

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033931.D
 Acq On : 27 Jan 2023 12:42
 Operator : JC/MD
 Sample : 01320-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-COMP-0126

Quant Time: Jan 28 03:04:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

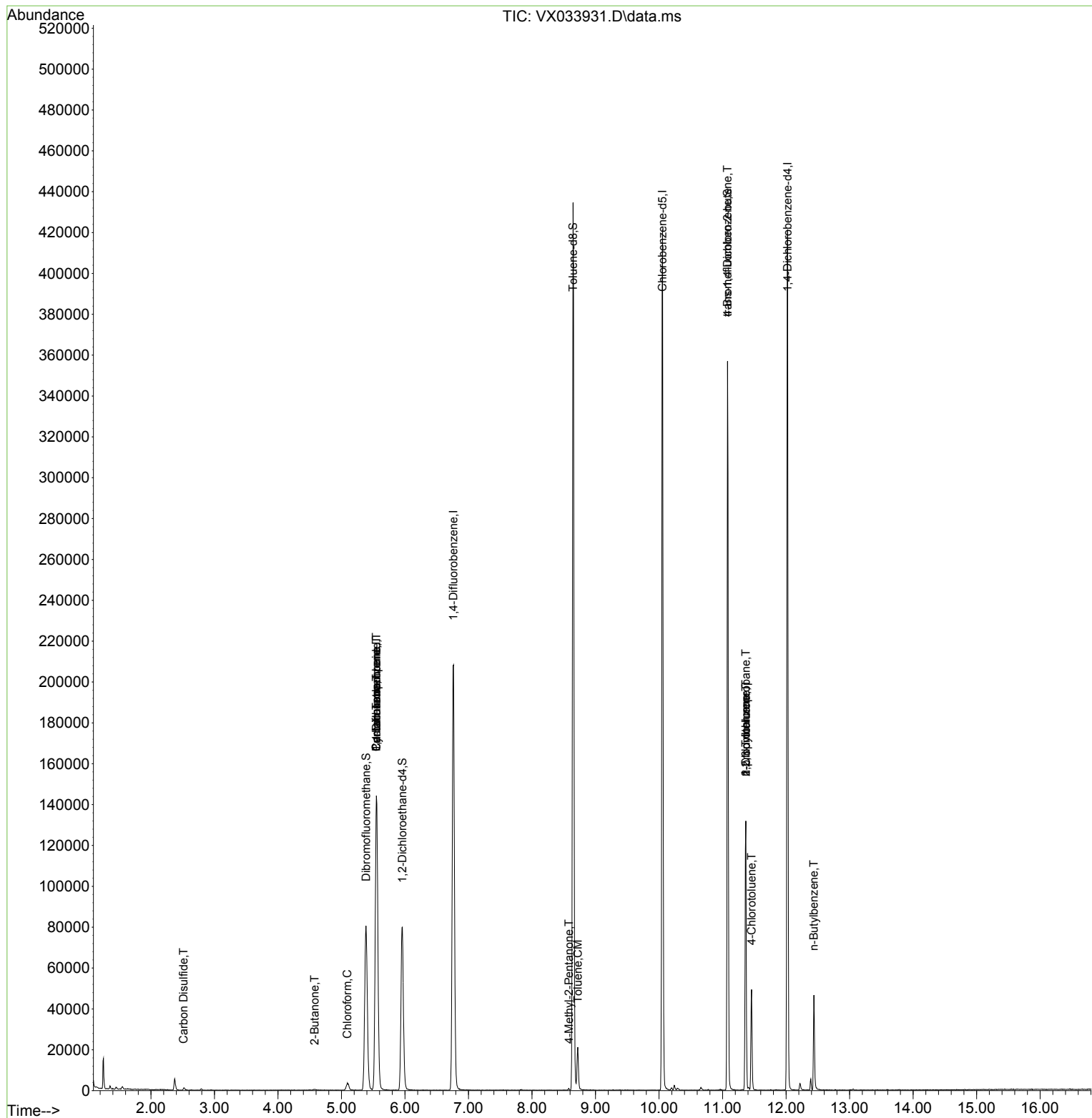
Internal Standards						
1) Pentafluorobenzene	5.550	168	160857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76488	45.161	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.320%
35) Dibromofluoromethane	5.385	113	70904	49.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	8.647	98	262975	50.218	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.079	95	91525	47.075	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.140%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	5876	Below Cal		97
17) Carbon Disulfide	2.514	76	217	1.885 ug/l #		76
20) Methylene Chloride	2.794	84	276	Below Cal #		82
25) 2-Butanone	4.574	43	785	0.709 ug/l		97
30) Chloroform	5.093	83	4498	1.616 ug/l		94
31) Cyclohexane	5.550	56	2286	0.917 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	9379	4.471 ug/l #		48
37) Ethyl Acetate	4.641	43	33	Below Cal #		68
38) Carbon Tetrachloride	5.550	117	13453	6.192 ug/l #		15
51) 4-Methyl-2-Pentanone	8.580	43	651	0.320 ug/l #		80
52) Toluene	8.720	92	8594	2.177 ug/l		95
73) Isopropylbenzene	10.963	105	319	Below Cal		77
75) 1,1,2,2-Tetrachloroethane	11.079	83	65	Below Cal #		1
76) 1,2,3-Trichloropropane	11.366	75	1473	0.800 ug/l #		45
78) n-propylbenzene	11.366	91	60097	7.349 ug/l #		51
79) 2-Chlorotoluene	11.366	91	60097	11.296 ug/l		98
81) trans-1,4-Dichloro-2-b...	11.079	75	41812	70.568 ug/l #		8
82) 4-Chlorotoluene	11.457	91	24052	1.893 ug/l		91
89) n-Butylbenzene	12.439	91	16924	3.374 ug/l #		60

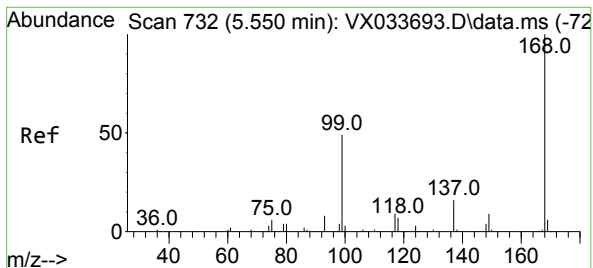
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 28 03:04:34 2023
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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX033931.D

Acq: 27 Jan 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

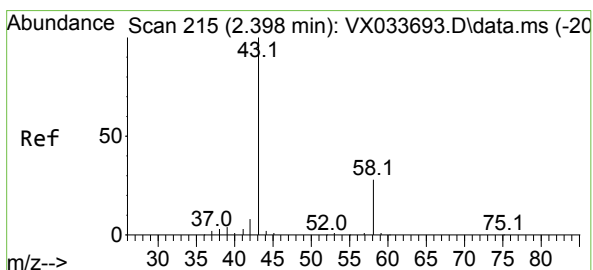
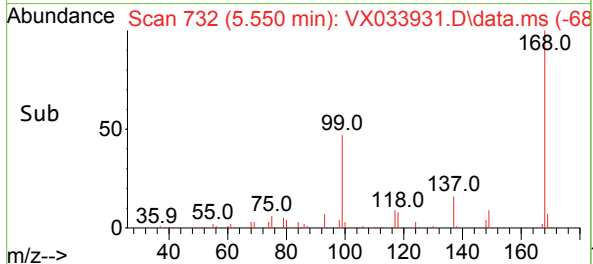
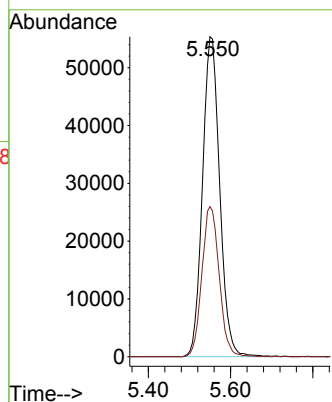
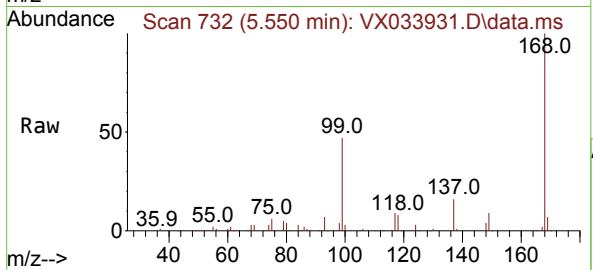
TOTE-COMP-0126

