

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055519.D
 Acq On : 26 Sep 2023 16:15
 Operator : MD/SY
 Sample : 04530-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:50:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

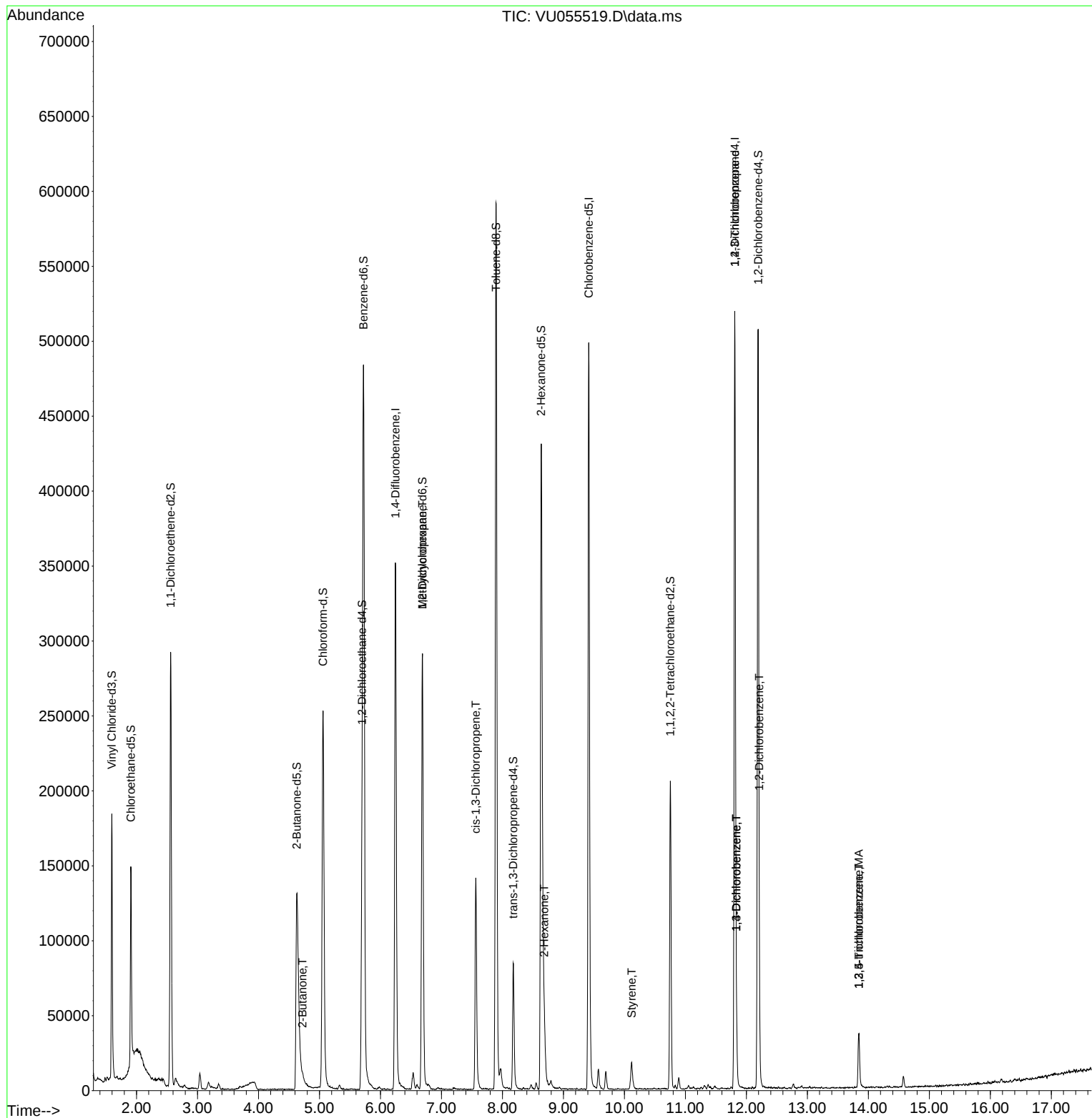
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	293270	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	293423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	142304	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	131651	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.907	69	92109	3.526	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.560	65	54178	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.628	46	241254	45.062	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.120%
24) Chloroform-d	5.058	84	234141	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.698	65	113262	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.724	84	475214	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.689	67	144489	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.894	98	412947	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	51660	4.800	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.634	63	147328	45.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105391	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	136930	4.767	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
21) 2-Butanone	4.721	43	7641	1.707	ug/L	89
35) Methylcyclohexane	6.689	83	34575	1.005	ug/L #	20
39) cis-1,3-Dichloropropene	7.563	75	3604	0.122	ug/L #	71
48) 2-Hexanone	8.685	43	25897	3.335	ug/L #	81
55) Styrene	10.119	104	9628	0.169	ug/L	94
61) 1,2,3-Trichloropropane	11.811	75	20329	1.830	ug/L #	60
64) 1,3-Dichlorobenzene	11.836	146	14732	0.375	ug/L	91
65) 1,4-Dichlorobenzene	11.836	146	14732	0.375	ug/L	90
67) 1,2-Dichlorobenzene	12.209	146	13490	0.375	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.846	180	13244	0.490	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	13244	0.642	ug/L	98

