

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052529.D
 Acq On : 23 Dec 2022 12:06
 Operator : JC/MD
 Sample : N6188-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L45DL

Quant Time: Dec 24 03:54:51 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)

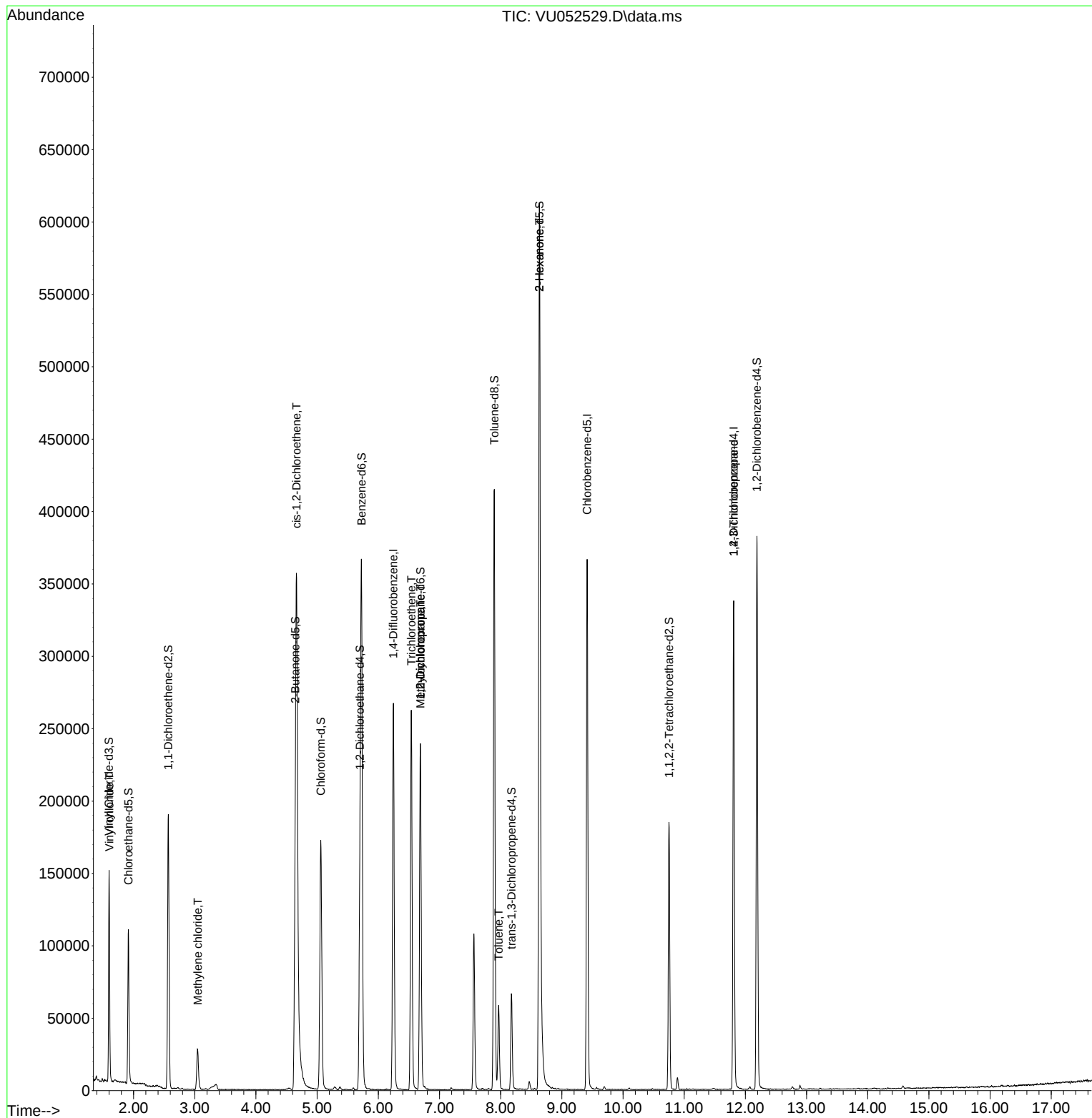
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	205012	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	195349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80657	3.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.916	69	78862	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.568	65	37594	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.645	46	329883	51.218	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.440%
24) Chloroform-d	5.060	84	161175	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.700	65	95642	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.726	84	338116	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.687	67	117666	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	269611	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.176	79	38609	4.891	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.632	63	224759	52.037	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.080%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94224	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	95945	5.443	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	29038	1.217	ug/L	99
16) Methylene chloride	3.047	84	13167	0.607	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	130665	7.524	ug/L	98
34) Trichloroethene	6.539	95	92754	5.639	ug/L	99
35) Methylcyclohexane	6.690	83	25228	1.017	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	12153	0.619	ug/L #	88
42) Toluene	7.967	91	40642	0.602	ug/L	99
48) 2-Hexanone	8.632	43	27571	2.549	ug/L #	81
61) 1,2,3-Trichloropropane	11.809	75	12071	0.972	ug/L #	68

