

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052373.D
 Acq On : 13 Dec 2022 13:39
 Operator : JC/MD
 Sample : N6030-04 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL33DL

Quant Time: Dec 14 03:19:28 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)

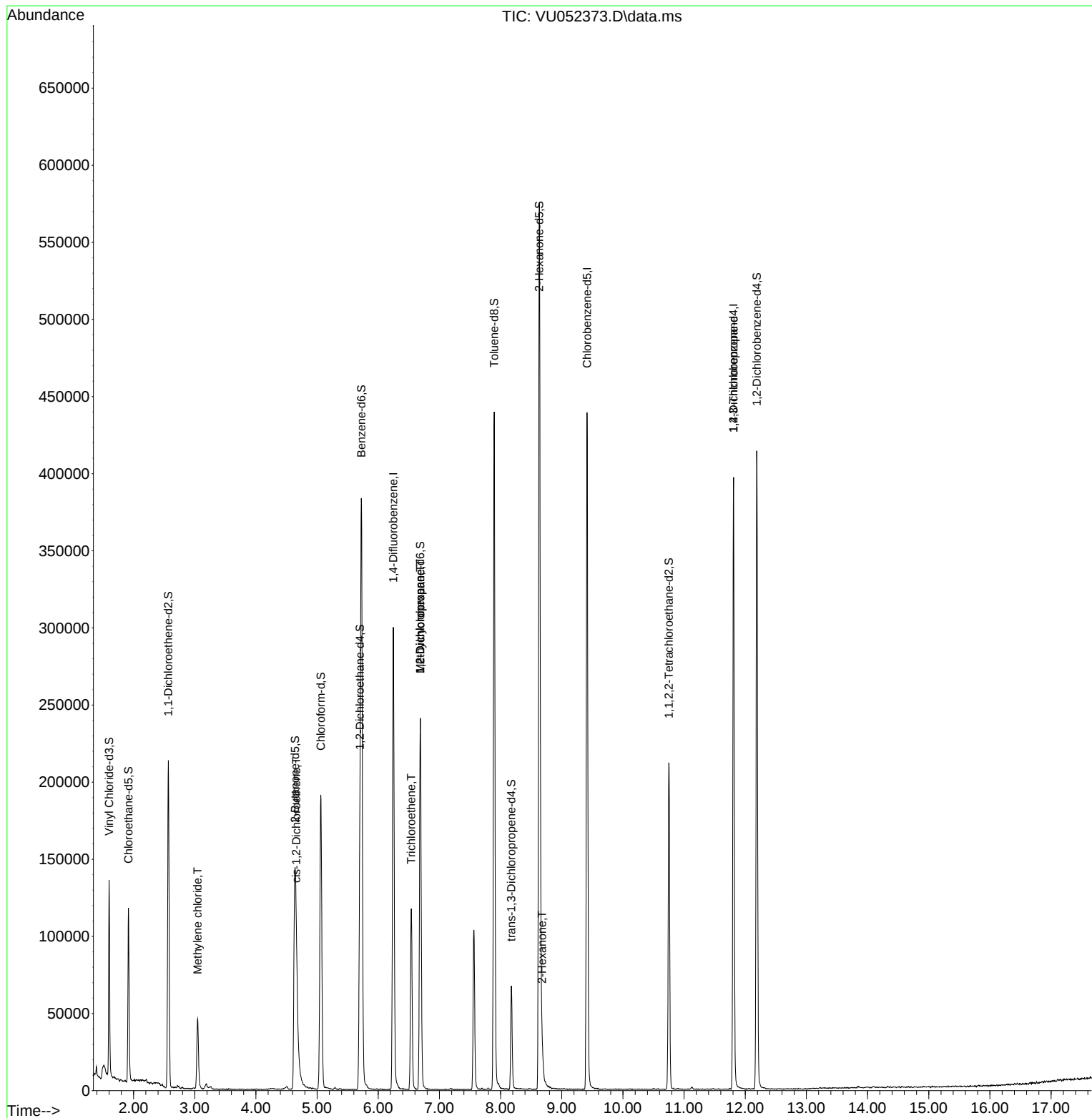
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	253404	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	259272	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	94429	3.831	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.915	69	85730	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.568	65	39642	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.639	46	275593	61.683	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.360%
24) Chloroform-d	5.060	84	183943	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.700	65	96700	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.726	84	382813	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.687	67	124136	5.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.896	98	306386	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.176	79	39123	4.507	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.632	63	203812	55.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.800%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	110333	5.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	116700	5.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						Qvalue
16) Methylene chloride	3.047	84	24648	0.991	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	5892	0.285	ug/L	92
34) Trichloroethene	6.539	95	41956	1.994	ug/L	97
35) Methylcyclohexane	6.687	83	27931	0.923	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	12197	0.558	ug/L #	89
48) 2-Hexanone	8.677	43	6806	0.814	ug/L #	35
61) 1,2,3-Trichloropropane	11.809	75	13177	1.036	ug/L #	68