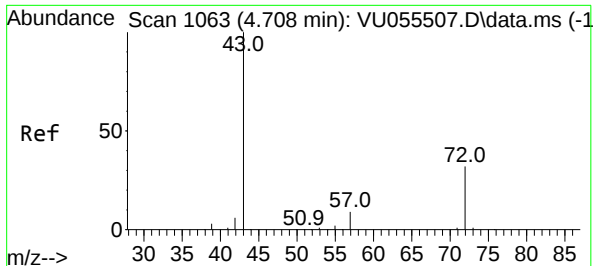
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 27 04:44:22 2023
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#21

2-Butanone

Concen: 1.707 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.013 min

Lab File: VU055519.D

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Instrument :

MSVOA_U

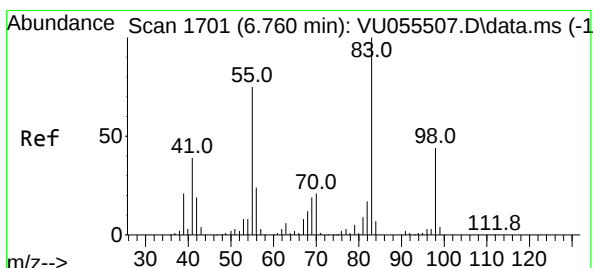
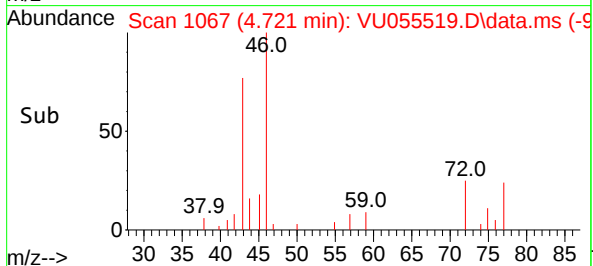
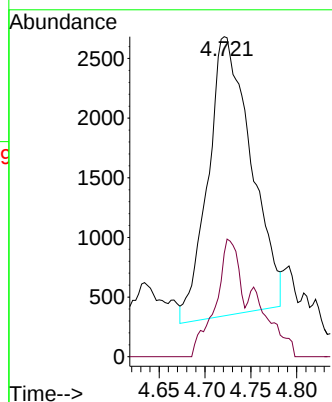
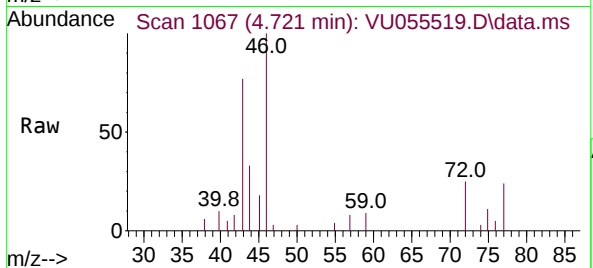
ClientSampleId :