Tgt Ion:168 Resp: 160857

Ion Ratio Lower Upper

168 100

99 46.9 39.6 59.4



#16

Acetone

Concen: Below Cal

RT: 2.374 min Scan# 211

Delta R.T. -0.024 min

Lab File: VX033931.D

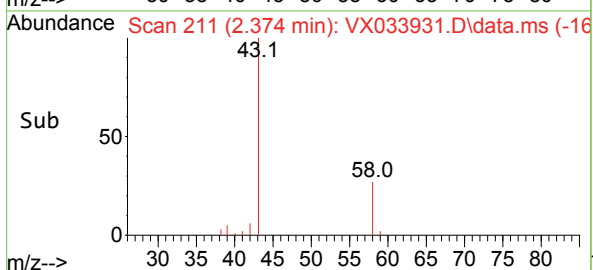
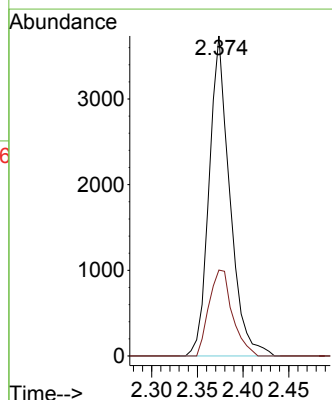
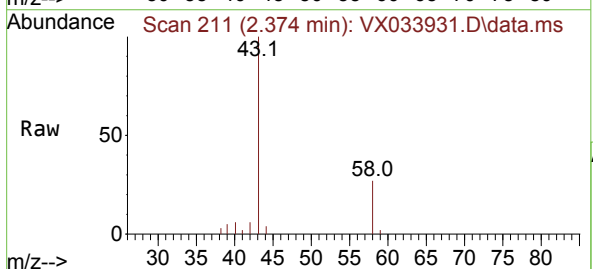
Acq: 27 Jan 2023 12:42

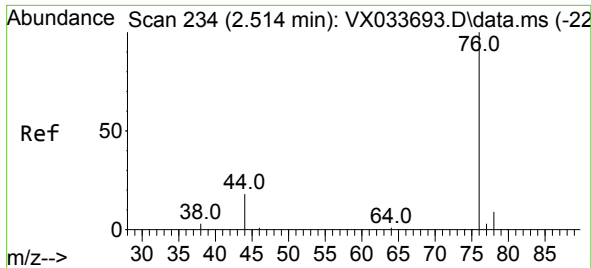
Tgt Ion: 43 Resp: 5876

Ion Ratio Lower Upper

43 100

58 26.8 22.6 33.8





#17

Carbon Disulfide

Concen: 1.885 ug/l

RT: 2.514 min Scan# 217

Delta R.T. -0.000 min

Lab File: VX033931.D

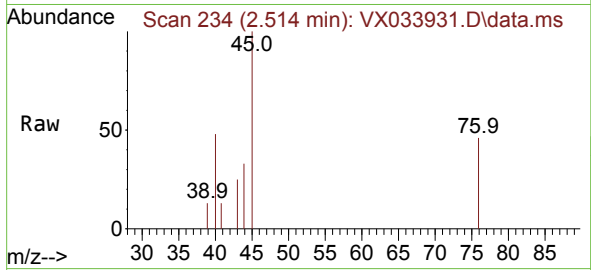
Acq: 27 Jan 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

TOTE-COMP-0126

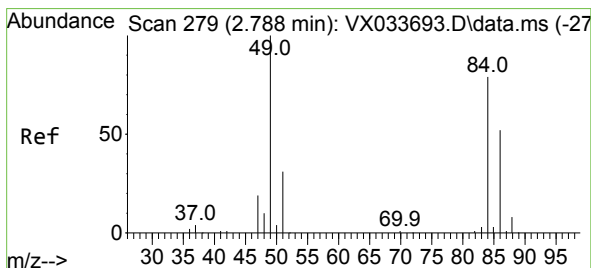
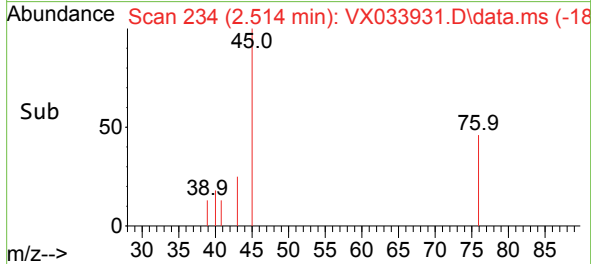
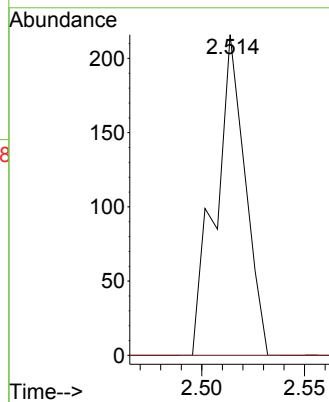


Tgt Ion: 76 Resp: 217

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033931.D

Acq: 27 Jan 2023 12:42

Tgt Ion: 84 Resp: 276

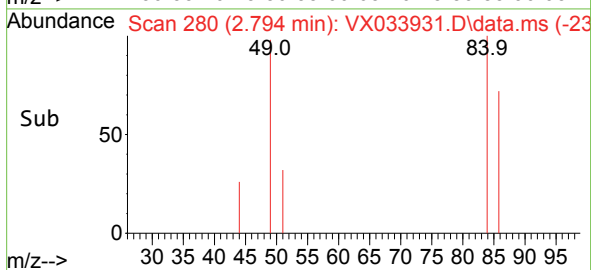
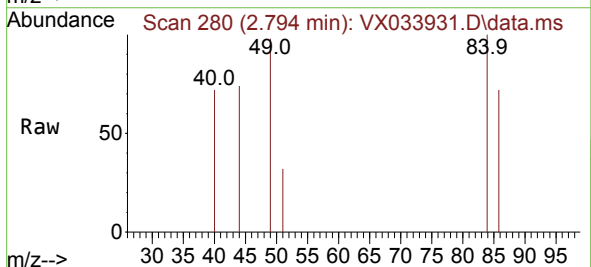
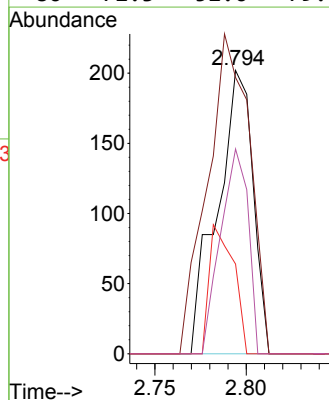
Ion Ratio Lower Upper

