

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050307.D
 Acq On : 13 Aug 2022 02:13
 Operator : SY/MD
 Sample : N4072-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26330	4.295	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	85.800%	
7) Chloroethane-d5	1.909	69	26685	5.395	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	108.000%	
11) 1,1-Dichloroethene-d2	2.565	65	9676	4.038	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	80.800%	
20) 2-Butanone-d5	4.623	46	106026	70.919	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	141.840%#	
24) Chloroform-d	5.063	84	64930	5.694	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	113.800%	
26) 1,2-Dichloroethane-d4	5.700	65	34224	5.845	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	117.000%	
32) Benzene-d6	5.726	84	113270	4.873	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	6.690	67	40922	5.346	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	107.000%	
41) Toluene-d8	7.896	98	93564	4.557	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	8.179	79	13121	4.783	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.632	63	67907	69.808	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	139.620%#	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	39908	5.937	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	118.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	35462	5.055	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	37412	5.539	ug/L	99
3) Chloromethane	1.520	50	51959	5.881	ug/L	98
5) Vinyl chloride	1.604	62	47999	6.065	ug/L	98
6) Bromomethane	1.851	94	12522	2.479	ug/L	94
8) Chloroethane	1.932	64	31354	6.723	ug/L	95
9) Trichlorofluoromethane	2.138	101	53483	6.171	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	28995	6.014	ug/L	98
12) 1,1-Dichloroethene	2.578	96	30379	5.966	ug/L	83
13) Acetone	2.629	43	68586	82.376	ug/L	93
14) Carbon disulfide	2.790	76	104164	5.727	ug/L	99
15) Methyl Acetate	2.951	43	12421	5.464	ug/L	93
16) Methylene chloride	3.044	84	42210	5.425	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	82625	6.217	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	34938	6.128	ug/L	96
19) 1,1-Dichloroethane	3.867	63	69484	6.435	ug/L	99
21) 2-Butanone	4.703	43	111449	74.439	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	40426	6.388	ug/L	99
23) Bromochloromethane	4.973	128	19237	6.360	ug/L	98

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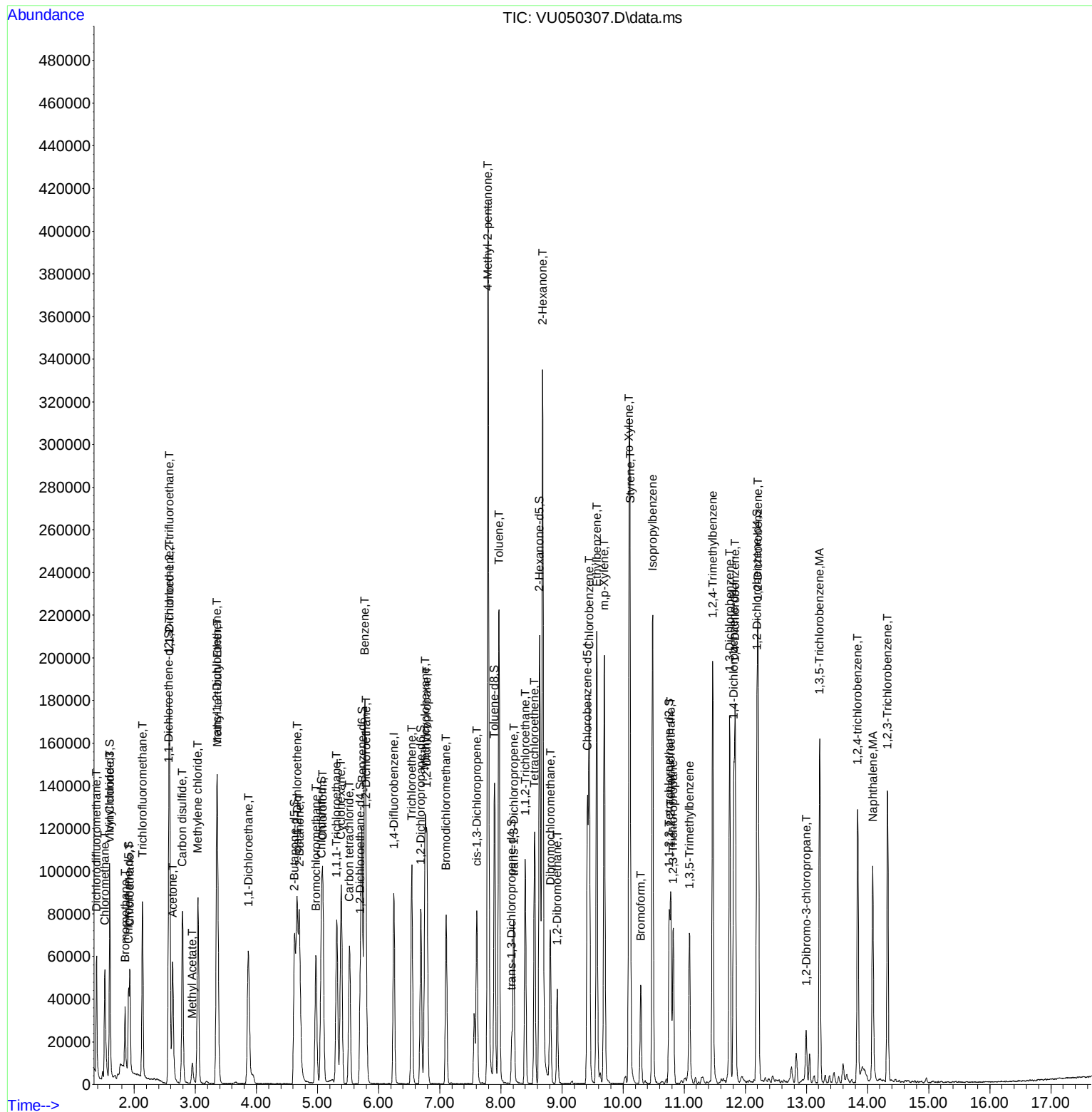
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.089	83	73803	6.412	ug/L	99
27) 1,2-Dichloroethane	5.793	62	45874	6.548	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	56225	6.153	ug/L	99
30) Cyclohexane	5.388	56	42316	5.315	ug/L	100
31) Carbon tetrachloride	5.523	117	44643	5.960	ug/L	99
33) Benzene	5.774	78	159924	6.127	ug/L	100
34) Trichloroethene	6.543	95	36651	5.806	ug/L	97
35) Methylcyclohexane	6.764	83	42278	5.189	ug/L	97
37) 1,2-Dichloropropane	6.790	63	43639	6.277	ug/L	100
38) Bromodichloromethane	7.105	83	52693	6.240	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	49263	5.430	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	262761	65.256	ug/L	98
42) Toluene	7.970	91	164127	6.270	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43191	5.551	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	32661	6.285	ug/L	95
47) Tetrachloroethene	8.552	164	26739	5.912	ug/L	96
48) 2-Hexanone	8.684	43	198540	63.750	ug/L	99
49) Dibromochloromethane	8.809	129	36562	6.357	ug/L	99
50) 1,2-Dibromoethane	8.922	107	30185	6.406	ug/L	98
51) Chlorobenzene	9.446	112	97877	5.943	ug/L	97
52) Ethylbenzene	9.571	91	147895	5.790	ug/L	100
53) m,p-Xylene	9.694	106	57250	6.086	ug/L	98
54) o-Xylene	10.099	106	56984	6.069	ug/L	97
55) Styrene	10.115	104	92957	5.926	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	44266	6.482	ug/L	98
59) Bromoform	10.292	173	20858	5.809	ug/L	99
60) Isopropylbenzene	10.484	105	139517	5.835	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30027	6.156	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	37611	5.567	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	106662	5.795	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	68547	5.687	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	68856	5.871	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	70688	6.056	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	6619	6.921	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	50071	5.832	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	39444	6.063	ug/L	99
71) Naphthalene	14.086	128	82075	6.153	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	42116	6.386	ug/L	98

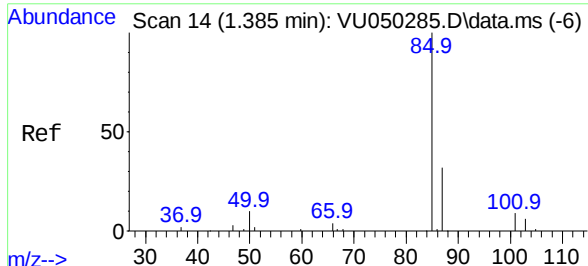
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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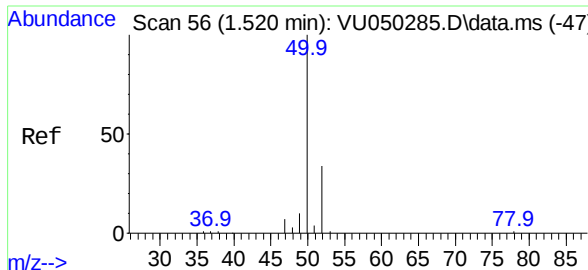
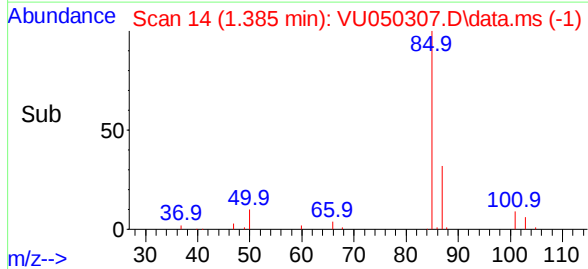
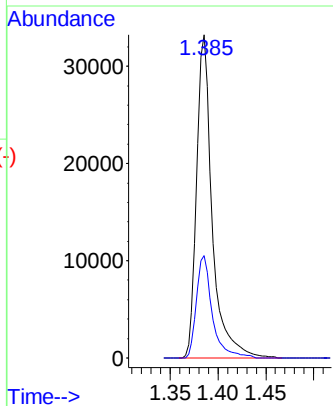
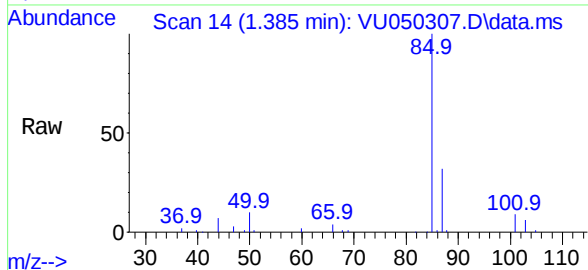




Dichlorodifluoromethane
 Concen: 5.539 ug/L
 RT: 1.385 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

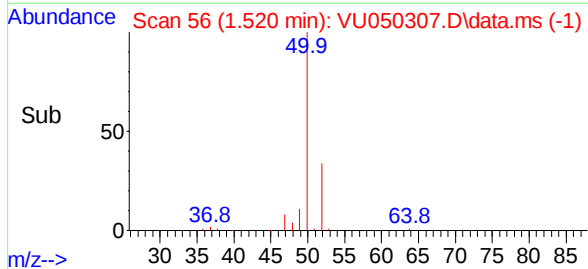
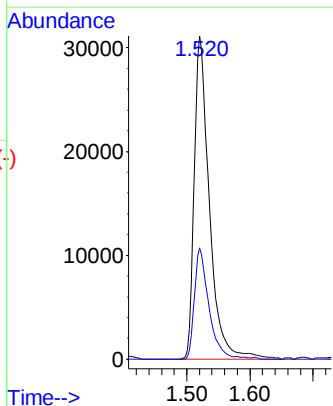
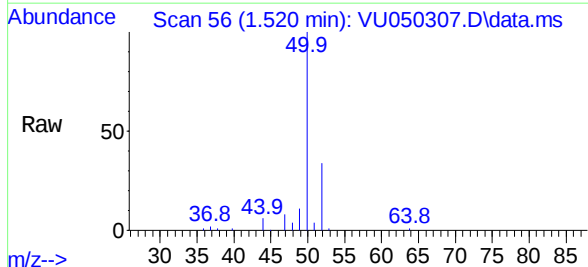
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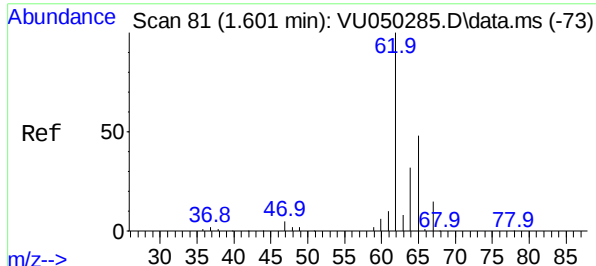
Tgt Ion:	85	Resp:	37412
Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.2	39.4



Chloromethane
 Concen: 5.881 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

Tgt Ion:	50	Resp:	51959
Ion	Ratio	Lower	Upper
50	100		
52	34.4	23.2	43.2





Vinyl chloride

Concen: 6.065 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

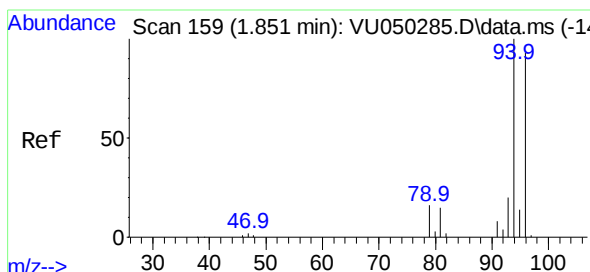
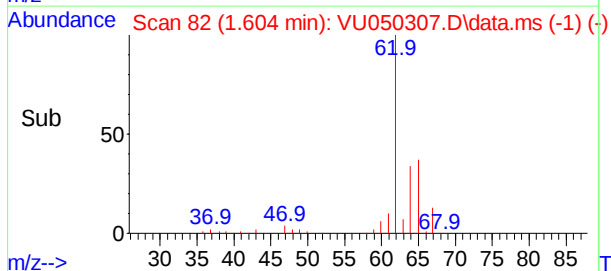
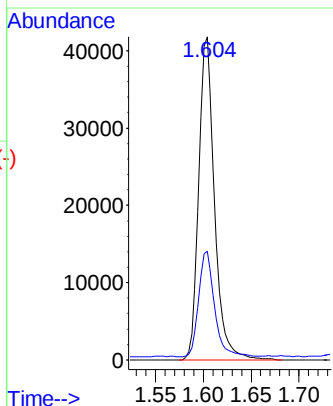
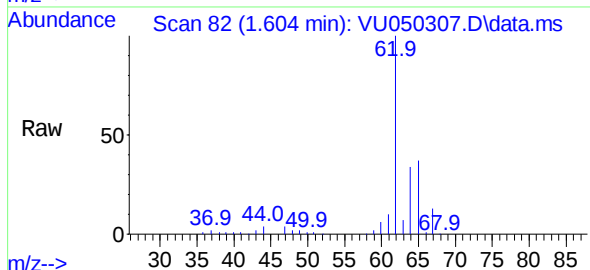
ClientSampleId :

Tgt Ion: 62 Resp: 47999

Ion Ratio Lower Upper

62 100

64 33.6 22.8 42.4



Bromomethane

Concen: 2.479 ug/L

RT: 1.851 min Scan# 159

Delta R.T. -0.000 min

Lab File: VU050307.D

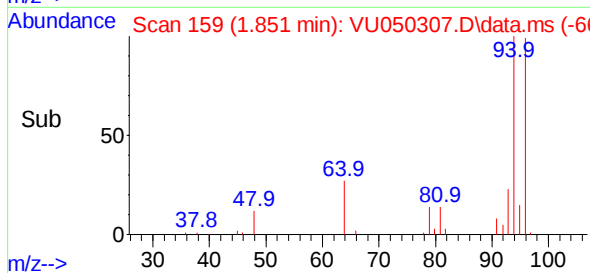
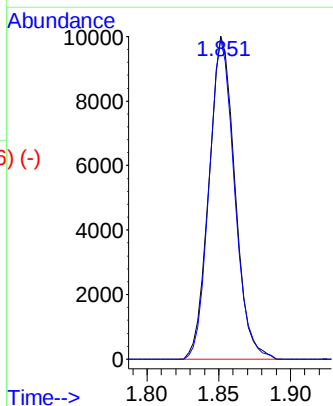
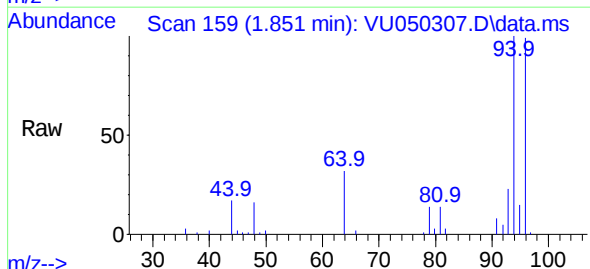
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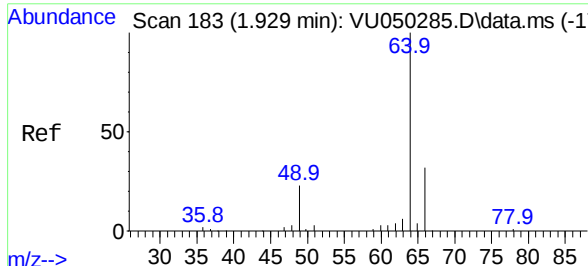
Tgt Ion: 94 Resp: 12522

