

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052531.D
 Acq On : 23 Dec 2022 12:53
 Operator : JC/MD
 Sample : N6188-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL38

Quant Time: Dec 24 03:55:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

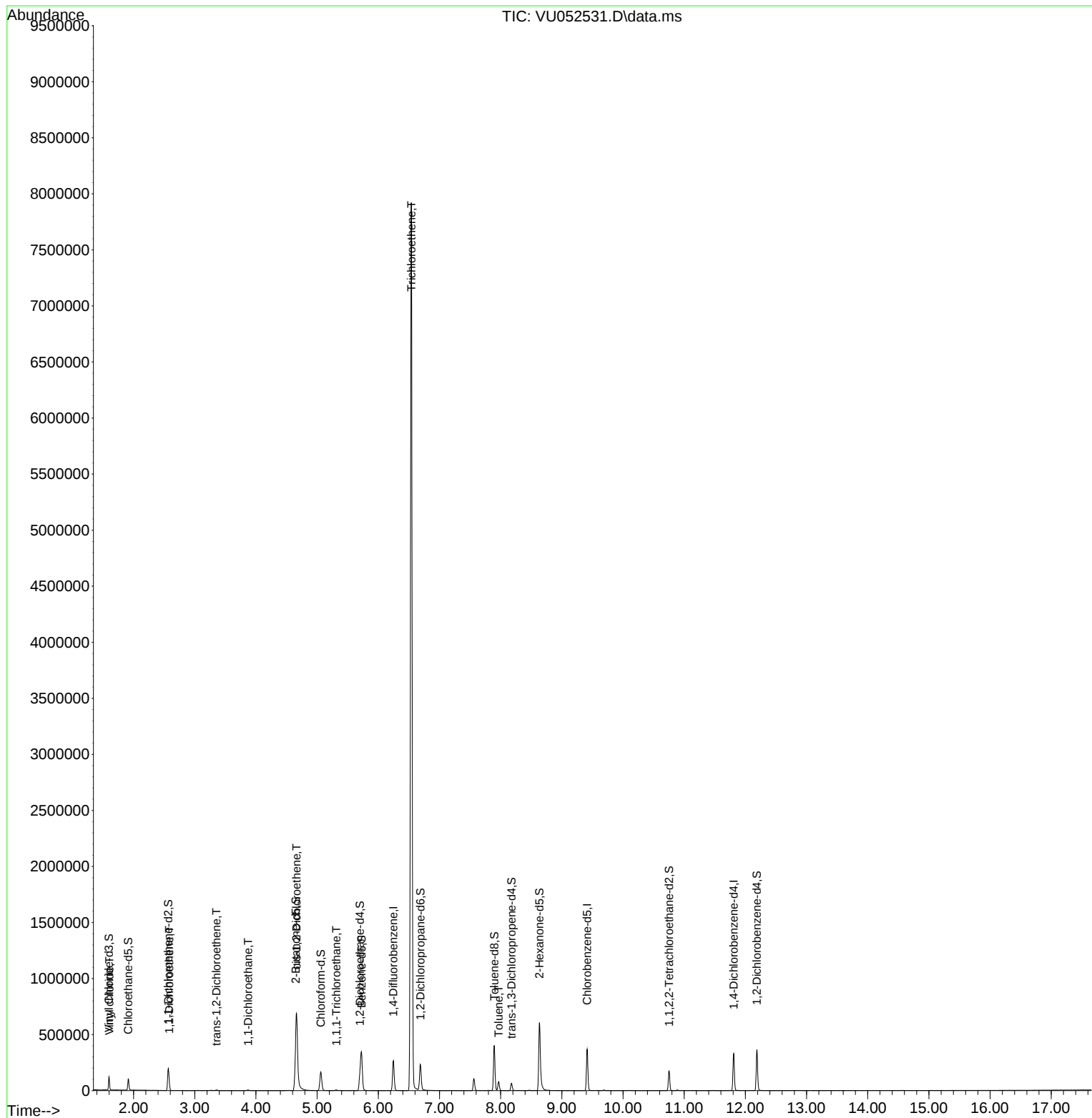
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	204726	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	196096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78761	3.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.912	69	75433	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.565	65	35799	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.652	46	321641	50.008	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.020%
24) Chloroform-d	5.060	84	157044	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	91845	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.726	84	321189	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.687	67	114098	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.896	98	259646	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.176	79	37925	4.786	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.632	63	220041	50.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	90485	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	91484	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	7479	0.314	ug/L	91
12) 1,1-Dichloroethene	2.581	96	10746	0.701	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	1915	0.121	ug/L	89
19) 1,1-Dichloroethane	3.874	63	8368	0.244	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	303825	17.520	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	4317	0.175	ug/L	98
34) Trichloroethene	6.539	95	2734028	165.576	ug/L	98
42) Toluene	7.967	91	57204	0.845	ug/L	99

