

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047347.D
 Acq On : 04 Mar 2022 22:13
 Operator : SY/MD
 Sample : N1810-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD97

Quant Time: Mar 04 23:26:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

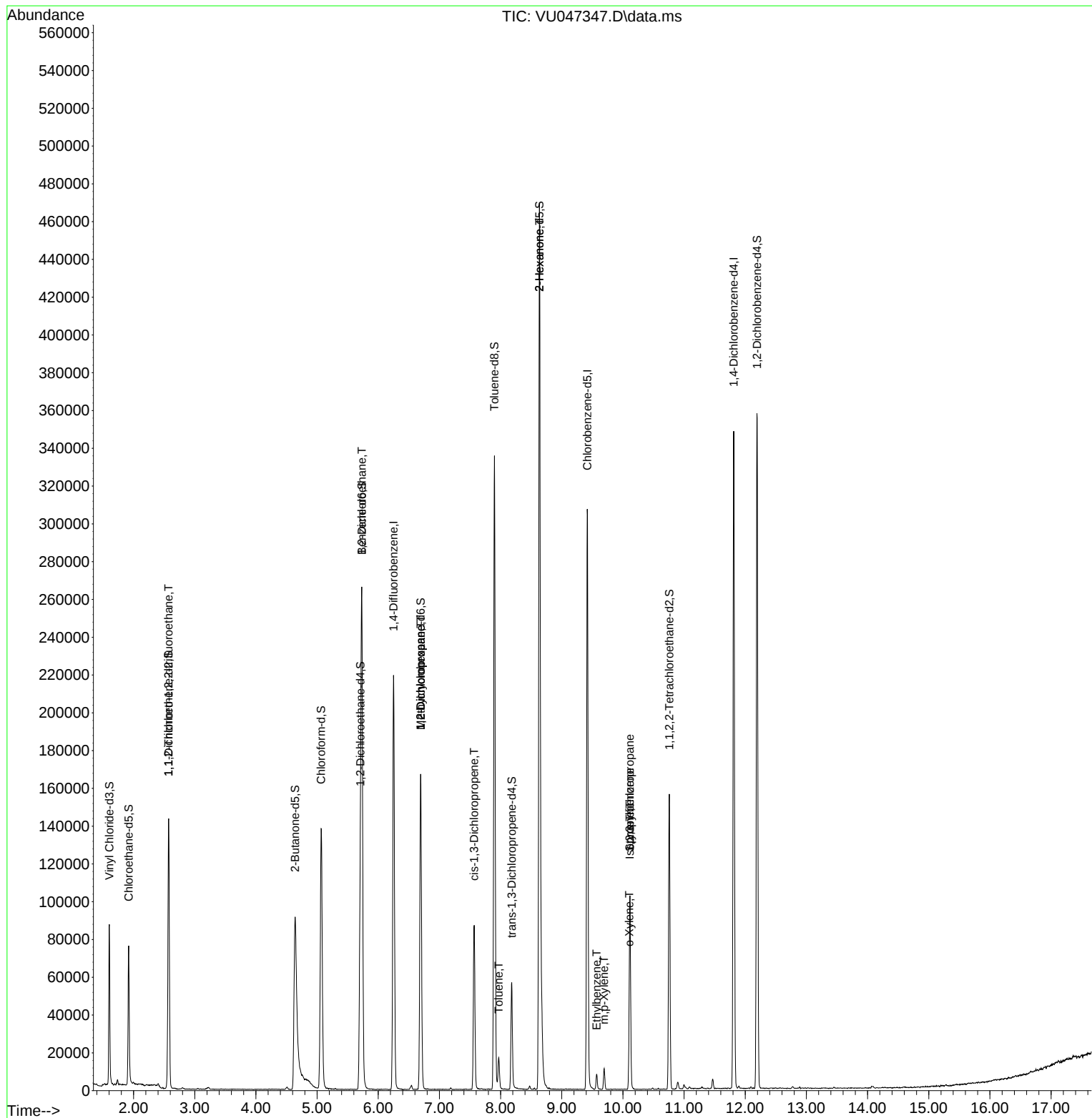
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	187965	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	180822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61953	4.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.919	69	55966	5.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.571	65	25682	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.642	46	191253	43.668	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.340%
24) Chloroform-d	5.067	84	123246	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.706	65	70492	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.732	84	251641	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.693	67	81050	5.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.899	98	227510	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.182	79	31622	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.636	63	190956	48.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	76129	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	98533	5.137	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	730	0.081	ug/L #	21
27) 1,2-Dichloroethane	5.732	62	1236	0.101	ug/L #	73
35) Methylcyclohexane	6.693	83	18826	1.145	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	8721	0.862	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2170	0.135	ug/L #	69
42) Toluene	7.970	91	11981	0.271	ug/L	98
48) 2-Hexanone	8.636	43	21696	3.810	ug/L #	65
52) Ethylbenzene	9.571	91	6124	0.129	ug/L	98
53) m,p-Xylene	9.693	106	3155	0.168	ug/L	97
54) o-Xylene	10.102	106	2086	0.115	ug/L	97
55) Styrene	10.115	104	49368	1.606	ug/L	94
60) Isopropylbenzene	10.111	105	5237	0.119	ug/L #	1
61) 1,2,3-Trichloropropane	10.115	75	2053	0.253	ug/L #	1

