

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051131.D
 Acq On : 05 Oct 2022 16:47
 Operator : JC/MD
 Sample : N4858-02ME
 Misc : 6.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 03:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

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

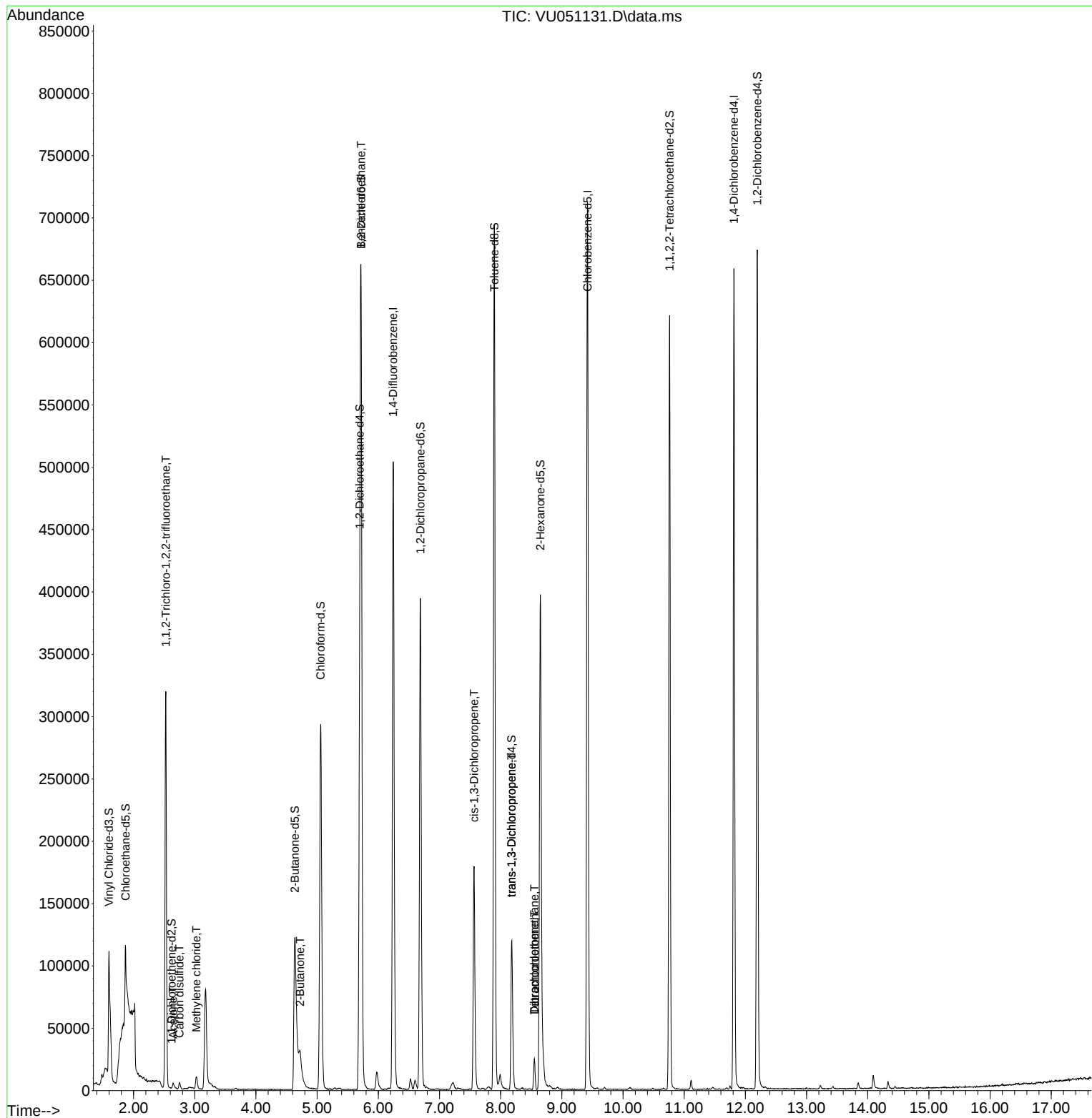
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	425305	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	432608	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128520	29.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.640%#
7) Chloroethane-d5	1.867	69	63222	15.790	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	31.580%#
11) 1,1-Dichloroethene-d2	2.620	63	41	0.006	ug/L	0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.020%#
21) 2-Butanone-d5	4.636	46	228713	81.813	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.810%
24) Chloroform-d	5.057	84	287268	41.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.740%
26) 1,2-Dichloroethane-d4	5.697	65	189637	44.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
32) Benzene-d6	5.719	84	586375	46.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
36) 1,2-Dichloropropane-d6	6.687	67	203062	49.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	7.896	98	488501	41.736	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.480%
43) trans-1,3-Dichloroprop...	8.179	79	77448	39.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.000%
47) 2-Hexanone-d5	8.649	63	139927	84.300	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.300%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	320562	44.619	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	180339	48.733	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.460%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.527	101	1916	0.590	ug/L #	23
13) Acetone	2.646	43	5054	2.264	ug/L	89
14) Carbon disulfide	2.752	76	6418	0.716	ug/L #	94
16) Methylene chloride	3.025	84	5819	1.336	ug/L	91
22) 2-Butanone	4.723	43	35294	11.443	ug/L	97
27) 1,2-Dichloroethane	5.719	62	3205	0.628	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	4500	0.895	ug/L #	61
44) trans-1,3-Dichloropropene	8.179	75	3632	0.714	ug/L	83
46) Tetrachloroethene	8.552	164	5623	2.172	ug/L	91
49) Dibromochloromethane	8.552	129	5836	1.443	ug/L #	12