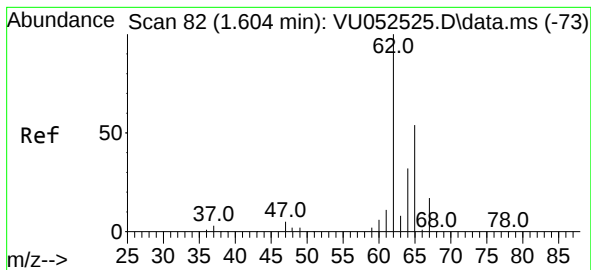
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052531.D
Acq On : 23 Dec 2022 12:53
Operator : JC/MD
Sample : N6188-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COL38

Quant Time: Dec 24 03:55:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.314 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052531.D

Acq: 23 Dec 2022 12:53

Instrument :

MSVOA_U

ClientSampleId :

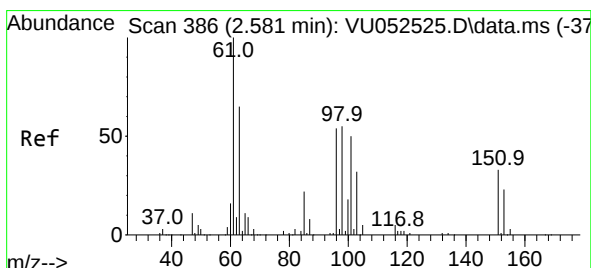
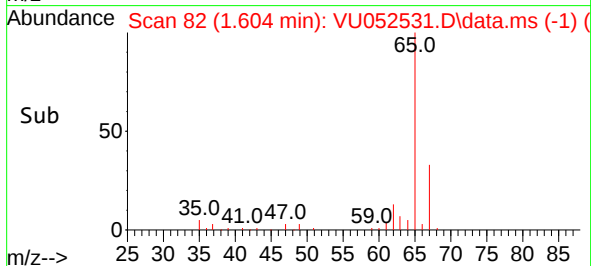
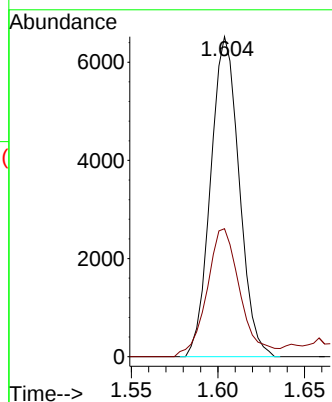
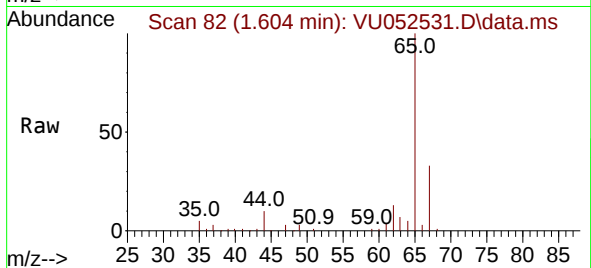
COL38

Tgt Ion: 62 Resp: 7479

Ion Ratio Lower Upper

62 100

64 40.0 24.4 45.4



#12

1,1-Dichloroethene

Concen: 0.701 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU052531.D

Acq: 23 Dec 2022 12:53

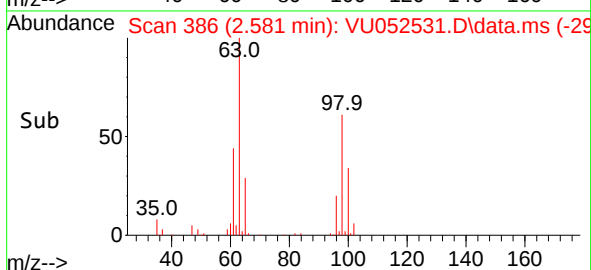
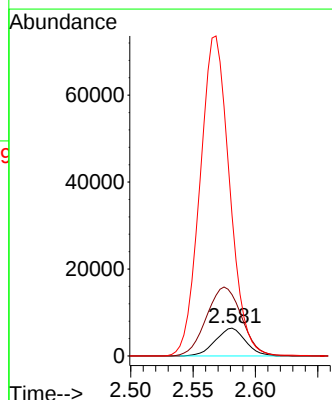
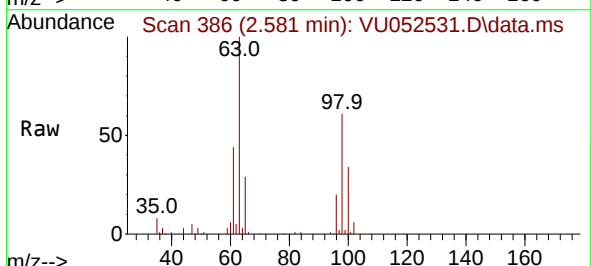
Tgt Ion: 96 Resp: 10746