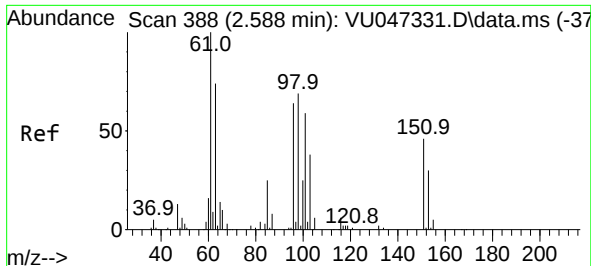
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.571 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU047347.D

Acq: 04 Mar 2022 22:13

Instrument :

MSVOA_U

ClientSampleId :

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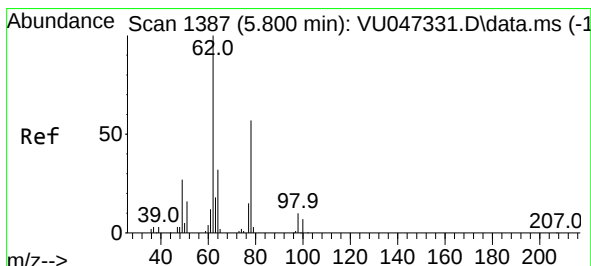
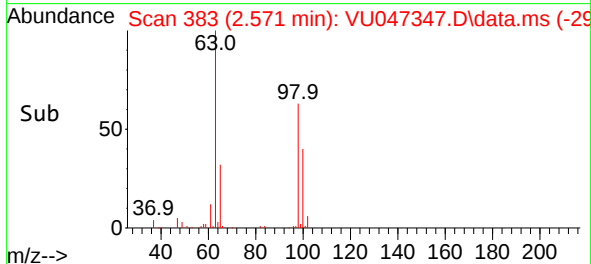
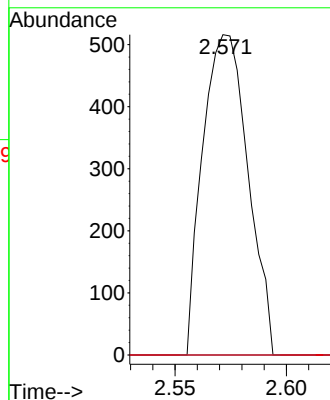
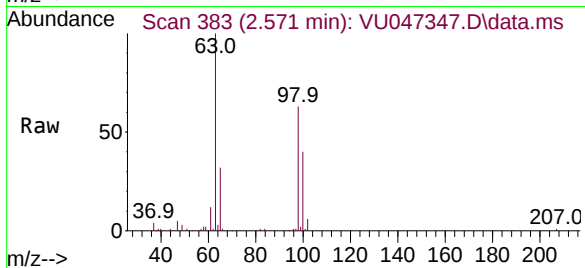
Tgt Ion:101 Resp: 730