Ion Ratio Lower Upper

94 100

96 99.0 65.3 121.3

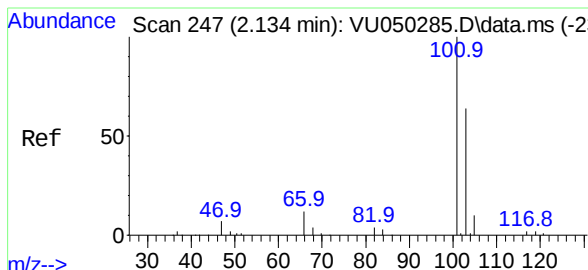
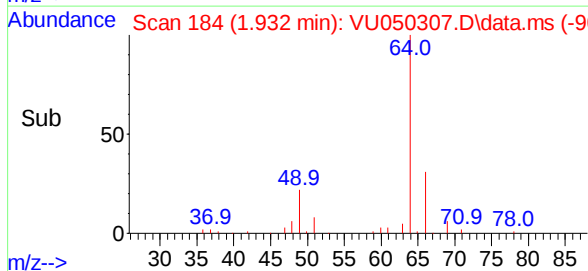
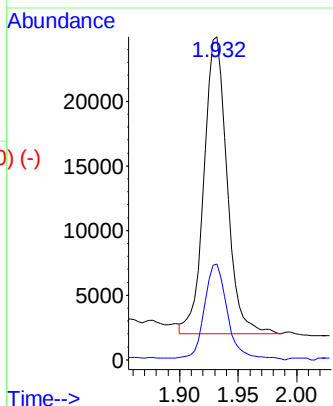
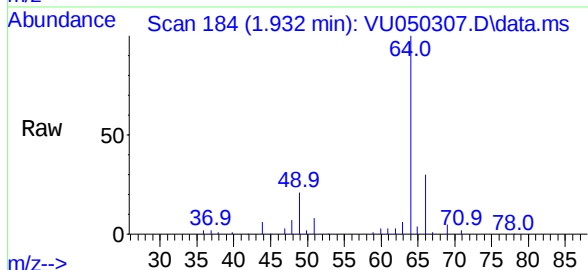




Chloroethane
 Concen: 6.723 ug/L
 RT: 1.932 min Scan# 183
 Delta R.T. 0.003 min
 Lab File: VU050307.D
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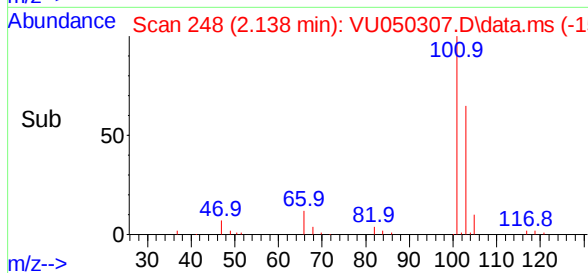
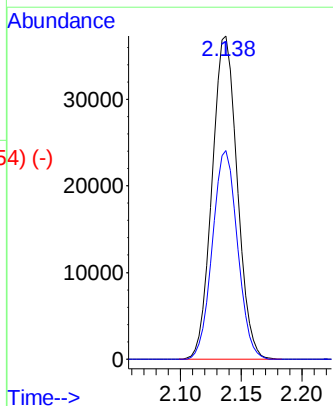
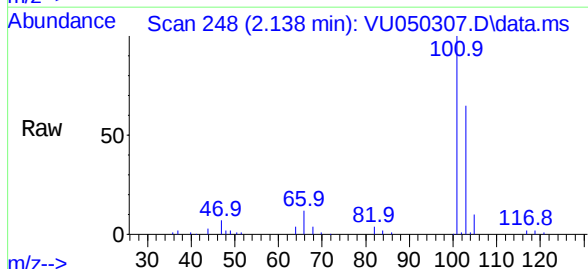
Instrument : MSVOA_U
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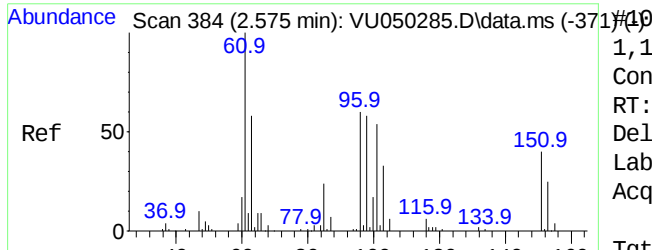
Tgt Ion:	64	Resp:	31354
Ion	Ratio	Lower	Upper
64	100		
66	29.6	22.8	42.4



Trichlorofluoromethane
 Concen: 6.171 ug/L
 RT: 2.138 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

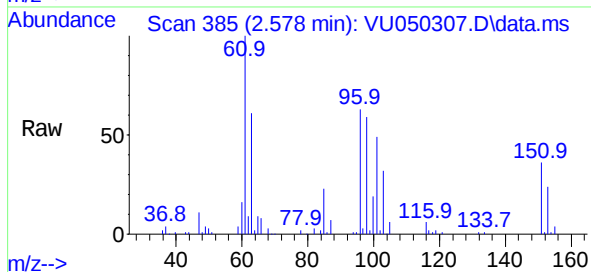
Tgt Ion:	101	Resp:	53483
Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.6	78.8



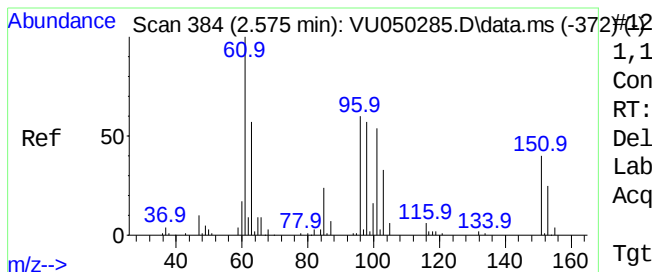
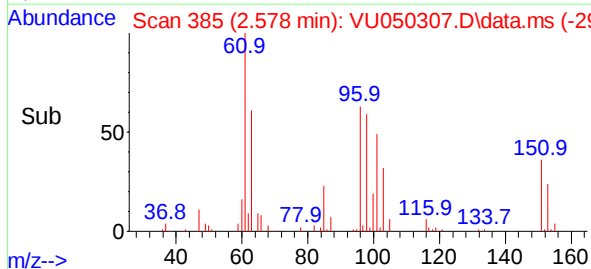
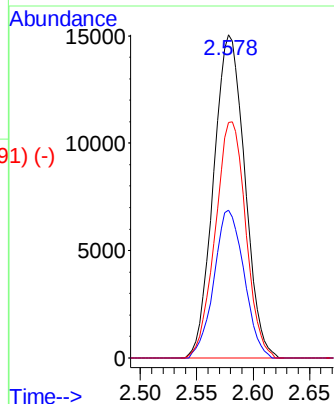


1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.014 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

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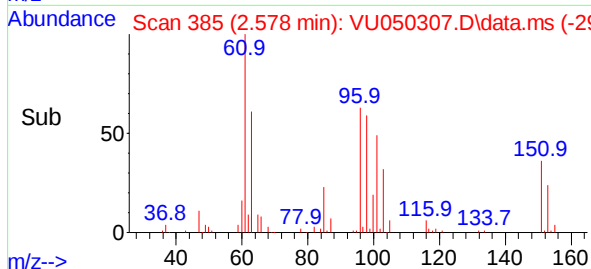
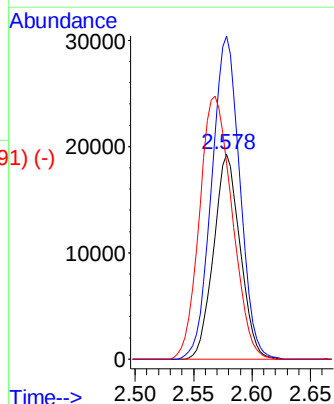
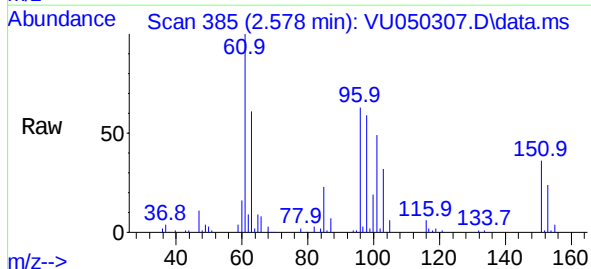


Tgt Ion:	101	Resp:	28995
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.6	53.4
151	71.5	55.2	82.8

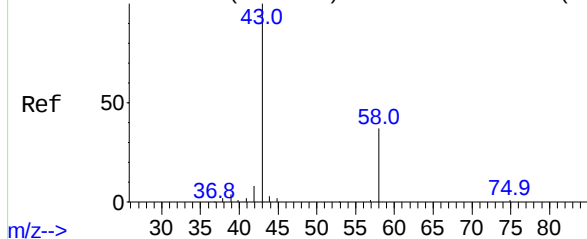


1,1-Dichloroethene
 Concen: 5.966 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
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Tgt Ion:	96	Resp:	30379
Ion	Ratio	Lower	Upper
96	100		
61	157.8	122.7	227.9
63	95.6	85.1	158.1



Abundance Scan 402 (2.633 min): VU050285.D\data.ms (-388) #13



Acetone

Concen: 82.376 ug/L

RT: 2.629 min Scan# 413

Delta R.T. -0.003 min

Lab File: VU050307.D

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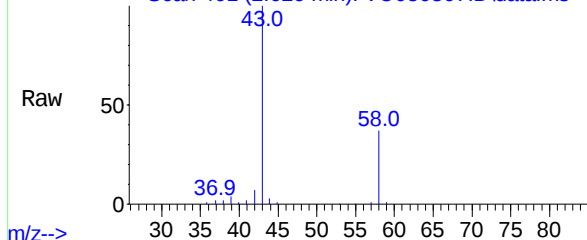
Tgt Ion: 43 Resp: 68586

Ion Ratio Lower Upper

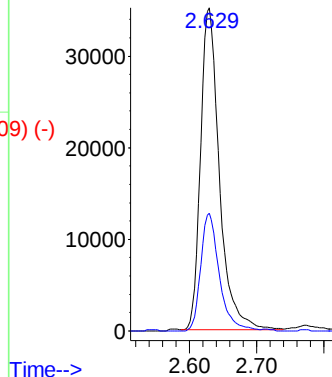
43 100

58 36.1 0.0 64.0

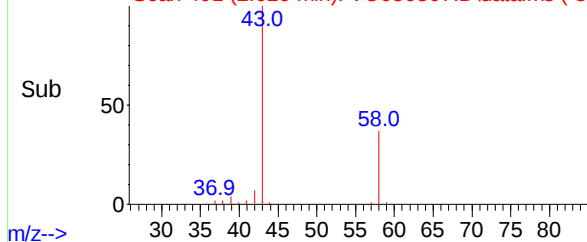
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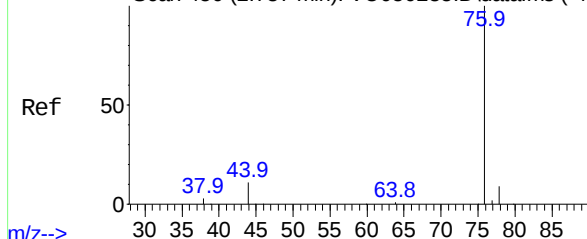
Abundance



Abundance Scan 401 (2.629 min): VU050307.D\data.ms (-309) (-)



Abundance Scan 450 (2.787 min): VU050285.D\data.ms (-437) #14



Carbon disulfide

Concen: 5.727 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

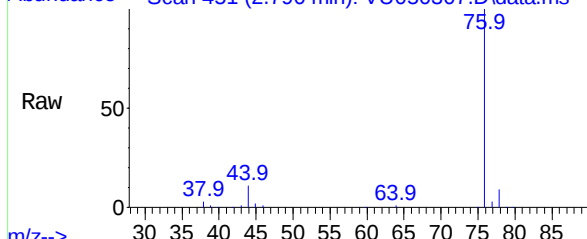
Tgt Ion: 76 Resp: 104164

Ion Ratio Lower Upper

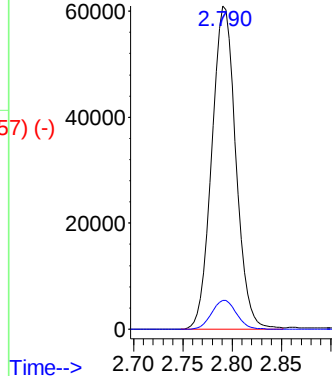
76 100

78 8.8 7.4 11.0

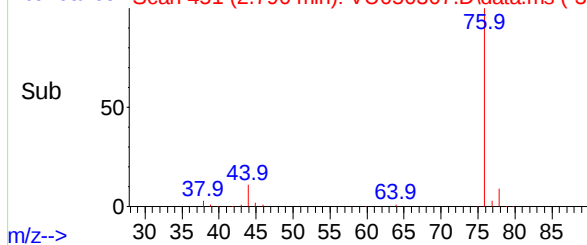
Abundance Scan 451 (2.790 min): VU050307.D\data.ms



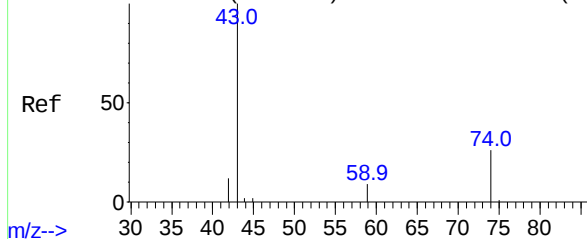
Abundance



Abundance Scan 451 (2.790 min): VU050307.D\data.ms (-357) (-)



Abundance Scan 502 (2.954 min): VU050285.D\data.ms (-490) #15

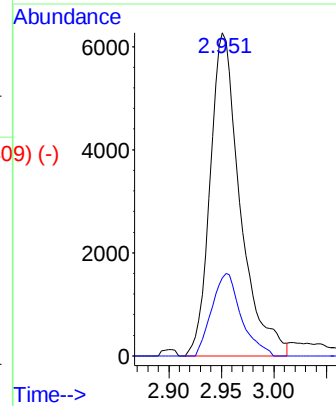
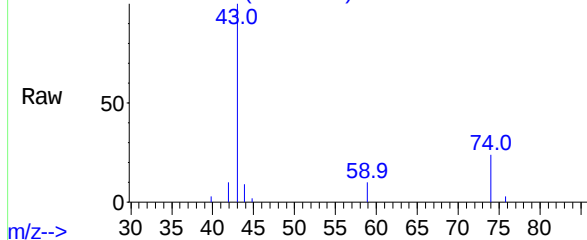


Methyl Acetate
Concen: 5.464 ug/L
RT: 2.951 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

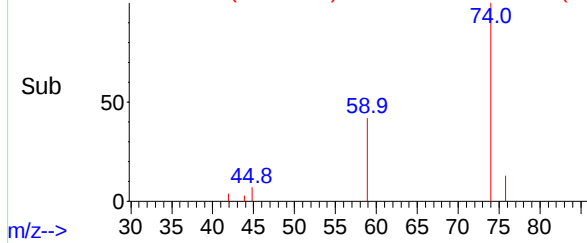
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 12421
Ion Ratio Lower Upper
43 100
74 24.9 22.7 34.1

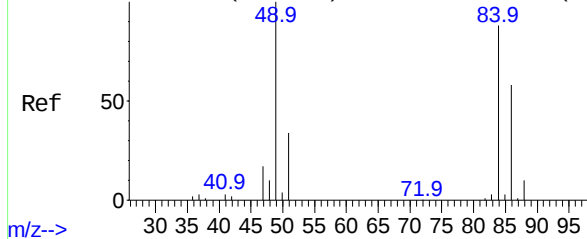
Abundance Scan 501 (2.951 min): VU050307.D\data.ms



Abundance Scan 501 (2.951 min): VU050307.D\data.ms (-409) (-)