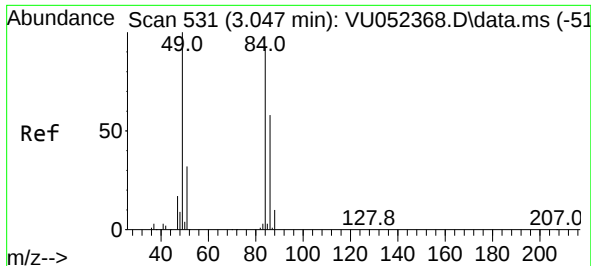
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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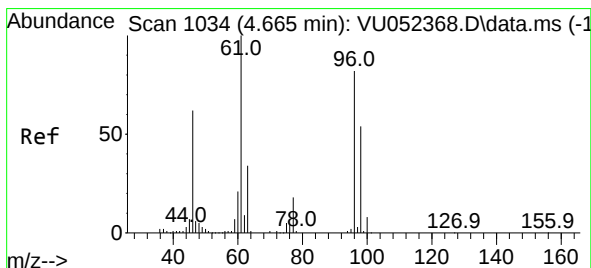
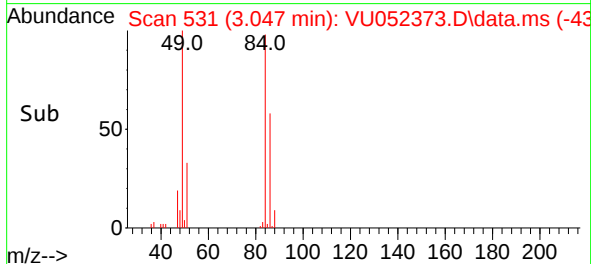
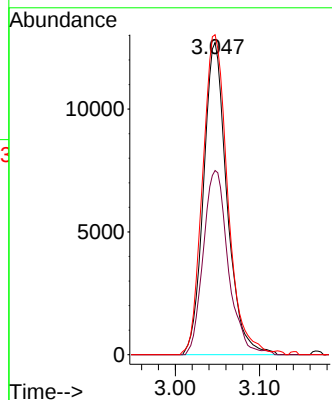
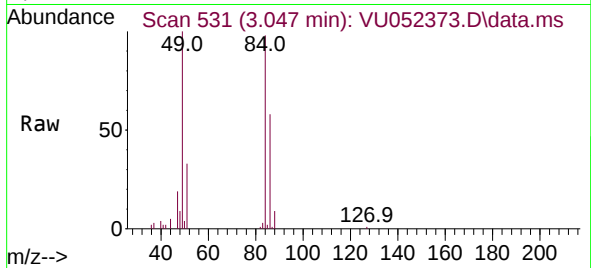




#16
Methylene chloride
Concen: 0.991 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052373.D
Acq: 13 Dec 2022 13:39