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.068 min

Lab File: VU047347.D

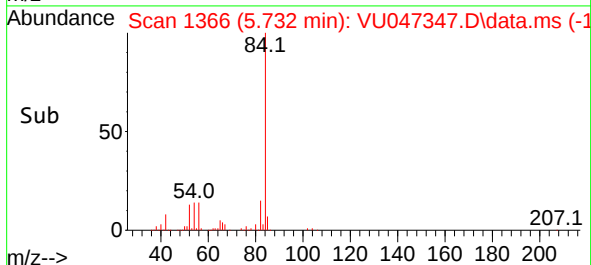
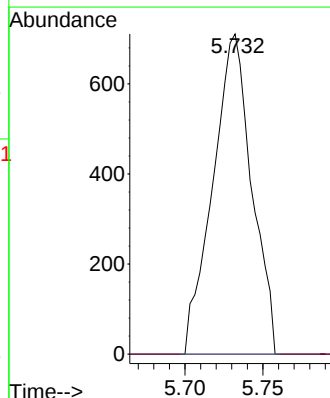
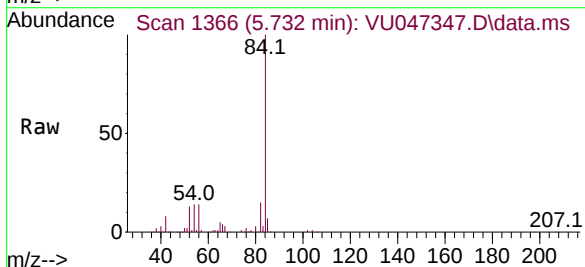
Acq: 04 Mar 2022 22:13

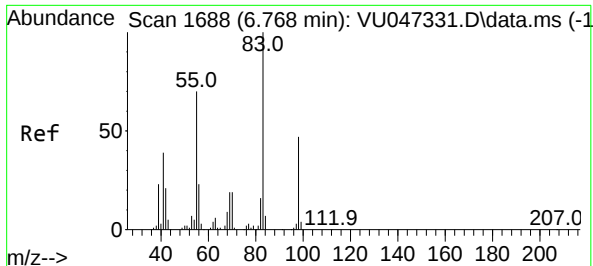
Tgt Ion: 62 Resp: 1236

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#

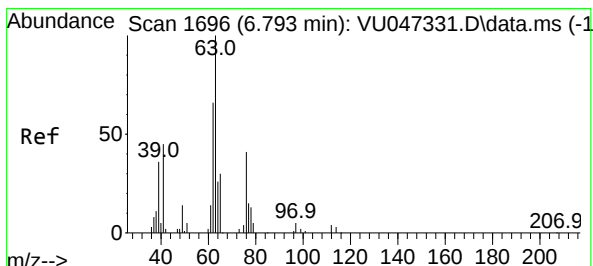
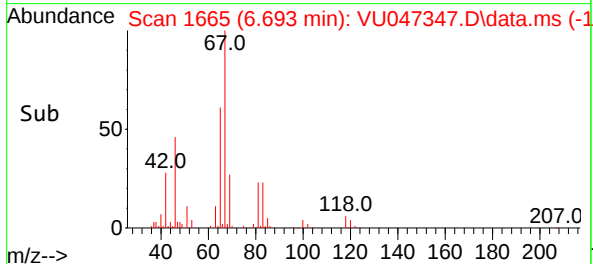
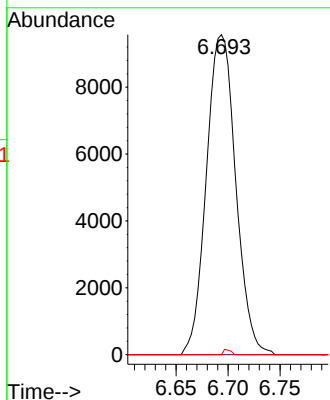
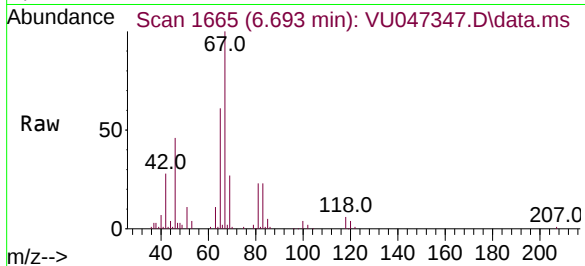




#35
Methylcyclohexane
Concen: 1.145 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047347.D
Acq: 04 Mar 2022 22:13

