

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061722\
 Data File : U061722.D
 Acq On : 17 Jun 2022 15:04
 Operator : SY/MD
 Sample : N3285-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	118355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50955	4.536	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.912	69	34702	4.563	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.565	65	20196	4.470	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.639	46	140038	46.688	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.380%	
24) Chloroform-d	5.063	84	80345	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.703	65	45437	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.729	84	158123	4.435	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.693	67	55425	4.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.899	98	145862	4.543	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.182	79	21238	3.950	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.000%	
46) 2-Hexanone-d5	8.635	63	109105	50.309	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.620%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45179	4.663	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	55596	4.722	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	3542	0.294	ug/L	89
5) Vinyl chloride	1.600	62	1969	0.182	ug/L #	1
8) Chloroethane	1.935	64	961	0.154	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	558	0.075	ug/L #	21
13) Acetone	2.649	43	470829	317.164	ug/L	99
14) Carbon disulfide	2.793	76	152824	6.400	ug/L	99
15) Methyl Acetate	2.951	43	40084	10.096	ug/L #	65
16) Methylene chloride	3.044	84	287451	30.225	ug/L	96
19) 1,1-Dichloroethane	3.870	63	276466	17.506	ug/L	96
21) 2-Butanone	4.716	43	243088	85.877	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	943	0.105	ug/L	90
33) Benzene	5.777	78	28190	0.800	ug/L	100
37) 1,2-Dichloropropane	6.693	63	5817	0.601	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	1560	0.106	ug/L #	66
40) 4-Methyl-2-pentanone	7.793	43	229140	31.872	ug/L	99
42) Toluene	7.970	91	205961	5.515	ug/L	100
45) 1,1,2-Trichloroethane	8.353	97	931	0.138	ug/L #	12
48) 2-Hexanone	8.687	43	28377	5.530	ug/L	97
52) Ethylbenzene	9.571	91	31787	0.779	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049246.D
 Acq On : 17 Jun 2022 15:04
 Operator : SY/MD
 Sample : N3285-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

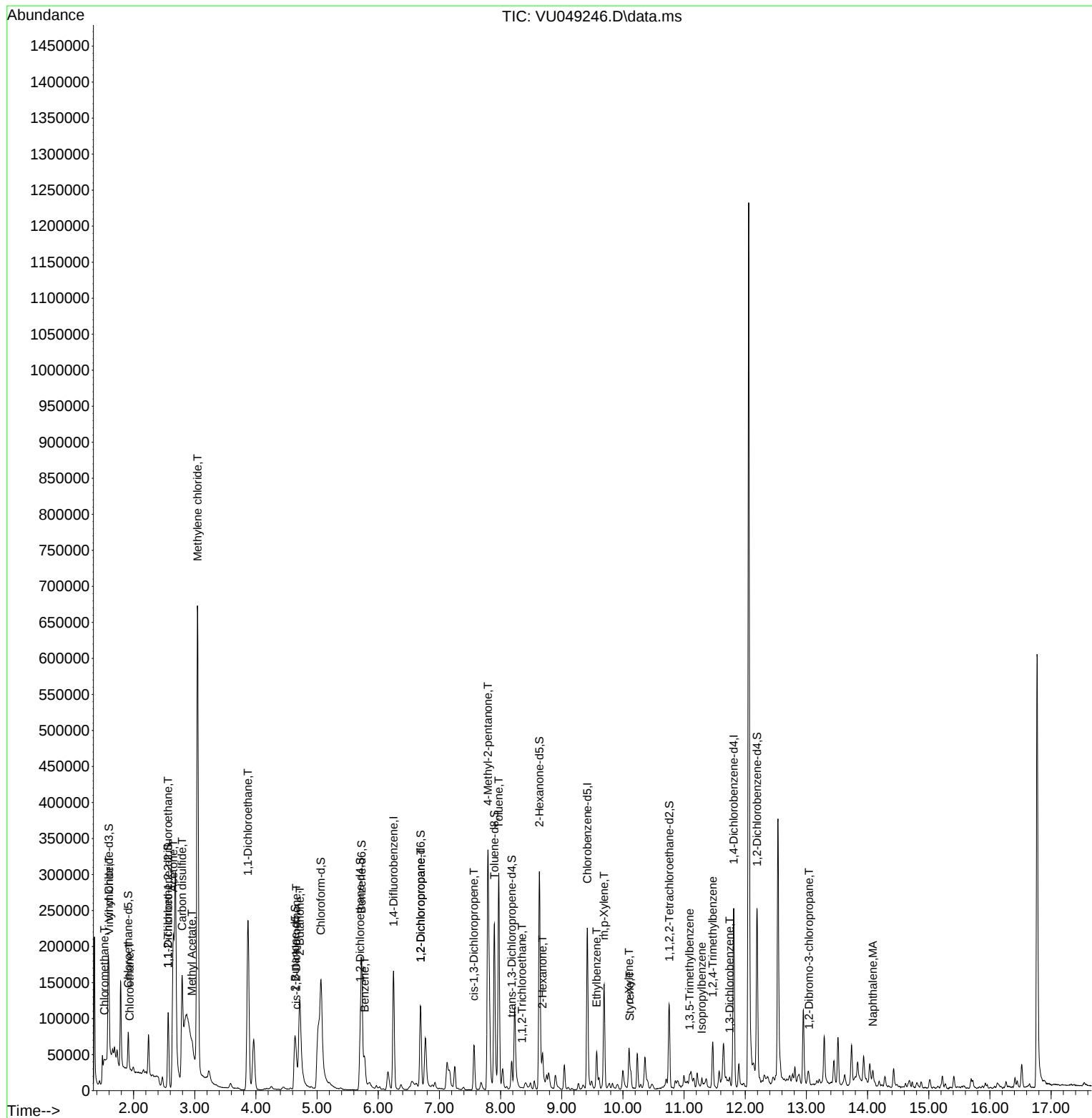
53) m,p-Xylene	9.693	106	38040	2.510	ug/L	96
54) o-Xylene	10.098	106	13569	0.903	ug/L	100
55) Styrene	10.115	104	3612	0.144	ug/L #	62
60) Isopropylbenzene	11.291	105	7060	0.169	ug/L	92
62) 1,3,5-Trimethylbenzene	11.089	105	7925	0.215	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	30279	0.829	ug/L	94
64) 1,3-Dichlorobenzene	11.745	146	1795	0.100	ug/L	91
68) 1,2-Dibromo-3-chloropr...	13.040	75	338	0.180	ug/L #	10
71) Naphthalene	14.089	128	15325	0.723	ug/L	99

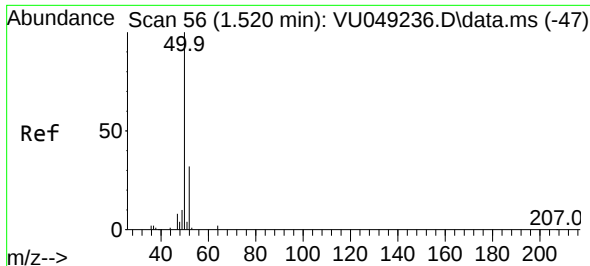
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
Data File : VU049246.D
Acq On : 17 Jun 2022 15:04
Operator : SY/MD
Sample : N3285-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 18 04:13:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 04:11:00 2022
Response via : Initial Calibration

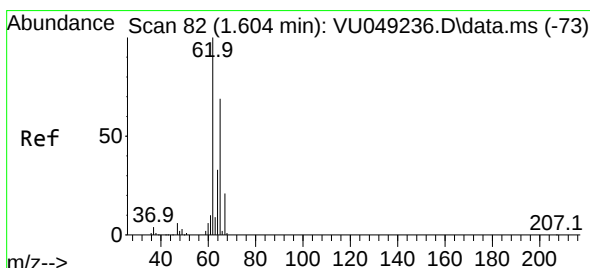
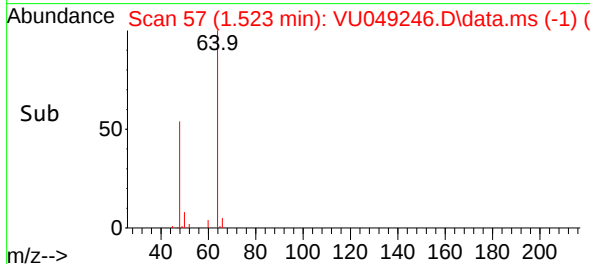
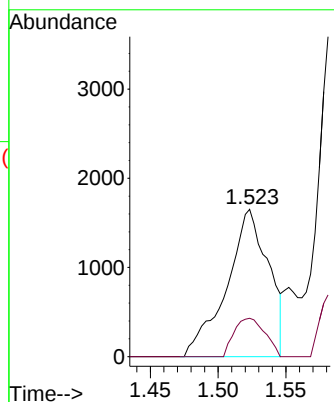
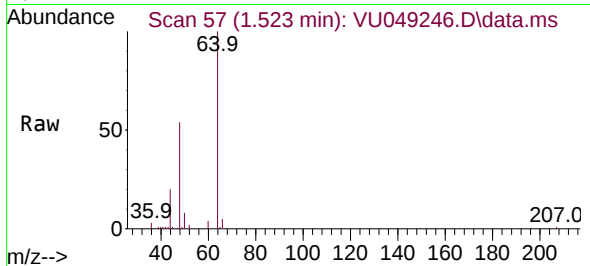