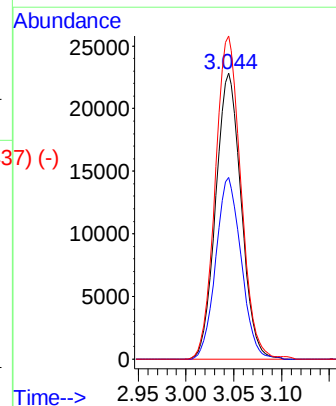
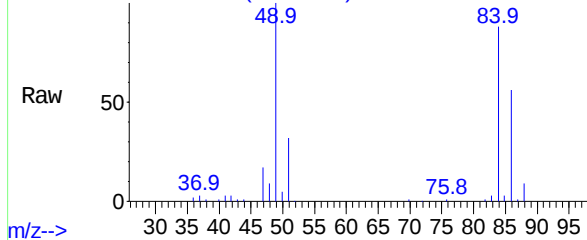
Abundance Scan 530 (3.044 min): VU050285.D\data.ms (-516) #16



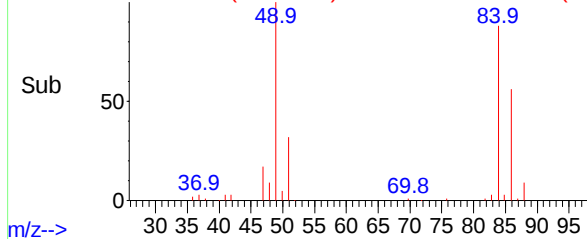
Methylene chloride
Concen: 5.425 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 84 Resp: 42210
Ion Ratio Lower Upper
84 100
86 63.5 45.9 85.3
49 113.0 77.6 144.0

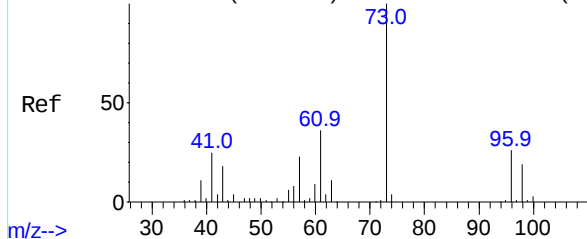
Abundance Scan 530 (3.044 min): VU050307.D\data.ms



Abundance Scan 530 (3.044 min): VU050307.D\data.ms (-437) (-)



Abundance Scan 630 (3.366 min): VU050285.D\data.ms (-613) #17

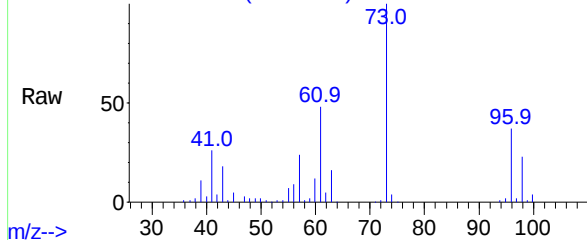


Methyl tert-butyl Ether
Concen: 6.217 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

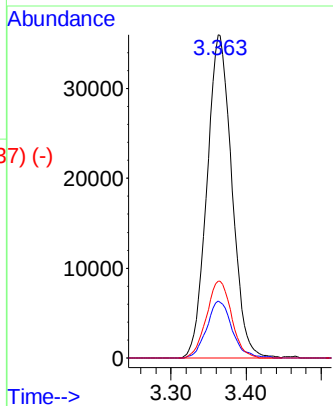
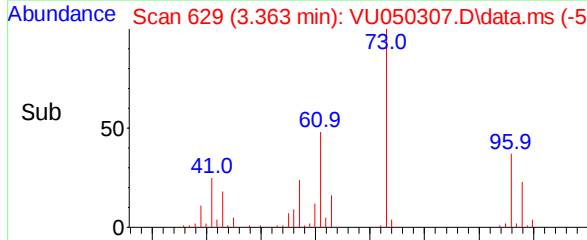
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	73	Resp:	82625
Ion	Ratio	Lower	Upper
73	100		
43	17.8	13.5	20.3
57	23.8	17.4	26.2

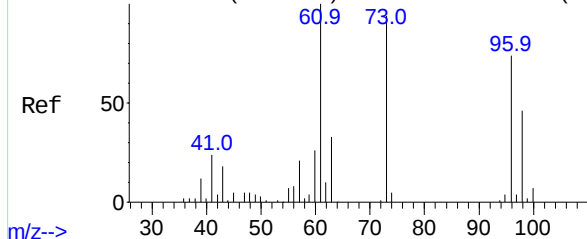
Abundance Scan 629 (3.363 min): VU050307.D\data.ms



Abundance Scan 629 (3.363 min): VU050307.D\data.ms (-537) (-)



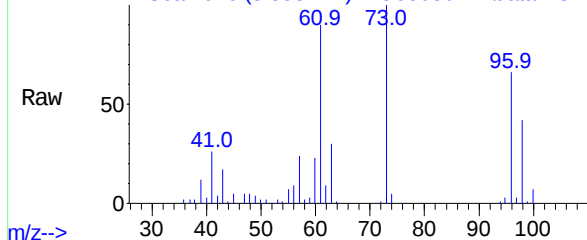
Abundance Scan 626 (3.353 min): VU050285.D\data.ms (-612) #18



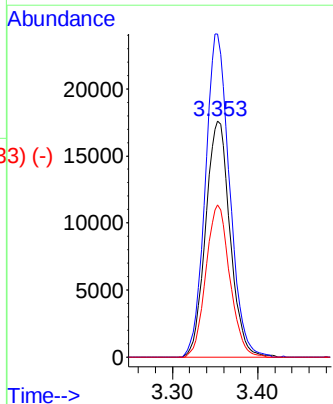
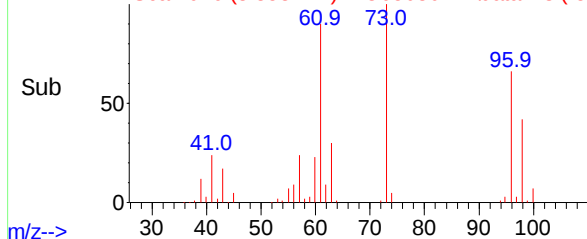
trans-1,2-Dichloroethene
Concen: 6.128 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:	96	Resp:	34938
Ion	Ratio	Lower	Upper
96	100		
61	136.7	92.3	171.5
98	64.4	43.2	80.2

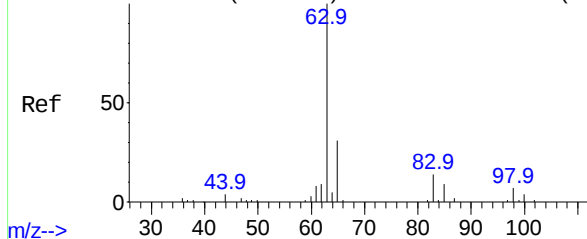
Abundance Scan 626 (3.353 min): VU050307.D\data.ms



Abundance Scan 626 (3.353 min): VU050307.D\data.ms (-533) (-)

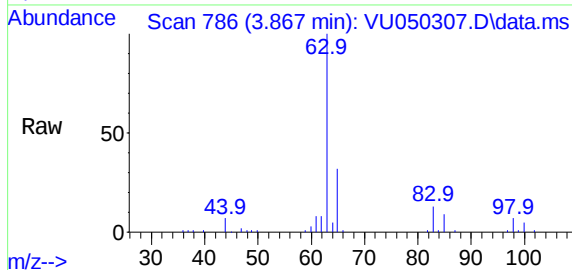


Abundance Scan 786 (3.867 min): VU050285.D\data.ms (-769) #19

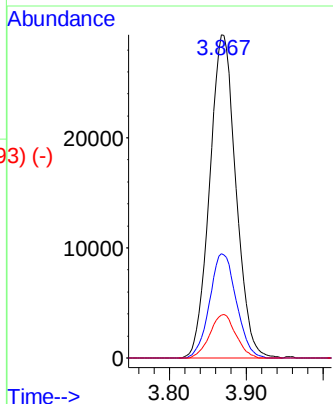
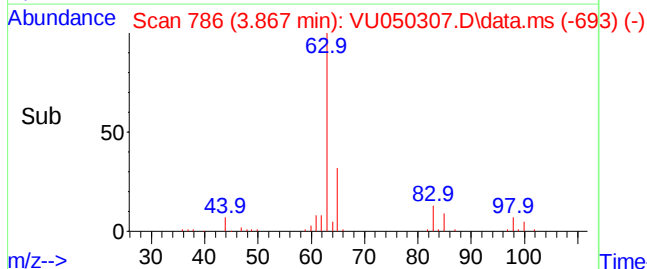


1,1-Dichloroethane
Concen: 6.435 ug/L
RT: 3.867 min Scan# 19
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

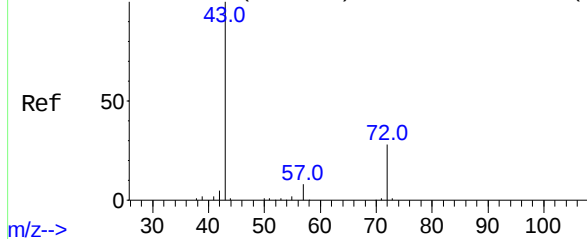
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	63	Resp:	69484
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.7	42.3
83	13.2	9.8	18.2

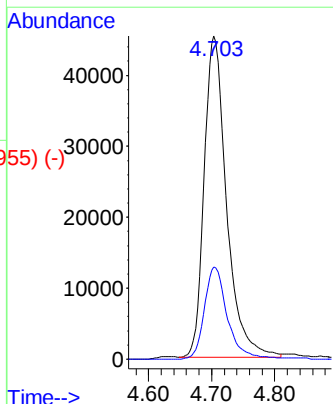
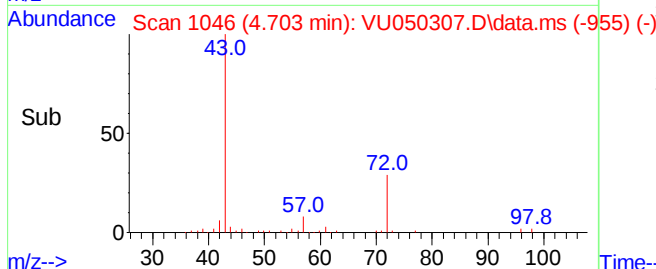
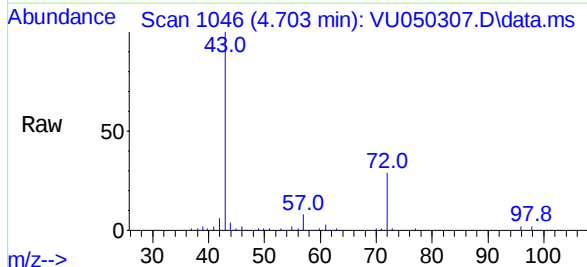


Abundance Scan 1048 (4.710 min): VU050285.D\data.ms (-1052) #21

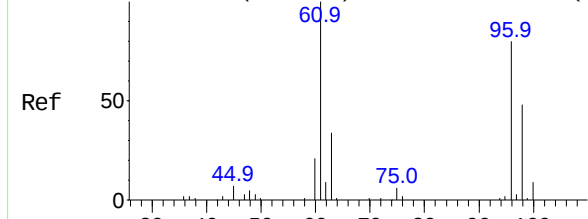


2-Butanone
Concen: 74.439 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:	43	Resp:	111449
Ion	Ratio	Lower	Upper
43	100		
72	29.3	14.0	42.0

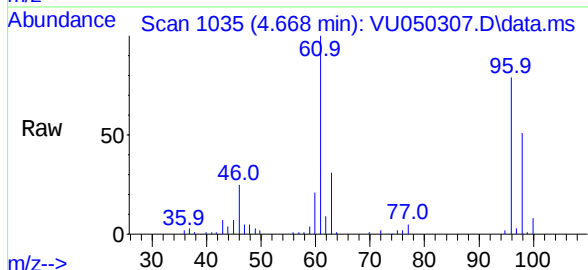


Abundance Scan 1035 (4.668 min): VU050285.D\data.ms (-1032)

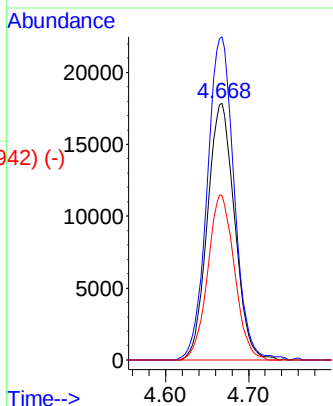
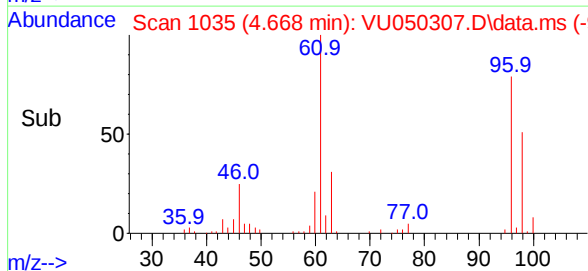


cis-1,2-Dichloroethene
Concen: 6.388 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

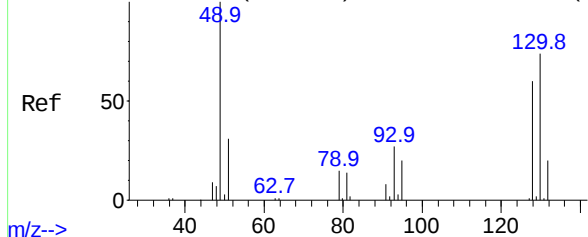
Instrument :
MSVOA_U
ClientSampleId :



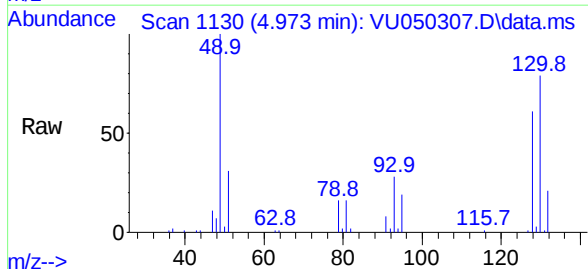
Tgt Ion:	96	Resp:	40426
Ion	Ratio	Lower	Upper
96	100		
61	125.8	89.0	165.4
98	63.9	45.2	84.0



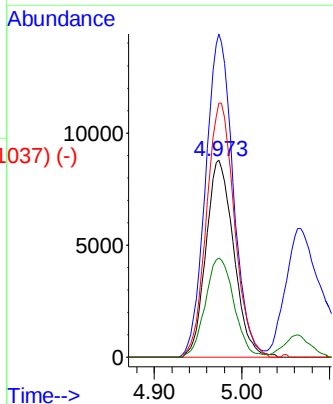
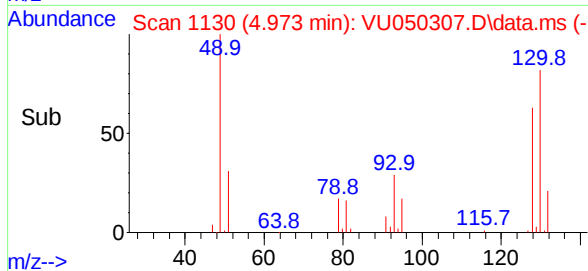
Abundance Scan 1130 (4.973 min): VU050285.D\data.ms (-1123)



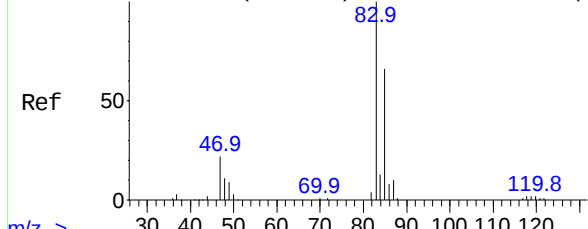
Bromochloromethane
Concen: 6.360 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13



Tgt Ion:	128	Resp:	19237
Ion	Ratio	Lower	Upper
128	100		
49	164.2	111.4	206.8
130	129.1	90.2	167.4
51	50.5	40.9	61.3



Abundance Scan 1166 (5.089 min): VU050285.D\data.ms (-11425)