Tgt Ion: 43 Resp: 7641

Ion Ratio Lower Upper

43 100

72 24.0 15.1 45.3



#35

Methylcyclohexane

Concen: 1.005 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055519.D

Acq: 26 Sep 2023 16:15

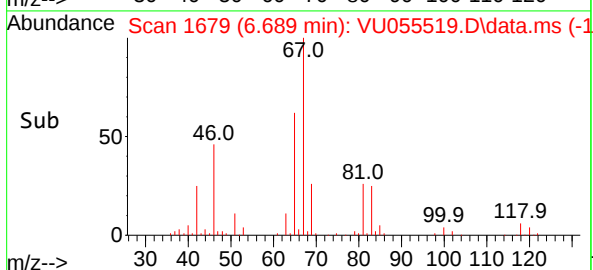
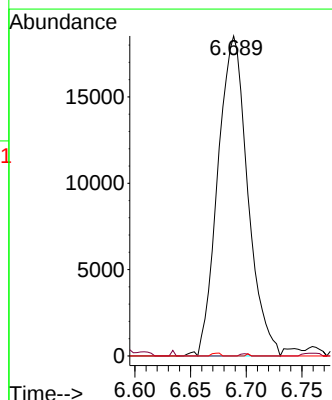
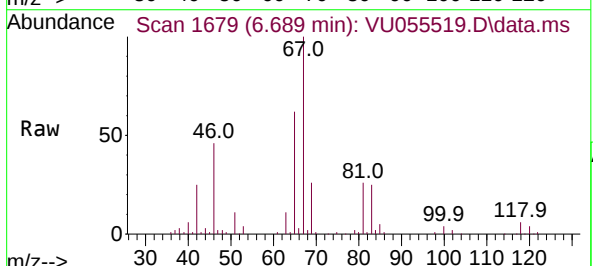
Tgt Ion: 83 Resp: 34575

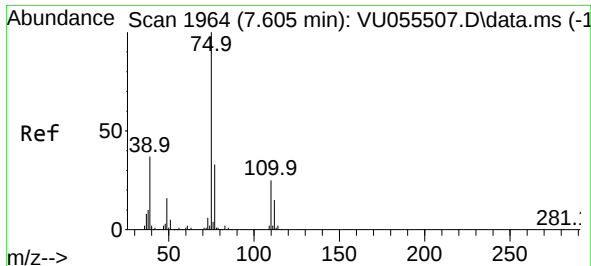
Ion Ratio Lower Upper

83 100

55 0.2 59.1 88.7#

98 0.3 36.3 54.5#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055519.D

Acq: 26 Sep 2023 16:15

Instrument :