#3
Chloromethane
Concen: 0.294 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

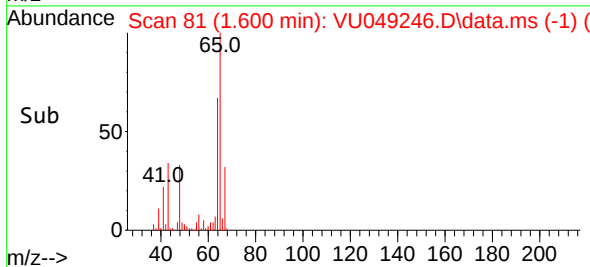
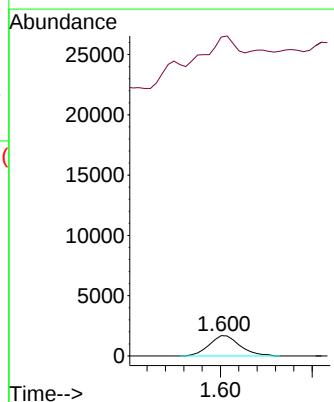
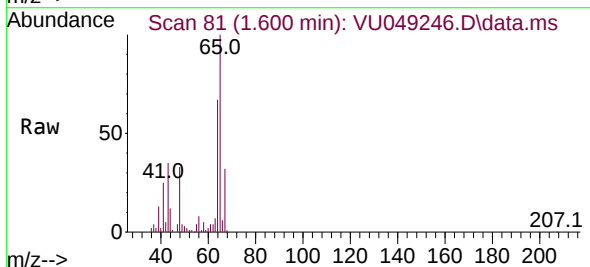
Instrument :
MSVOA_U
ClientSampleId :

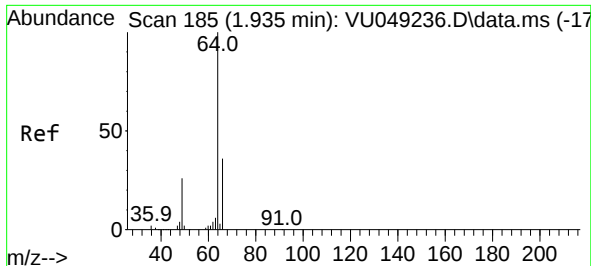
Tgt Ion: 50 Resp: 3542
Ion Ratio Lower Upper
50 100
52 26.1 22.7 42.1



#5
Vinyl chloride
Concen: 0.182 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 62 Resp: 1969
Ion Ratio Lower Upper
62 100
64 1565.0 22.8 42.4#

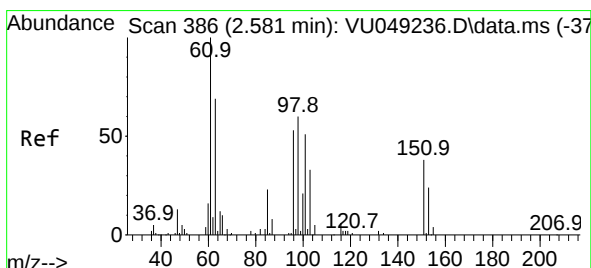
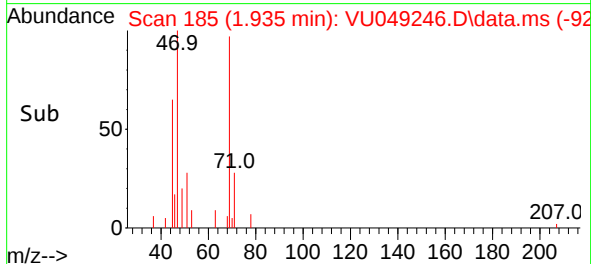
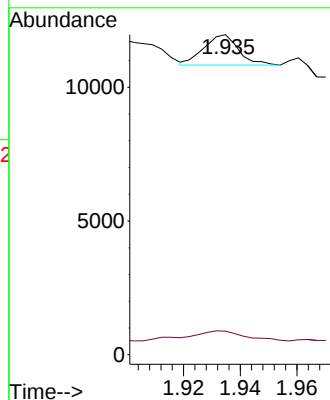
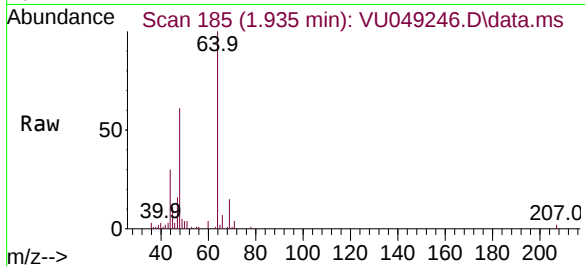




#8
Chloroethane
Concen: 0.154 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

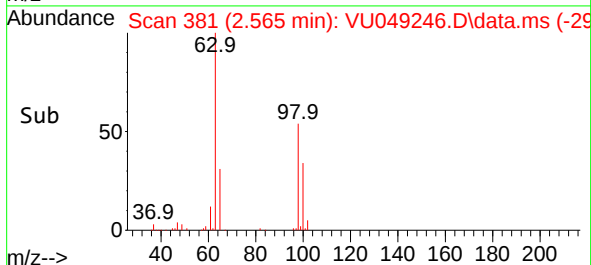
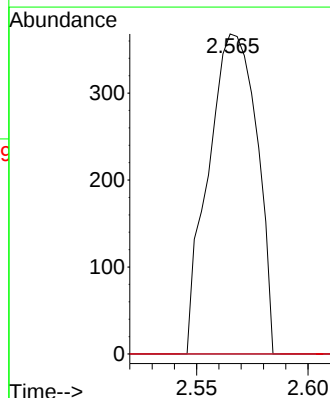
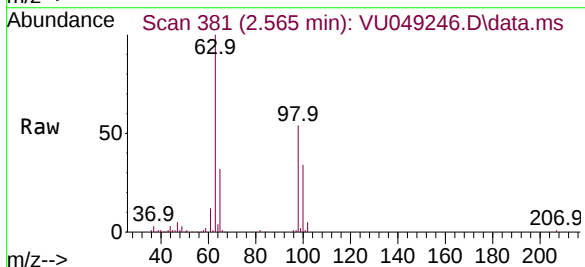
Instrument :
MSVOA_U
ClientSampleId :

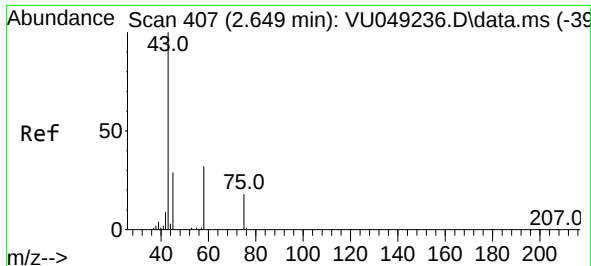
Tgt Ion: 64 Resp: 961
Ion Ratio Lower Upper
64 100
66 7.3 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 101 Resp: 558
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#

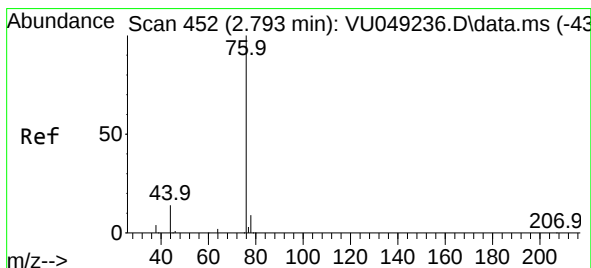
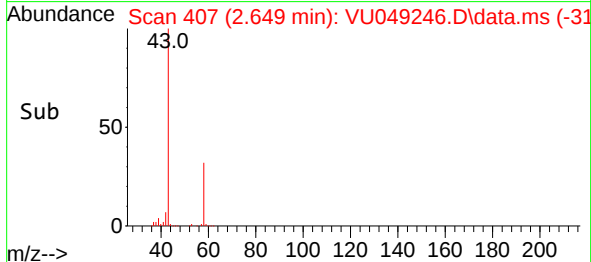
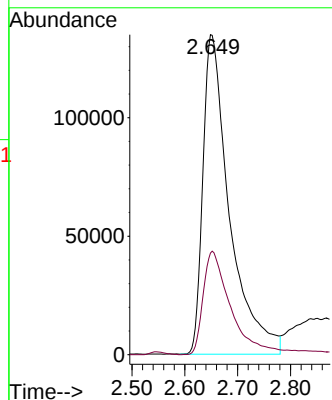
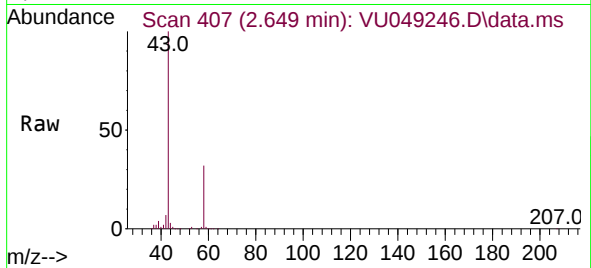




