

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052374.D
 Acq On : 13 Dec 2022 14:02
 Operator : JC/MD
 Sample : N6030-05 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL34DL

Quant Time: Dec 14 03:19:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

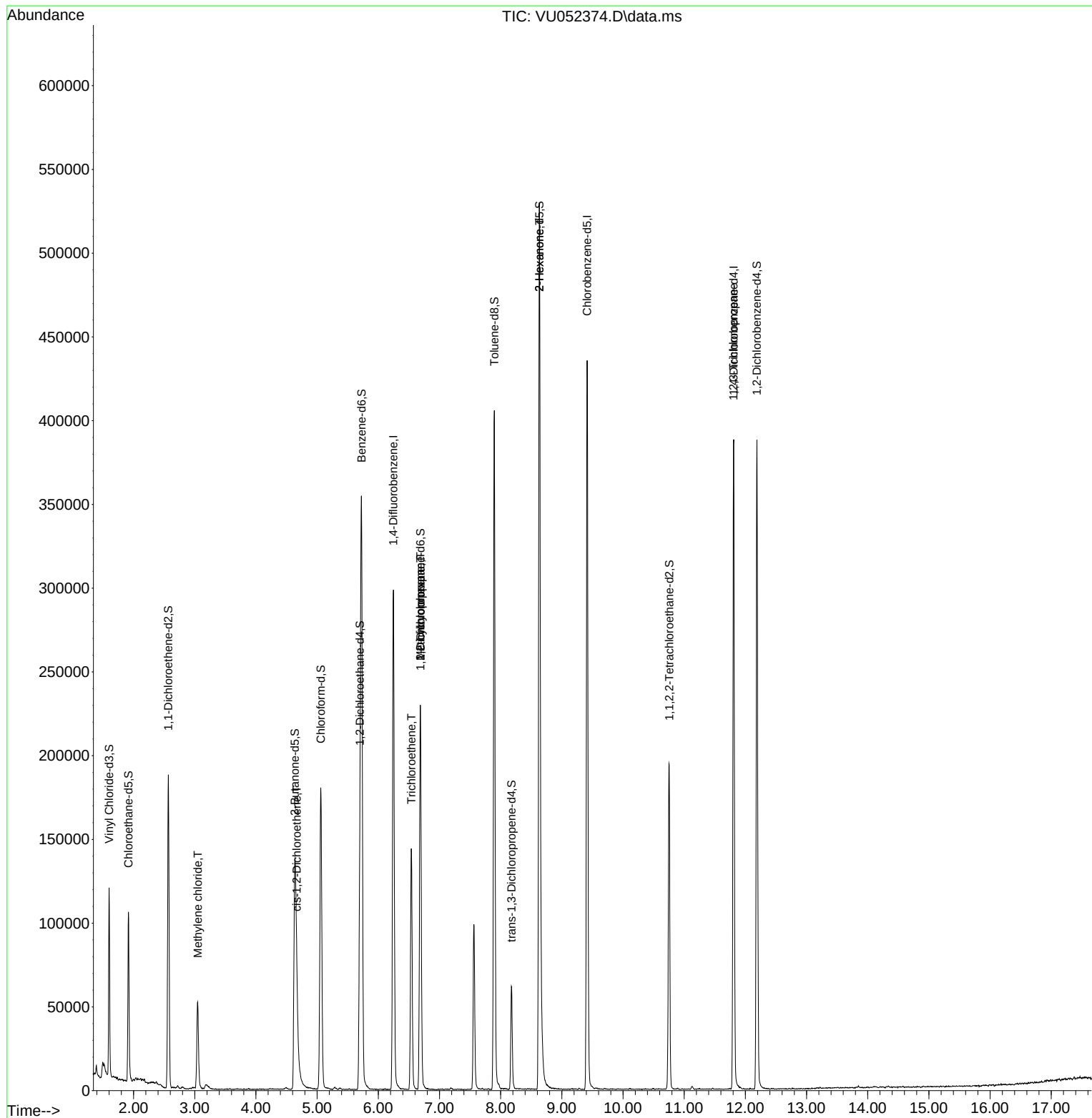
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	251936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82829	3.400	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.916	69	77553	4.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.568	65	35123	4.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.636	46	257659	58.348	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.700%
24) Chloroform-d	5.060	84	175950	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.700	65	91910	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.726	84	354582	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.687	67	119222	5.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.896	98	283282	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.176	79	36656	4.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.632	63	183576	51.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.700%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	102087	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	109060	5.220	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.047	84	27452	1.117	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	6154	0.301	ug/L	93
34) Trichloroethene	6.539	95	50935	2.491	ug/L	97
35) Methylcyclohexane	6.687	83	26513	0.901	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	11234	0.529	ug/L #	88
48) 2-Hexanone	8.632	43	22636	2.784	ug/L #	81
61) 1,2,3-Trichloropropane	11.806	75	13204	1.057	ug/L #	68