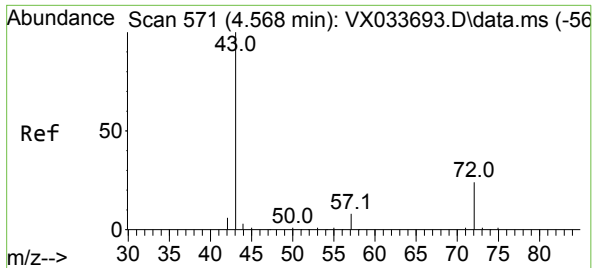
84 100

49 97.5 101.1 151.7#

51 31.7 31.0 46.6

86 72.3 52.6 79.0

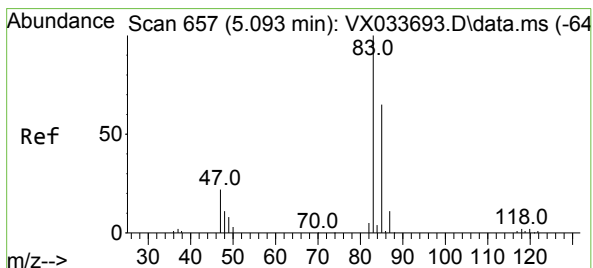
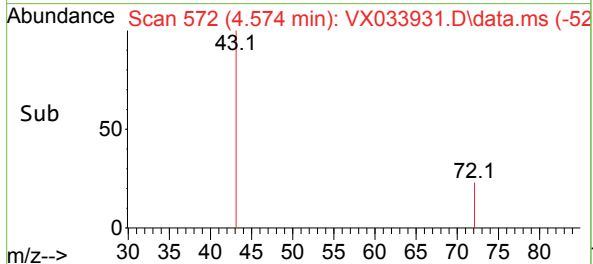
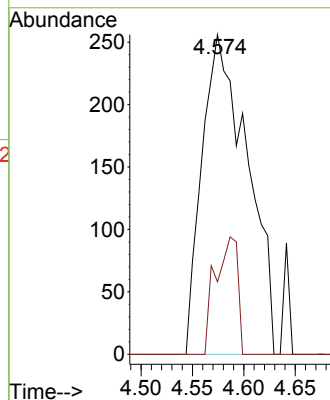
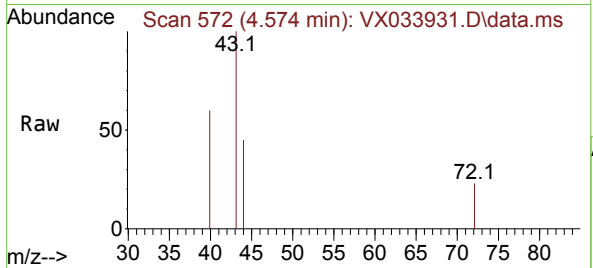




#25
2-Butanone
Concen: 0.709 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

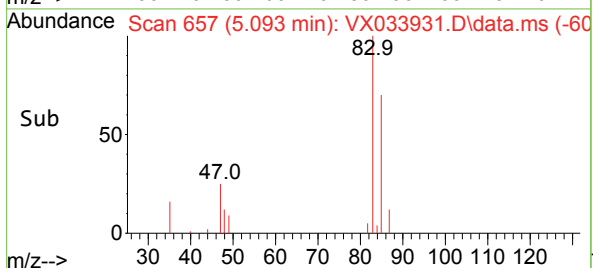
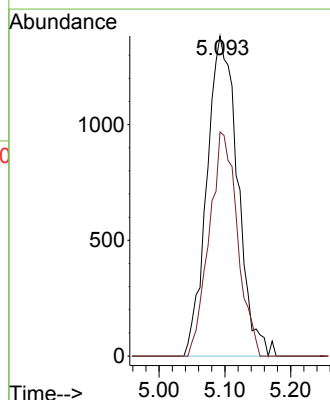
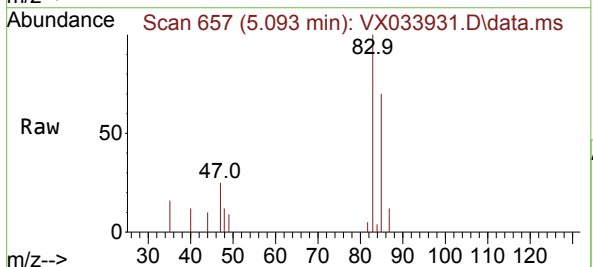
Instrument :
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TOTE-COMP-0126

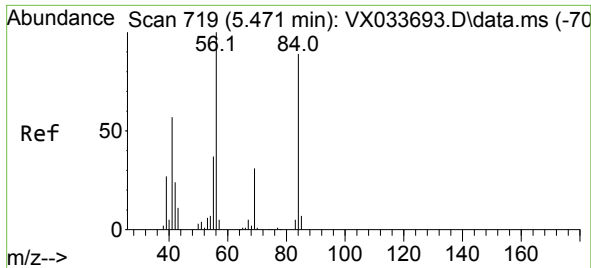
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
72 22.7 19.4 29.2



#30
Chloroform
Concen: 1.616 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion: 83 Resp: 4498
Ion Ratio Lower Upper
83 100
85 70.0 52.1 78.1

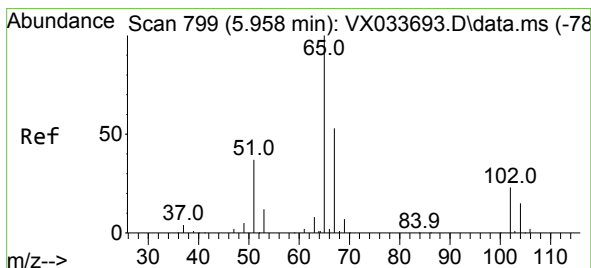
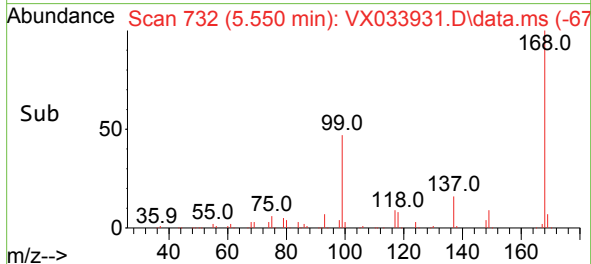
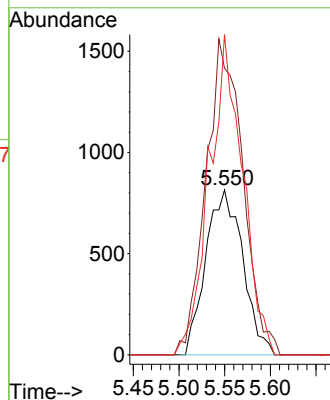
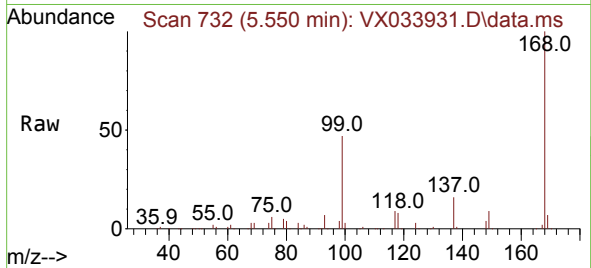




#31
Cyclohexane
Concen: 0.917 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

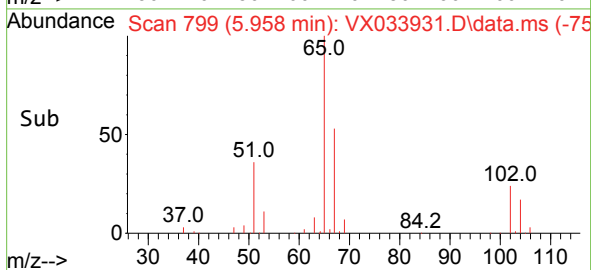
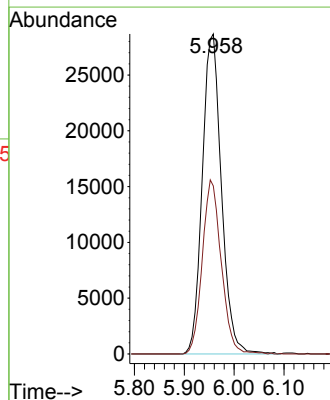
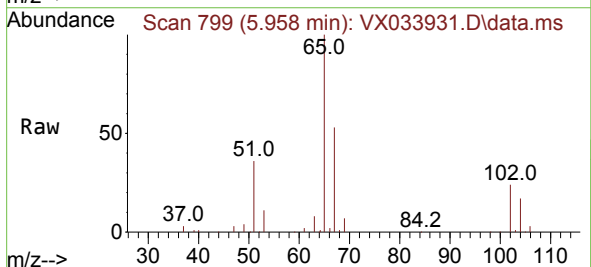
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP-0126

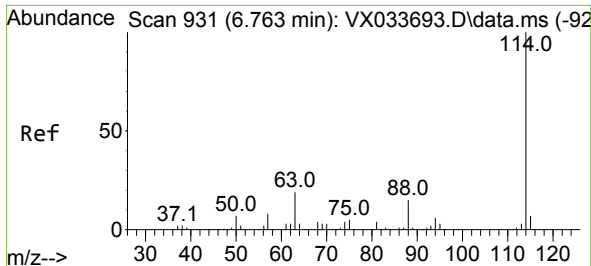
Tgt Ion: 56 Resp: 2286
Ion Ratio Lower Upper
56 100
69 173.7 24.6 37.0#
84 194.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.161 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion: 65 Resp: 76488
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8