MSVOA_U

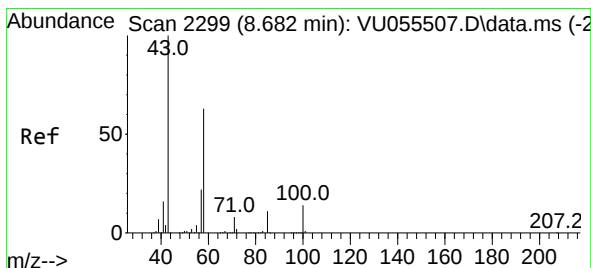
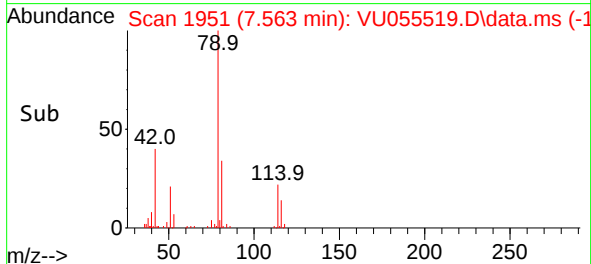
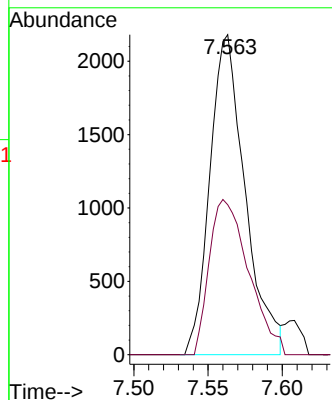
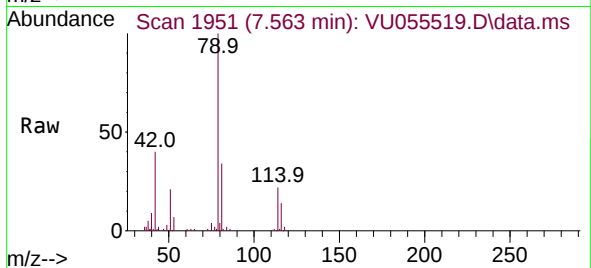
ClientSampleId :

Tgt Ion: 75 Resp: 3604

Ion Ratio Lower Upper

75 100

77 46.9 21.6 40.2#



#48

2-Hexanone

Concen: 3.335 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055519.D

Acq: 26 Sep 2023 16:15

Tgt Ion: 43 Resp: 25897

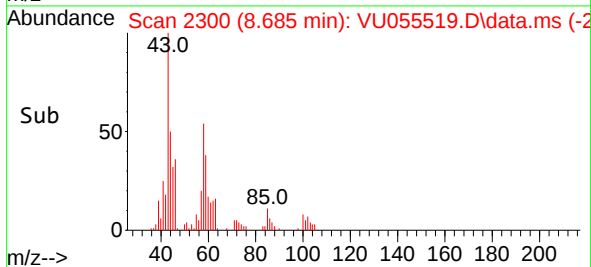
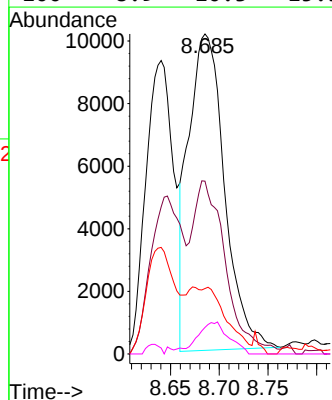
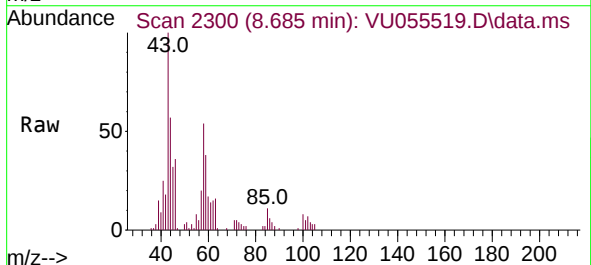
Ion Ratio Lower Upper

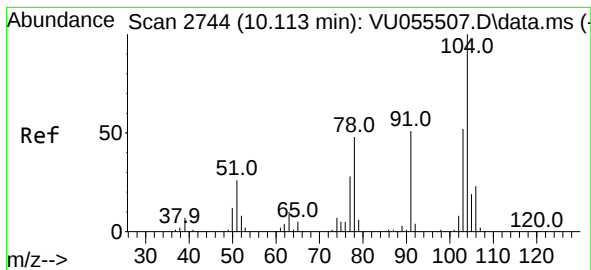
43 100

58 51.0 48.5 72.7

57 1.2 17.0 25.4#

100 8.9 10.3 15.5#





#55

Styrene

Concen: 0.169 ug/L

RT: 10.119 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU055519.D

Acq: 26 Sep 2023 16:15

Instrument :