#13
Acetone
Concen: 317.164 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

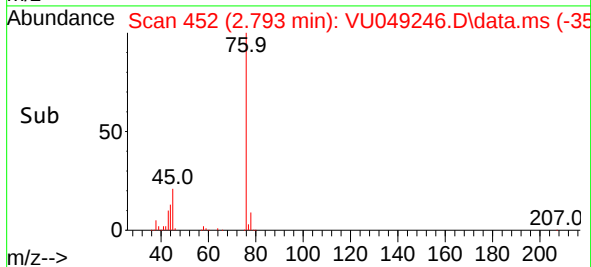
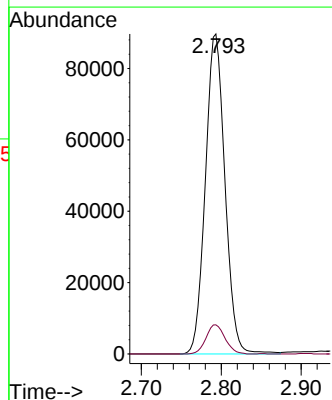
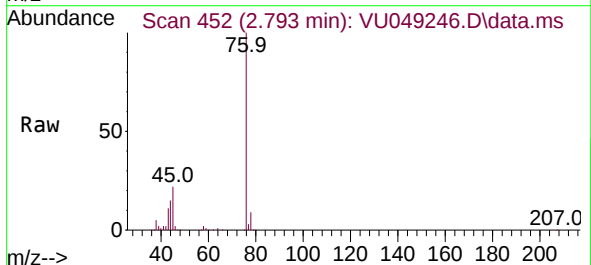
Instrument :
MSVOA_U
ClientSampleId :

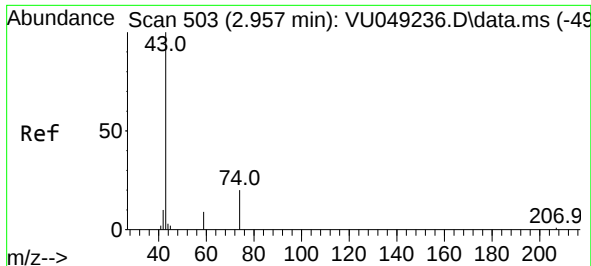
Tgt Ion: 43 Resp: 470829
Ion Ratio Lower Upper
43 100
58 33.5 0.0 65.8



#14
Carbon disulfide
Concen: 6.400 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

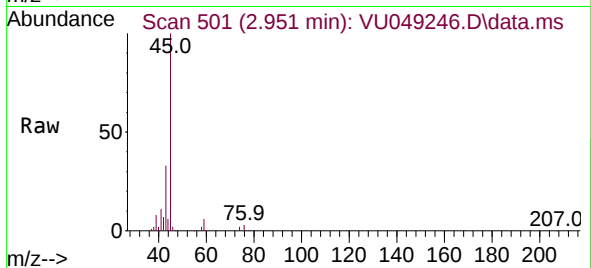
Tgt Ion: 76 Resp: 152824
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



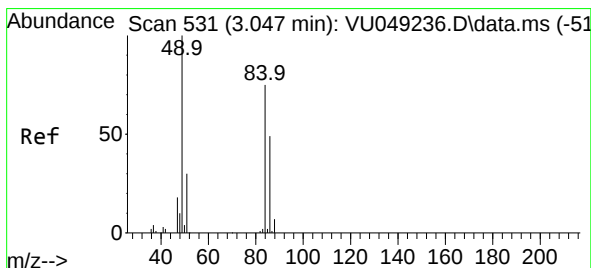
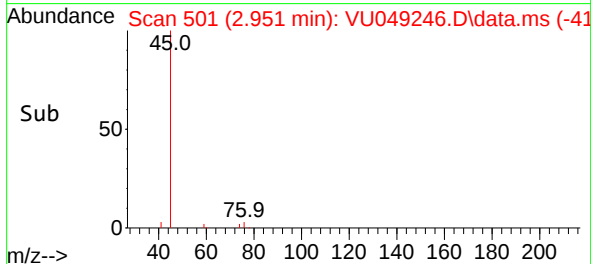
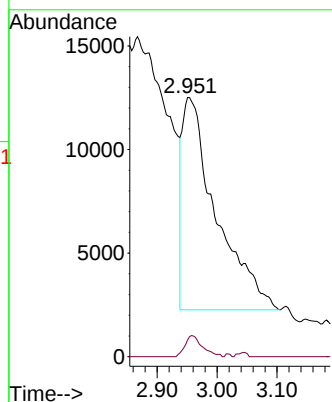


#15
Methyl Acetate
Concen: 10.096 ug/L
RT: 2.951 min Scan# 50
Delta R.T. -0.007 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Instrument :
MSVOA_U
ClientSampleId :

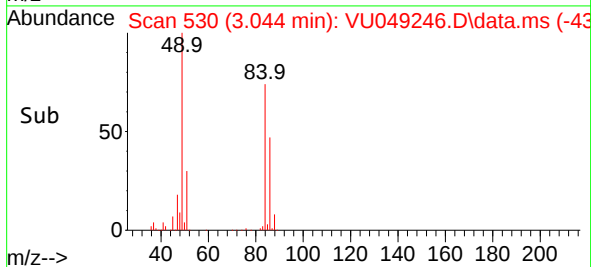
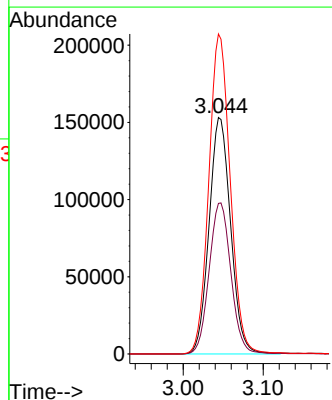
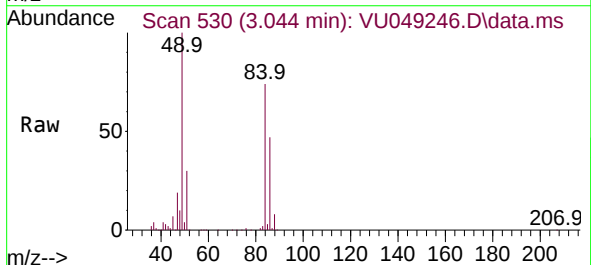


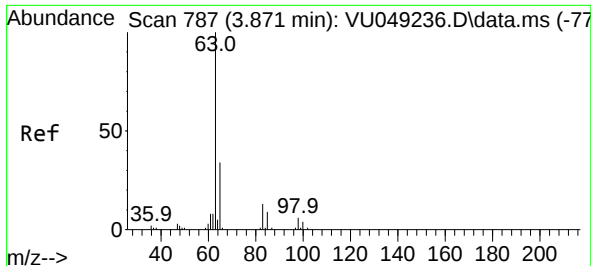
Tgt Ion: 43 Resp: 40084
Ion Ratio Lower Upper
43 100
74 5.1 17.6 26.4#



#16
Methylene chloride
Concen: 30.225 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 84 Resp: 287451
Ion Ratio Lower Upper
84 100
86 63.7 43.6 81.0
49 135.3 90.2 167.6