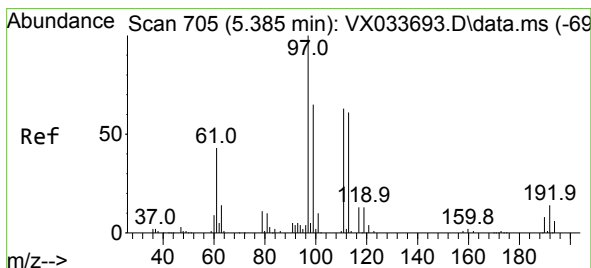
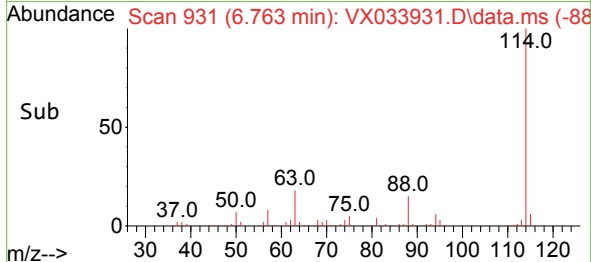
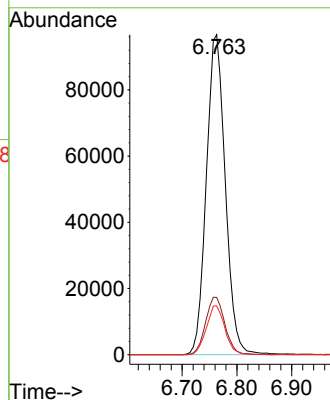
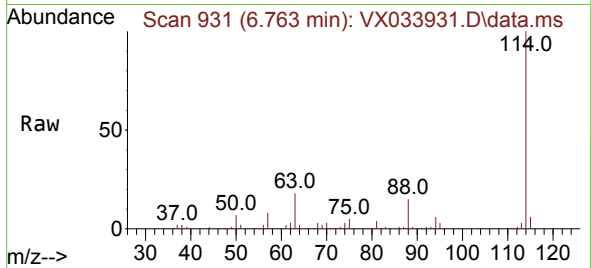




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

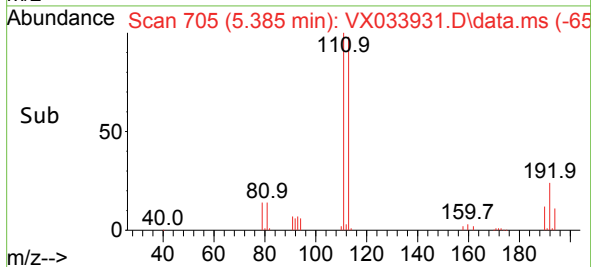
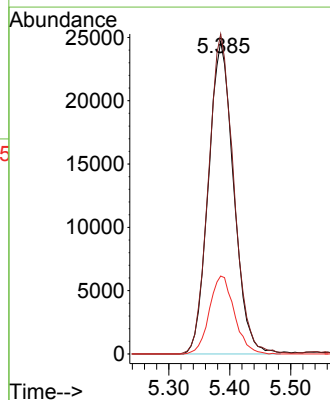
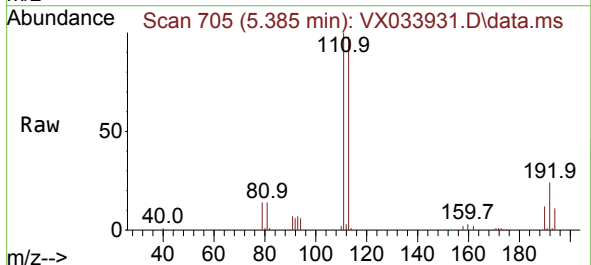
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ClientSampleId :
TOTE-COMP-0126

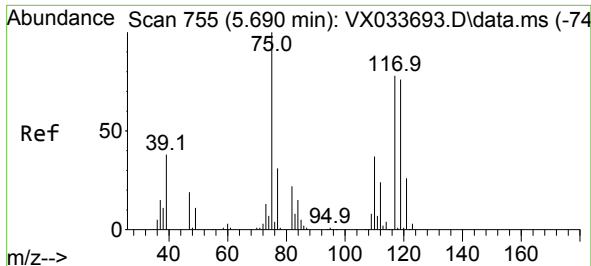
Tgt Ion:114 Resp: 231459
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.334 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion:113 Resp: 70904
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 24.7 19.0 28.4

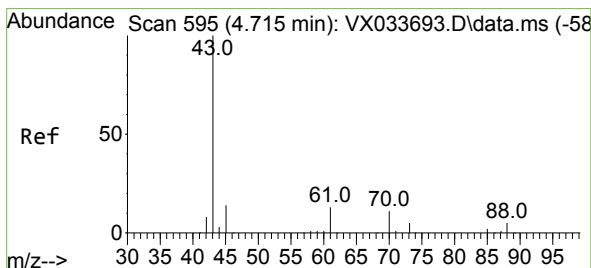
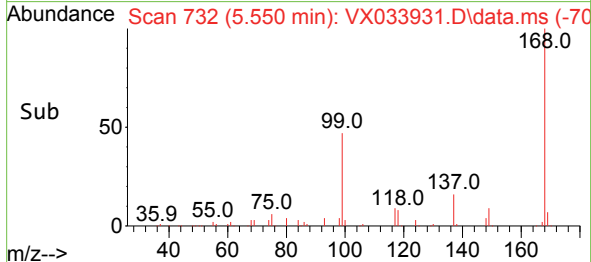
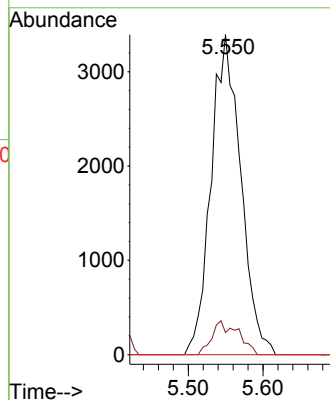
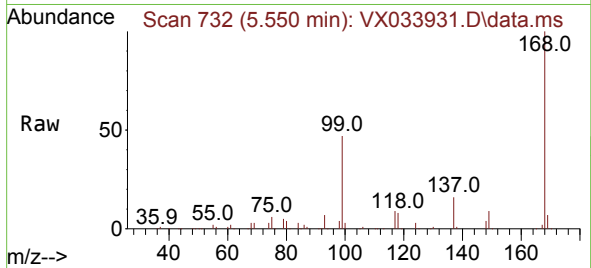




#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

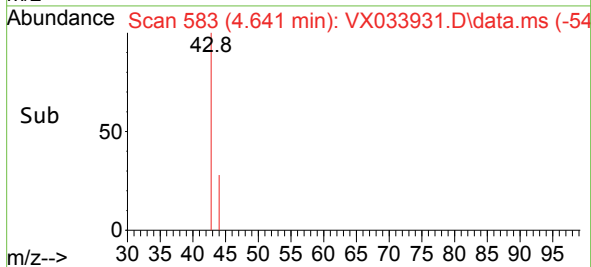
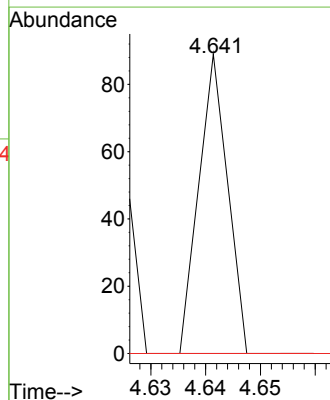
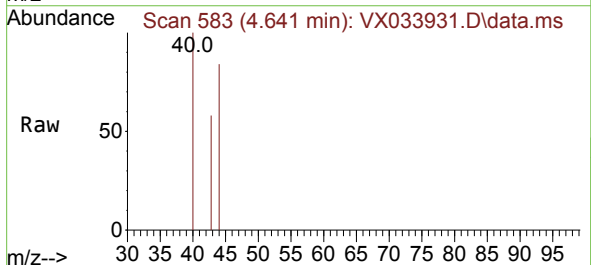
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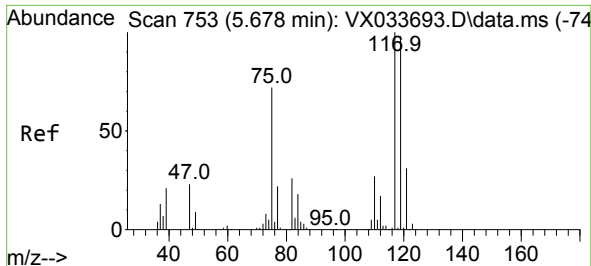
Tgt Ion: 75 Resp: 9379
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.641 min Scan# 583
Delta R.T. -0.074 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#