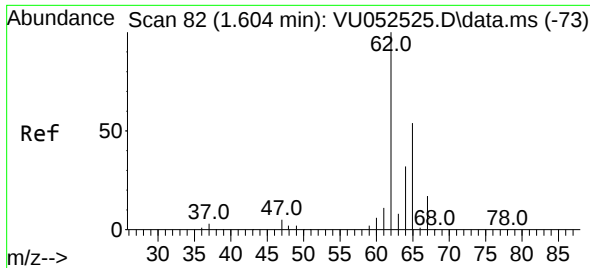
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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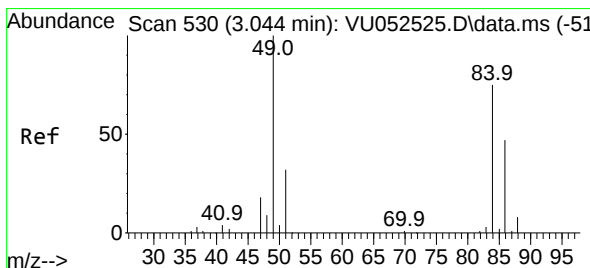
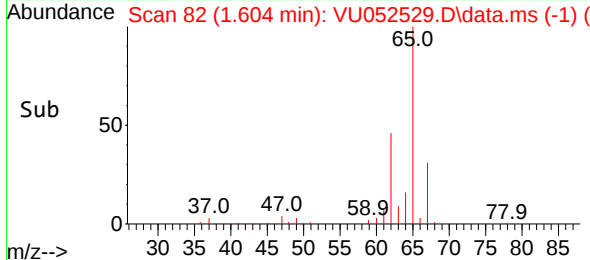
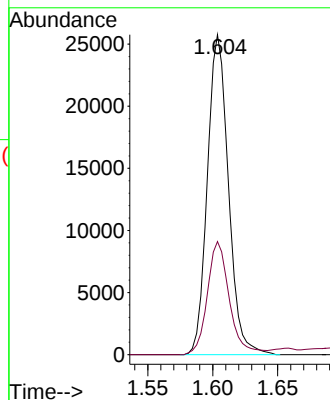
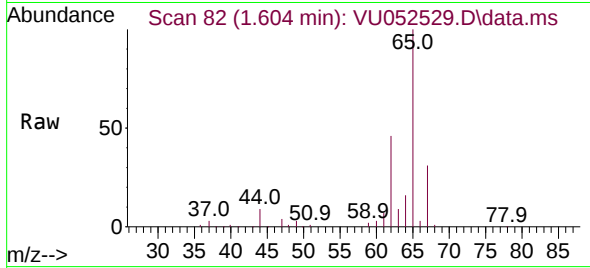




#5
 Vinyl chloride
 Concen: 1.217 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052529.D
 Acq: 23 Dec 2022 12:06