#19

1,1-Dichloroethane

Concen: 17.506 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049246.D

Acq: 17 Jun 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

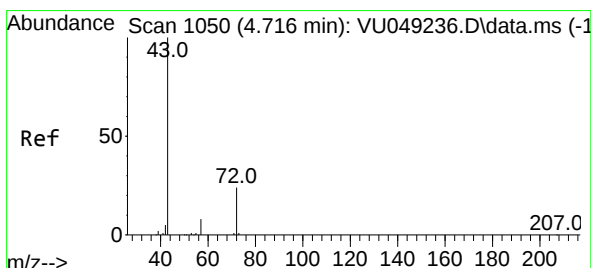
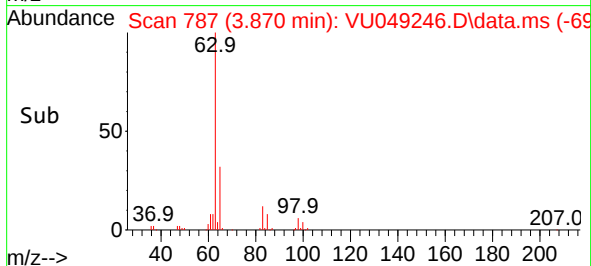
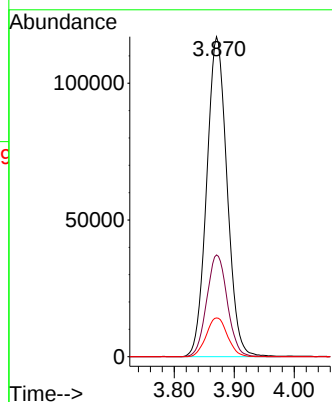
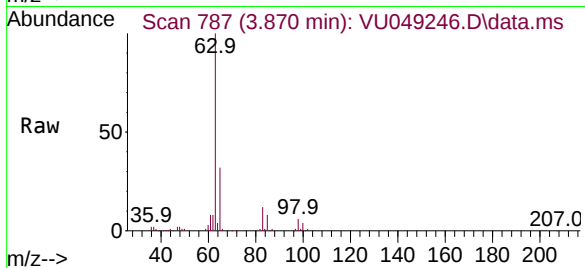
Tgt Ion: 63 Resp: 276466

Ion Ratio Lower Upper

63 100

65 31.8 24.0 44.6

83 12.1 9.1 16.9



#21

2-Butanone

Concen: 85.877 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VU049246.D

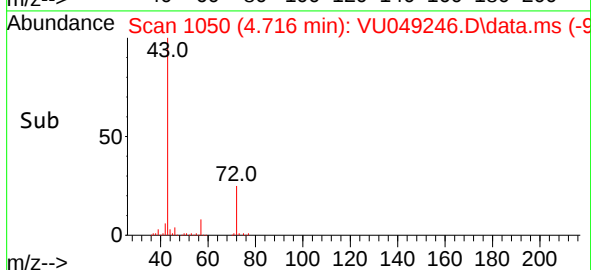
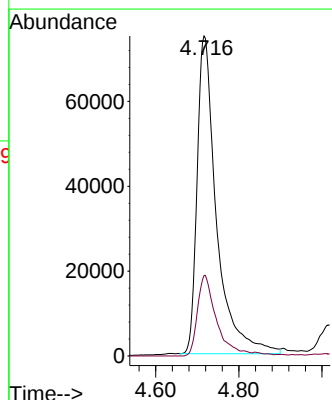
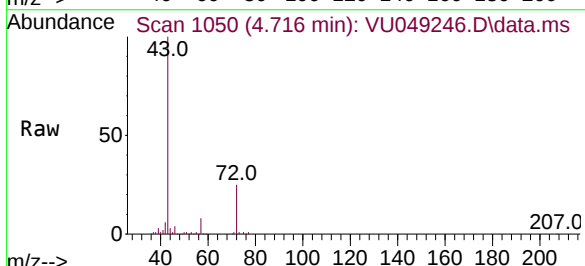
Acq: 17 Jun 2022 15:04

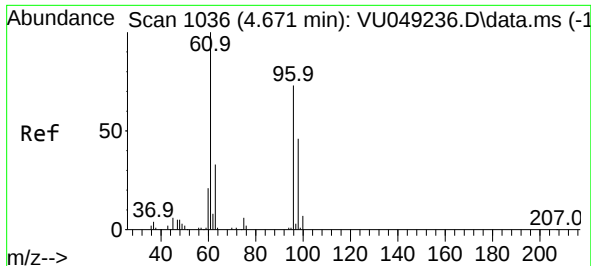
Tgt Ion: 43 Resp: 243088

Ion Ratio Lower Upper

43 100

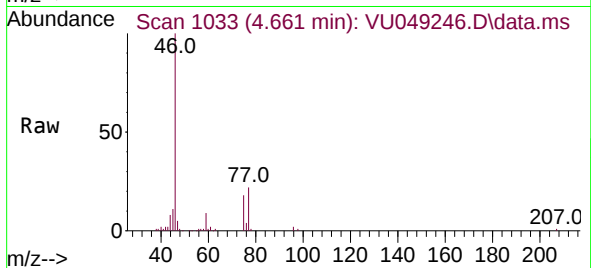
72 24.1 12.2 36.6





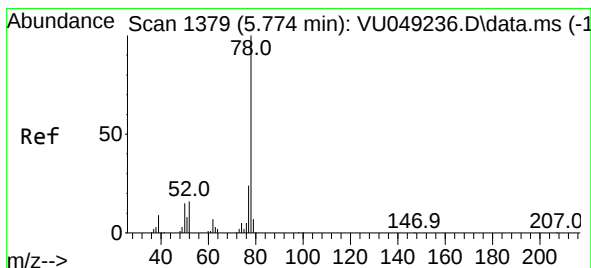
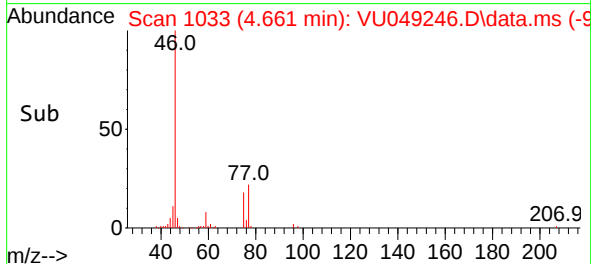
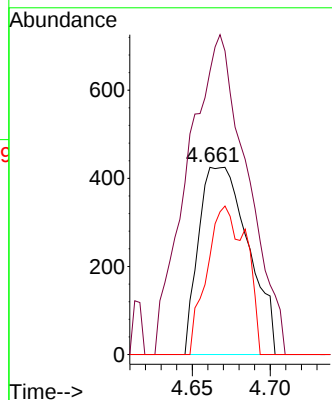
#22
 cis-1,2-Dichloroethene
 Concen: 0.105 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.010 min
 Lab File: VU049246.D
 Acq: 17 Jun 2022 15:04

Instrument :
 MSVOA_U
 ClientSampleId :



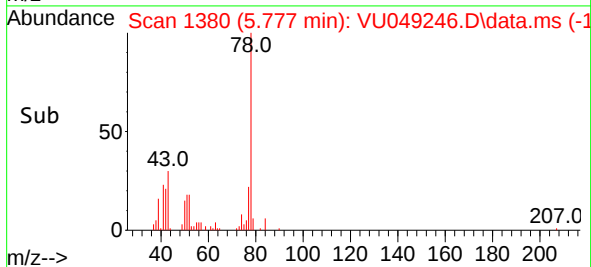
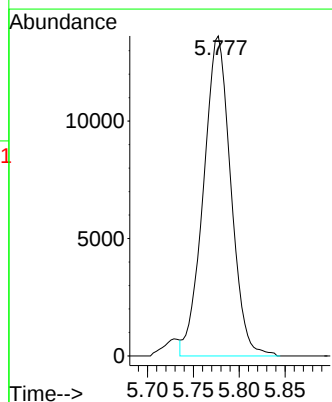
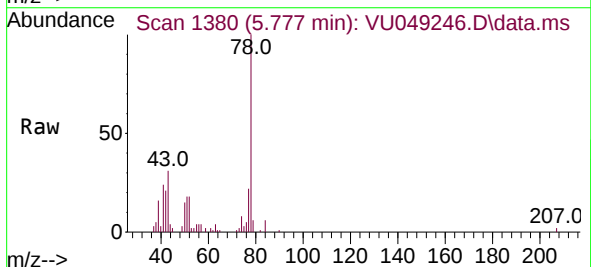
Tgt Ion: 96 Resp: 943

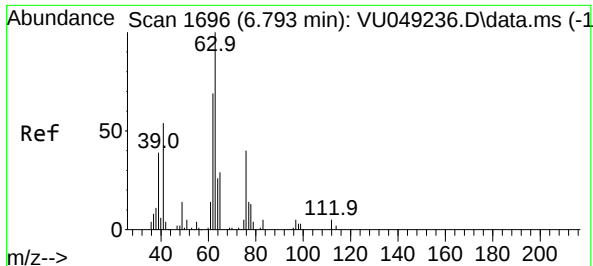
Ion	Ratio	Lower	Upper
96	100		
61	151.3	99.5	184.9
98	52.5	44.8	83.2



#33
 Benzene
 Concen: 0.800 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. 0.003 min
 Lab File: VU049246.D
 Acq: 17 Jun 2022 15:04