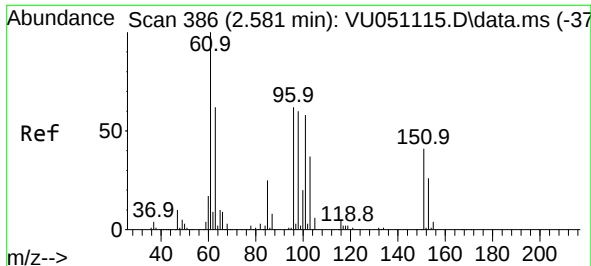
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 06 02:55:50 2022
Response via : Initial Calibration





#10

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

Concen: 0.590 ug/L

RT: 2.527 min Scan# 3

Delta R.T. -0.055 min

Lab File: VU051131.D

Acq: 05 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

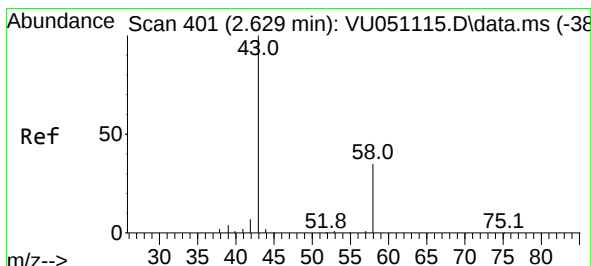
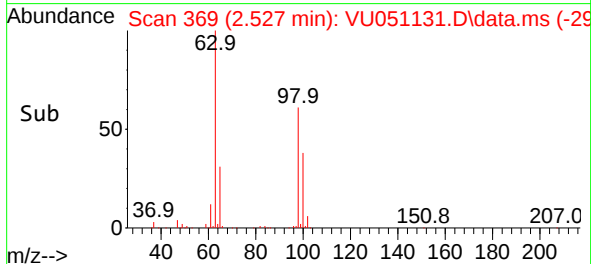
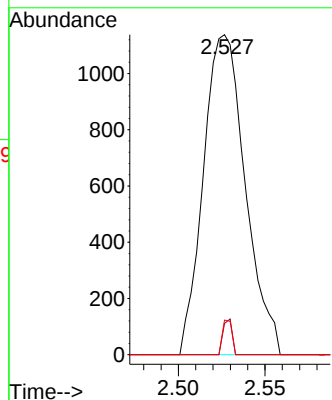
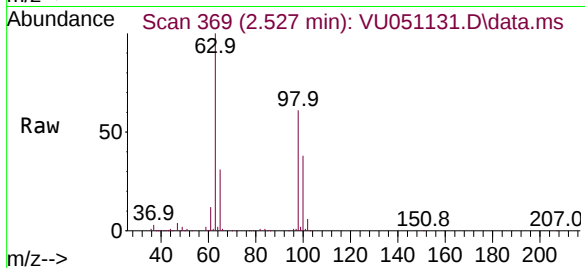
Tgt Ion:101 Resp: 1916