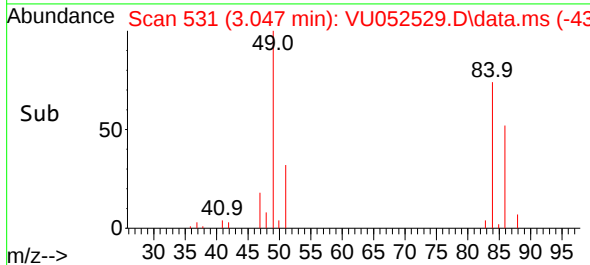
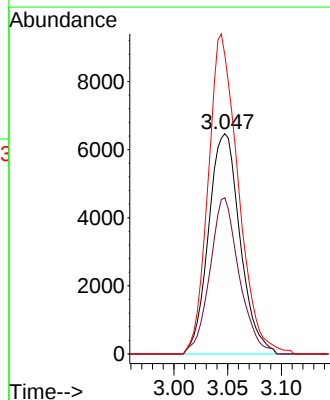
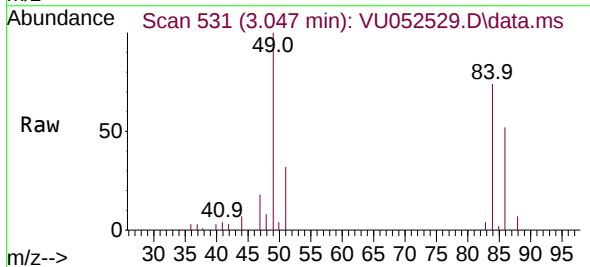
Instrument :
 MSVOA_U
 ClientSampleId :
 COL45DL

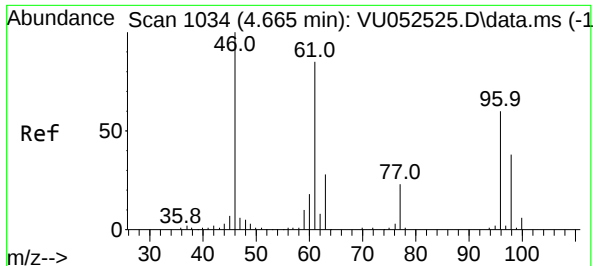
Tgt Ion: 62 Resp: 29038
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.4 45.4



#16
 Methylene chloride
 Concen: 0.607 ug/L
 RT: 3.047 min Scan# 531
 Delta R.T. 0.003 min
 Lab File: VU052529.D
 Acq: 23 Dec 2022 12:06

Tgt Ion: 84 Resp: 13167
 Ion Ratio Lower Upper
 84 100
 86 70.9 44.7 83.1
 49 135.7 93.3 173.3

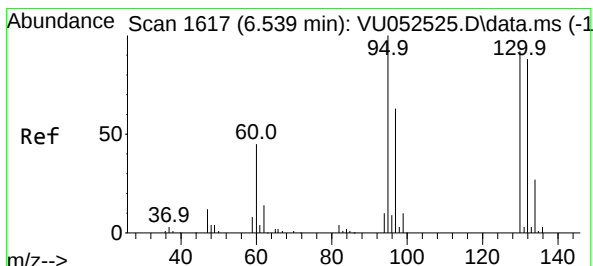
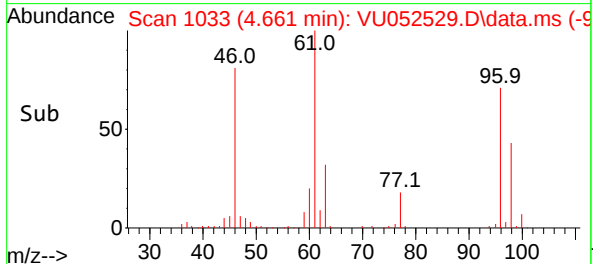
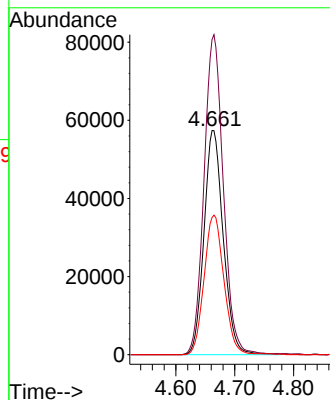
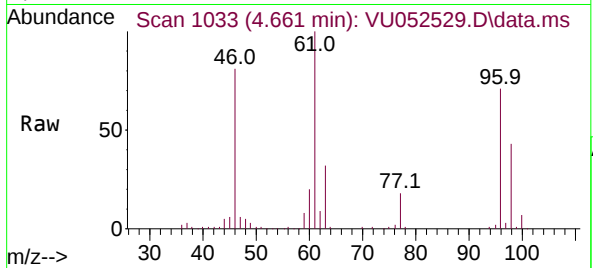




#22
cis-1,2-Dichloroethene
Concen: 7.524 ug/L
RT: 4.661 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU052529.D
Acq: 23 Dec 2022 12:06