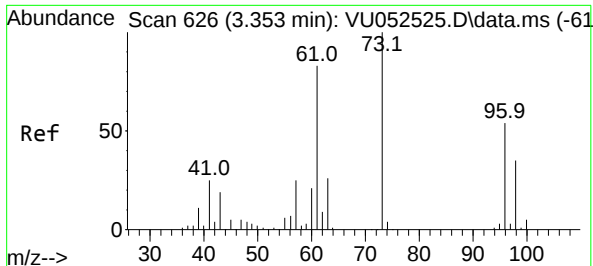
Ion Ratio Lower Upper

96 100

61 220.3 135.4 251.4

63 505.6 95.4 177.2#

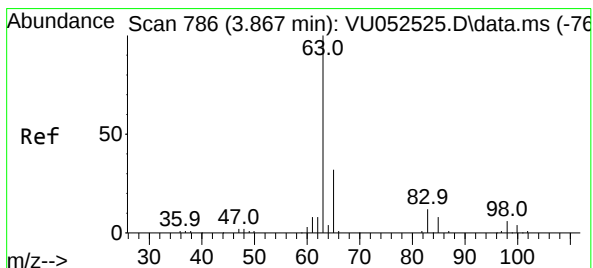
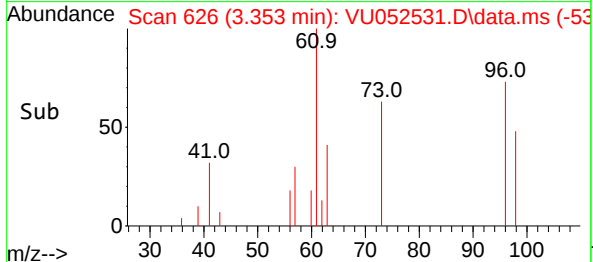
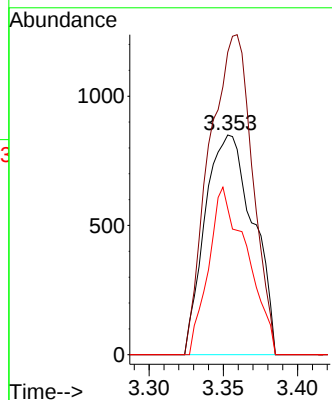
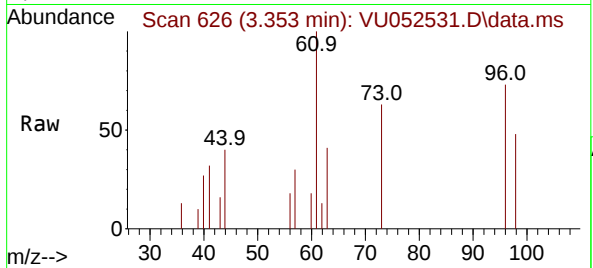




#18
trans-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052531.D
Acq: 23 Dec 2022 12:53

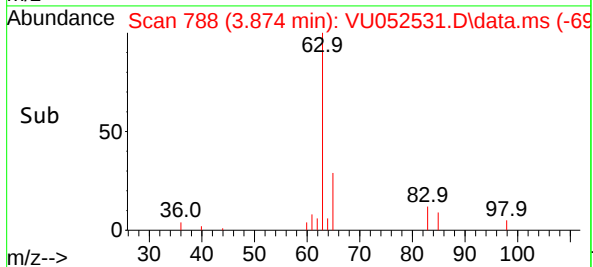
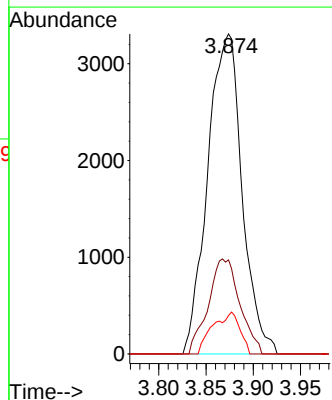
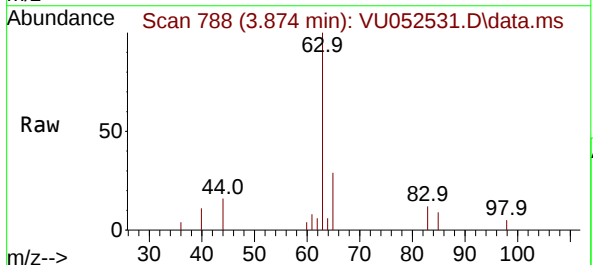
Instrument :
MSVOA_U
ClientSampleId :
COL38