Ion Ratio Lower Upper

101 100

85 2.4 34.6 52.0#

151 2.5 58.6 87.8#



#13

Acetone

Concen: 2.264 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.016 min

Lab File: VU051131.D

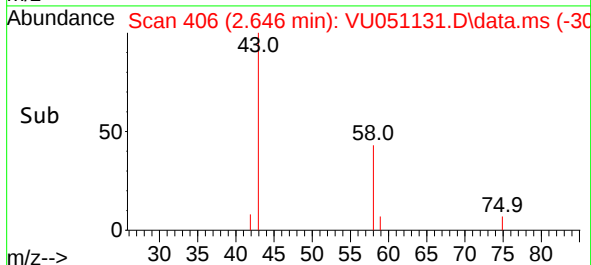
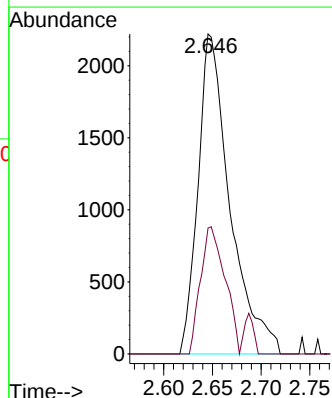
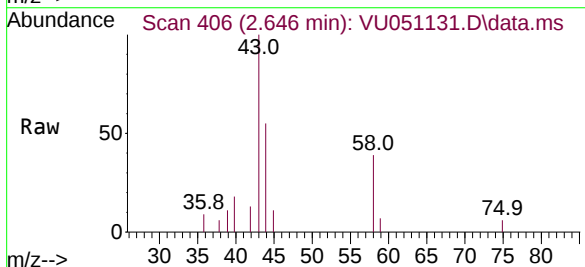
Acq: 05 Oct 2022 16:47