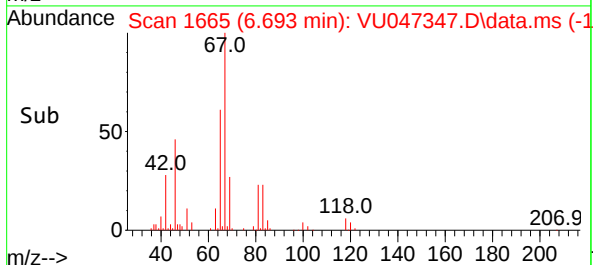
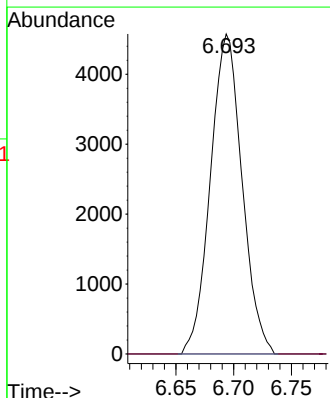
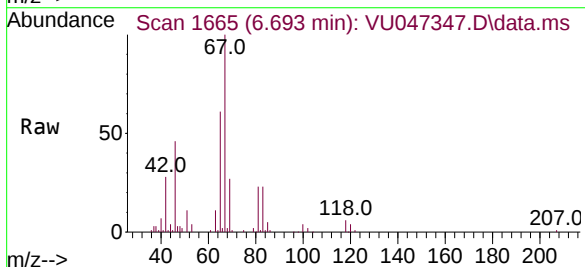
Instrument :
MSVOA_U
ClientSampleId :
GBD97

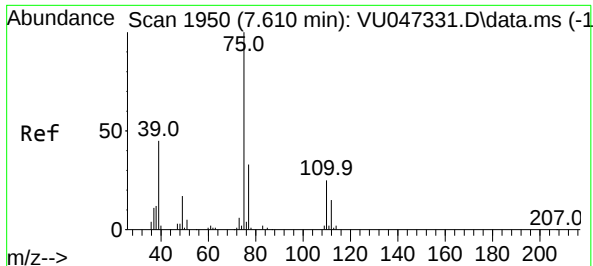
Tgt Ion: 83 Resp: 18826
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.862 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047347.D
Acq: 04 Mar 2022 22:13

Tgt Ion: 63 Resp: 8721
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047347.D

Acq: 04 Mar 2022 22:13

Instrument :

MSVOA_U

ClientSampleId :

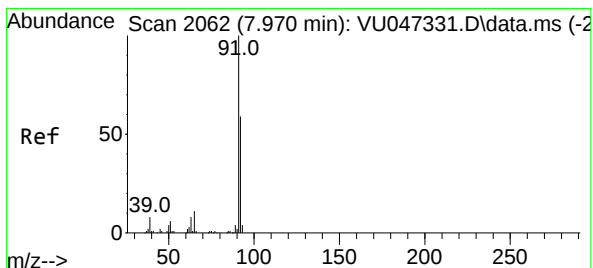
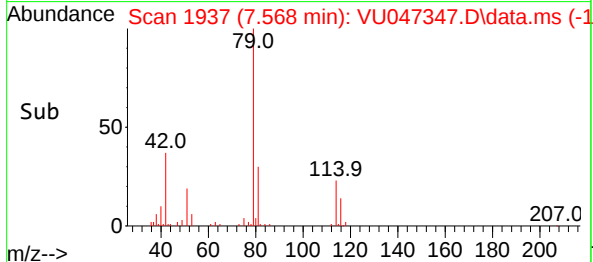
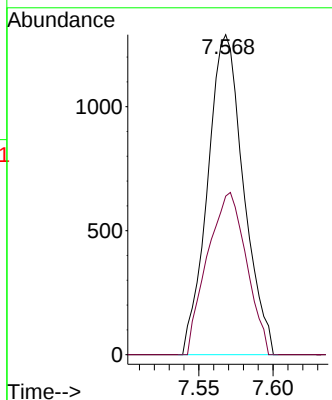
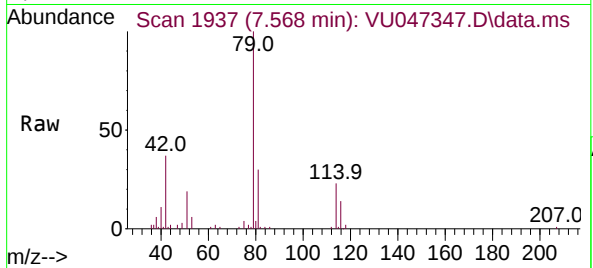
GBD97