Chloroform

Concen: 6.412 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

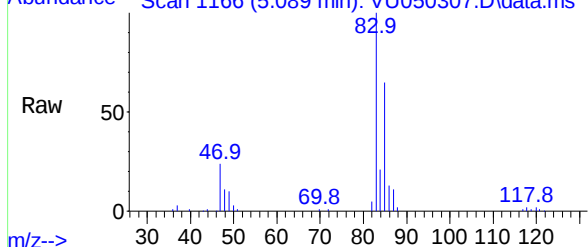
Tgt Ion: 83 Resp: 73803

Ion Ratio Lower Upper

83 100

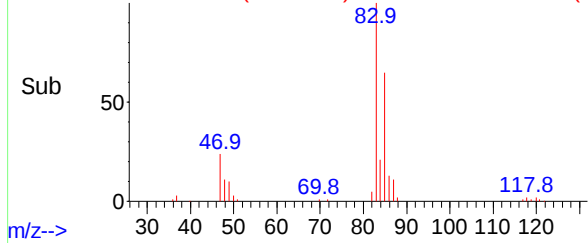
85 65.2 46.1 85.5

Abundance Scan 1166 (5.089 min): VU050307.D\data.ms

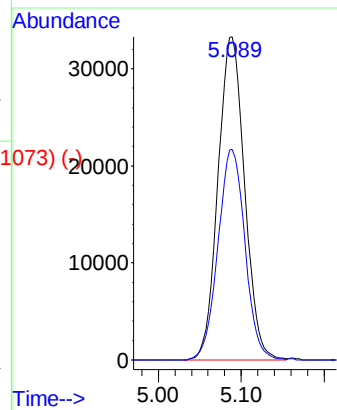


m/z-->

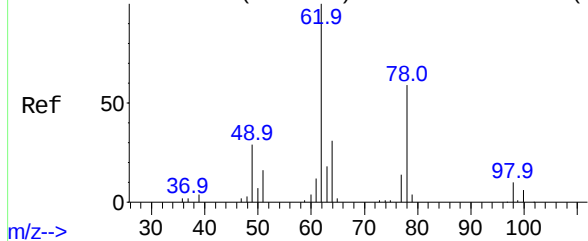
Abundance Scan 1166 (5.089 min): VU050307.D\data.ms (-1073) (-)



m/z-->



Abundance Scan 1386 (5.797 min): VU050285.D\data.ms (-13707)



1,2-Dichloroethane

Concen: 6.548 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

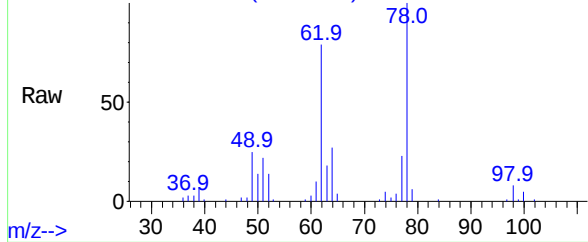
Tgt Ion: 62 Resp: 45874

Ion Ratio Lower Upper

62 100

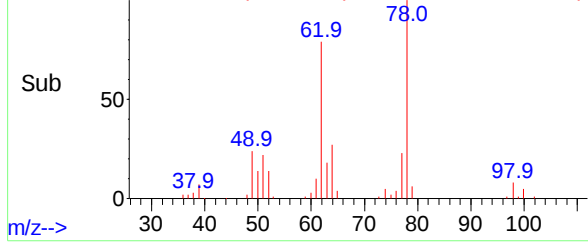
98 10.5 7.8 11.8

Abundance Scan 1385 (5.793 min): VU050307.D\data.ms

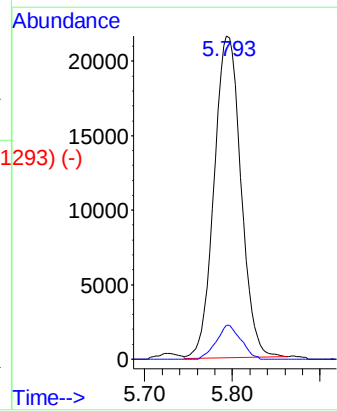


m/z-->

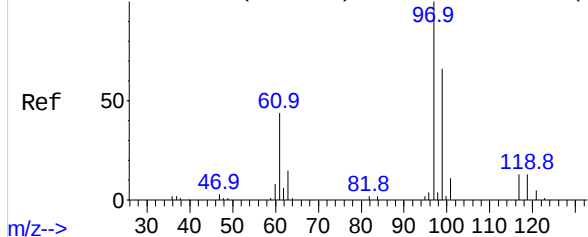
Abundance Scan 1385 (5.793 min): VU050307.D\data.ms (-1293) (-)



m/z-->



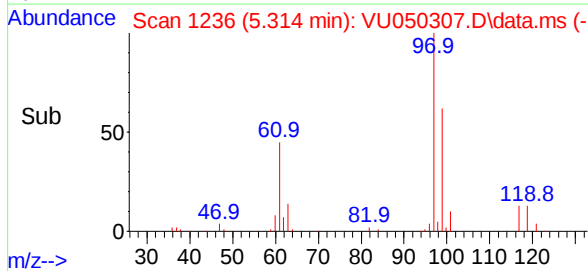
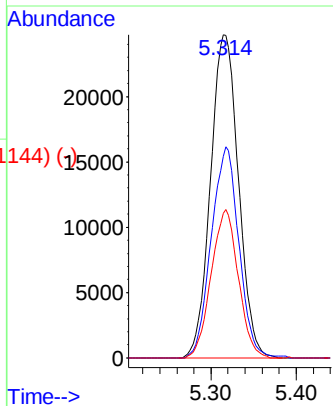
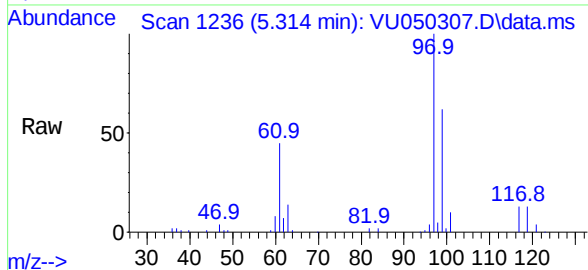
Abundance Scan 1237 (5.317 min): VU050285.D\data.ms (-1229)



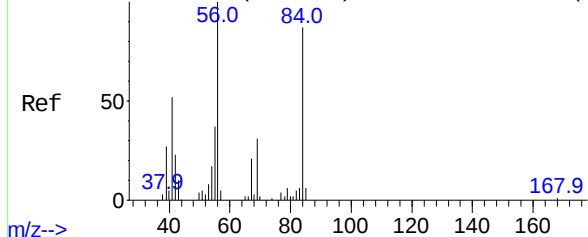
1,1,1-Trichloroethane
Concen: 6.153 ug/L
RT: 5.314 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	97	Resp:	56225
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	44.6	34.2	51.4

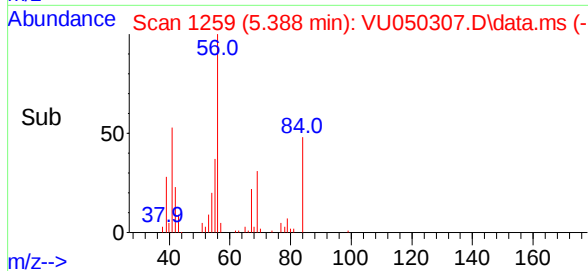
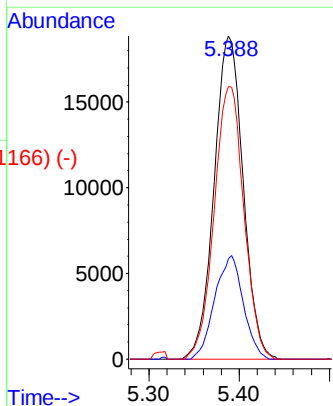
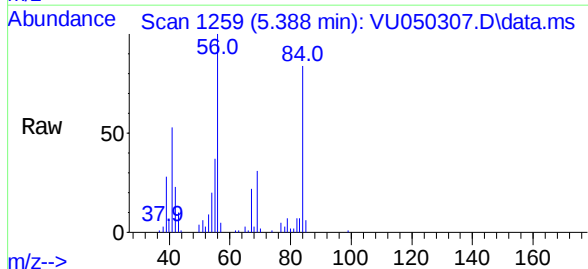


Abundance Scan 1259 (5.388 min): VU050285.D\data.ms (-1243)

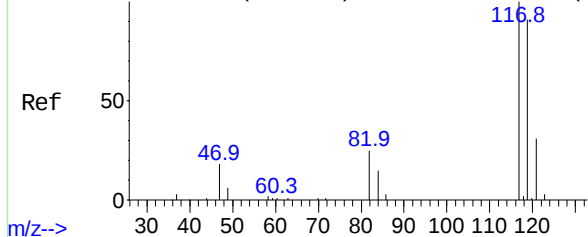


Cyclohexane
Concen: 5.315 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:	56	Resp:	42316
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.6	37.0
84	86.3	69.1	103.7



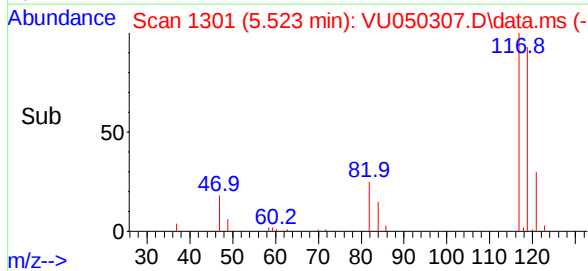
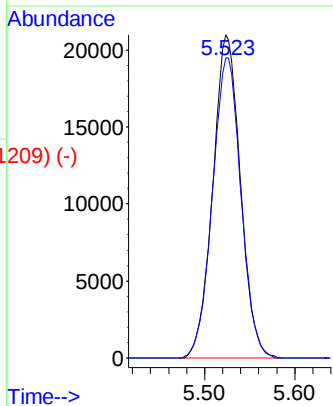
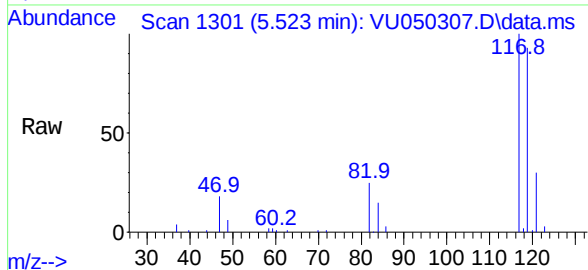
Abundance Scan 1302 (5.527 min): VU050285.D\data.ms (-12631-)



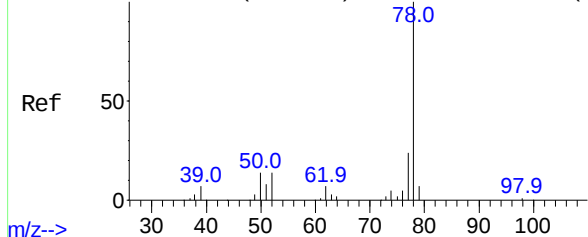
Carbon tetrachloride
Concen: 5.960 ug/L
RT: 5.523 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 44643
Ion Ratio Lower Upper
117 100
119 96.0 76.0 114.0

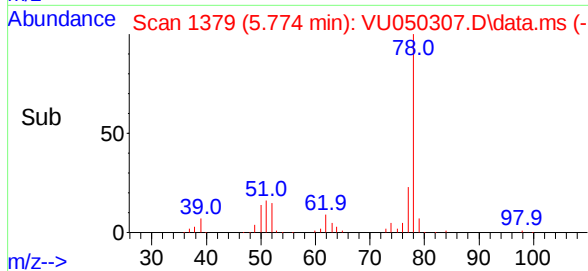
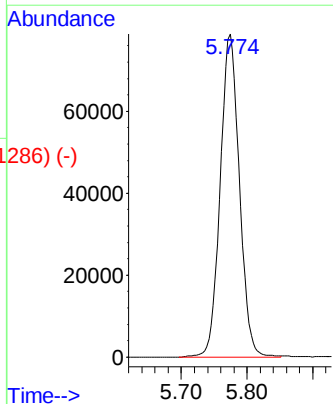
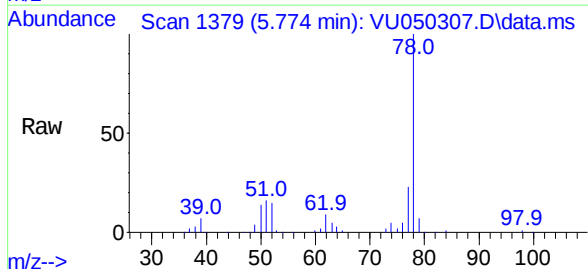


Abundance Scan 1379 (5.774 min): VU050285.D\data.ms (-13563-)

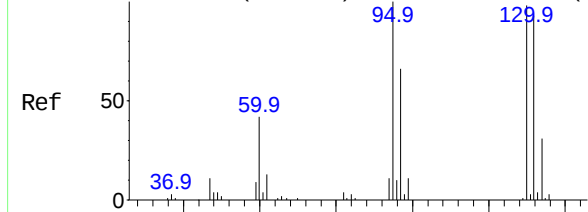


Benzene
Concen: 6.127 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 78 Resp: 159924



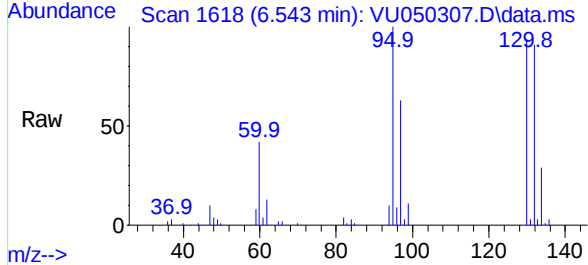
Abundance Scan 1618 (6.543 min): VU050285.D\data.ms (-1664)



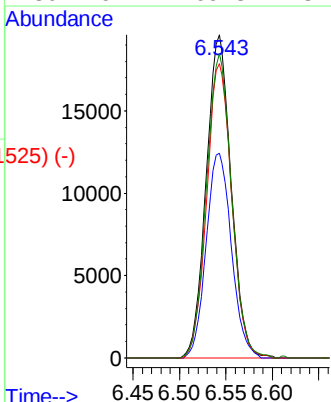
Trichloroethene
Concen: 5.806 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :

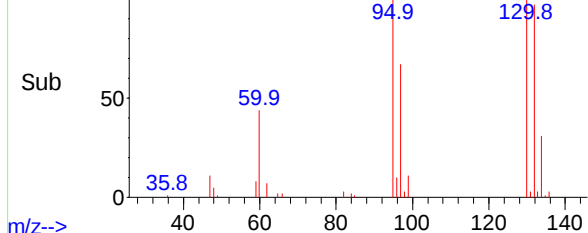
Abundance Scan 1618 (6.543 min): VU050307.D\data.ms



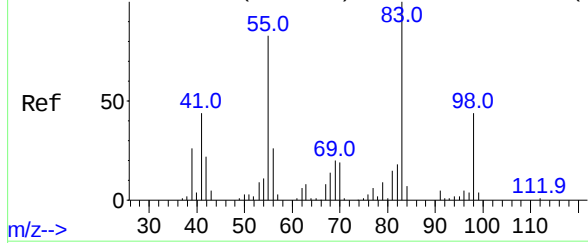
Tgt Ion:	95	Resp:	36651
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.6	84.8
132	91.1	65.0	120.6
130	94.2	69.3	128.7



Abundance Scan 1618 (6.543 min): VU050307.D\data.ms (-1525) (-)



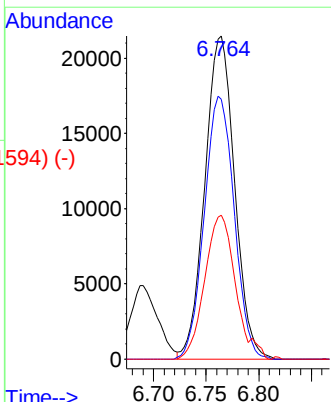
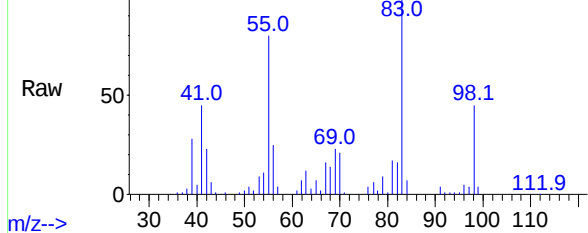
Abundance Scan 1687 (6.764 min): VU050285.D\data.ms (-1679)



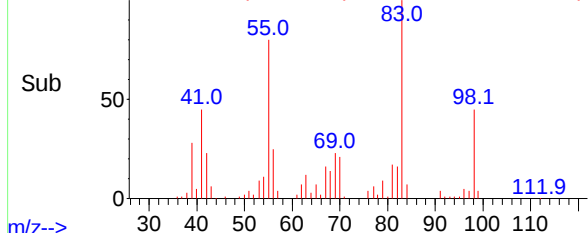
Methylcyclohexane
Concen: 5.189 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:	83	Resp:	42278
Ion	Ratio	Lower	Upper
83	100		
55	81.7	62.7	94.1
98	46.0	36.2	54.2