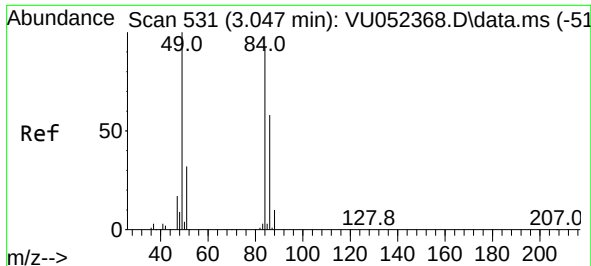
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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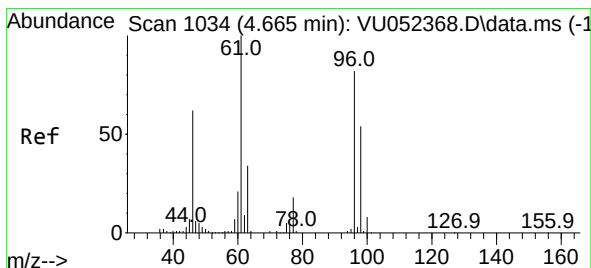
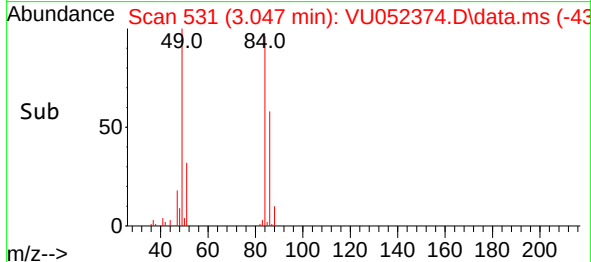
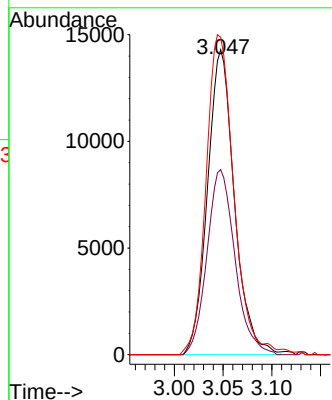
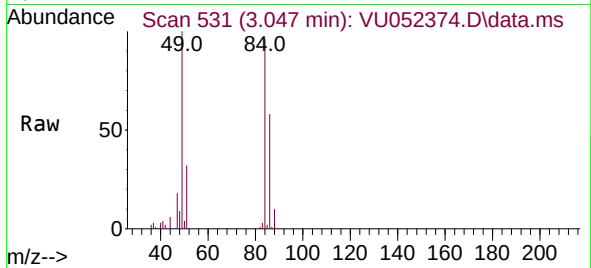




#16
Methylene chloride
Concen: 1.117 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052374.D
Acq: 13 Dec 2022 14:02