Tgt Ion: 78 Resp: 28190

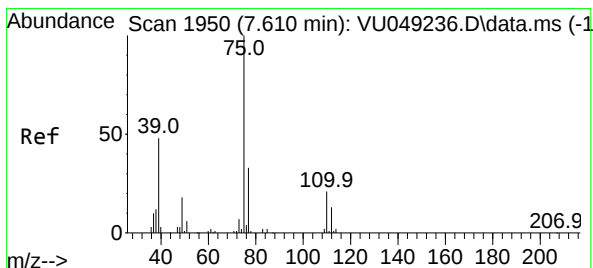
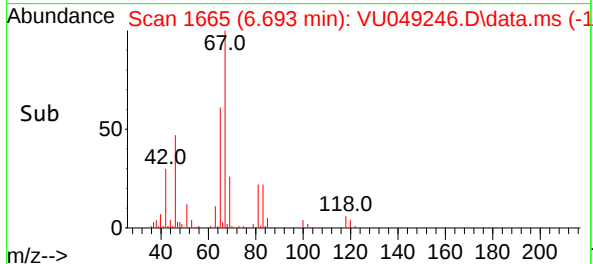
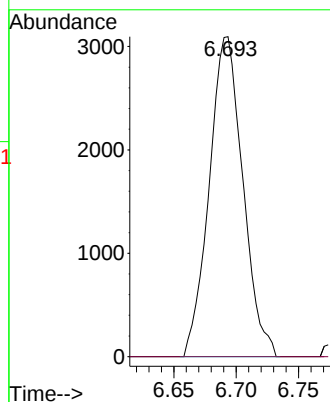
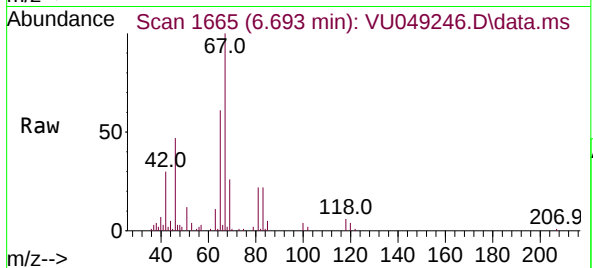




#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

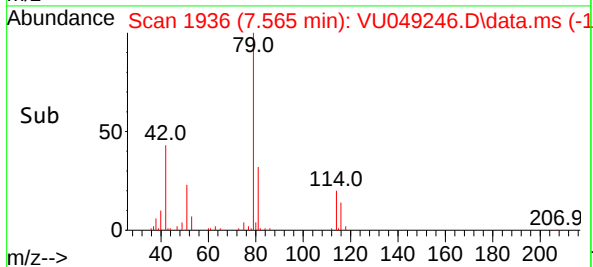
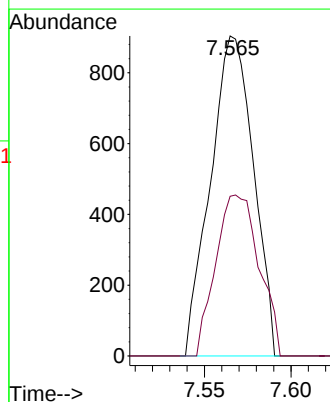
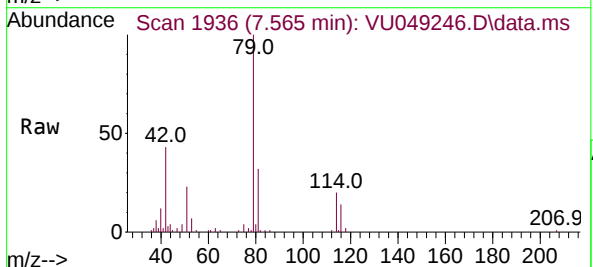
Instrument :
MSVOA_U
ClientSampleId :

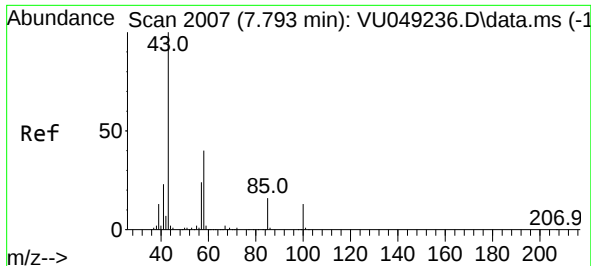
Tgt Ion: 63 Resp: 5817
Ion Ratio Lower Upper
63 100
112 3.5 2.8 4.2



#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 75 Resp: 1560
Ion Ratio Lower Upper
75 100
77 49.9 21.8 40.4#





#40

4-Methyl-2-pentanone

Concen: 31.872 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049246.D

Acq: 17 Jun 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

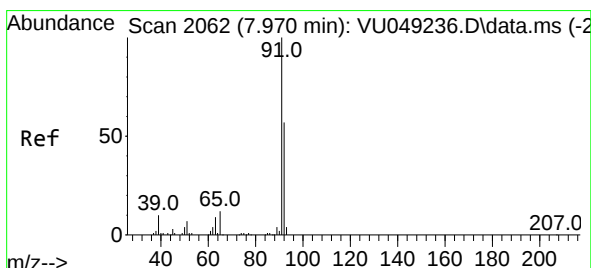
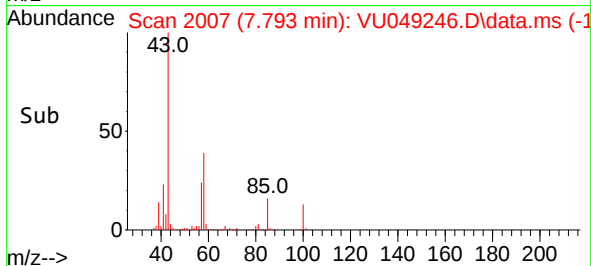
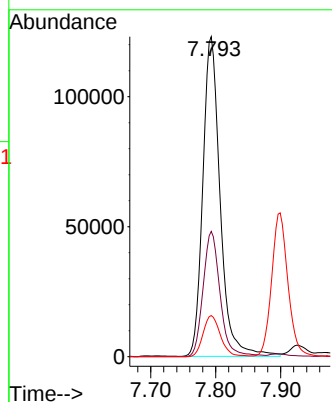
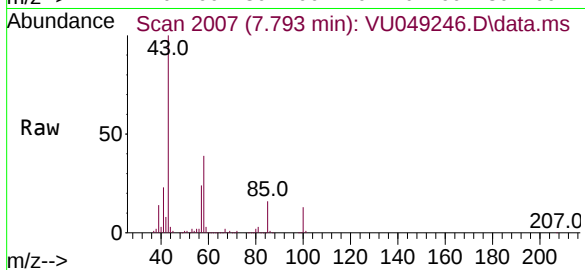
Tgt Ion: 43 Resp: 229140

Ion Ratio Lower Upper

43 100

58 38.5 31.4 47.2

100 12.9 10.5 15.7



#42

Toluene

Concen: 5.515 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049246.D

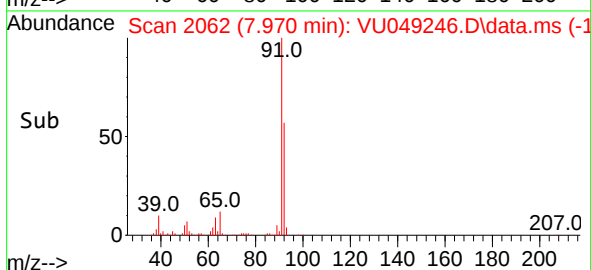
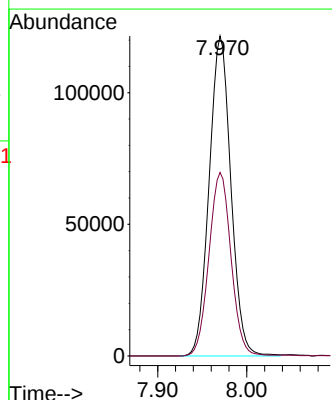
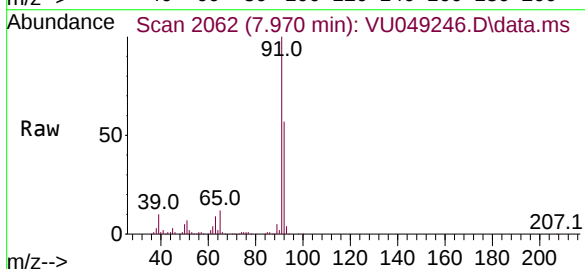
Acq: 17 Jun 2022 15:04