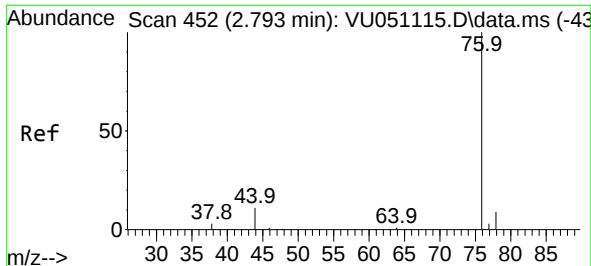
Tgt Ion: 43 Resp: 5054

Ion Ratio Lower Upper

43 100

58 30.5 0.0 73.6

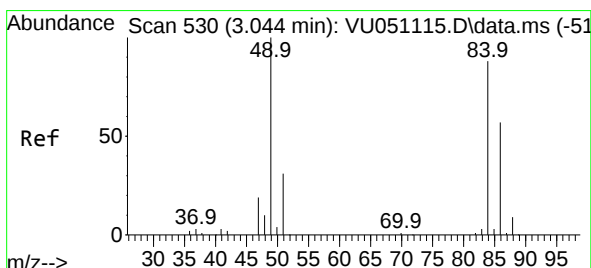
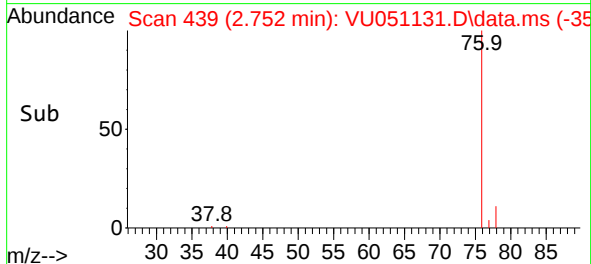
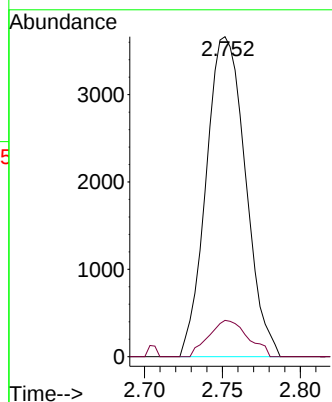
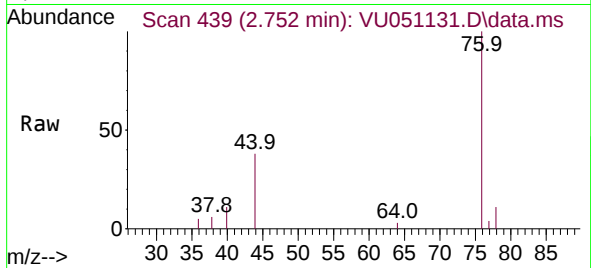




#14
Carbon disulfide
Concen: 0.716 ug/L
RT: 2.752 min Scan# 41
Delta R.T. -0.042 min
Lab File: VU051131.D
Acq: 05 Oct 2022 16:47

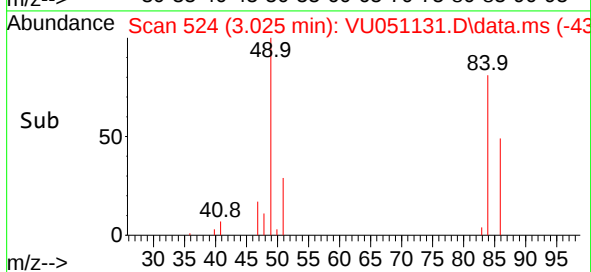
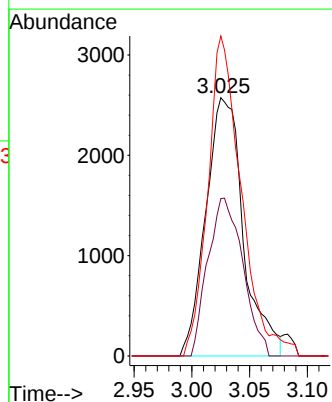
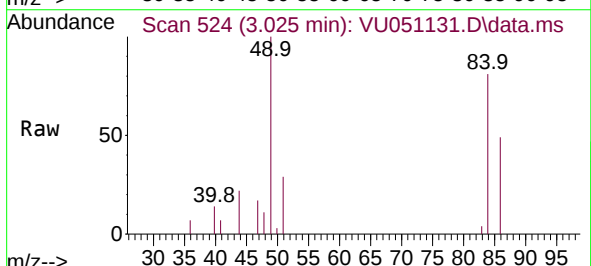
Instrument :
MSVOA_U
ClientSampleId :

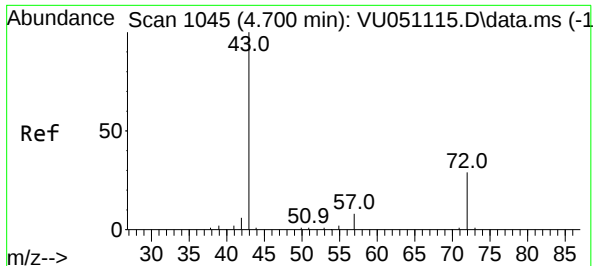
Tgt Ion: 76 Resp: 6418
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0#



#16
Methylene chloride
Concen: 1.336 ug/L
RT: 3.025 min Scan# 524
Delta R.T. -0.019 min
Lab File: VU051131.D
Acq: 05 Oct 2022 16:47

Tgt Ion: 84 Resp: 5819
Ion Ratio Lower Upper
84 100
86 60.9 45.4 84.4
49 123.9 78.3 145.3





#22

2-Butanone

Concen: 11.443 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.023 min

Lab File: VU051131.D

Acq: 05 Oct 2022 16:47

Instrument :