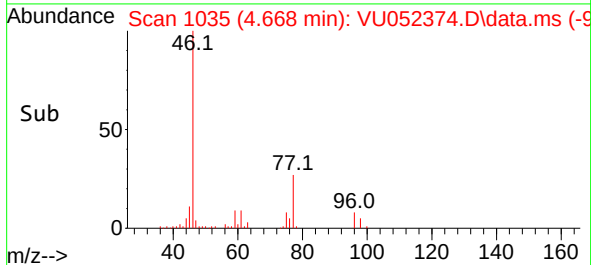
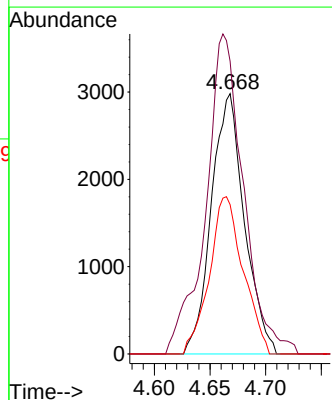
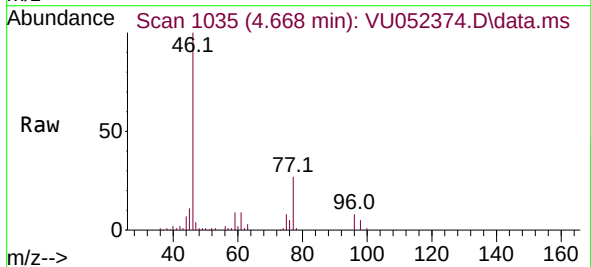
Instrument :
MSVOA_U
ClientSampleId :
COL34DL

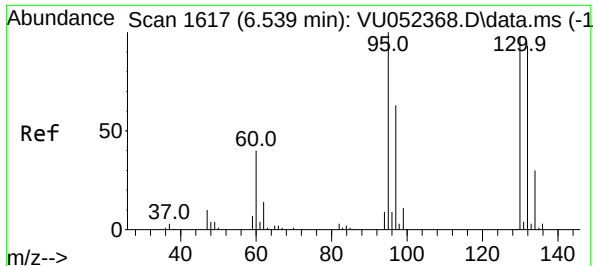
Tgt Ion: 84 Resp: 27452
Ion Ratio Lower Upper
84 100
86 60.7 43.8 81.4
49 104.1 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.301 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052374.D
Acq: 13 Dec 2022 14:02

Tgt Ion: 96 Resp: 6154
Ion Ratio Lower Upper
96 100
61 112.4 85.1 158.1
98 57.4 42.8 79.6

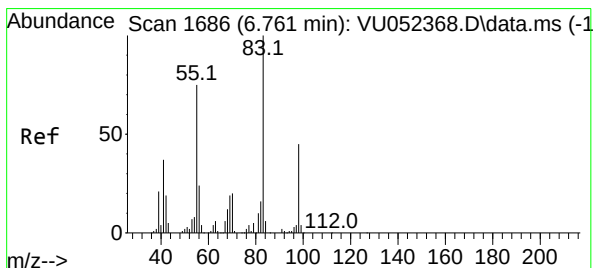
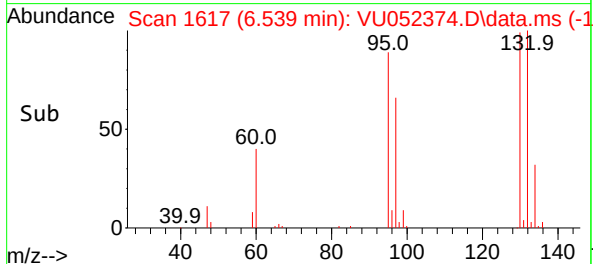
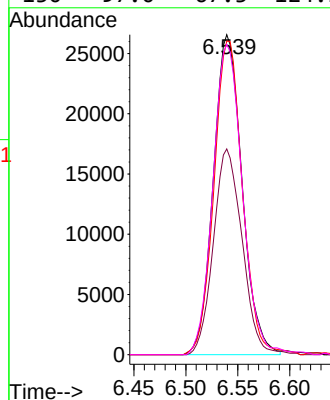
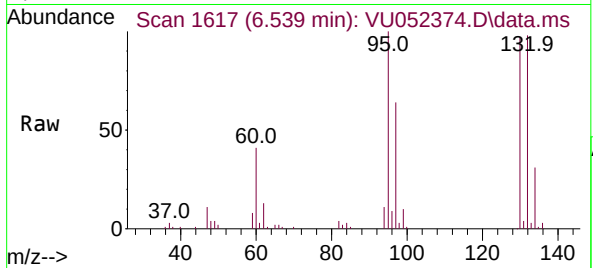