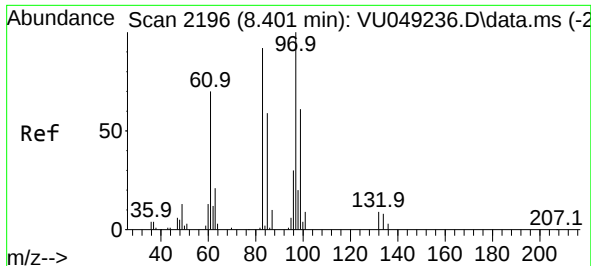
Tgt Ion: 91 Resp: 205961

Ion Ratio Lower Upper

91 100

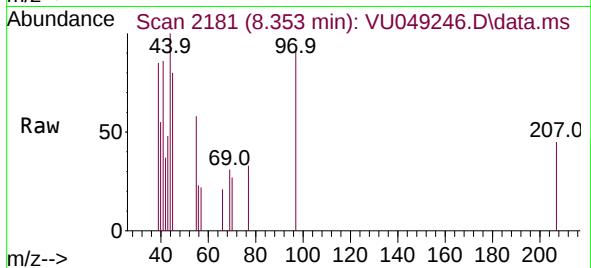
92 57.4 40.0 74.2



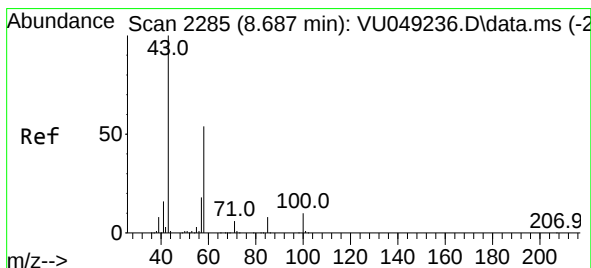
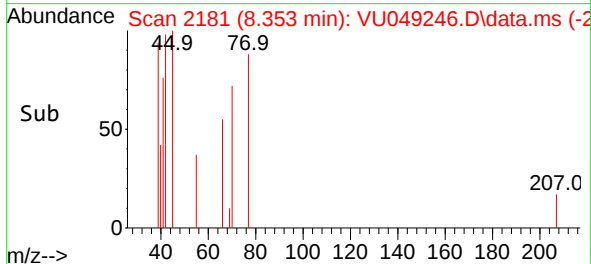
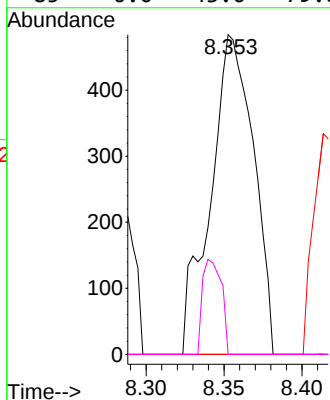


#45
1,1,2-Trichloroethane
Concen: 0.138 ug/L
RT: 8.353 min Scan# 2196
Delta R.T. -0.048 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Instrument :
MSVOA_U
ClientSampleId :

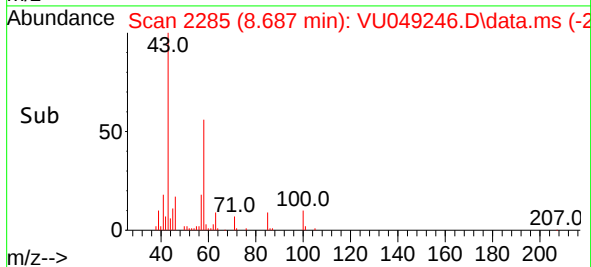
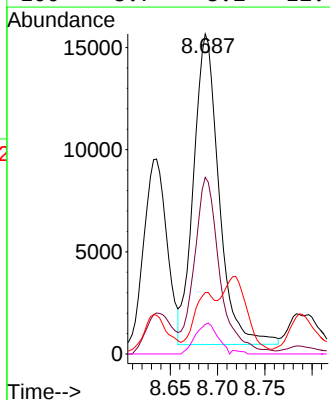
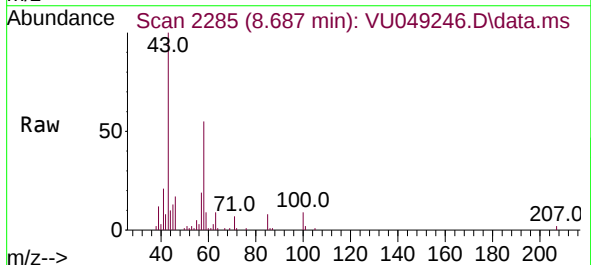


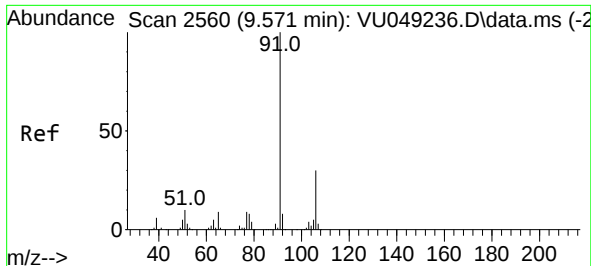
Tgt Ion: 97 Resp: 931
Ion Ratio Lower Upper
97 100
99 0.0 45.6 84.8#
83 0.0 65.4 121.4#
85 0.0 43.0 79.8#



#48
2-Hexanone
Concen: 5.530 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 43 Resp: 28377
Ion Ratio Lower Upper
43 100
58 56.0 43.4 65.0
57 16.3 14.9 22.3
100 8.7 8.2 12.4

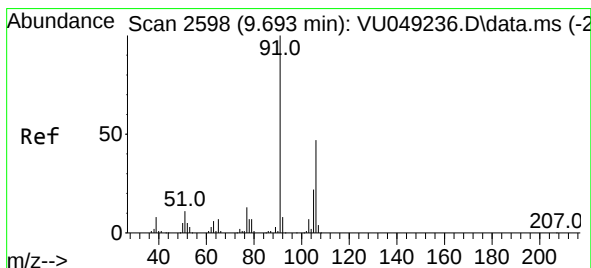
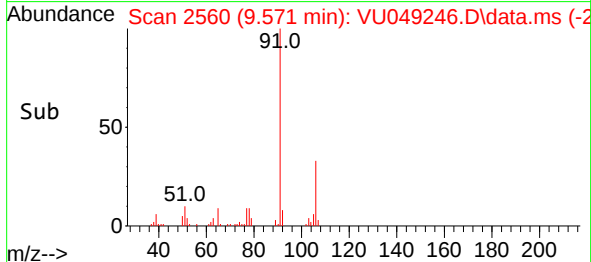
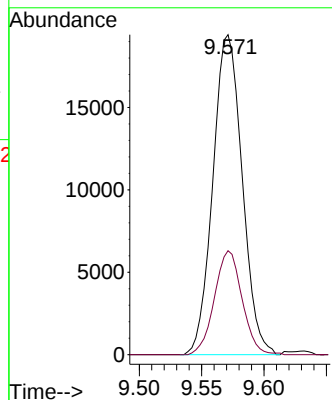
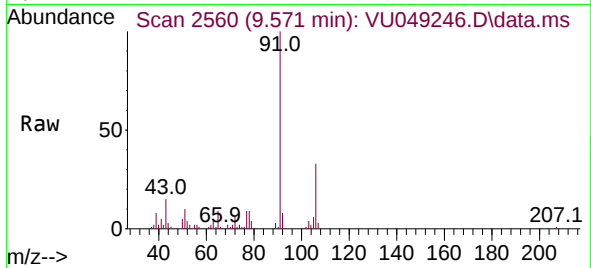




#52
Ethylbenzene
Concen: 0.779 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

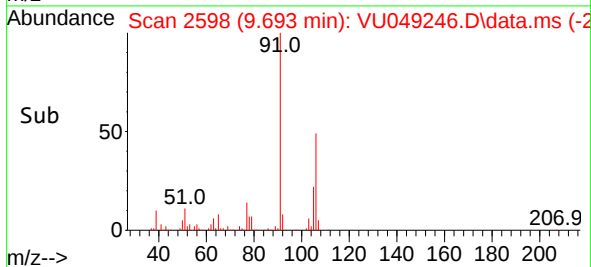
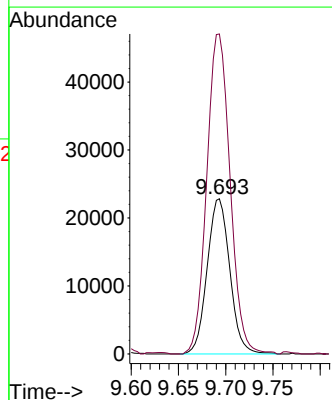
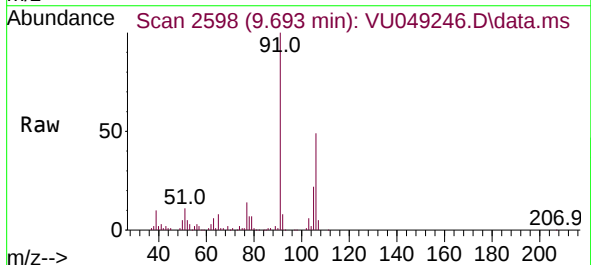
Instrument :
MSVOA_U
ClientSampleId :