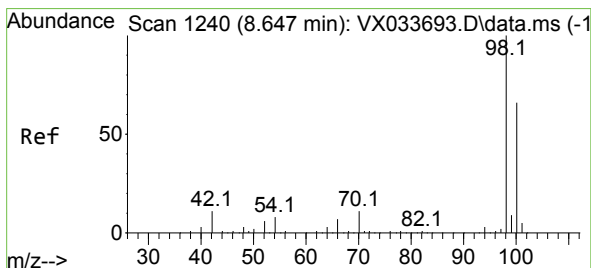
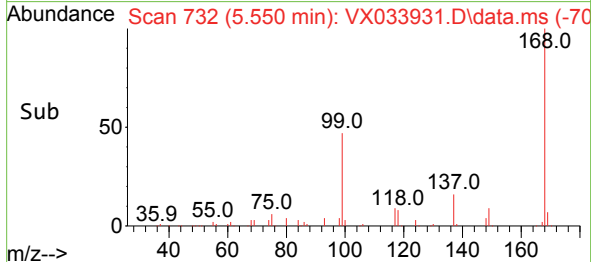
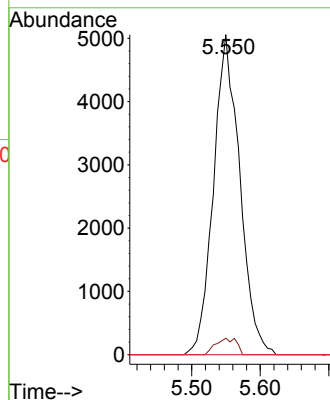
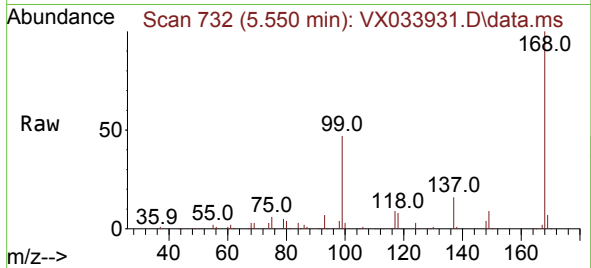




#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

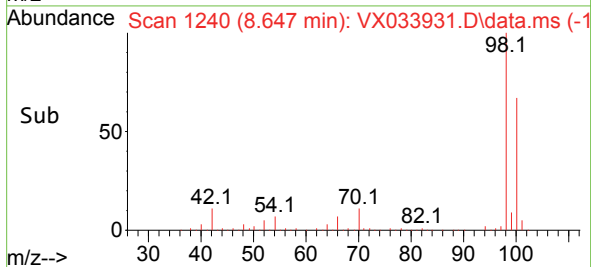
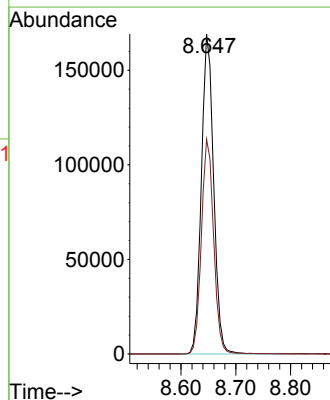
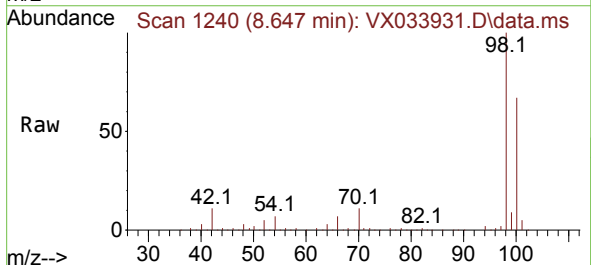
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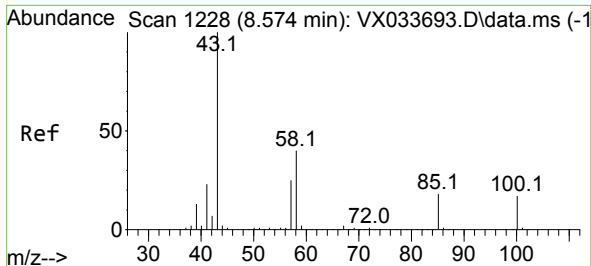
Tgt Ion:117 Resp: 13453
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.218 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion: 98 Resp: 262975
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4

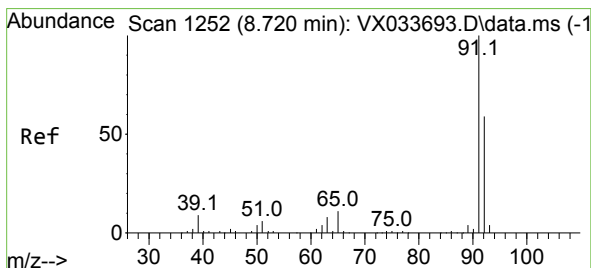
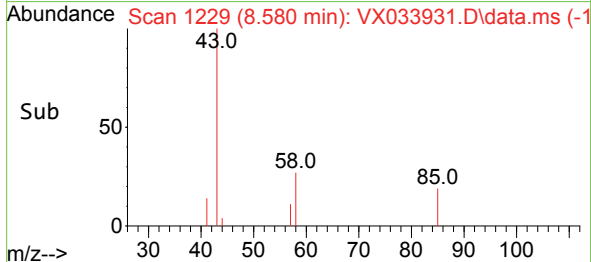
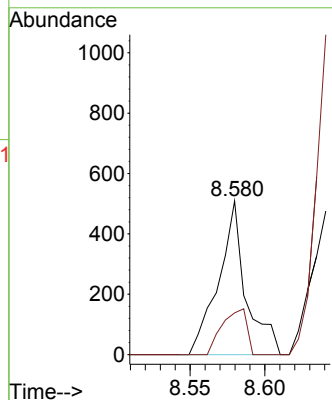
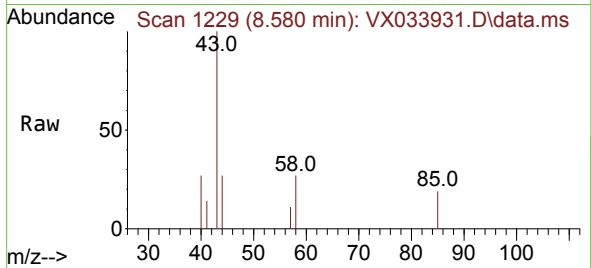




#51
4-Methyl-2-Pentanone
Concen: 0.320 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

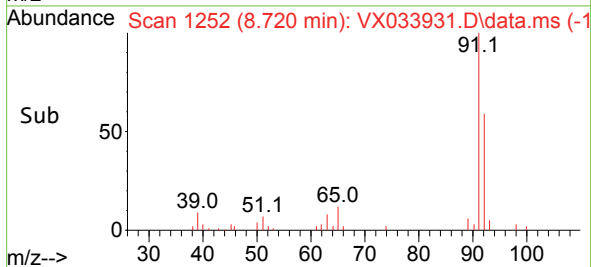
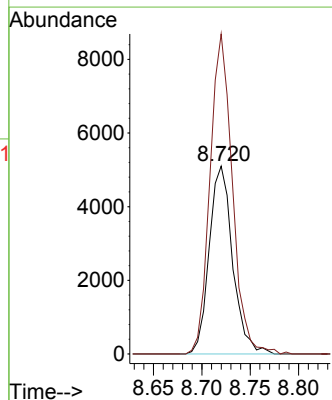
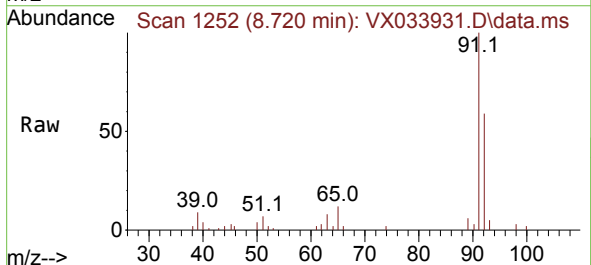
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP-0126