Tgt Ion: 75 Resp: 2170

Ion Ratio Lower Upper

75 100

77 49.5 22.5 41.9#



#42

Toluene

Concen: 0.271 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047347.D

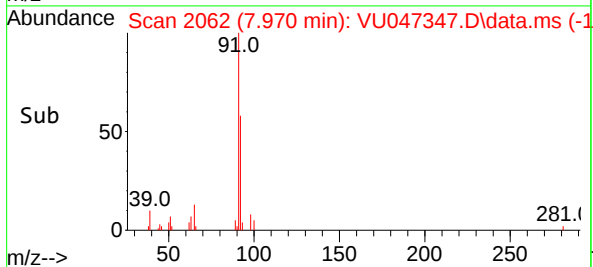
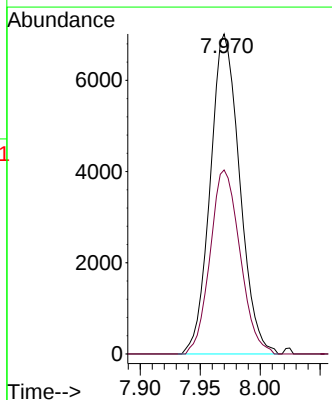
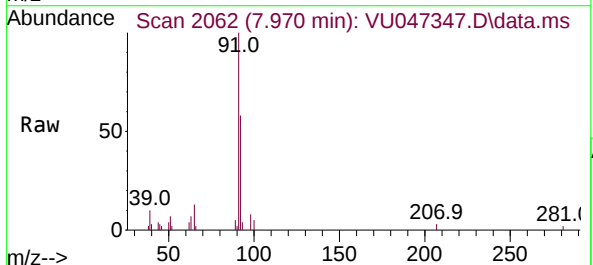
Acq: 04 Mar 2022 22:13

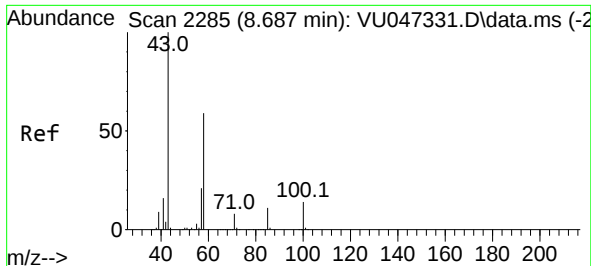
Tgt Ion: 91 Resp: 11981

Ion Ratio Lower Upper

91 100

92 57.5 41.3 76.7

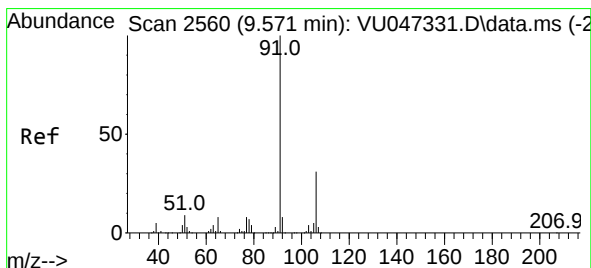
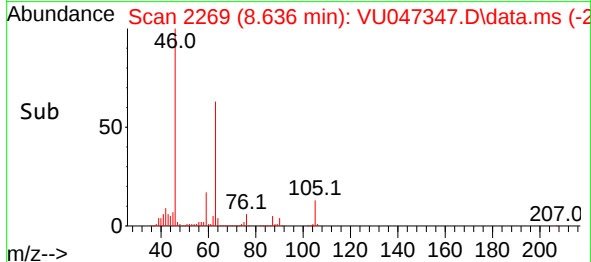
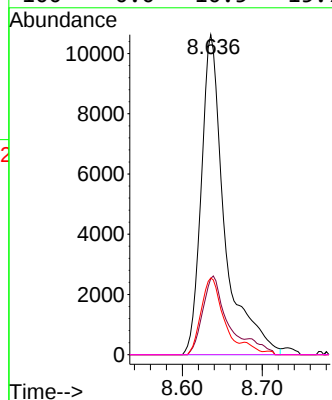
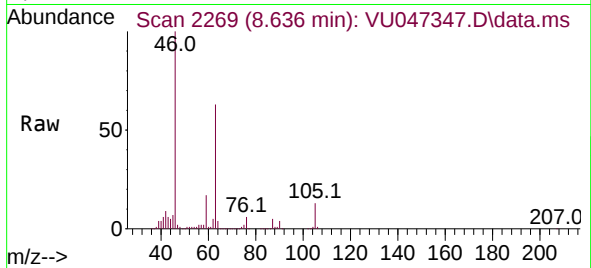