Abundance Scan 1687 (6.764 min): VU050307.D\data.ms



Abundance Scan 1687 (6.764 min): VU050307.D\data.ms (-1594) (-)



Abundance Scan 1696 (6.793 min): VU050285.D\data.ms (-1679) (-)

1,2-Dichloropropane

Concen: 6.277 ug/L

RT: 6.790 min Scan# 1696

Delta R.T. -0.003 min

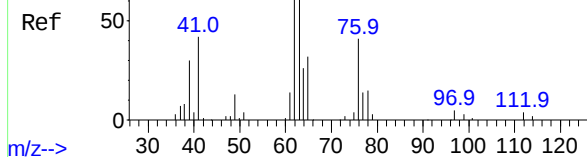
Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

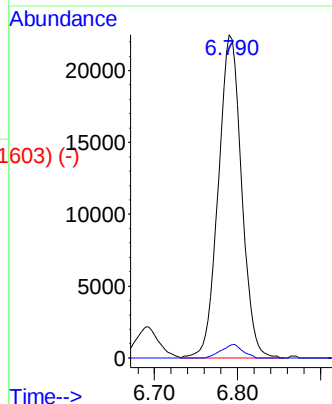
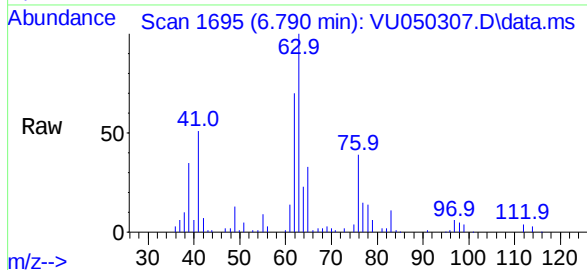


Tgt Ion: 63 Resp: 43639

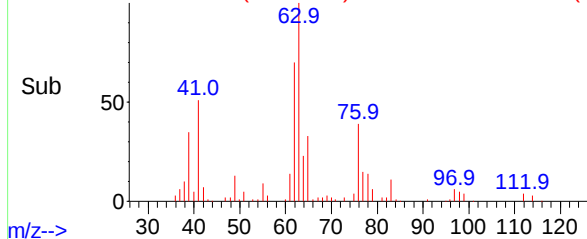
Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



Abundance Scan 1695 (6.790 min): VU050307.D\data.ms (-1603) (-)



Abundance Scan 1793 (7.105 min): VU050285.D\data.ms (-1700) (-)

Bromodichloromethane

Concen: 6.240 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

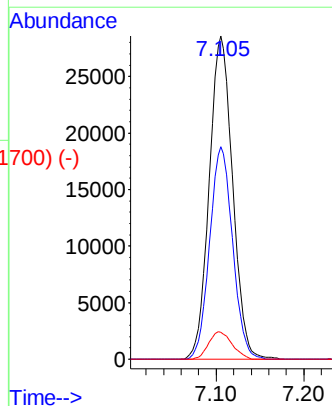
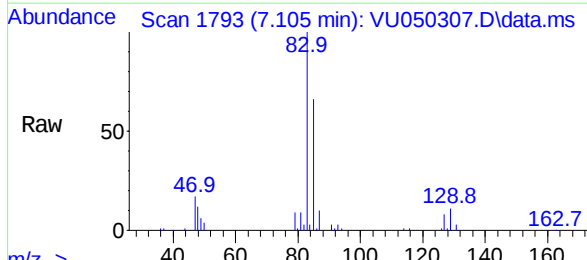
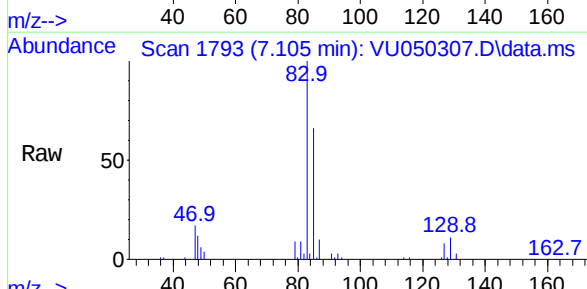
Tgt Ion: 83 Resp: 52693

Ion Ratio Lower Upper

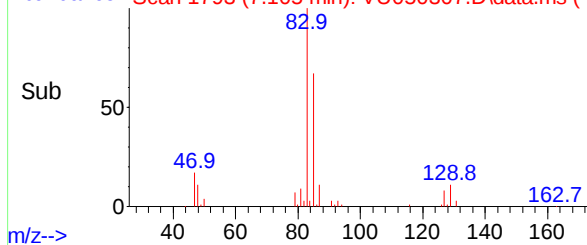
83 100

85 65.8 45.1 83.7

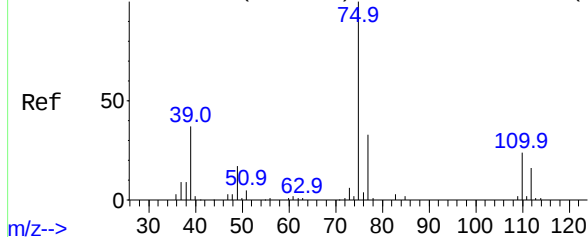
127 8.3 6.8 10.2



Abundance Scan 1793 (7.105 min): VU050307.D\data.ms (-1700) (-)



Abundance Scan 1950 (7.610 min): VU050285.D\data.ms (-1930)

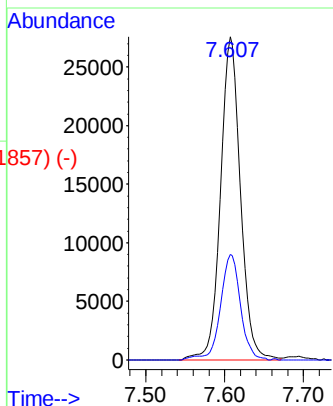
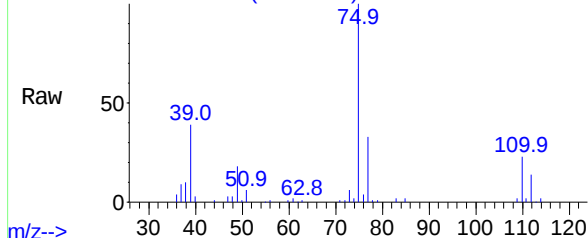


Ref
cis-1,3-Dichloropropene
Concen: 5.430 ug/L
RT: 7.607 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

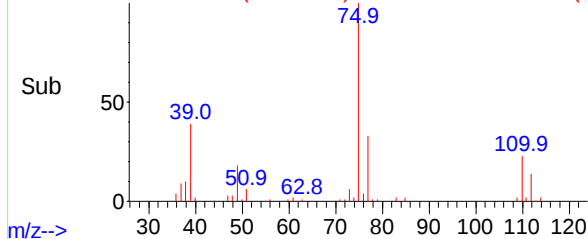
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 49263
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.4

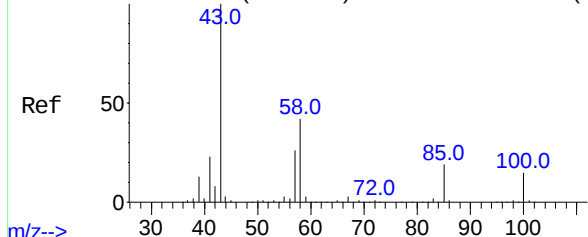
m/z--> Scan 1949 (7.607 min): VU050307.D\data.ms



Abundance Scan 1949 (7.607 min): VU050307.D\data.ms (-1857)



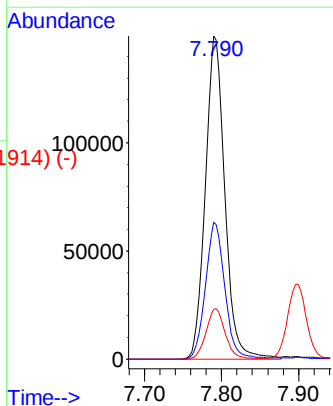
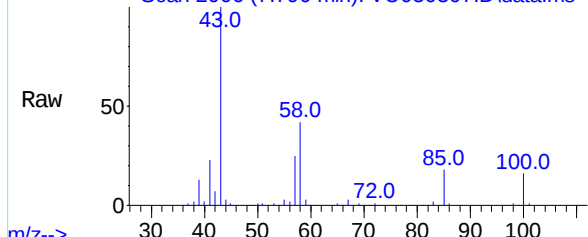
Abundance Scan 2007 (7.793 min): VU050285.D\data.ms (-1930)



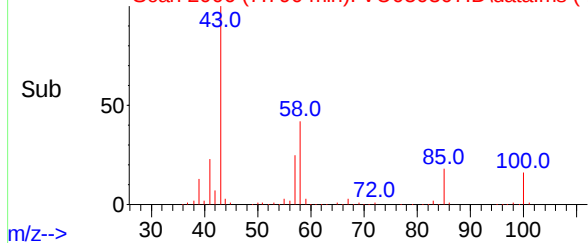
Ref
4-Methyl-2-pentanone
Concen: 65.256 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 43 Resp: 262761
Ion Ratio Lower Upper
43 100
58 42.2 34.6 51.8
100 15.4 13.0 19.4

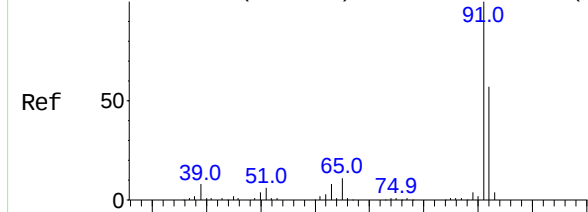
m/z--> Scan 2006 (7.790 min): VU050307.D\data.ms



Abundance Scan 2006 (7.790 min): VU050307.D\data.ms (-1914)

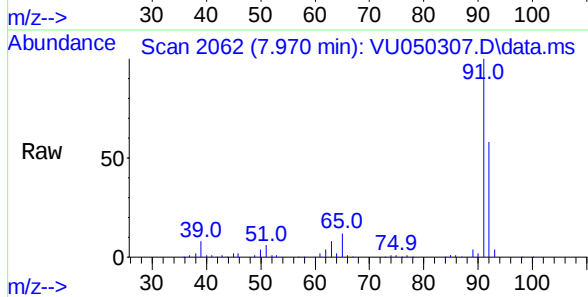


Abundance Scan 2062 (7.970 min): VU050285.D\data.ms (-2042)

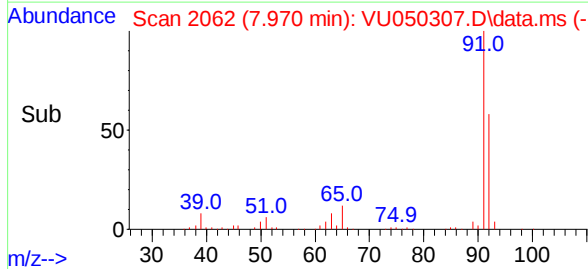
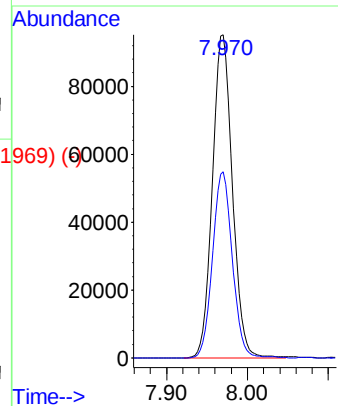


Toluene
Concen: 6.270 ug/L
RT: 7.970 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

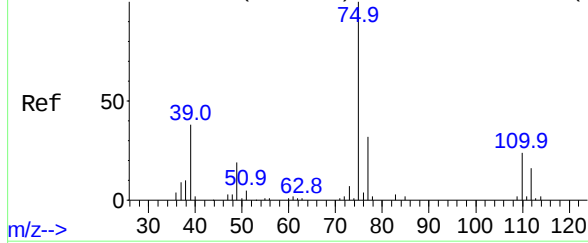
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 91 Resp: 164127
Ion Ratio Lower Upper
91 100
92 57.6 39.8 74.0

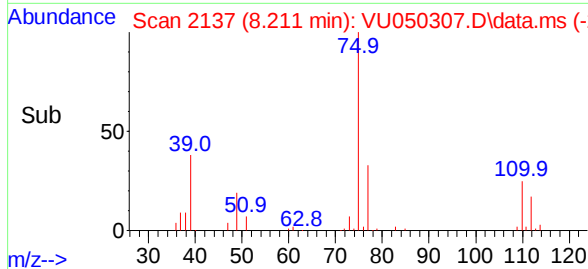
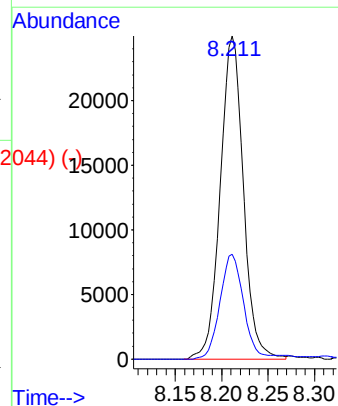
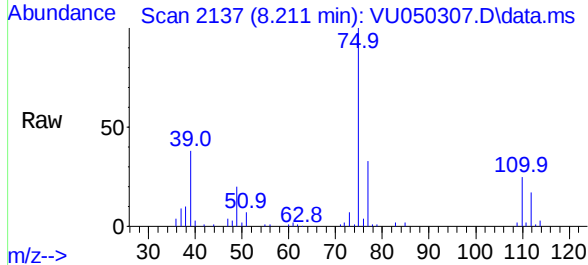


Abundance Scan 2137 (8.211 min): VU050285.D\data.ms (-2144)

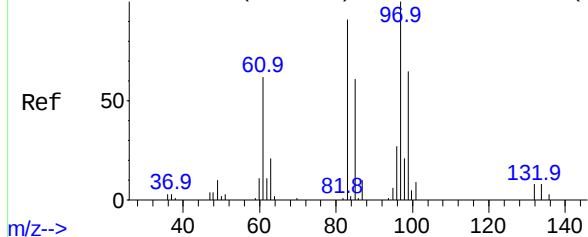


trans-1,3-Dichloropropene
Concen: 5.551 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 75 Resp: 43191
Ion Ratio Lower Upper
75 100
77 32.5 22.0 40.8



Abundance Scan 2196 (8.401 min): VU050285.D\data.ms (-2105) (-)



1,1,2-Trichloroethane

Concen: 6.285 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

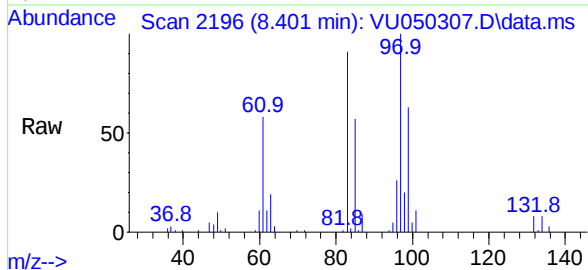
Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 32661

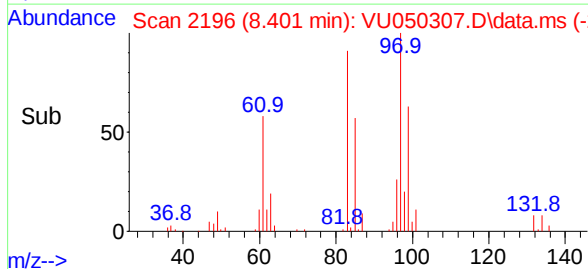
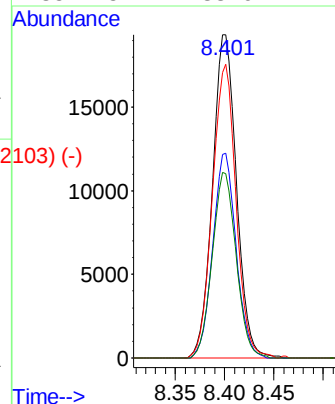
Ion Ratio Lower Upper

97 100

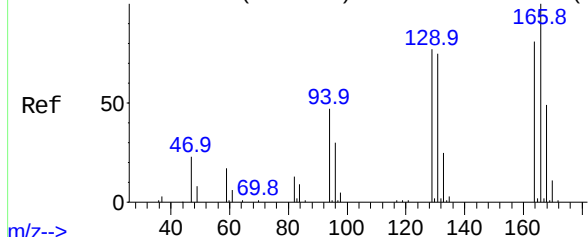
99 63.3 42.2 78.4

83 90.9 59.6 110.6

85 57.1 38.6 71.8



Abundance Scan 2244 (8.555 min): VU050285.D\data.ms (-2239) (-)