MSVOA_U

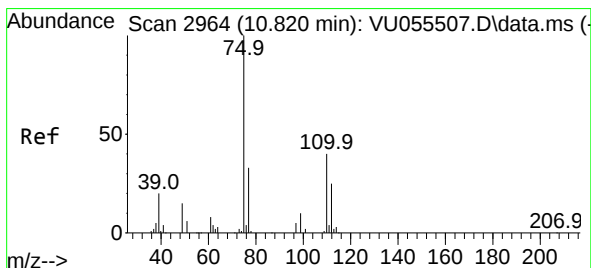
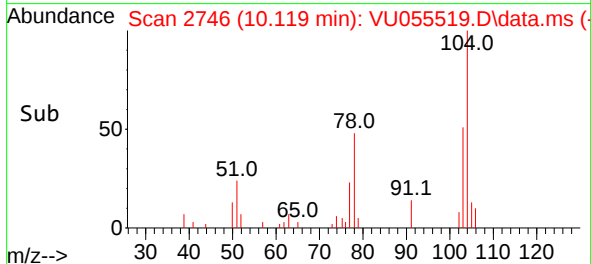
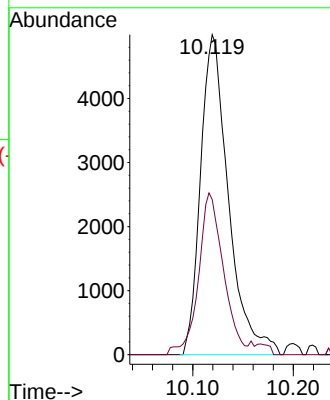
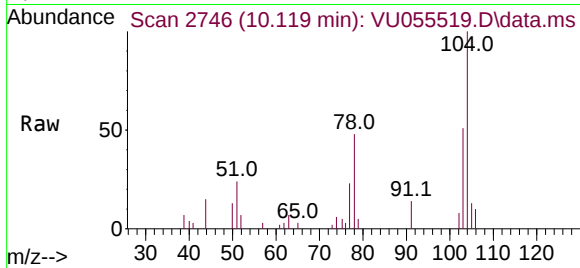
ClientSampleId :

Tgt Ion:104 Resp: 9628

Ion Ratio Lower Upper

104 100

78 48.5 31.2 58.0



#61

1,2,3-Trichloropropane

Concen: 1.830 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055519.D

Acq: 26 Sep 2023 16:15

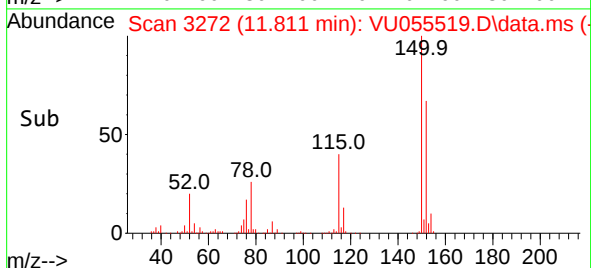
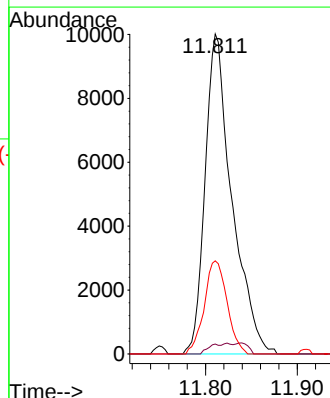
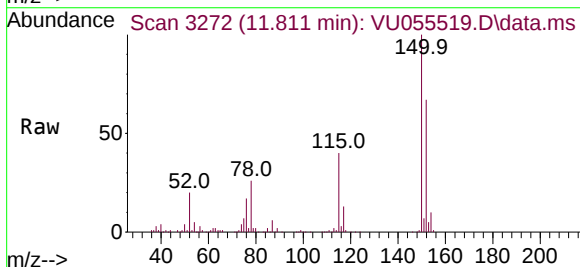
Tgt Ion: 75 Resp: 20329

