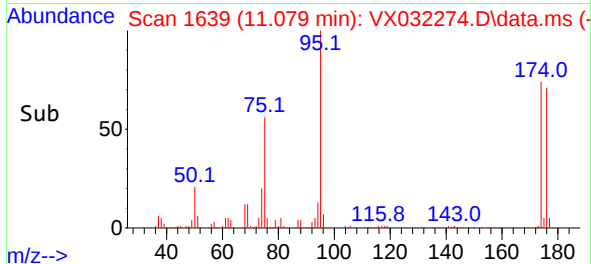
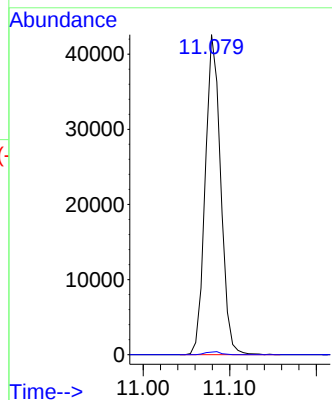
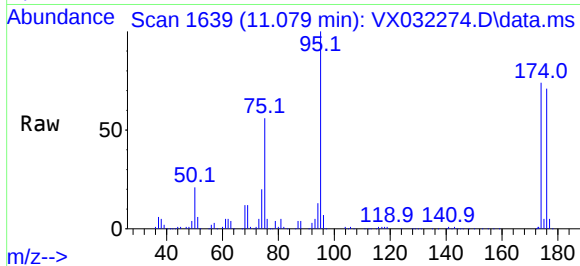




#76
1,2,3-Trichloropropane
Concen: 29.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Instrument :
MSVOA_X
ClientSampleId :
TEXAS-SP-1019

Tgt Ion: 75 Resp: 52679
Ion Ratio Lower Upper
75 100
77 0.9 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032274.D
Acq: 20 Oct 2022 19:33

Tgt Ion: 75 Resp: 52679
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