Tetrachloroethene

Concen: 5.912 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Tgt Ion: 164 Resp: 26739

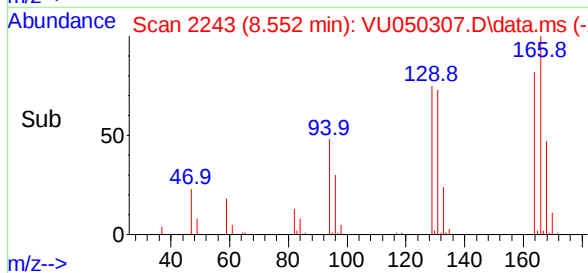
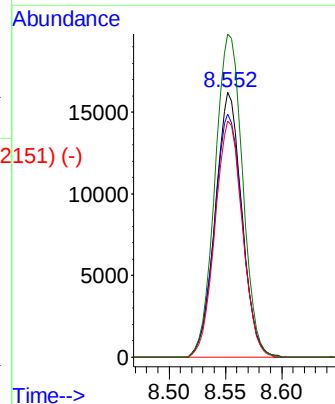
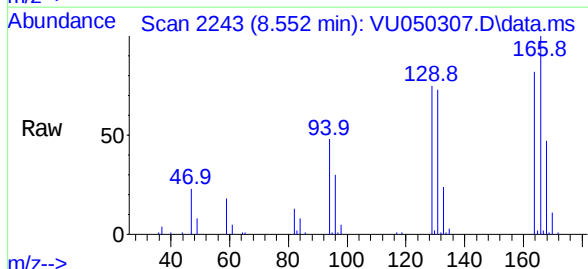
Ion Ratio Lower Upper

164 100

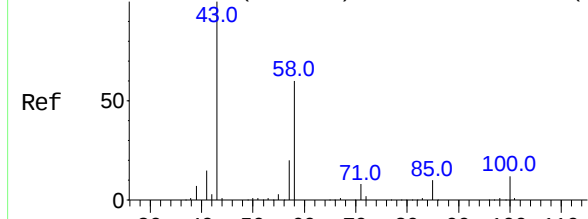
129 91.7 69.0 128.1

131 89.2 65.8 122.2

166 121.9 86.1 159.9

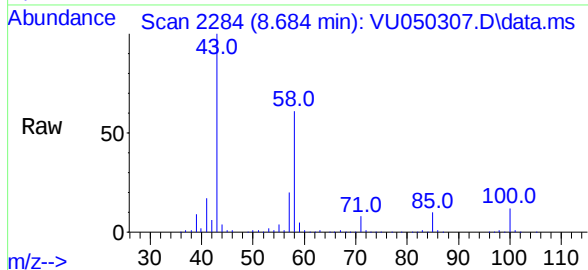


Abundance Scan 2285 (8.687 min): VU050285.D\data.ms (-2279) (-)

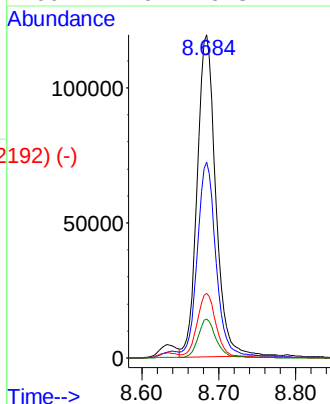
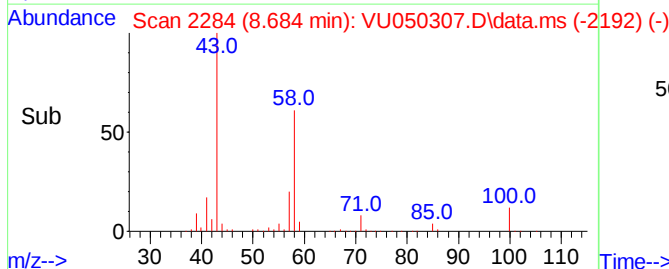


2-Hexanone
Concen: 63.750 ug/L
RT: 8.684 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

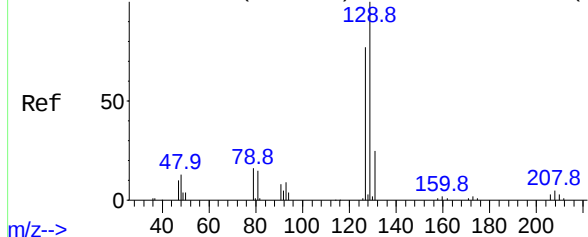
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	198540
Ion	Ratio	Lower	Upper
43	100		
58	62.9	50.6	76.0
57	20.6	16.0	24.0
100	11.9	9.8	14.8

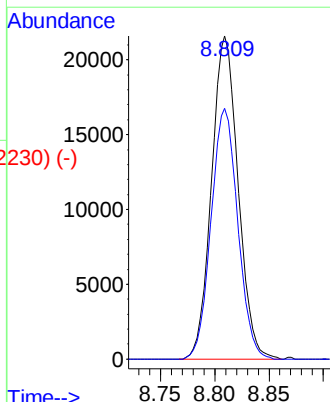
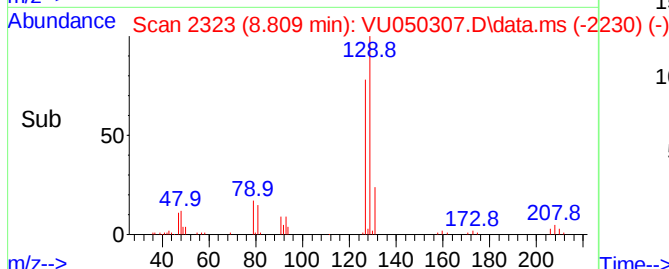
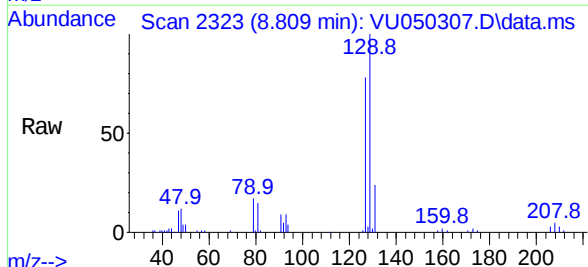


Abundance Scan 2323 (8.809 min): VU050285.D\data.ms (-2319) (-)

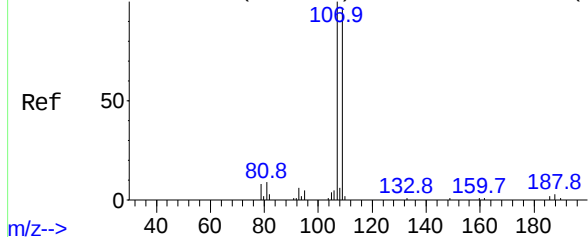


Dibromochloromethane
Concen: 6.357 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:	129	Resp:	36562
Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.3	102.7



Abundance Scan 2359 (8.925 min): VU050285.D\data.ms (-23450-)



1,2-Dibromoethane

Concen: 6.406 ug/L

RT: 8.922 min Scan# 2359

Delta R.T. -0.003 min

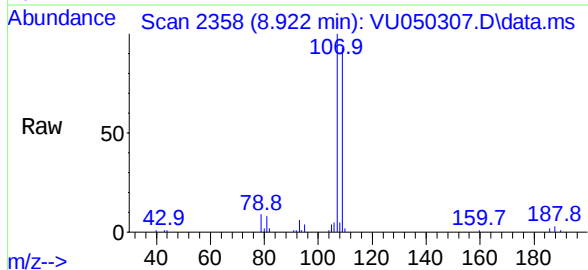
Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :



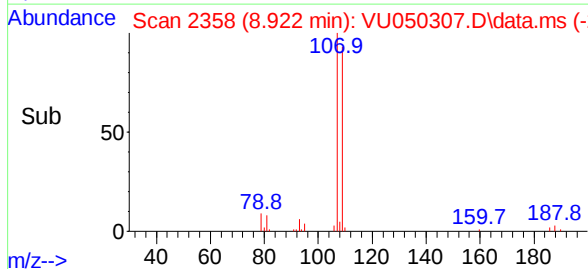
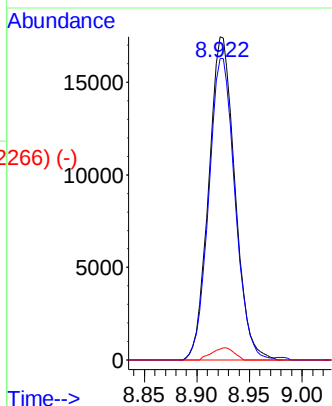
Tgt Ion:107 Resp: 30185

Ion Ratio Lower Upper

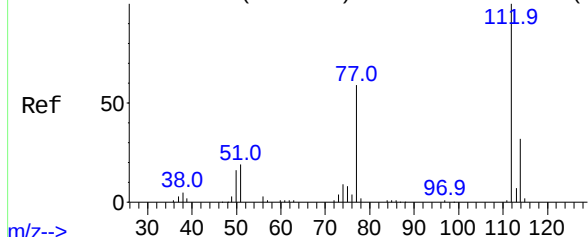
107 100

109 93.2 66.6 123.6

188 3.4 2.7 4.1



Abundance Scan 2521 (9.446 min): VU050285.D\data.ms (-25051-)



Chlorobenzene

Concen: 5.943 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

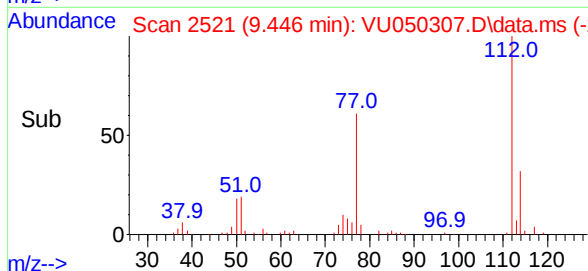
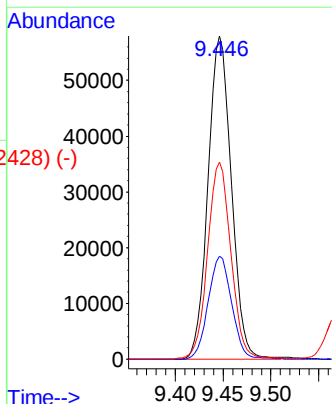
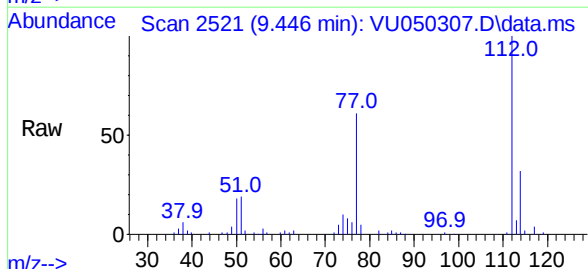
Tgt Ion:112 Resp: 97877

Ion Ratio Lower Upper

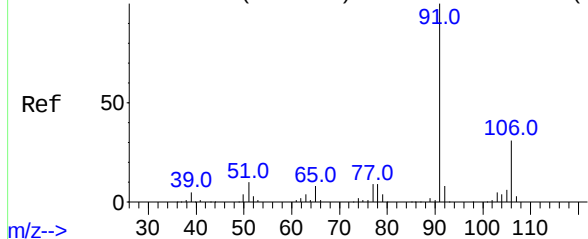
112 100

114 31.9 22.1 41.1

77 61.0 46.3 69.5



Abundance Scan 2560 (9.571 min): VU050285.D\data.ms (-25452-)



Ethylbenzene

Concen: 5.790 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

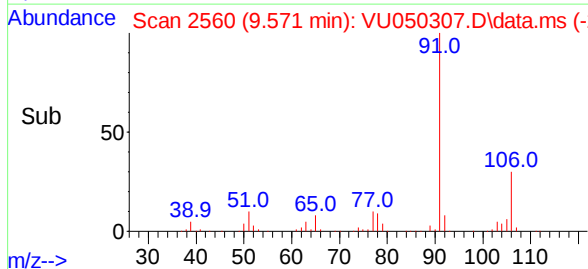
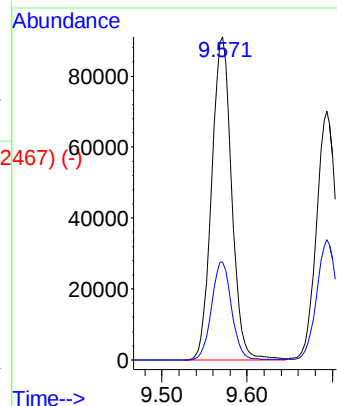
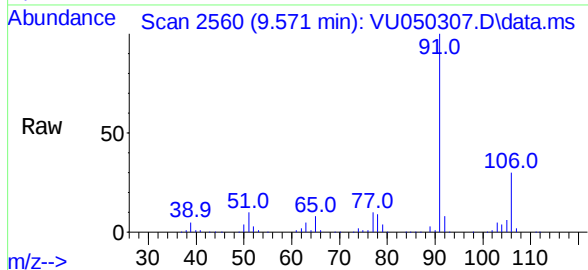
ClientSampleId :

Tgt Ion: 91 Resp: 147895

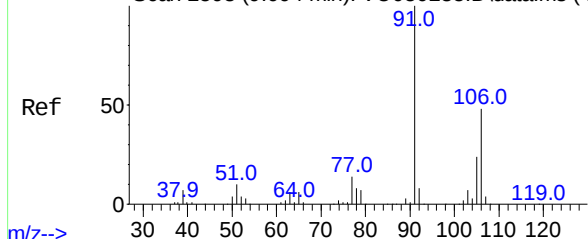
Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.5



Abundance Scan 2598 (9.694 min): VU050285.D\data.ms (-25453-)



m,p-Xylene

Concen: 6.086 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU050307.D

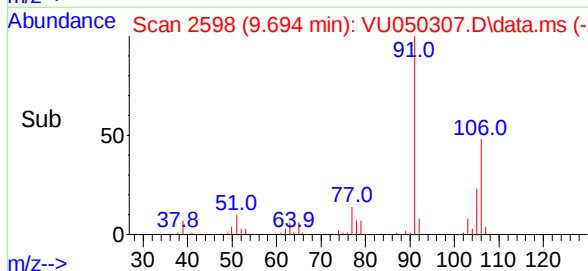
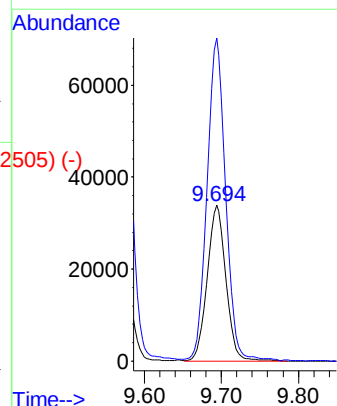
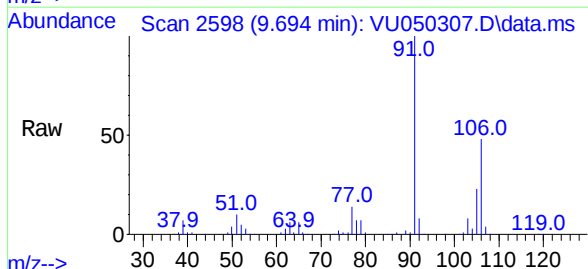
Acq: 13 Aug 2022 02:13

Tgt Ion:106 Resp: 57250

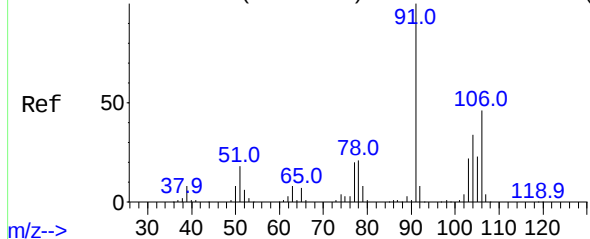
Ion Ratio Lower Upper

106 100

91 207.4 143.1 265.9



Abundance Scan 2725 (10.102 min): VU050285.D\data.ms (-2754) (-)