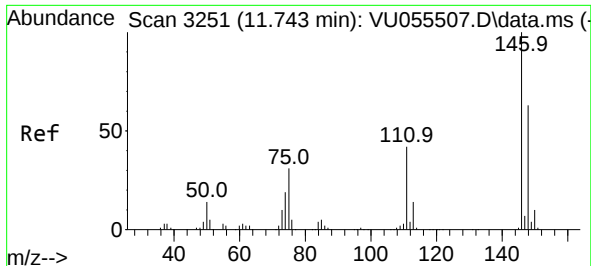
Ion Ratio Lower Upper

75 100

110 1.3 30.6 45.8#

77 24.7 26.7 40.1#

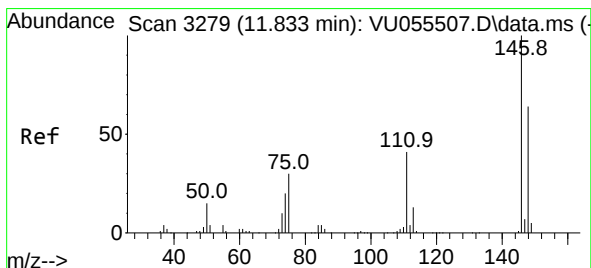
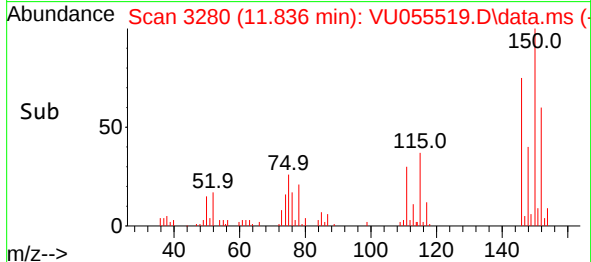
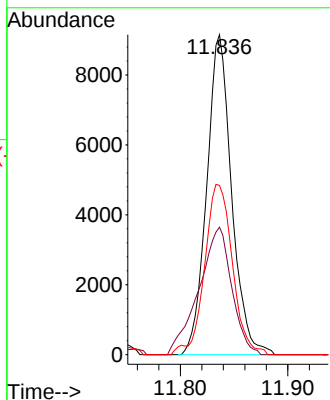
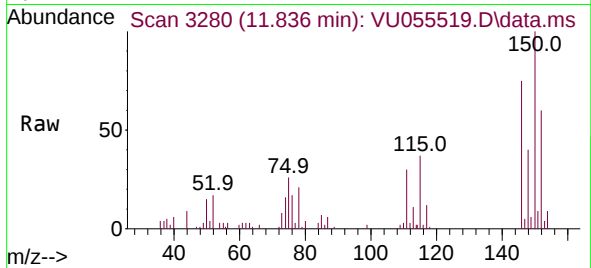




#64
1,3-Dichlorobenzene
Concen: 0.375 ug/L
RT: 11.836 min Scan# 31
Delta R.T. 0.093 min
Lab File: VU055519.D
Acq: 26 Sep 2023 16:15