#48
2-Hexanone
Concen: 3.810 ug/L
RT: 8.636 min Scan# 21696
Delta R.T. -0.052 min
Lab File: VU047347.D
Acq: 04 Mar 2022 22:13

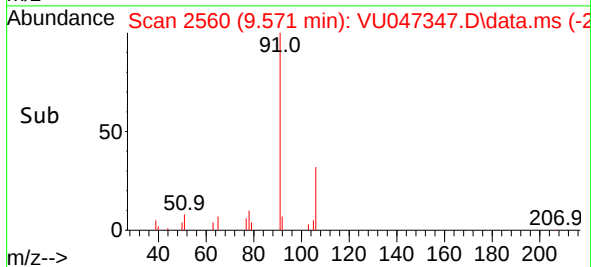
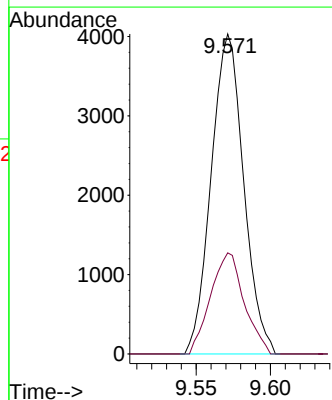
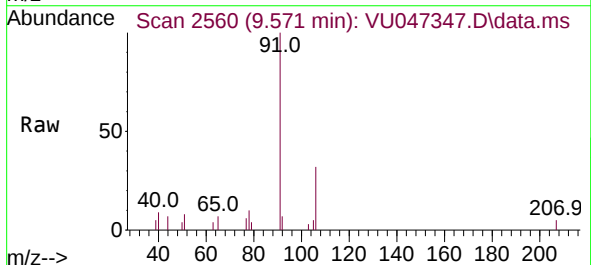
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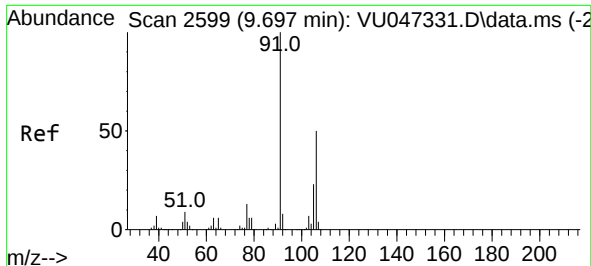
Tgt Ion: 43	Resp: 21696
Ion Ratio	Lower Upper
43 100	
58 24.0	46.7 70.1#
57 22.3	16.3 24.5
100 0.0	10.5 15.7#



#52
Ethylbenzene
Concen: 0.129 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047347.D
Acq: 04 Mar 2022 22:13

Tgt Ion: 91	Resp: 6124		
Ion Ratio	Lower	Upper	
91 100			
106 31.6	21.5	39.9	

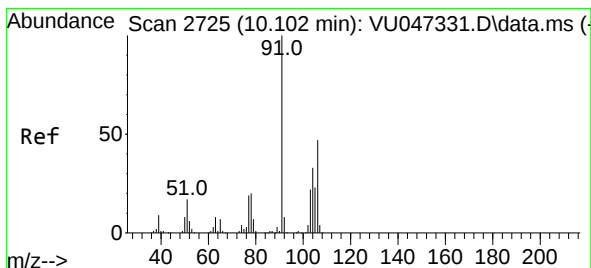
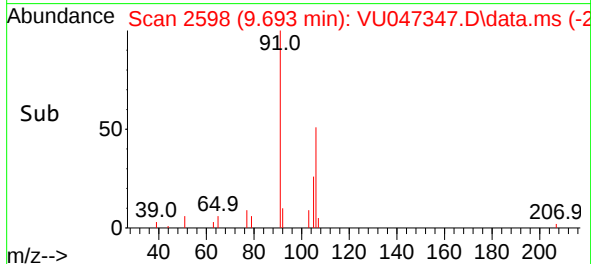
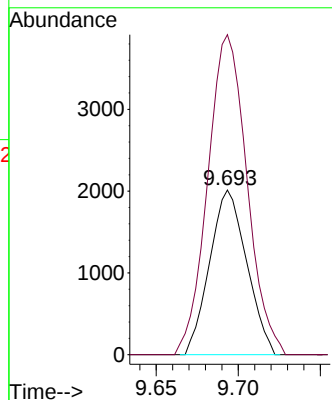
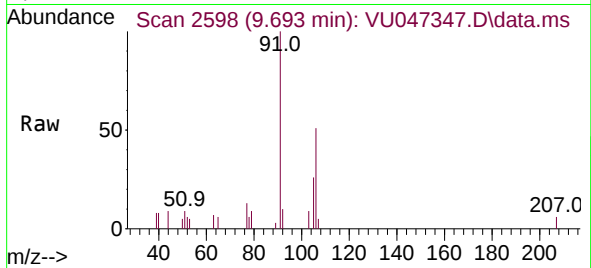