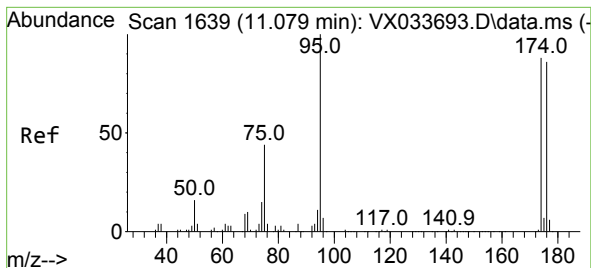
Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
58 26.6 31.2 46.8#



#52
Toluene
Concen: 2.177 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion: 92 Resp: 8594
Ion Ratio Lower Upper
92 100
91 162.9 135.5 203.3

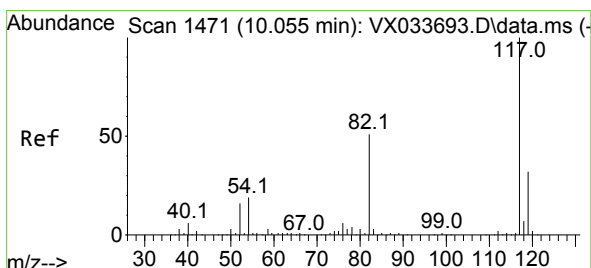
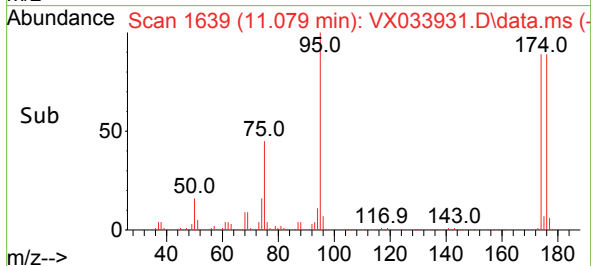
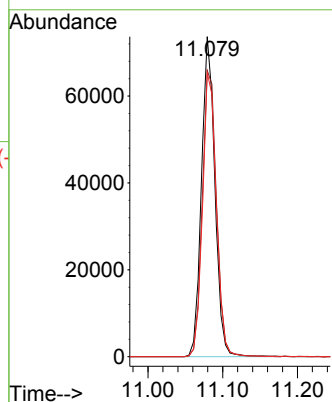
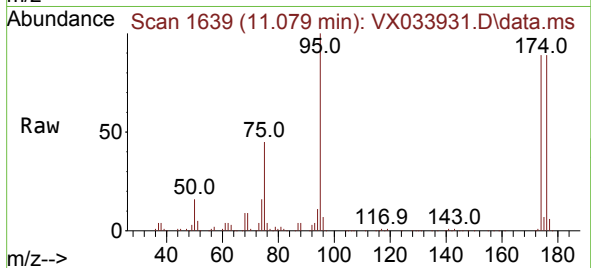




#62
4-Bromofluorobenzene
Concen: 47.075 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

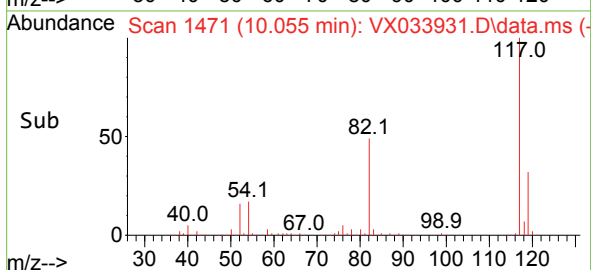
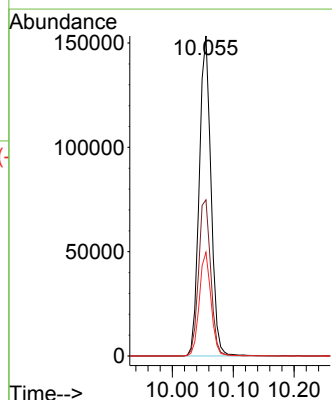
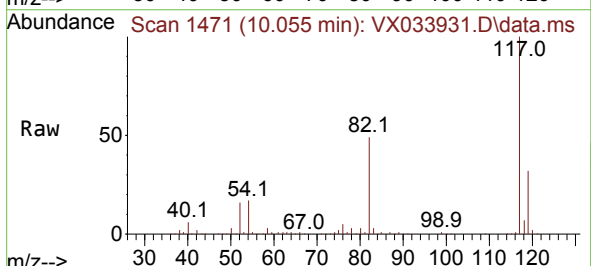
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP-0126

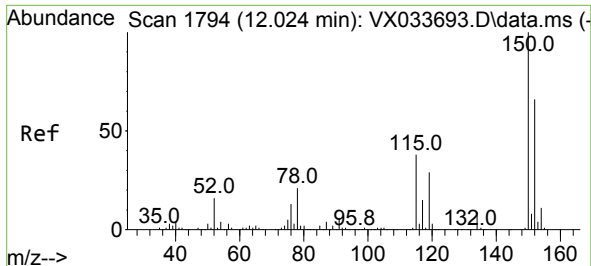
Tgt Ion: 95 Resp: 91525
Ion Ratio Lower Upper
95 100
174 95.1 0.0 184.4
176 91.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion: 117 Resp: 204986
Ion Ratio Lower Upper
117 100
82 48.8 40.6 60.8
119 32.4 25.6 38.4

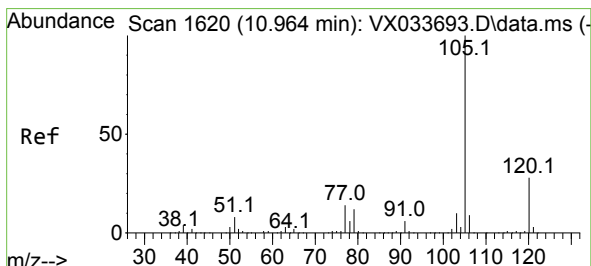
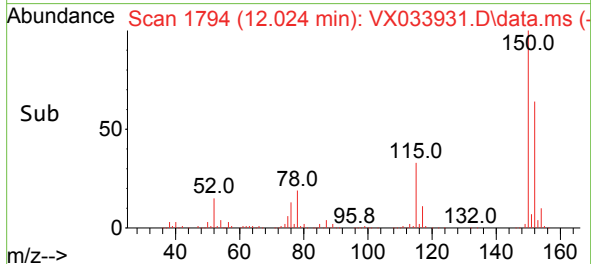
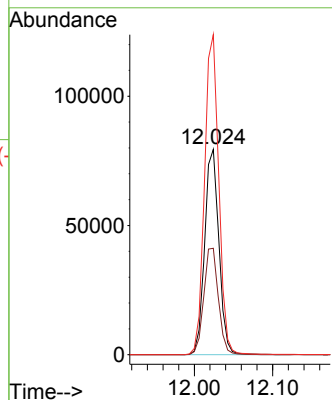
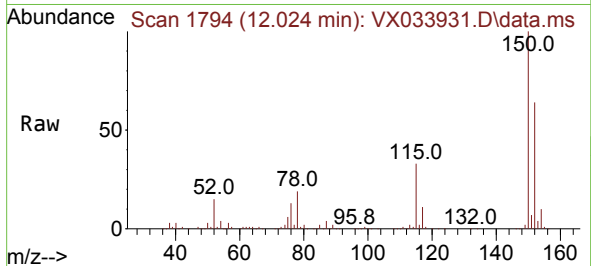