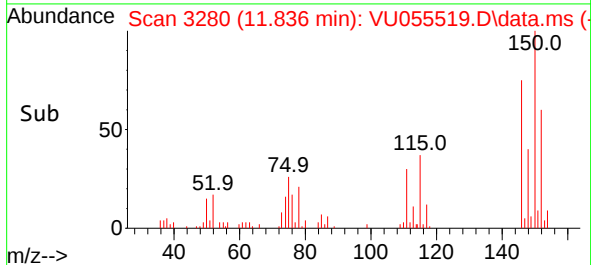
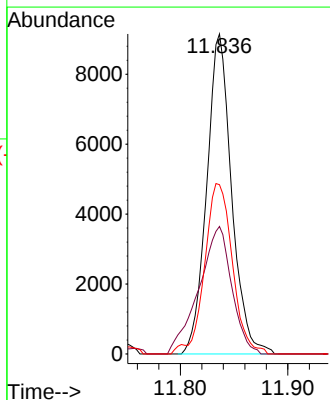
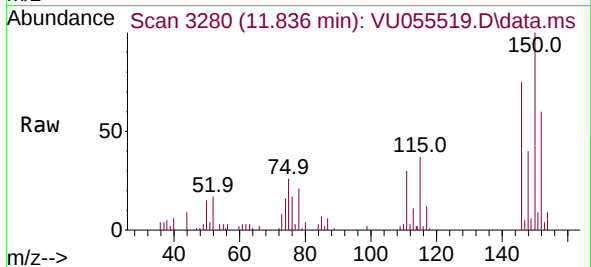
Instrument :
MSVOA_U
ClientSampleId :

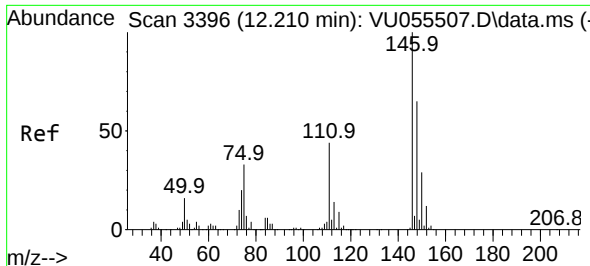
Tgt Ion:146 Resp: 14732
Ion Ratio Lower Upper
146 100
111 39.8 28.8 53.6
148 52.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 0.375 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU055519.D
Acq: 26 Sep 2023 16:15

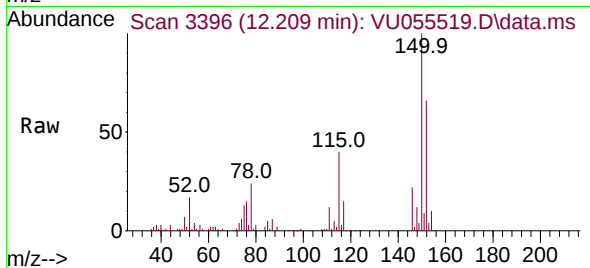
Tgt Ion:146 Resp: 14732
Ion Ratio Lower Upper
146 100
111 39.8 29.0 53.8
148 52.9 45.4 84.4



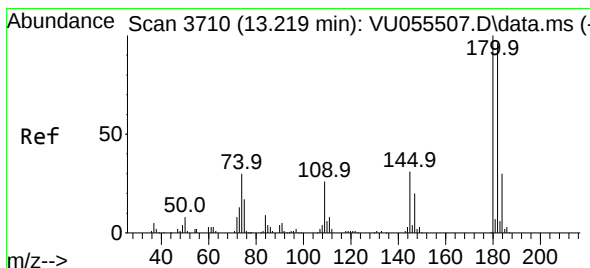
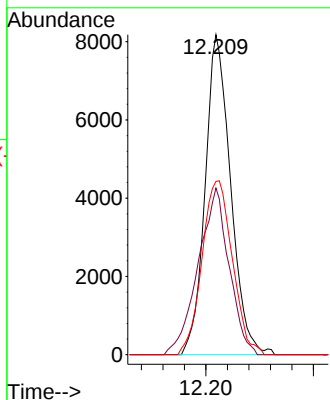
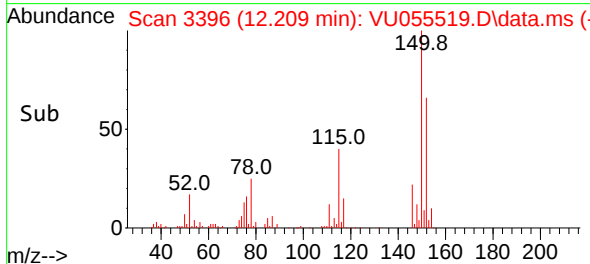