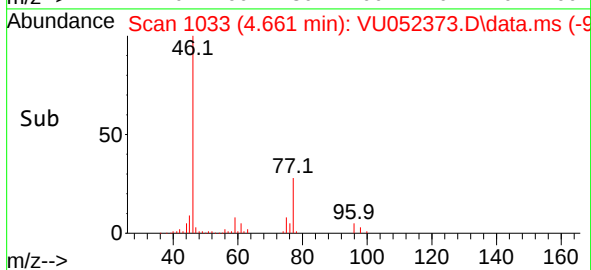
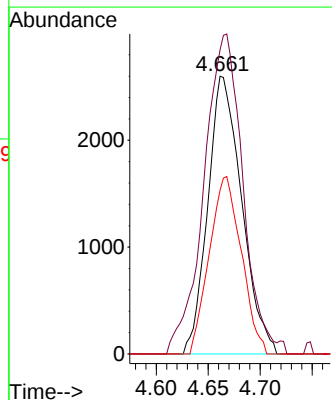
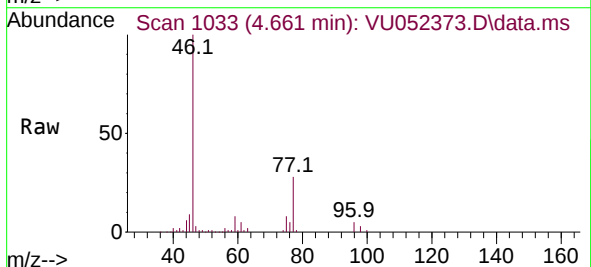
Instrument :
MSVOA_U
ClientSampleId :
COL33DL

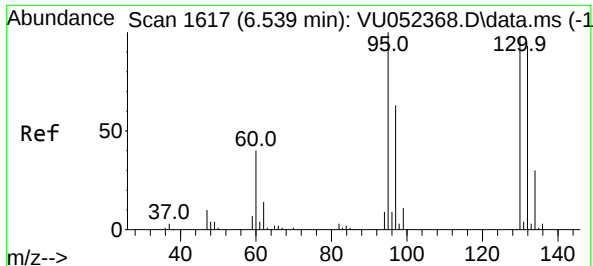
Tgt Ion:	84	Resp:	24648
Ion	Ratio	Lower	Upper
84	100		
86	59.0	43.8	81.4
49	102.5	75.9	141.1



#22
cis-1,2-Dichloroethene
Concen: 0.285 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052373.D
Acq: 13 Dec 2022 13:39

Tgt Ion:	96	Resp:	5892
Ion	Ratio	Lower	Upper
96	100		
61	109.5	85.1	158.1
98	58.8	42.8	79.6



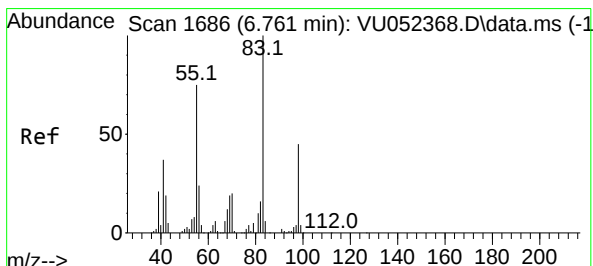
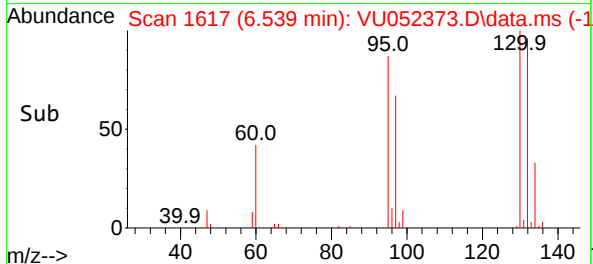
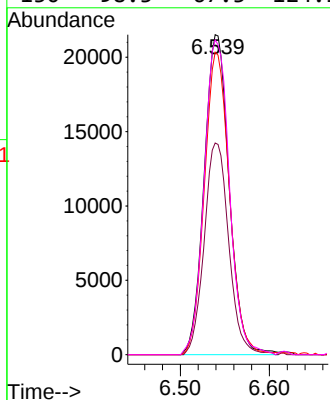
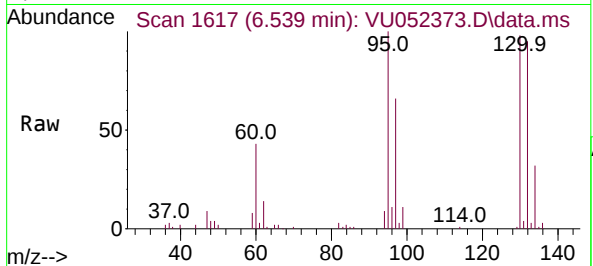