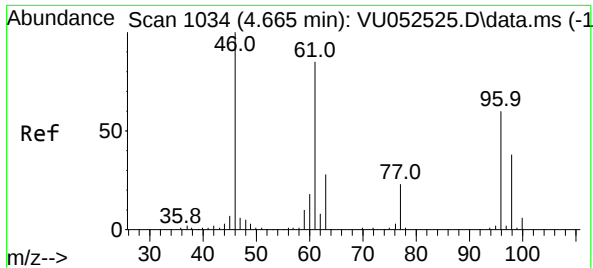
Tgt Ion: 96 Resp: 1915
Ion Ratio Lower Upper
96 100
61 137.6 108.3 201.1
98 66.6 44.0 81.6



#19
1,1-Dichloroethane
Concen: 0.244 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU052531.D
Acq: 23 Dec 2022 12:53

Tgt Ion: 63 Resp: 8368
Ion Ratio Lower Upper
63 100
65 29.4 22.0 40.8
83 12.0 9.0 16.8

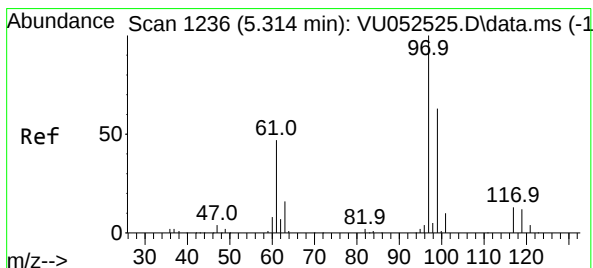
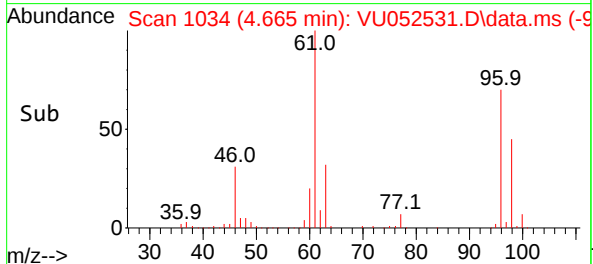
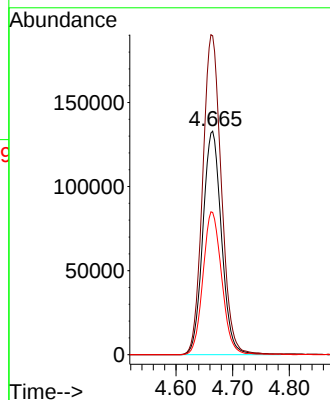
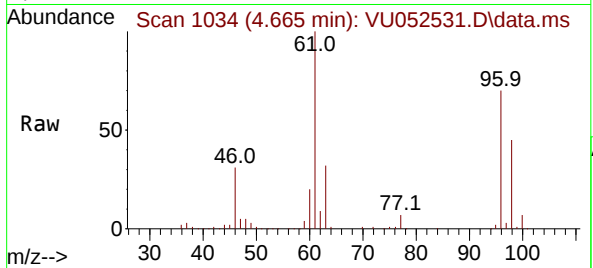




#22
 cis-1,2-Dichloroethene
 Concen: 17.520 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052531.D
 Acq: 23 Dec 2022 12:53