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

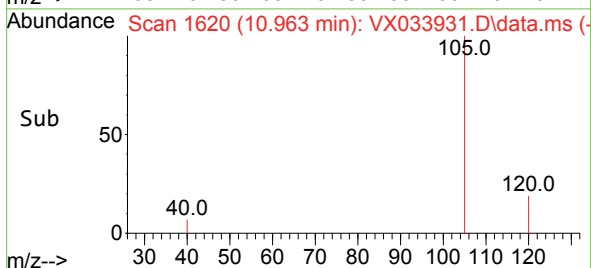
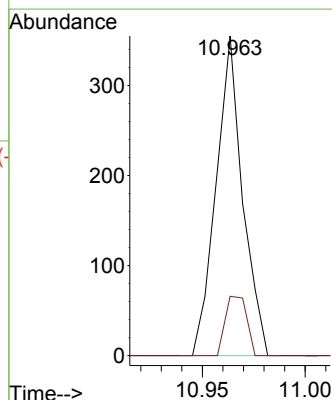
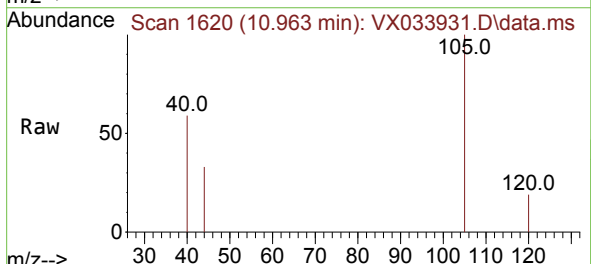
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP-0126

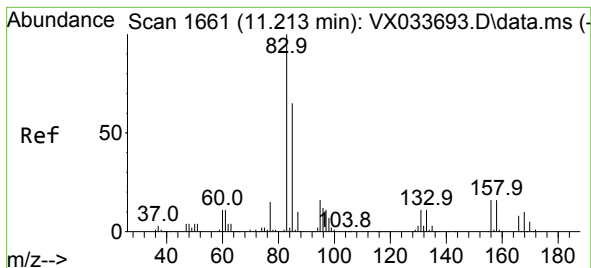
Tgt Ion:152 Resp: 100222
Ion Ratio Lower Upper
152 100
115 53.2 38.7 116.1
150 155.3 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion:105 Resp: 319
Ion Ratio Lower Upper
105 100
120 15.0 13.6 40.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.079 min Scan# 1

Delta R.T. -0.134 min

Lab File: VX033931.D

Acq: 27 Jan 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

TOTE-COMP-0126

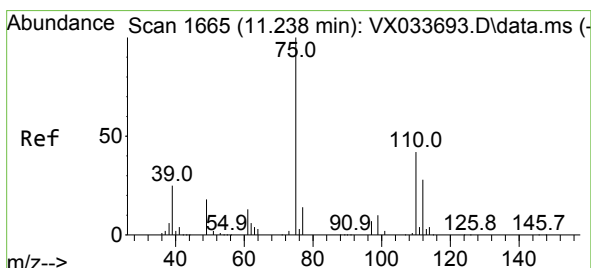
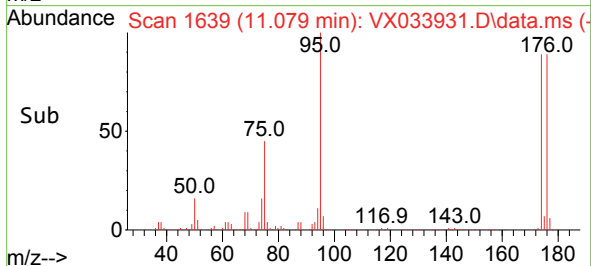
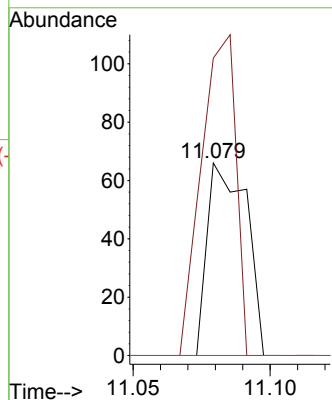
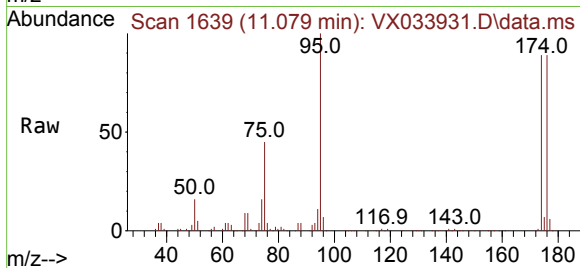
Tgt Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 149.2 5.5 16.7#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 0.800 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.128 min

Lab File: VX033931.D

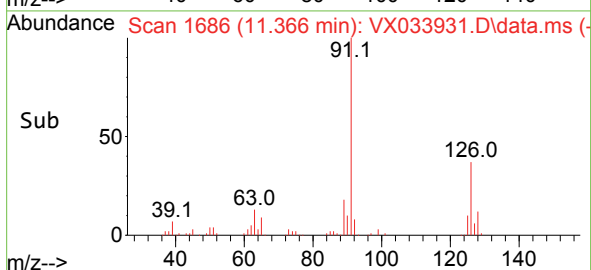
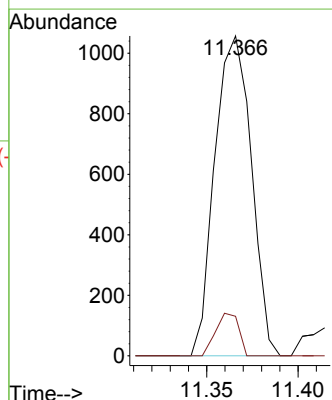
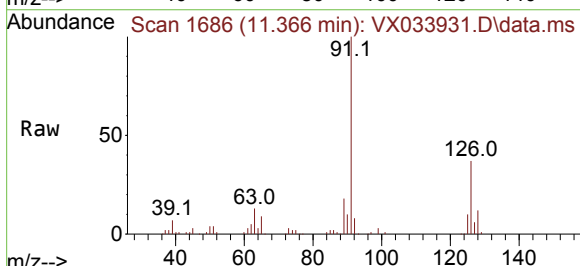
Acq: 27 Jan 2023 12:42

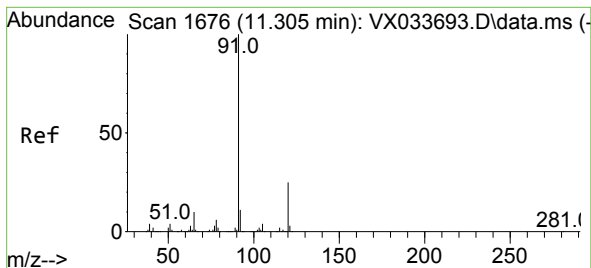
Tgt Ion: 75 Resp: 1473

Ion Ratio Lower Upper

75 100

77 8.4 21.8 65.4#





#78

n-propylbenzene

Concen: 7.349 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.061 min

Lab File: VX033931.D

Acq: 27 Jan 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

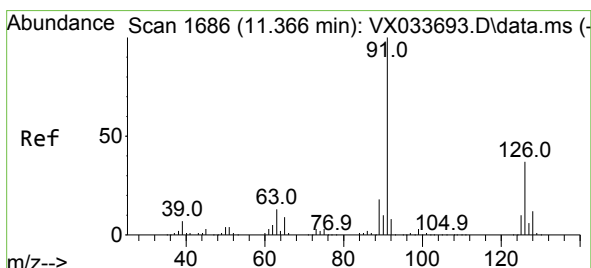
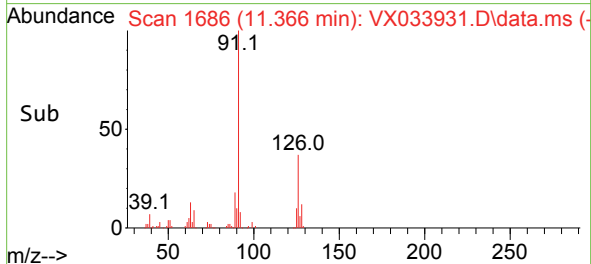
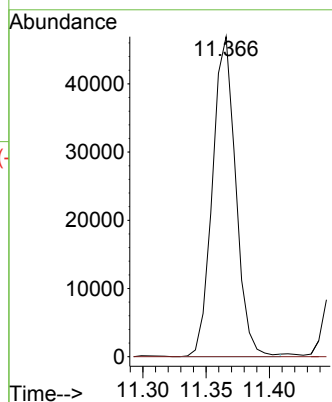
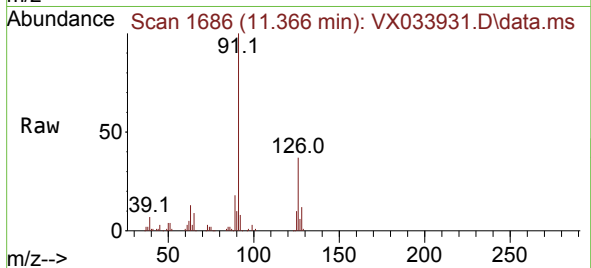
TOTE-COMP-0126