MSVOA_U

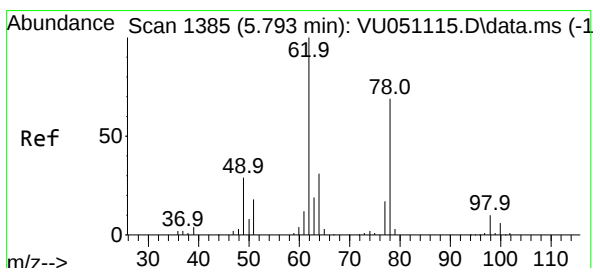
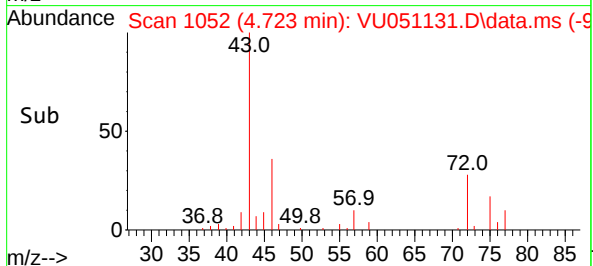
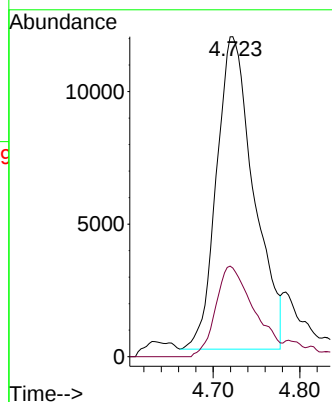
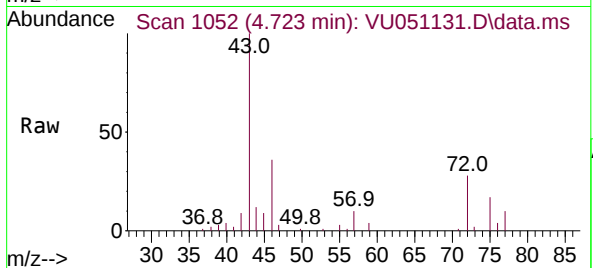
ClientSampleId :

Tgt Ion: 43 Resp: 35294

Ion Ratio Lower Upper

43 100

72 29.8 15.8 47.4



#27

1,2-Dichloroethane

Concen: 0.628 ug/L

RT: 5.719 min Scan# 1362

Delta R.T. -0.074 min

Lab File: VU051131.D

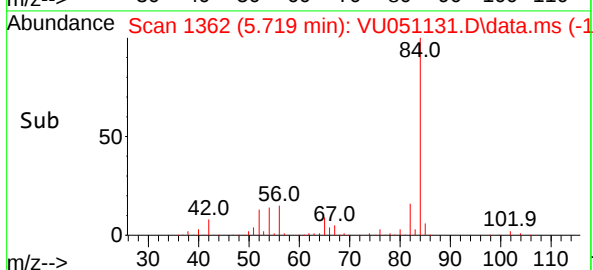
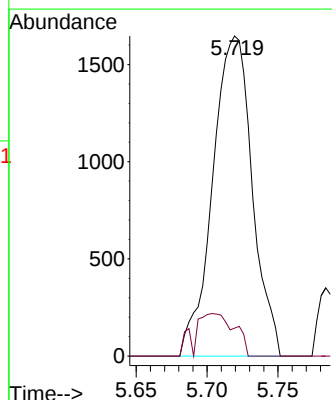
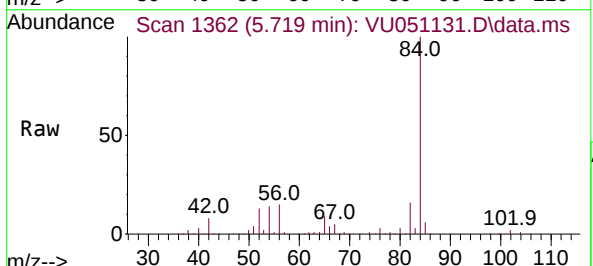
Acq: 05 Oct 2022 16:47