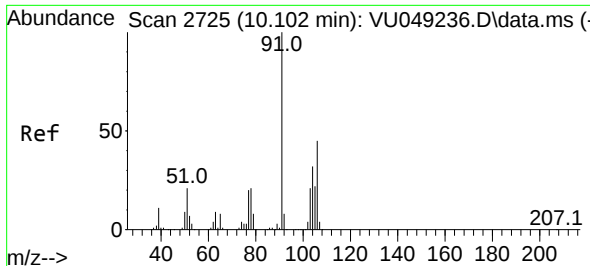
Tgt Ion: 91 Resp: 31787
Ion Ratio Lower Upper
91 100
106 32.5 21.2 39.4



#53
m,p-Xylene
Concen: 2.510 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 106 Resp: 38040
Ion Ratio Lower Upper
106 100
91 206.1 148.5 275.7

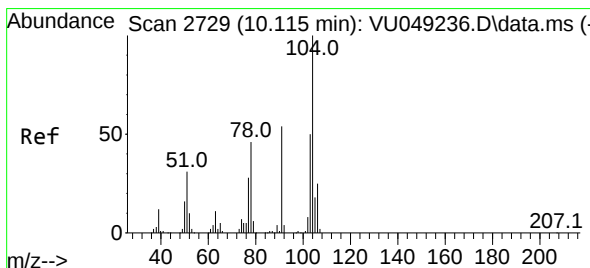
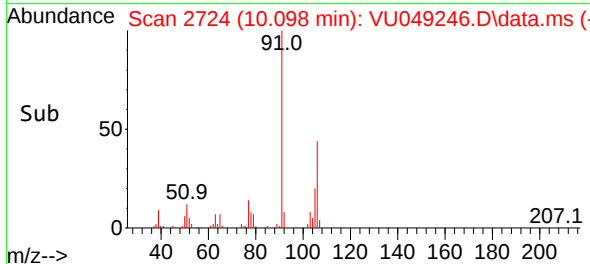
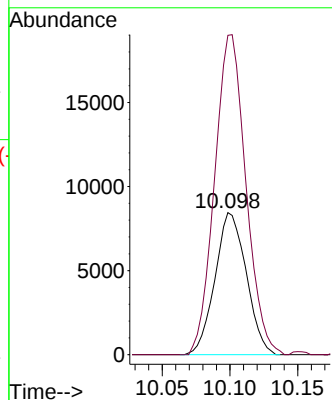
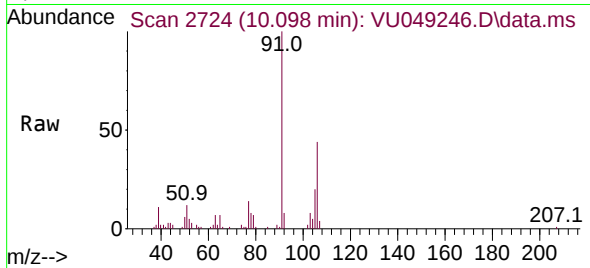




#54
o-Xylene
Concen: 0.903 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

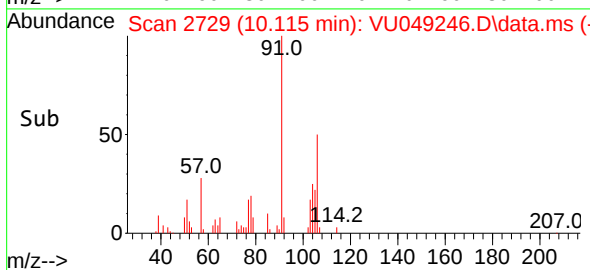
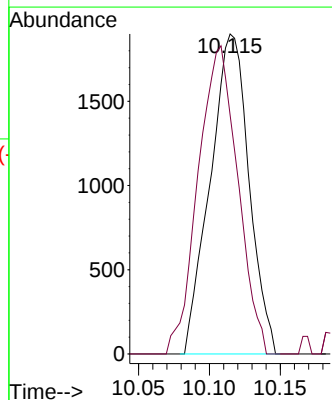
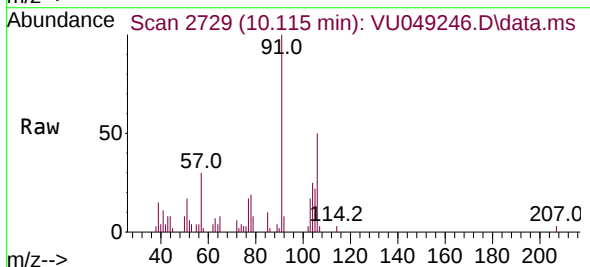
Instrument :
MSVOA_U
ClientSampleId :

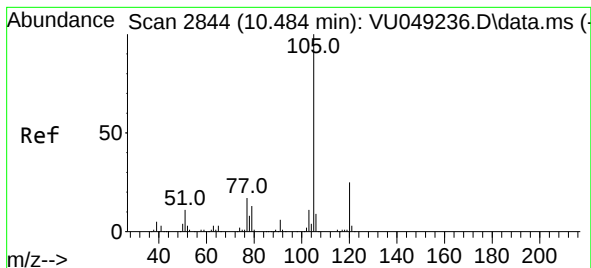
Tgt Ion:106 Resp: 13569
Ion Ratio Lower Upper
106 100
91 224.9 157.5 292.5



#55
Styrene
Concen: 0.144 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion:104 Resp: 3612
Ion Ratio Lower Upper
104 100
78 74.6 34.1 63.3#





#60

Isopropylbenzene

Concen: 0.169 ug/L

RT: 11.291 min Scan# 3095

Delta R.T. 0.807 min

Lab File: VU049246.D

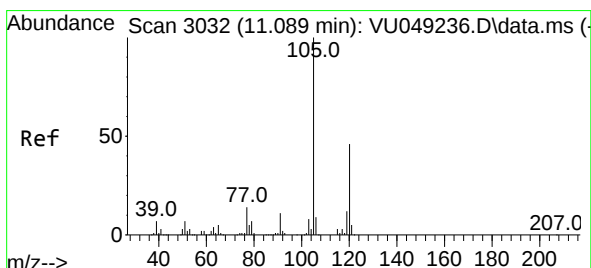
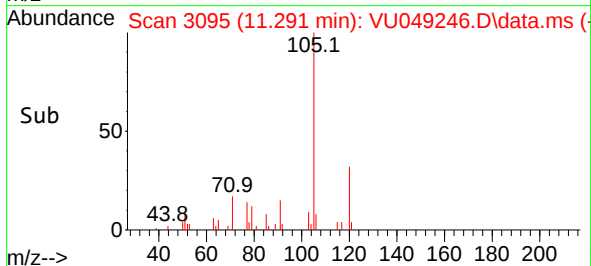
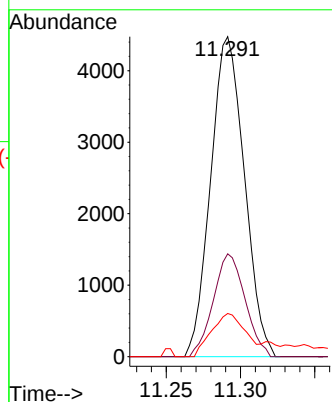
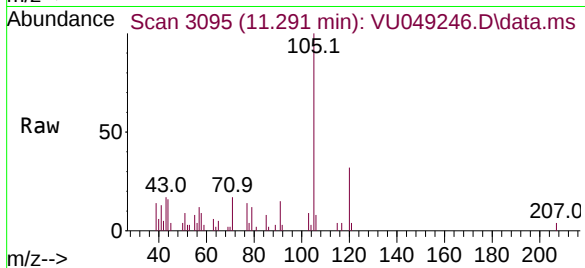
Acq: 17 Jun 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	7060
Ion Ratio	Lower	Upper
105	100	
120	30.3	20.3 30.5
77	14.0	13.0 19.6



#62

1,3,5-Trimethylbenzene

Concen: 0.215 ug/L

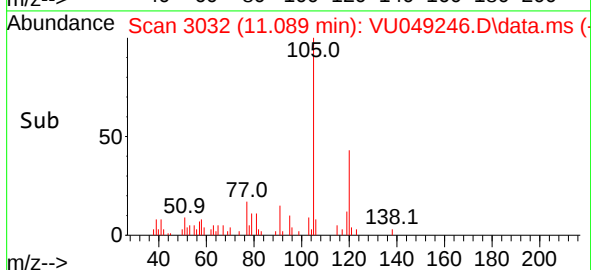
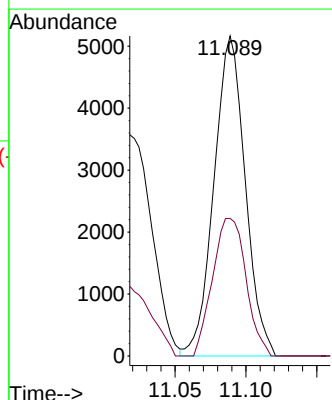
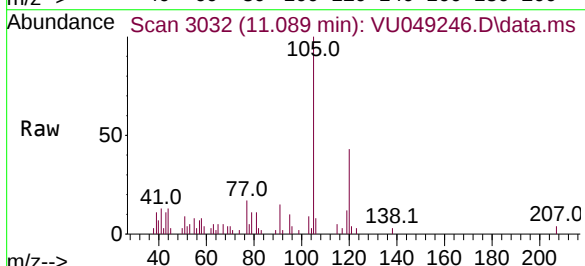
RT: 11.089 min Scan# 3032