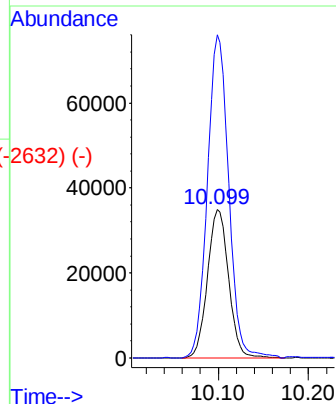
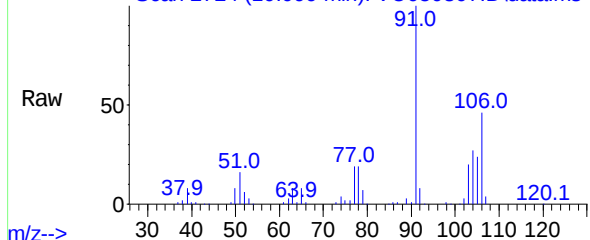


o-Xylene
Concen: 6.069 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

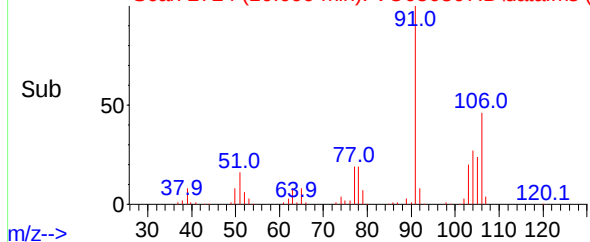
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 56984
Ion Ratio Lower Upper
106 100
91 217.6 149.4 277.4

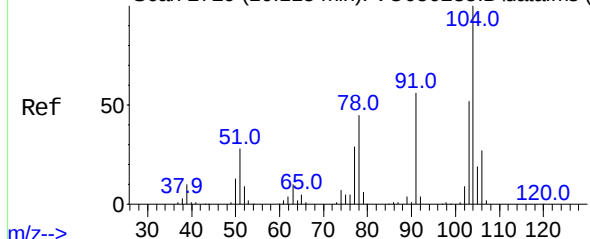
Abundance Scan 2724 (10.099 min): VU050307.D\data.ms



Abundance Scan 2724 (10.099 min): VU050307.D\data.ms (-2632) (-)



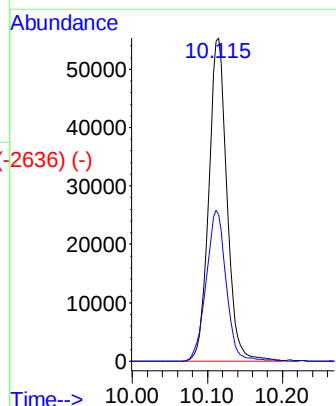
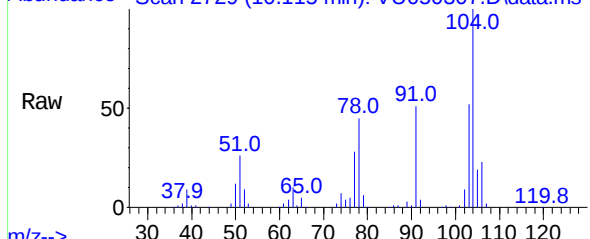
Abundance Scan 2729 (10.115 min): VU050285.D\data.ms (-2755) (-)



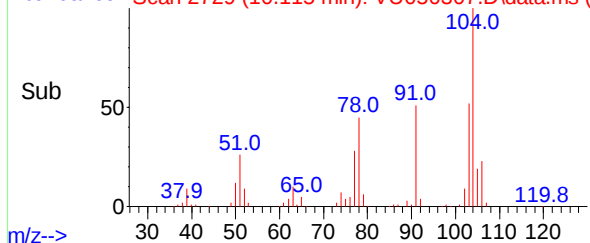
Styrene
Concen: 5.926 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:104 Resp: 92957
Ion Ratio Lower Upper
104 100
78 45.3 31.9 59.3

Abundance Scan 2729 (10.115 min): VU050307.D\data.ms



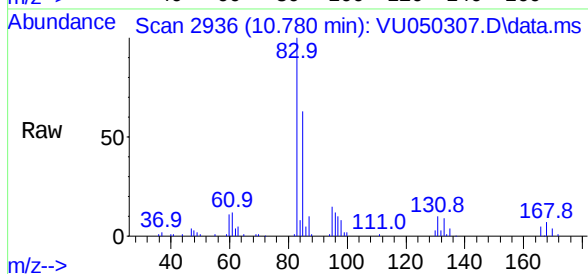
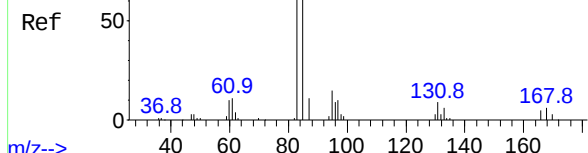
Abundance Scan 2729 (10.115 min): VU050307.D\data.ms (-2636) (-)



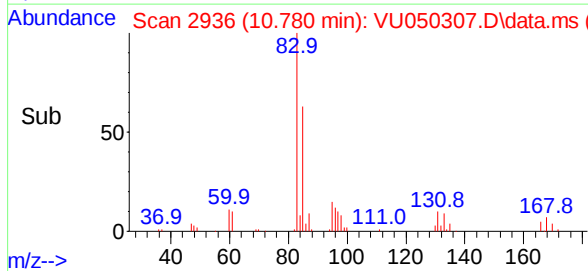
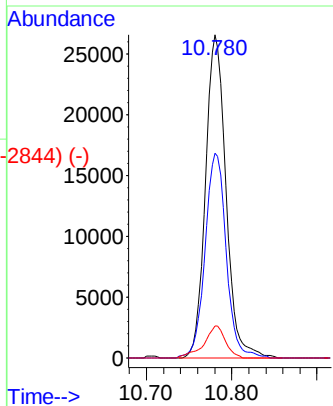
Abundance Scan 2937 (10.784 min): VU050285.D\data.ms (-2937) (-)

1,1,2,2-Tetrachloroethane
Concen: 6.482 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :

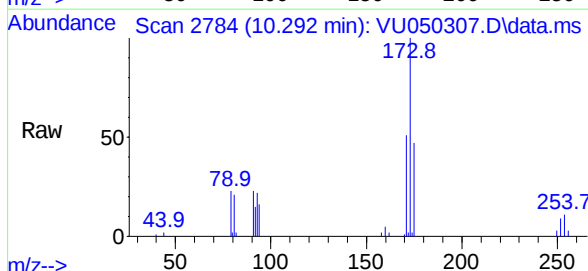
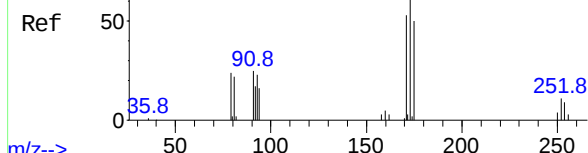


Tgt Ion:	83	Resp:	44266
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.2	84.0
131	9.8	6.6	9.8

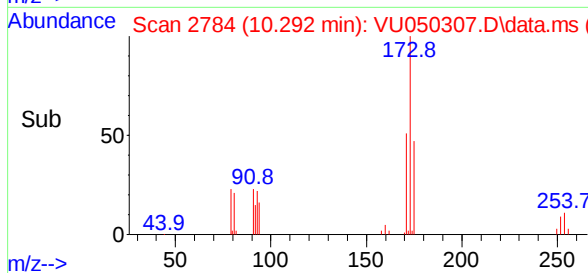
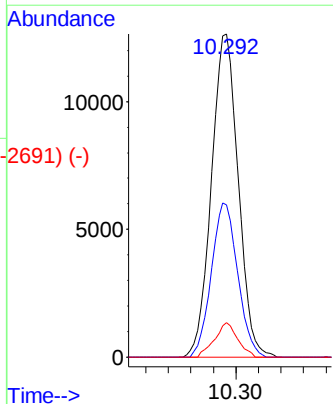


Abundance Scan 2784 (10.292 min): VU050285.D\data.ms (-2784) (-)

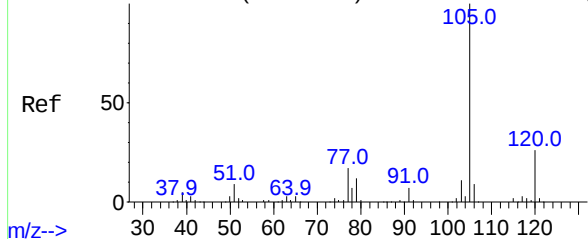
Bromoform
Concen: 5.809 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13



Tgt Ion:	173	Resp:	20858
Ion	Ratio	Lower	Upper
173	100		
175	46.8	37.0	55.6
254	9.2	7.4	11.0

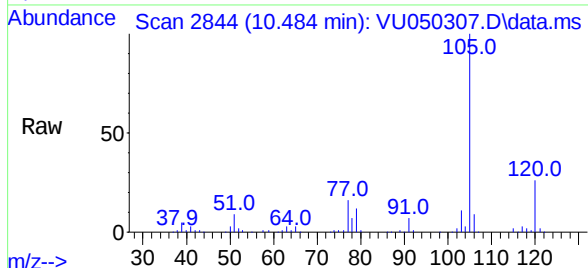


Abundance Scan 2844 (10.485 min): VU050285.D\data.ms (-269) (-)

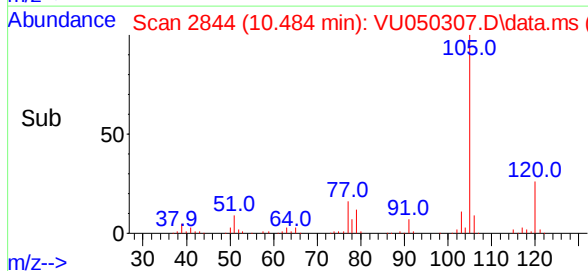
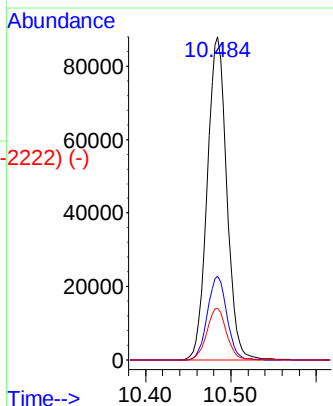


Isopropylbenzene
Concen: 5.835 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

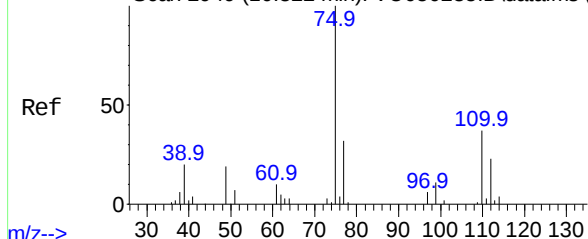
Instrument :
MSVOA_U
ClientSampleId :



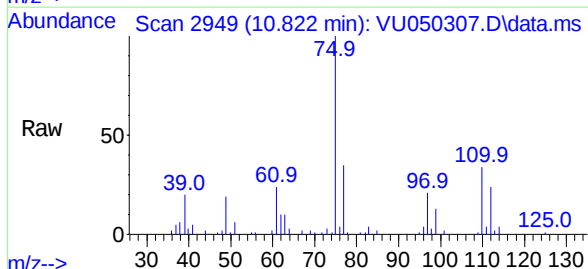
Tgt Ion:105 Resp: 139517
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.1 12.6 19.0



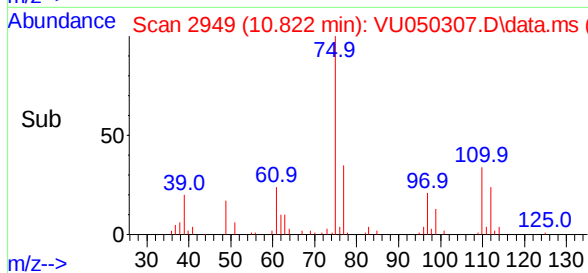
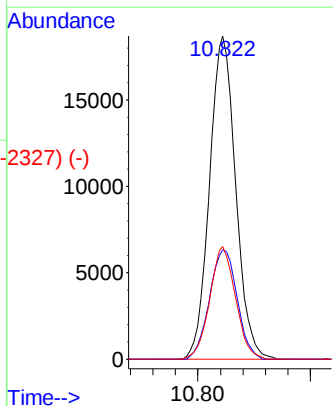
Abundance Scan 2949 (10.822 min): VU050285.D\data.ms (-269) (-)



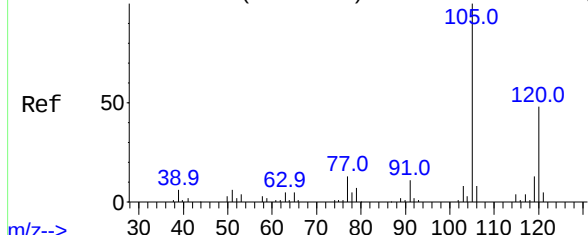
1,2,3-Trichloropropane
Concen: 6.156 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13



Tgt Ion: 75 Resp: 30027
Ion Ratio Lower Upper
75 100
110 35.7 28.5 42.7
77 34.4 25.8 38.6



Abundance Scan 3032 (11.089 min): VU050285.D\data.ms (-3032) (-)

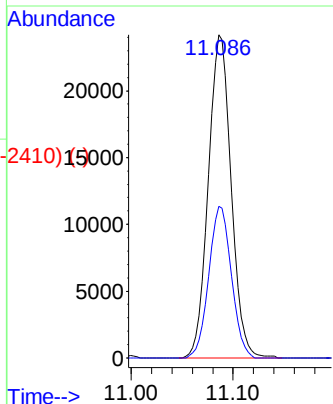
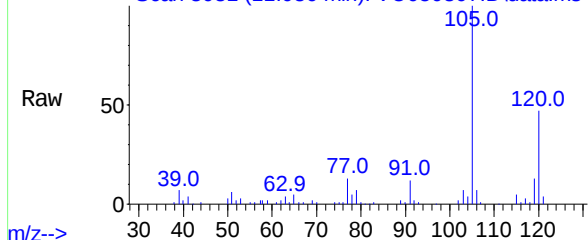


1,3,5-Trimethylbenzene
Concen: 5.567 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

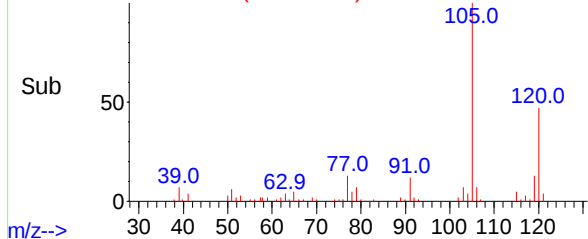
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 37611
Ion Ratio Lower Upper
105 100
120 46.4 38.9 58.3

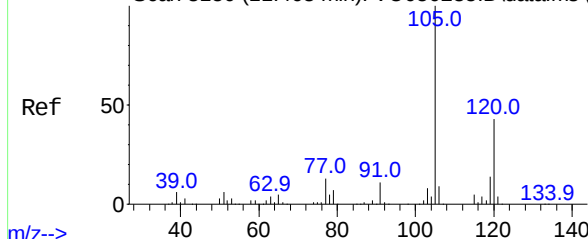
Abundance Scan 3031 (11.086 min): VU050307.D\data.ms



Abundance Scan 3031 (11.086 min): VU050307.D\data.ms (-2410)



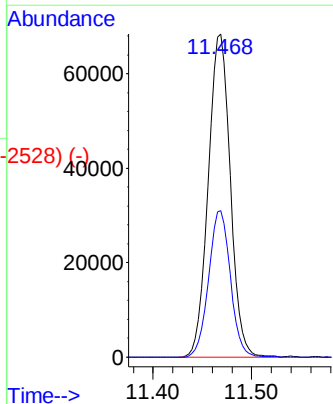
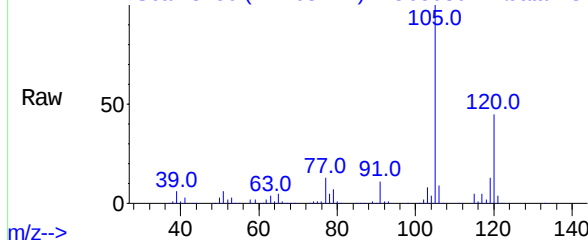
Abundance Scan 3150 (11.468 min): VU050285.D\data.ms (-3150) (-)



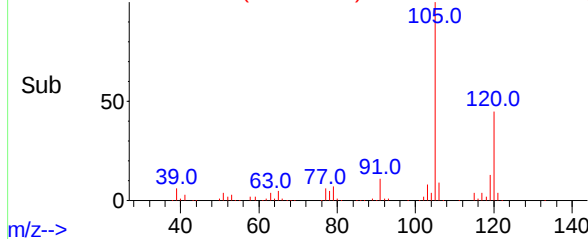
1,2,4-Trimethylbenzene
Concen: 5.795 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:105 Resp: 106662
Ion Ratio Lower Upper
105 100
120 44.6 35.9 53.9

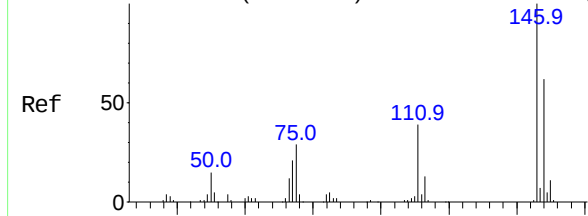
Abundance Scan 3150 (11.468 min): VU050307.D\data.ms