#34
Trichloroethene
Concen: 2.491 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052374.D
Acq: 13 Dec 2022 14:02

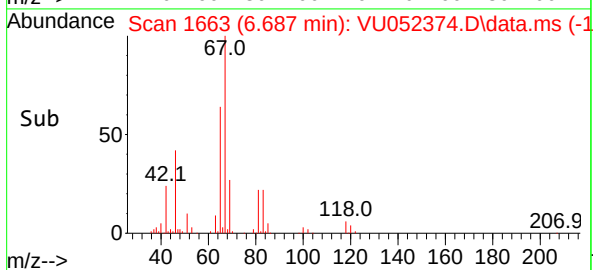
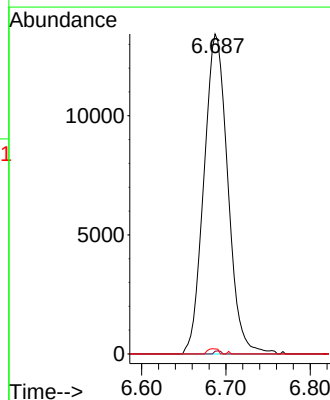
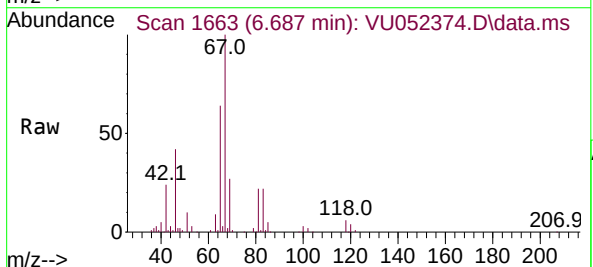
Instrument :
MSVOA_U
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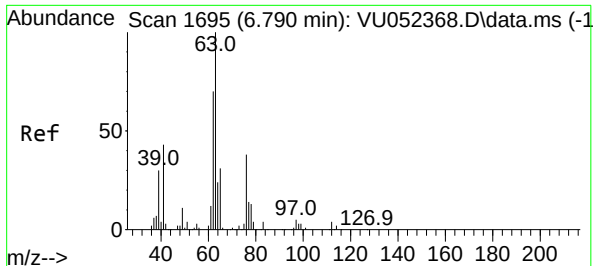
Tgt Ion: 95 Resp: 50935
Ion Ratio Lower Upper
95 100
97 64.3 43.7 81.1
132 98.0 64.3 119.3
130 97.0 67.3 124.9



#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052374.D
Acq: 13 Dec 2022 14:02

Tgt Ion: 83 Resp: 26513
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 0.7 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052374.D

Acq: 13 Dec 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

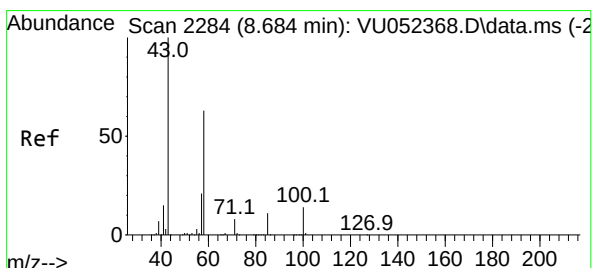
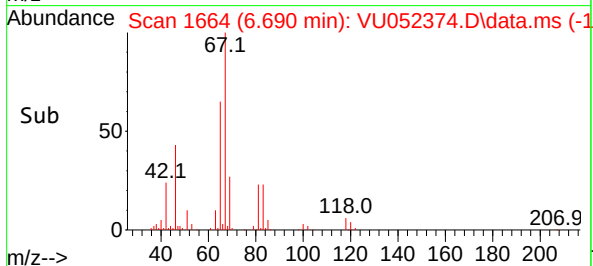
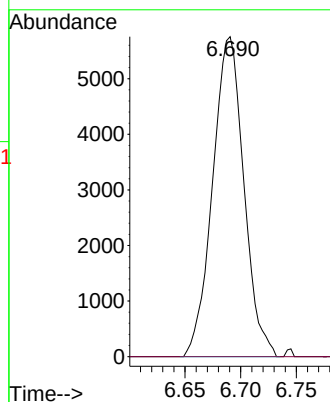
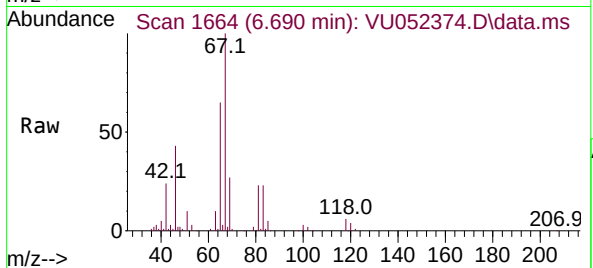
C0L34DL