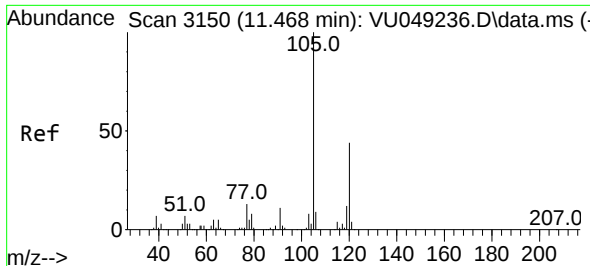
Delta R.T. -0.000 min

Lab File: VU049246.D

Acq: 17 Jun 2022 15:04

Tgt Ion:105	Resp:	7925
Ion Ratio	Lower	Upper
105	100	
120	46.0	37.8 56.6

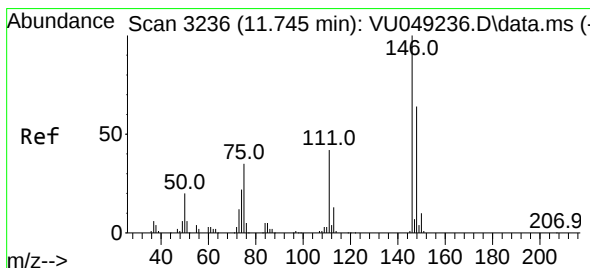
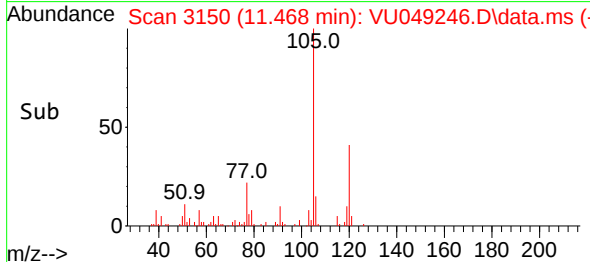
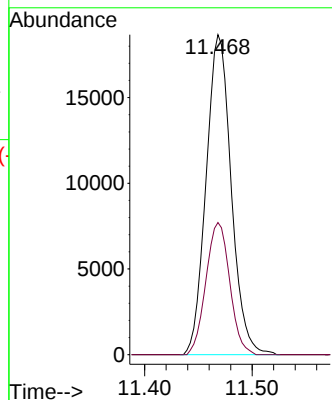
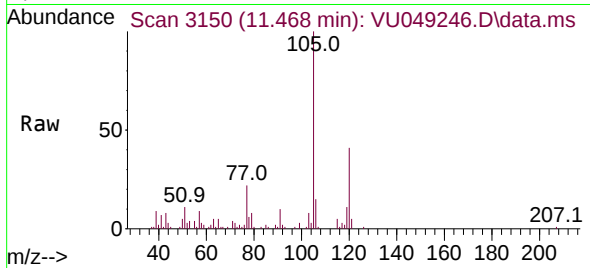




#63
1,2,4-Trimethylbenzene
Concen: 0.829 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

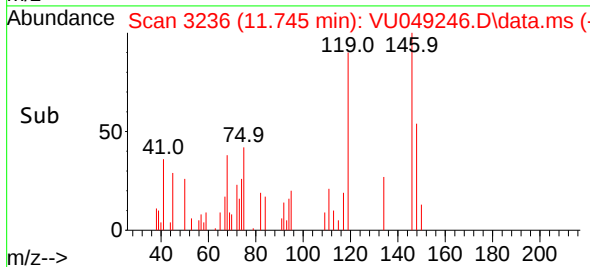
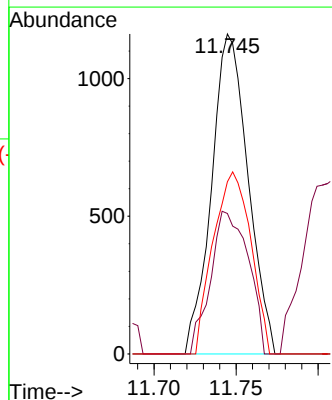
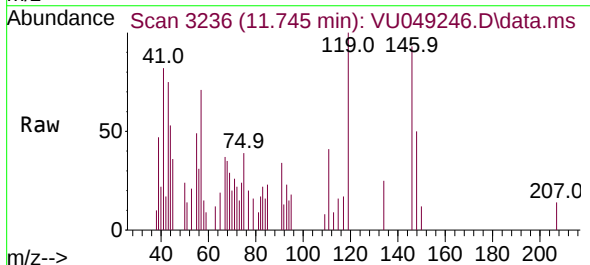
Instrument :
MSVOA_U
ClientSampleId :

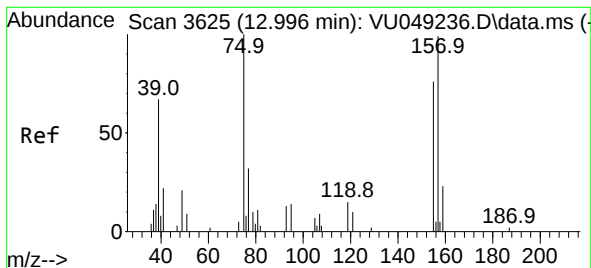
Tgt Ion:105 Resp: 30279
Ion Ratio Lower Upper
105 100
120 39.1 34.6 52.0



#64
1,3-Dichlorobenzene
Concen: 0.100 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion:146 Resp: 1795
Ion Ratio Lower Upper
146 100
111 43.9 30.9 57.5
148 53.8 46.1 85.7

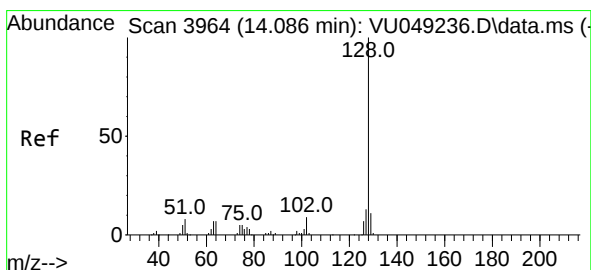
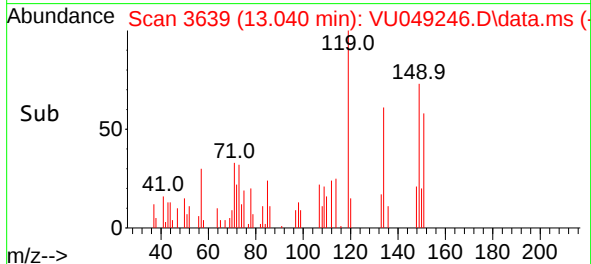
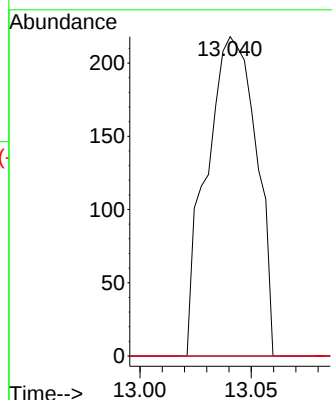
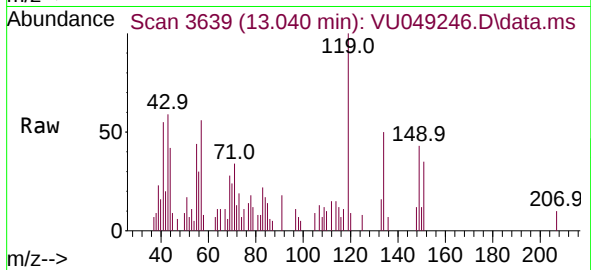




#68
1,2-Dibromo-3-chloropropane
Concen: 0.180 ug/L
RT: 13.040 min Scan# 3639
Delta R.T. 0.045 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 338
Ion Ratio Lower Upper
75 100
155 0.0 52.0 78.0#
157 0.0 71.4 107.2#



#71
Naphthalene
Concen: 0.723 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 128 Resp: 15325
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 13.0 10.2 15.4