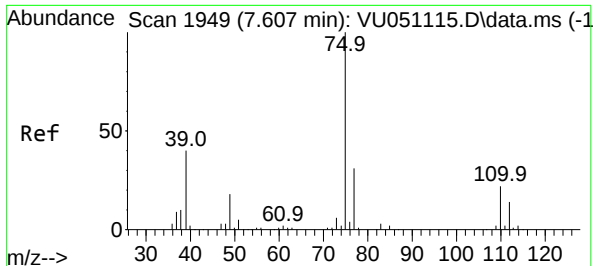
Tgt Ion: 62 Resp: 3205

Ion Ratio Lower Upper

62 100

98 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 0.895 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051131.D

Acq: 05 Oct 2022 16:47

Instrument :

MSVOA_U

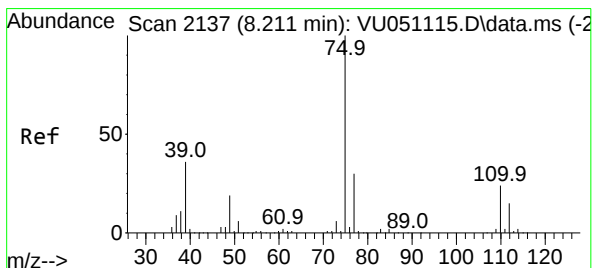
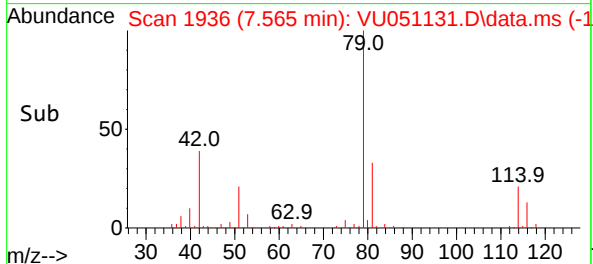
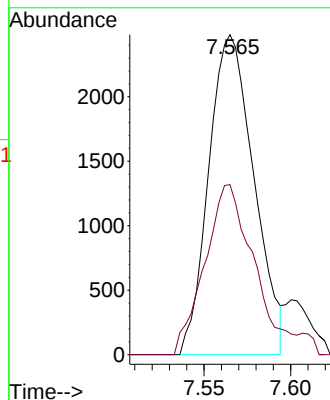
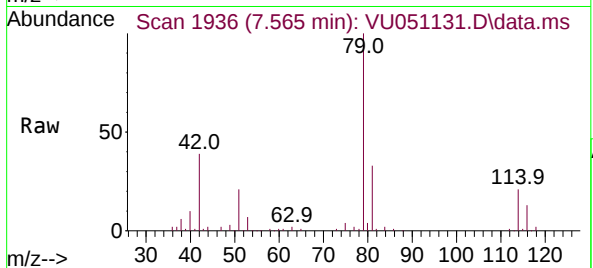
ClientSampleId :

Tgt Ion: 75 Resp: 4500

Ion Ratio Lower Upper

75 100

77 53.2 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU051131.D

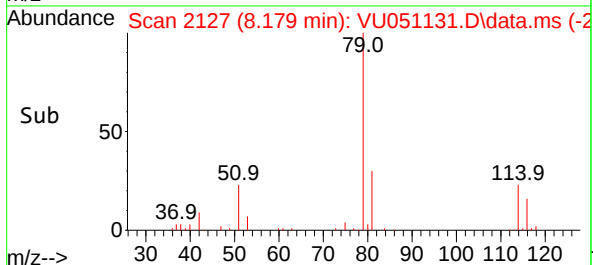
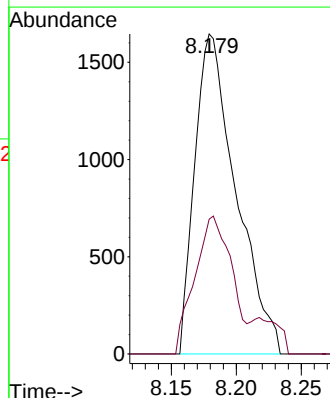
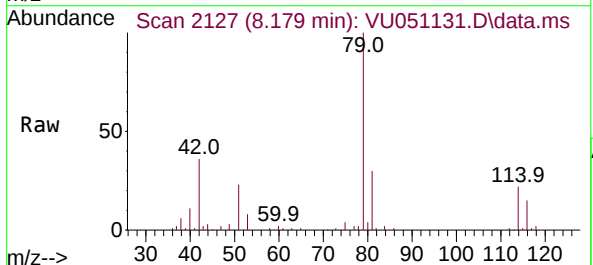
Acq: 05 Oct 2022 16:47