#67
1,2-Dichlorobenzene
Concen: 0.375 ug/L
RT: 12.209 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055519.D
Acq: 26 Sep 2023 16:15

Instrument :
MSVOA_U
ClientSampleId :

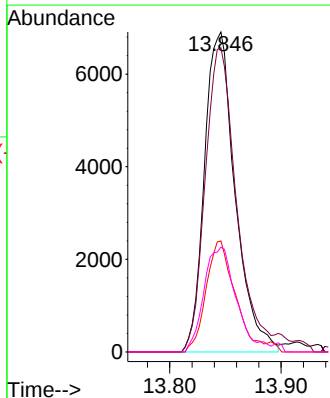
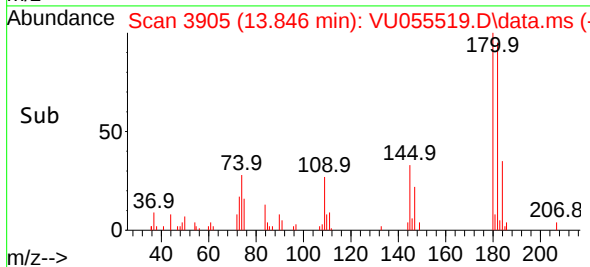
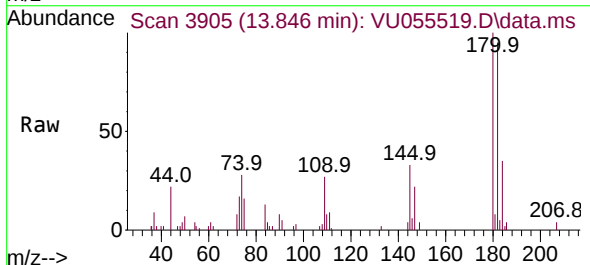


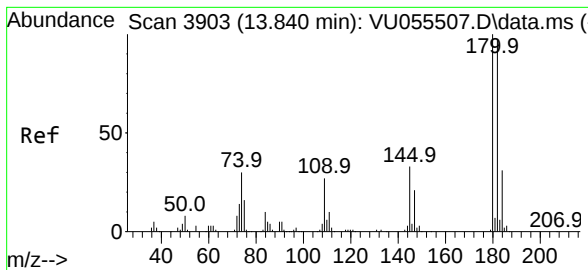
Tgt Ion:146 Resp: 13490
Ion Ratio Lower Upper
146 100
111 52.0 34.6 52.0#
148 54.2 51.8 77.8



#69
1,3,5-Trichlorobenzene
Concen: 0.490 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.627 min
Lab File: VU055519.D
Acq: 26 Sep 2023 16:15

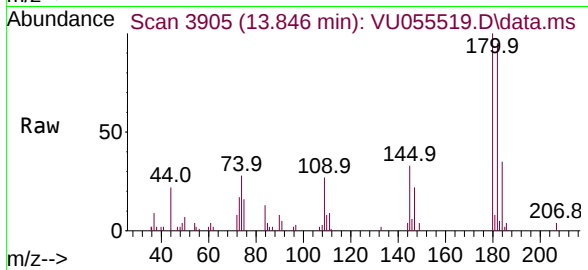
Tgt Ion:180 Resp: 13244
Ion Ratio Lower Upper
180 100
182 96.9 77.1 115.7
184 32.7 24.0 36.0
145 34.6 25.2 37.8





#70
 1,2,4-trichlorobenzene
 Concen: 0.642 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.006 min
 Lab File: VU055519.D
 Acq: 26 Sep 2023 16:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	13244
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.4	114.6
145	34.6	25.4	38.0