#53
m,p-Xylene
Concen: 0.168 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047347.D
Acq: 04 Mar 2022 22:13

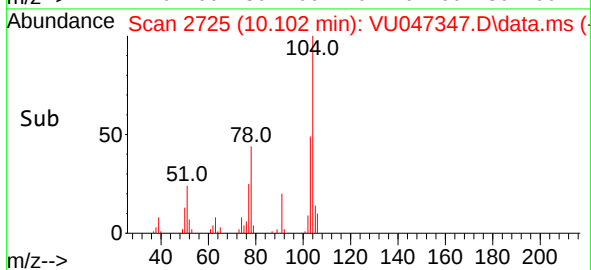
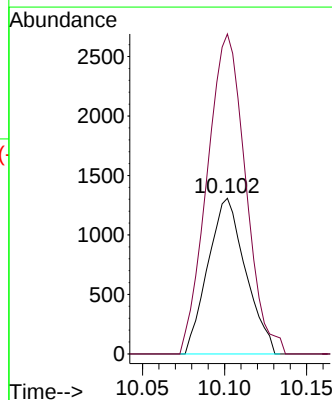
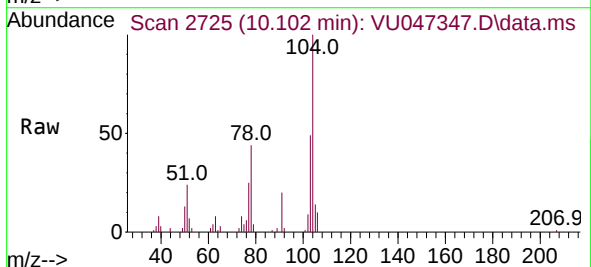
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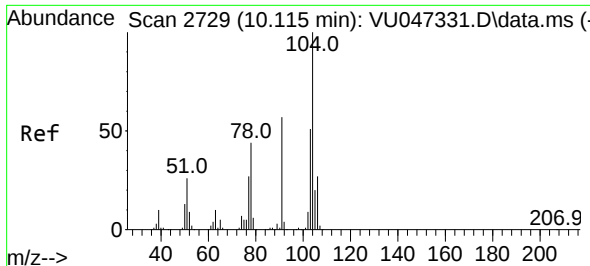
Tgt Ion:106 Resp: 3155
Ion Ratio Lower Upper
106 100
91 194.3 139.4 259.0



#54
o-Xylene
Concen: 0.115 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047347.D
Acq: 04 Mar 2022 22:13

Tgt Ion:106 Resp: 2086
Ion Ratio Lower Upper
106 100
91 205.7 147.5 273.9

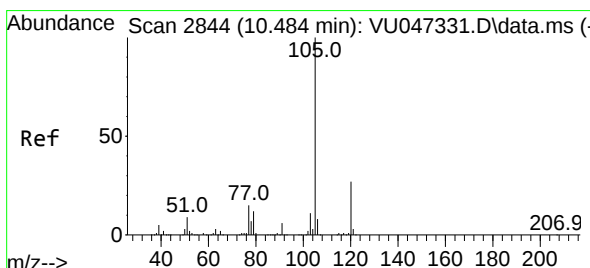
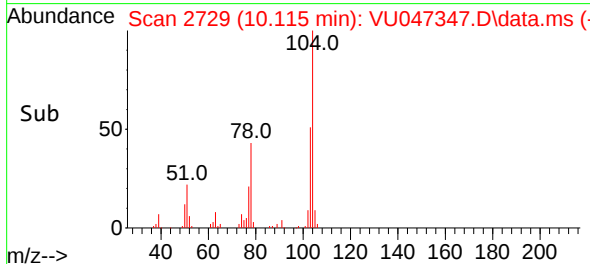
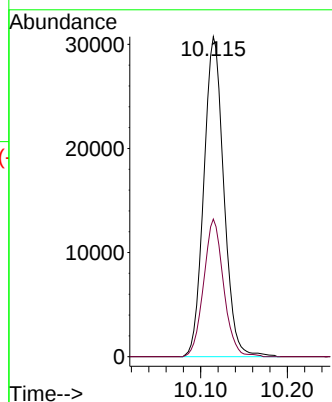
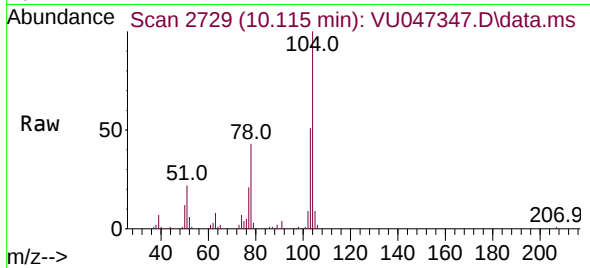