Tgt Ion: 63 Resp: 11234

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#48

2-Hexanone

Concen: 2.784 ug/L

RT: 8.632 min Scan# 2268

Delta R.T. -0.051 min

Lab File: VU052374.D

Acq: 13 Dec 2022 14:02

Tgt Ion: 43 Resp: 22636

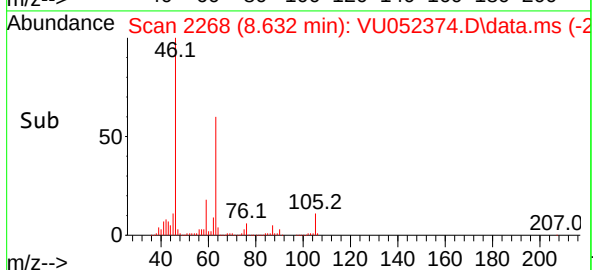
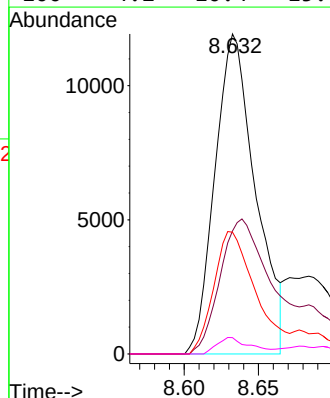
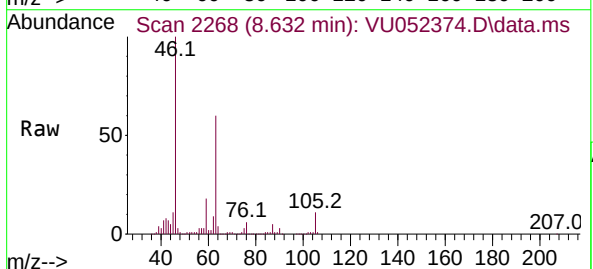
Ion Ratio Lower Upper

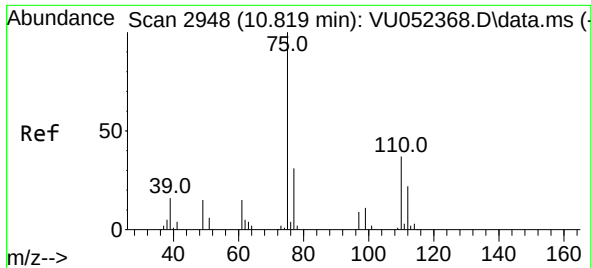
43 100

58 53.6 49.4 74.0

57 39.7 16.3 24.5#

100 4.2 10.4 15.6#





#61

1,2,3-Trichloropropane

Concen: 1.057 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU052374.D

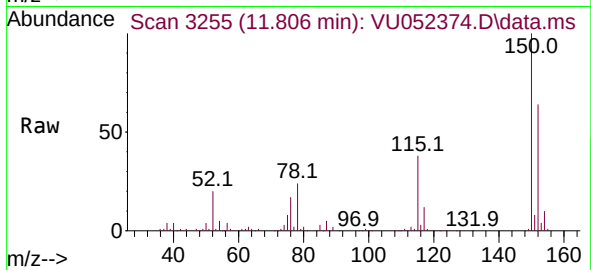
Acq: 13 Dec 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

C0L34DL



Tgt Ion: 75 Resp: 13204

Ion Ratio Lower Upper

75 100

110 1.9 28.3 42.5#

77 29.7 26.2 39.2