Abundance Scan 3150 (11.468 min): VU050307.D\data.ms (-2528) (-)



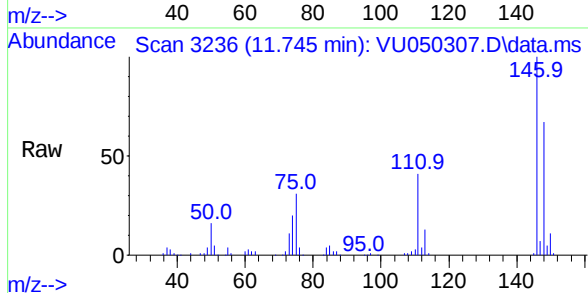
Abundance Scan 3236 (11.745 min): VU050285.D\data.ms (-3236) (-)



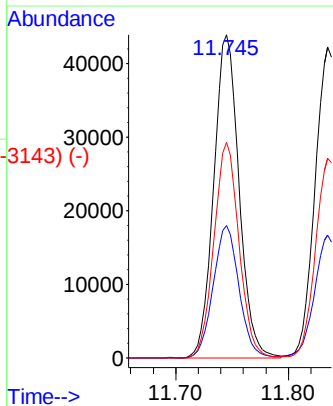
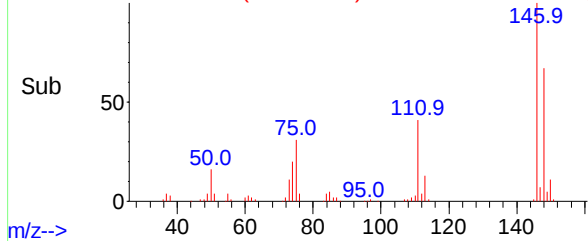
1,3-Dichlorobenzene
Concen: 5.687 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :

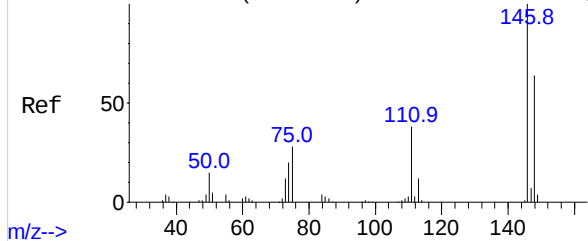
Tgt Ion:	146	Resp:	68547
Ion	Ratio	Lower	Upper
146	100		
111	40.9	29.9	55.5
148	66.7	45.8	85.2



Abundance Scan 3236 (11.745 min): VU050307.D\data.ms (-3143) (-)

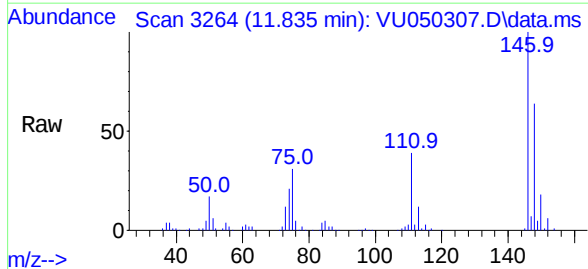


Abundance Scan 3265 (11.838 min): VU050285.D\data.ms (-3265) (-)

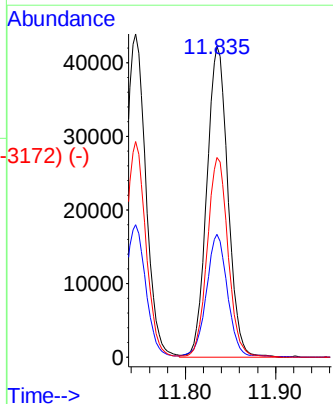
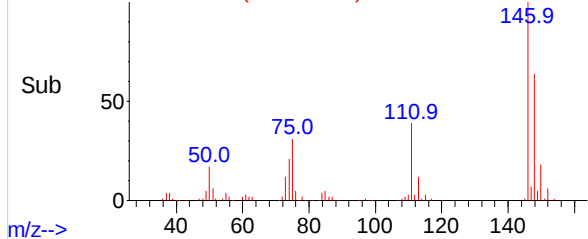


1,4-Dichlorobenzene
Concen: 5.871 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

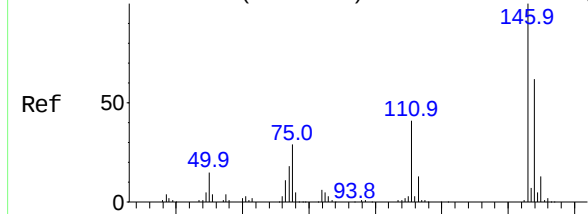
Tgt Ion:	146	Resp:	68856
Ion	Ratio	Lower	Upper
146	100		
111	39.4	28.1	52.1
148	64.2	44.6	82.8



Abundance Scan 3264 (11.835 min): VU050307.D\data.ms (-3172) (-)



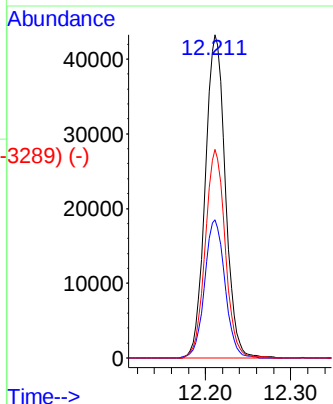
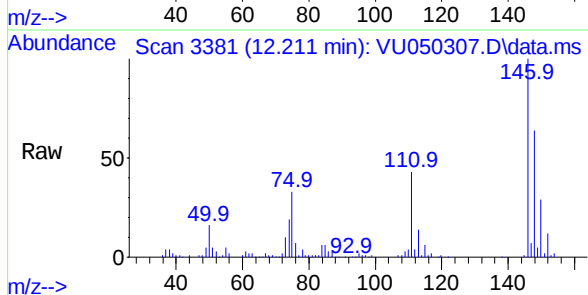
Abundance Scan 3382 (12.214 min): VU050285.D\data.ms (-3367) (-)



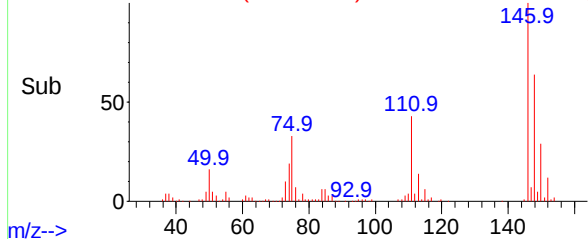
1,2-Dichlorobenzene
Concen: 6.056 ug/L
RT: 12.211 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :

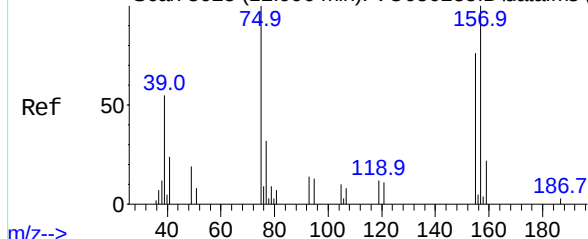
Tgt Ion:	146	Resp:	70688
Ion	Ratio	Lower	Upper
146	100		
111	42.8	32.9	49.3
148	64.5	50.4	75.6



Abundance Scan 3381 (12.211 min): VU050307.D\data.ms (-3289) (-)

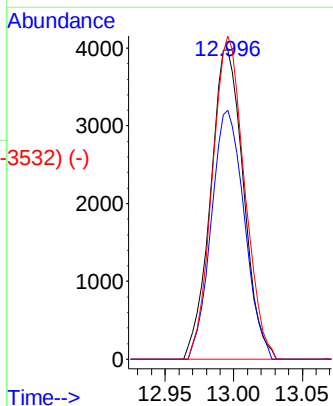
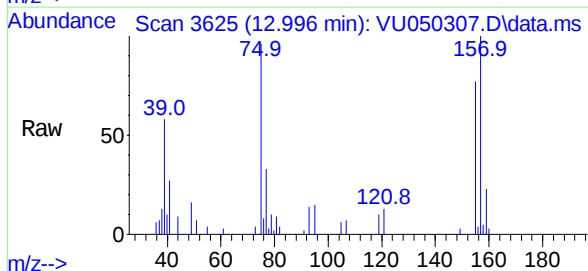


Abundance Scan 3625 (12.996 min): VU050285.D\data.ms (-3608) (-)

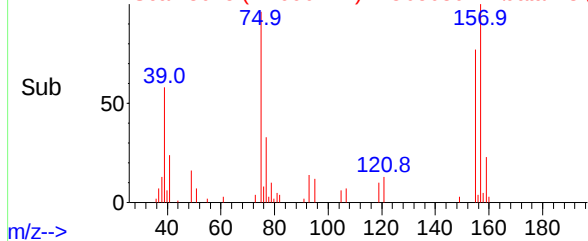


1,2-Dibromo-3-chloropropane
Concen: 6.921 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

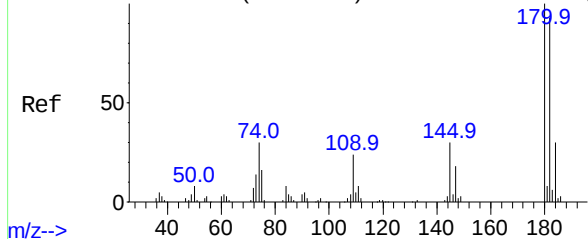
Tgt Ion:	75	Resp:	6619
Ion	Ratio	Lower	Upper
75	100		
155	80.5	63.5	95.3
157	104.4	85.0	127.6



Abundance Scan 3625 (12.996 min): VU050307.D\data.ms (-3532) (-)



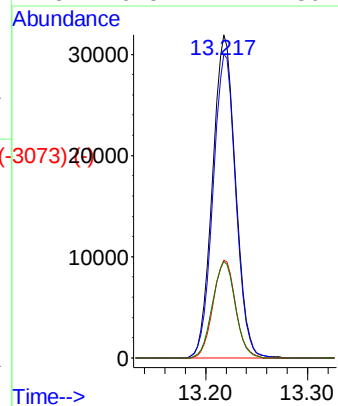
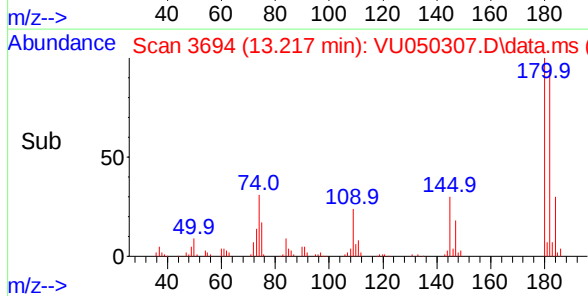
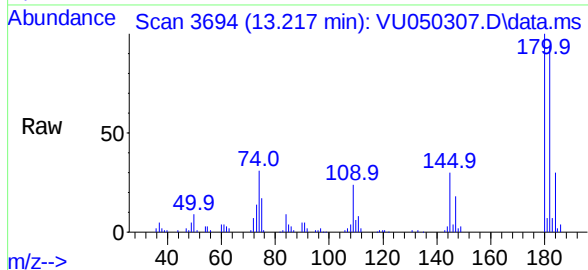
Abundance Scan 3695 (13.221 min): VU050285.D\data.ms (-3695) (-)



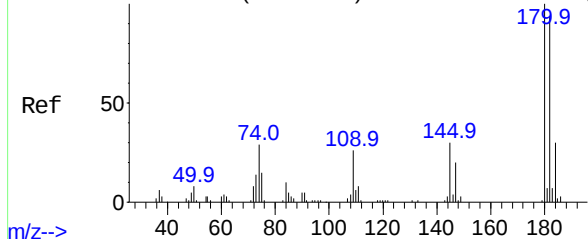
1,3,5-Trichlorobenzene
Concen: 5.832 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	180	Resp:	50071
Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.3	115.9
184	29.4	24.1	36.1
145	29.5	24.2	36.2

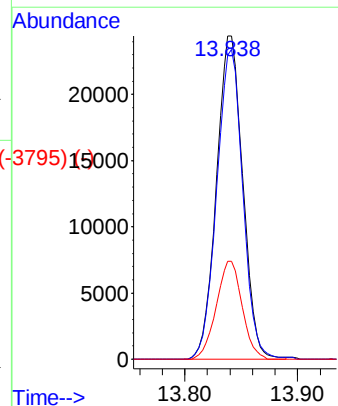
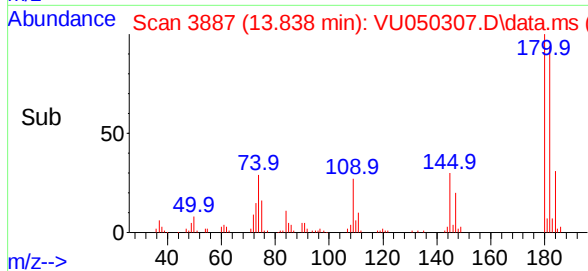
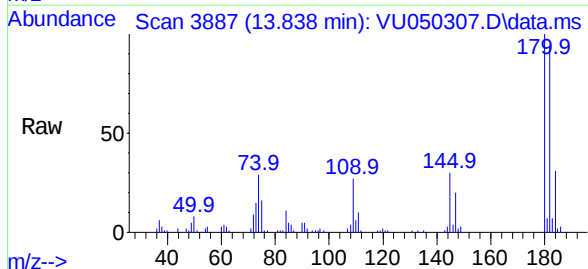


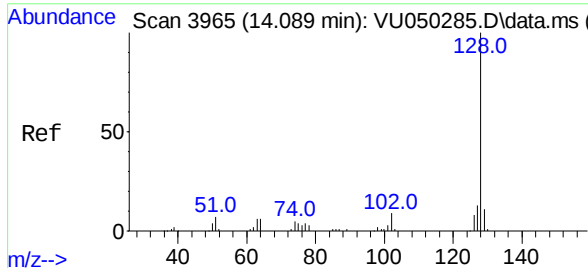
Abundance Scan 3888 (13.841 min): VU050285.D\data.ms (-3876) (-)



1,2,4-trichlorobenzene
Concen: 6.063 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:	180	Resp:	39444
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	29.8	24.2	36.4





Naphthalene

Concen: 6.153 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

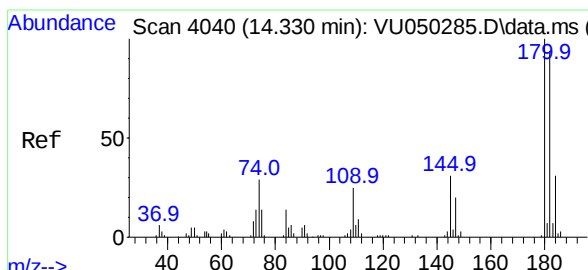
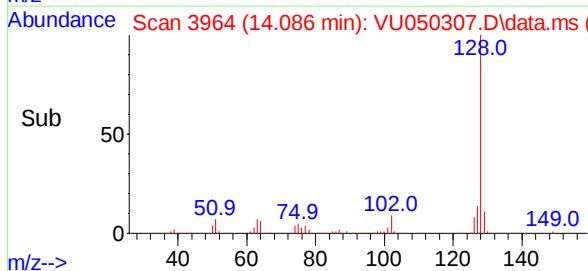
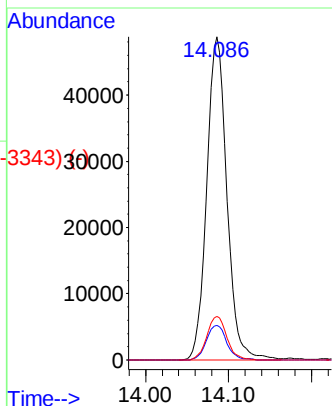
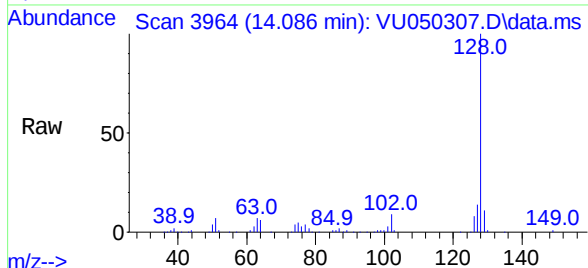
Tgt Ion:128 Resp: 82075

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.4 10.6 16.0



1,2,3-Trichlorobenzene

Concen: 6.386 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Tgt Ion:180 Resp: 42116

Ion Ratio Lower Upper

180 100

182 94.3 77.5 116.3

145 32.4 25.8 38.6