#55
Styrene
Concen: 1.606 ug/L
RT: 10.115 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU047347.D
Acq: 04 Mar 2022 22:13

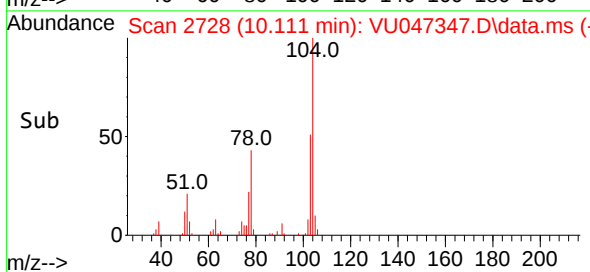
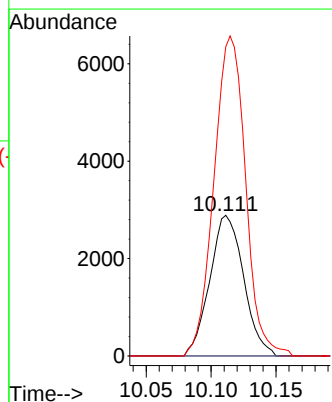
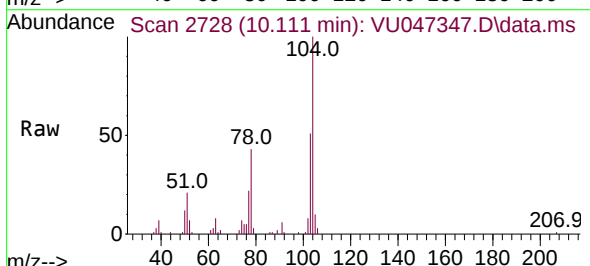
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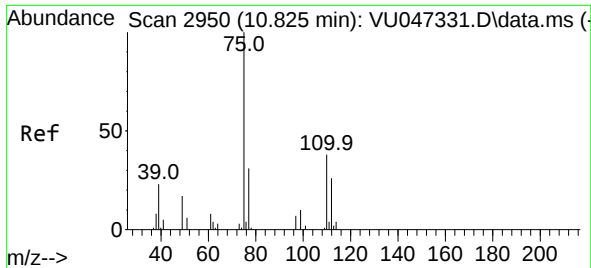
Tgt Ion:104 Resp: 49368
Ion Ratio Lower Upper
104 100
78 43.0 33.0 61.4



#60
Isopropylbenzene
Concen: 0.119 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.373 min
Lab File: VU047347.D
Acq: 04 Mar 2022 22:13

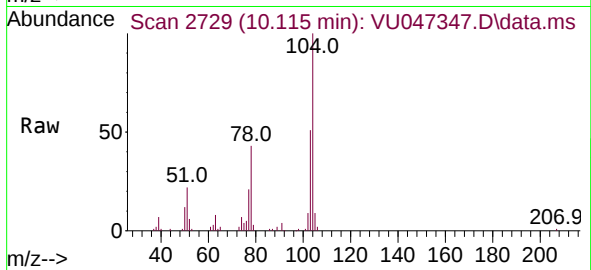
Tgt Ion:105 Resp: 5237
Ion Ratio Lower Upper
105 100
120 0.0 20.7 31.1#
77 212.6 12.6 19.0#





#61
 1,2,3-Trichloropropane
 Concen: 0.253 ug/L
 RT: 10.115 min Scan# 21
 Delta R.T. -0.711 min
 Lab File: VU047347.D
 Acq: 04 Mar 2022 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
 GBD97



Tgt Ion: 75 Resp: 2053
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 542.3 25.5 38.3#