#34
Trichloroethene
Concen: 1.994 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052373.D
Acq: 13 Dec 2022 13:39

Instrument :
MSVOA_U
ClientSampleId :
COL33DL

Tgt Ion: 95 Resp: 41956

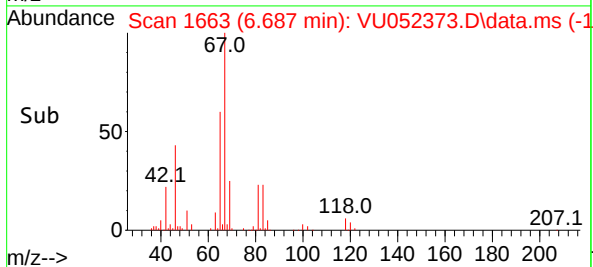
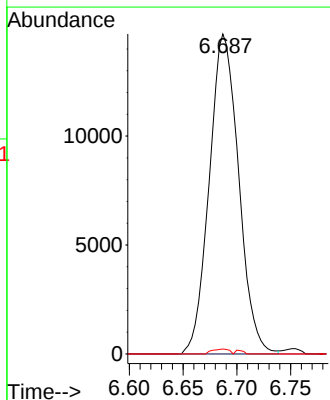
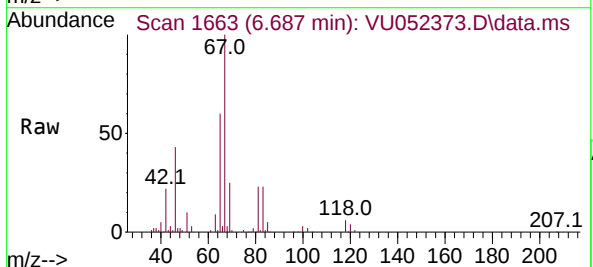
Ion	Ratio	Lower	Upper
95	100		
97	66.2	43.7	81.1
132	94.5	64.3	119.3
130	98.3	67.3	124.9

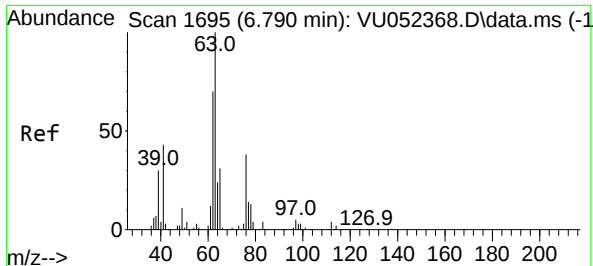


#35
Methylcyclohexane
Concen: 0.923 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052373.D
Acq: 13 Dec 2022 13:39

Tgt Ion: 83 Resp: 27931

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	0.9	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052373.D

Acq: 13 Dec 2022 13:39

Instrument :

MSVOA_U

ClientSampleId :

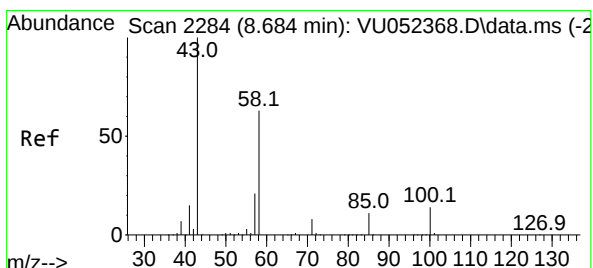
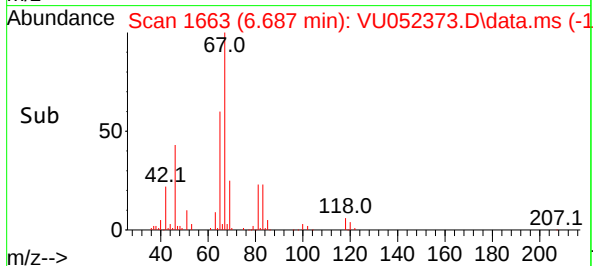
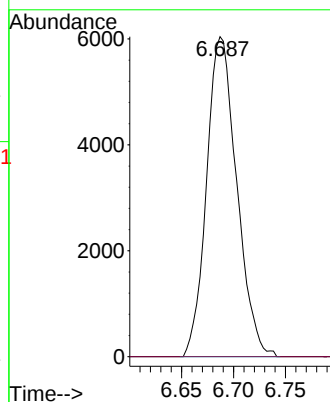
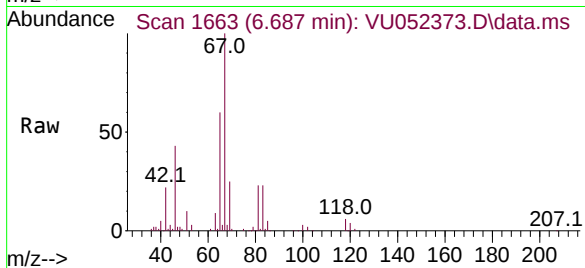
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Tgt Ion: 63 Resp: 12197