Tgt Ion: 91 Resp: 60097

Ion Ratio Lower Upper

91 100

120 0.0 12.3 36.8#



#79

2-Chlorotoluene

Concen: 11.296 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX033931.D

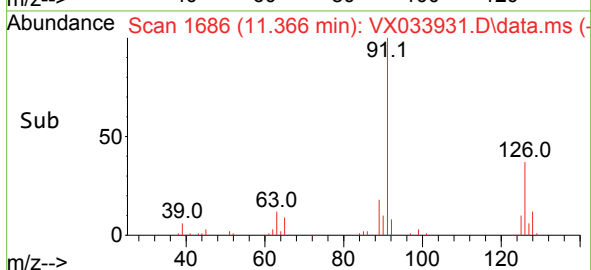
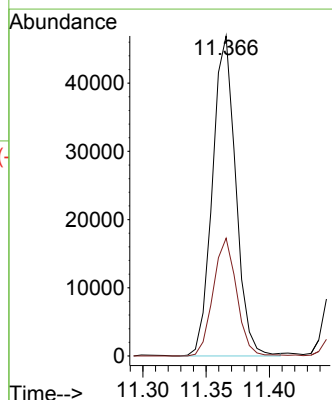
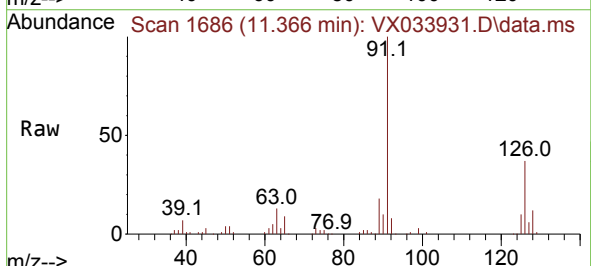
Acq: 27 Jan 2023 12:42

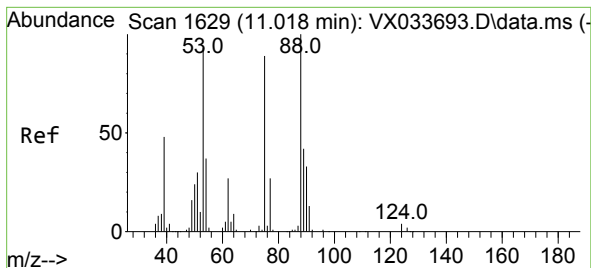
Tgt Ion: 91 Resp: 60097

Ion Ratio Lower Upper

91 100

126 37.2 18.1 54.1

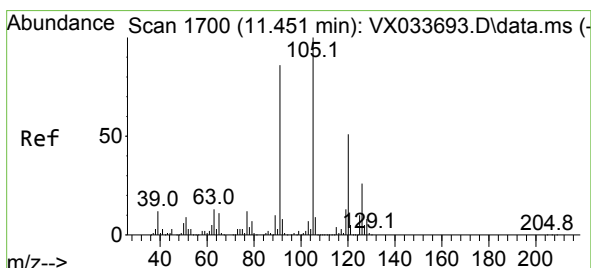
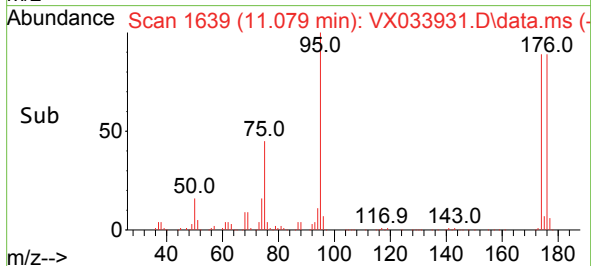
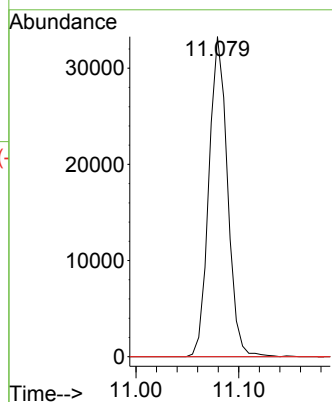
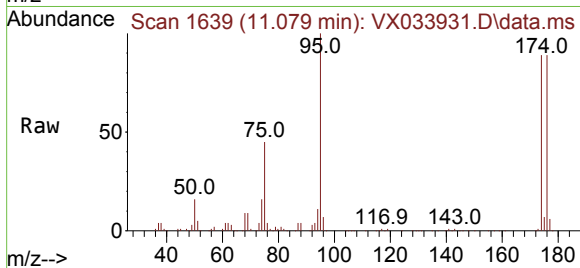




#81
trans-1,4-Dichloro-2-butene
Concen: 70.568 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

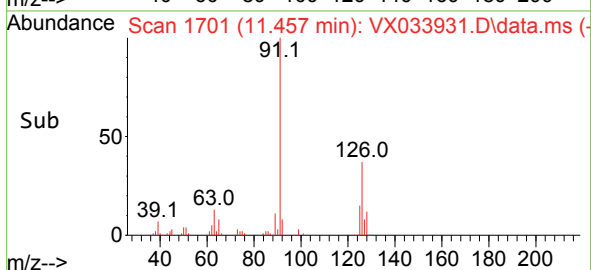
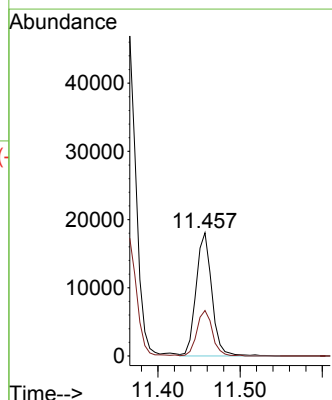
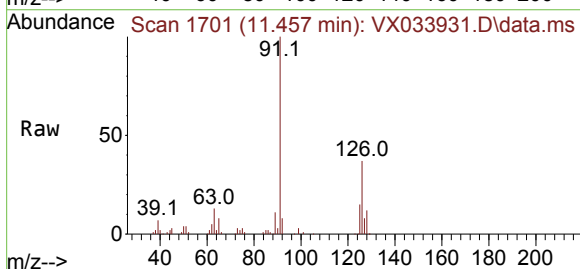
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP-0126

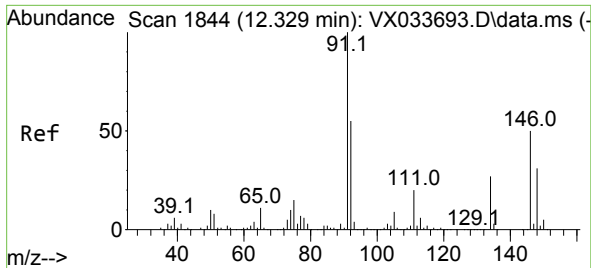
Tgt Ion: 75 Resp: 41812
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 1.893 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033931.D
Acq: 27 Jan 2023 12:42

Tgt Ion: 91 Resp: 24052
Ion Ratio Lower Upper
91 100
126 36.5 15.8 47.4





#89
 n-Butylbenzene
 Concen: 3.374 ug/l
 RT: 12.439 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VX033931.D
 Acq: 27 Jan 2023 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-COMP-0126

Tgt Ion: 91 Resp: 16924
 Ion Ratio Lower Upper
 91 100
 92 78.7 27.5 82.5
 134 0.0 14.3 42.9#