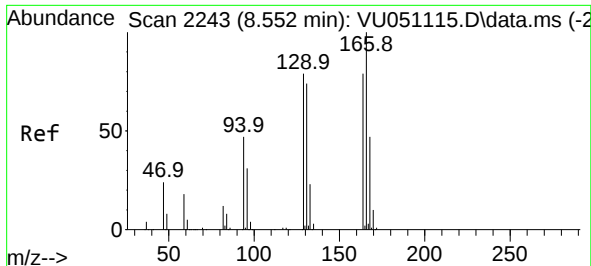
Tgt Ion: 75 Resp: 3632

Ion Ratio Lower Upper

75 100

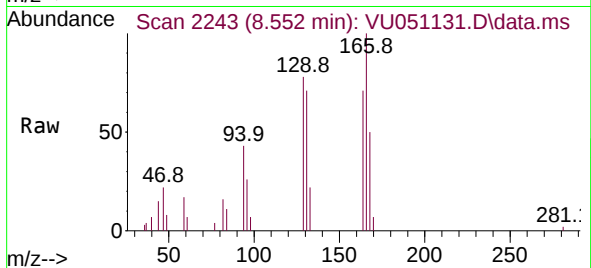
77 42.1 22.7 42.3



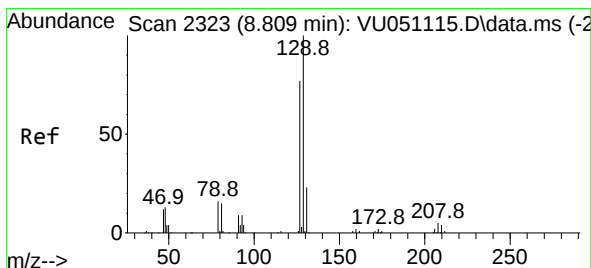
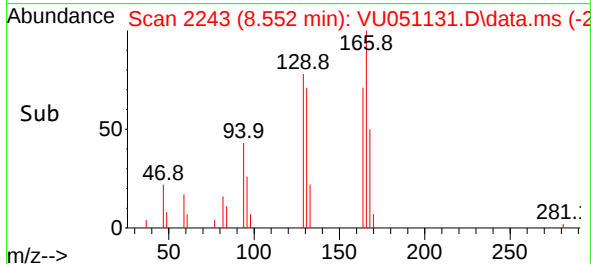
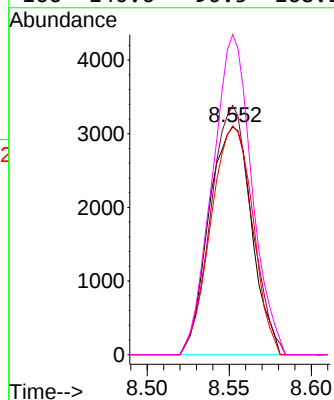


#46
Tetrachloroethene
Concen: 2.172 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051131.D
Acq: 05 Oct 2022 16:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	164	Resp:	5623
Ion	Ratio	Lower	Upper
164	100		
129	109.4	68.1	126.5
131	100.5	67.8	126.0
166	140.6	90.5	168.1



#49
Dibromochloromethane
Concen: 1.443 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU051131.D
Acq: 05 Oct 2022 16:47

Tgt Ion:	129	Resp:	5836
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.0#