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#



#48

2-Hexanone

Concen: 0.814 ug/L

RT: 8.677 min Scan# 2282

Delta R.T. -0.006 min

Lab File: VU052373.D

Acq: 13 Dec 2022 13:39

Tgt Ion: 43 Resp: 6806

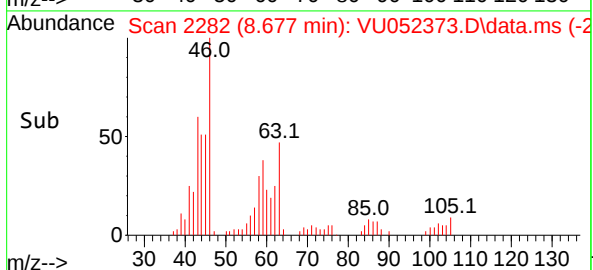
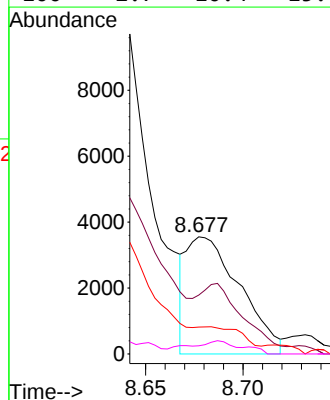
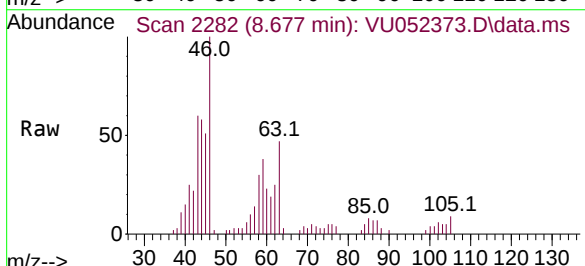
Ion Ratio Lower Upper

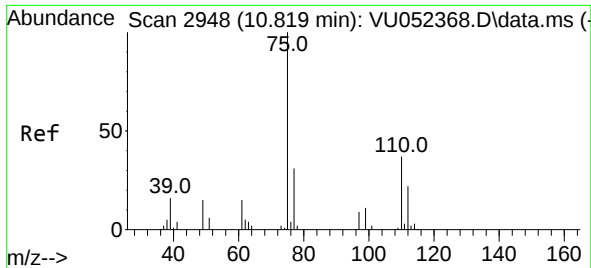
43 100

58 0.0 49.4 74.0#

57 0.0 16.3 24.5#

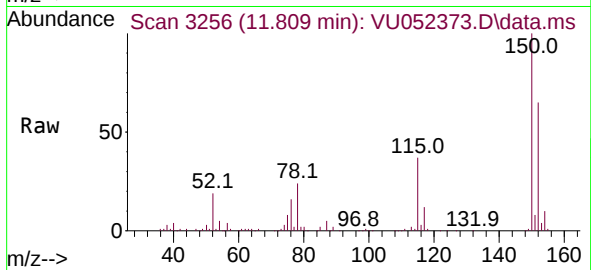
100 2.7 10.4 15.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.036 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052373.D
 Acq: 13 Dec 2022 13:39

Instrument :
 MSVOA_U
 ClientSampleId :
 COL33DL



Tgt Ion: 75 Resp: 13177
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.3 42.5#
 77 30.5 26.2 39.2