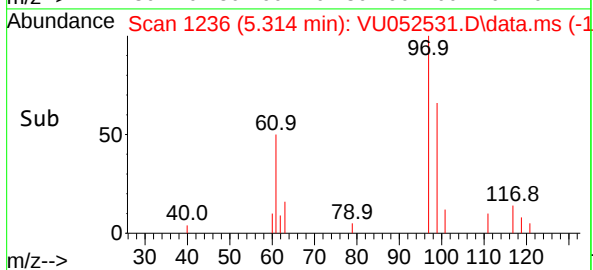
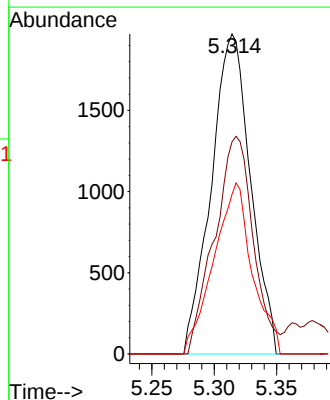
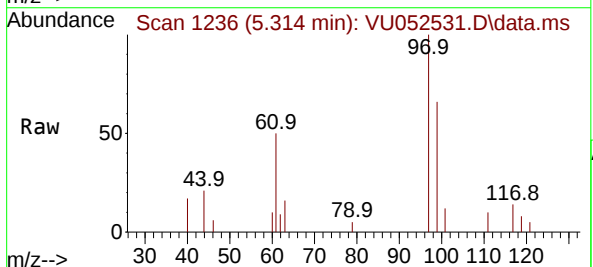
Instrument :
 MSVOA_U
 ClientSampleId :
 COL38

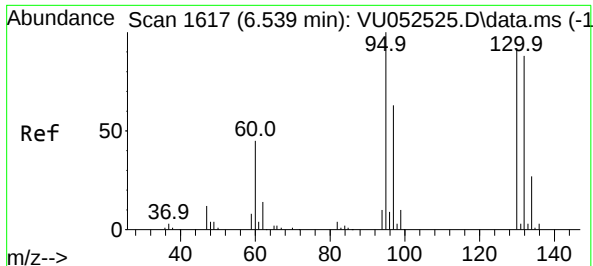
Tgt Ion: 96 Resp: 303825
 Ion Ratio Lower Upper
 96 100
 61 142.7 96.9 180.1
 98 63.6 44.7 83.1



#29
 1,1,1-Trichloroethane
 Concen: 0.175 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: VU052531.D
 Acq: 23 Dec 2022 12:53

Tgt Ion: 97 Resp: 4317
 Ion Ratio Lower Upper
 97 100
 99 67.6 52.2 78.2
 61 52.5 41.6 62.4



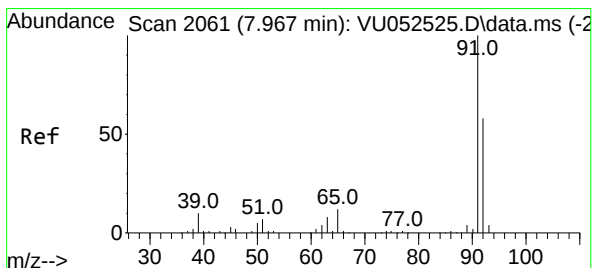
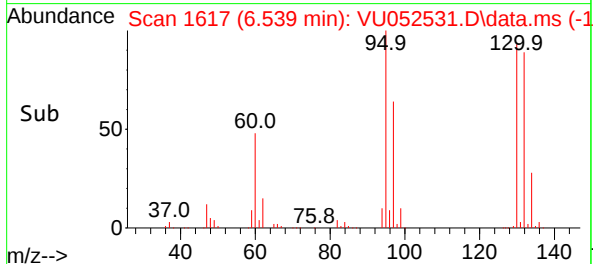
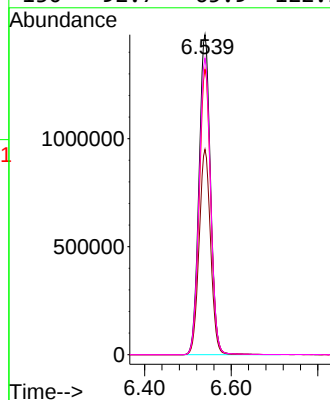
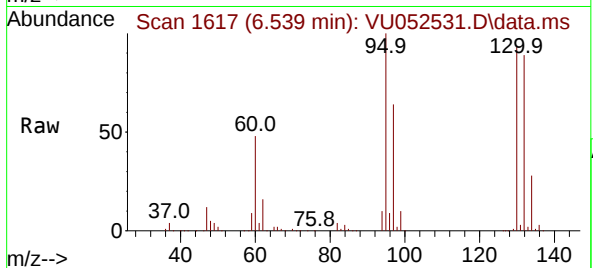


#34
Trichloroethene
Concen: 165.576 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052531.D
Acq: 23 Dec 2022 12:53

Instrument :
MSVOA_U
ClientSampleId :
COL38

Tgt Ion: 95 Resp: 2734028

Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.3	86.1
132	89.2	63.9	118.7
130	92.7	65.9	122.5



#42
Toluene
Concen: 0.845 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052531.D
Acq: 23 Dec 2022 12:53

Tgt Ion: 91 Resp: 57204

Ion	Ratio	Lower	Upper
91	100		
92	57.1	40.6	75.4