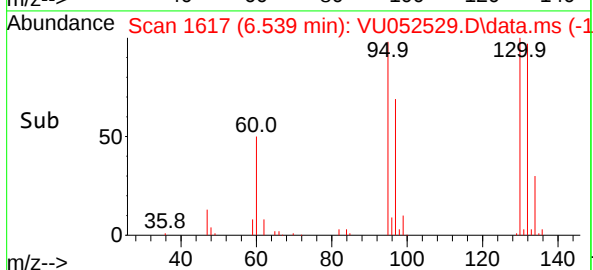
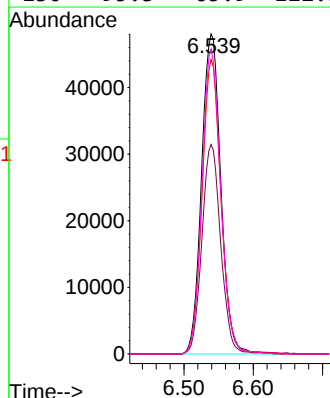
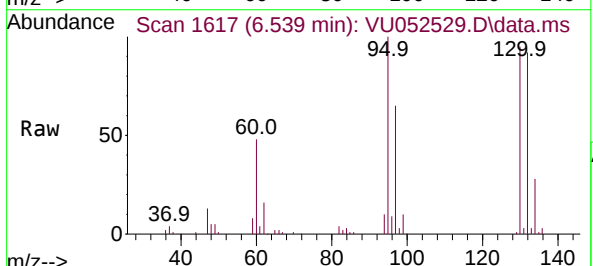
Instrument :
MSVOA_U
ClientSampleId :
COL45DL

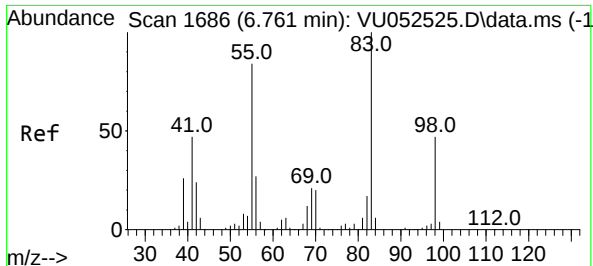
Tgt Ion: 96 Resp: 130665
Ion Ratio Lower Upper
96 100
61 140.6 96.9 180.1
98 61.1 44.7 83.1



#34
Trichloroethene
Concen: 5.639 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052529.D
Acq: 23 Dec 2022 12:06

Tgt Ion: 95 Resp: 92754
Ion Ratio Lower Upper
95 100
97 65.4 46.3 86.1
132 92.1 63.9 118.7
130 95.3 65.9 122.5





#35

Methylcyclohexane

Concen: 1.017 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052529.D

Acq: 23 Dec 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

COL45DL

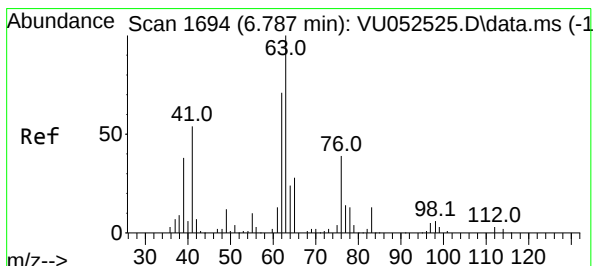
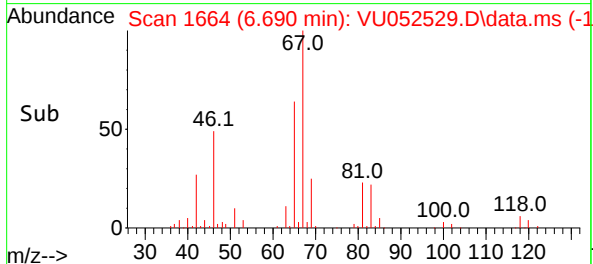
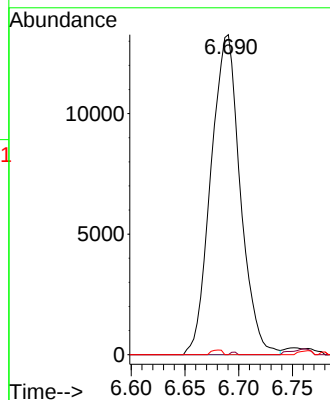
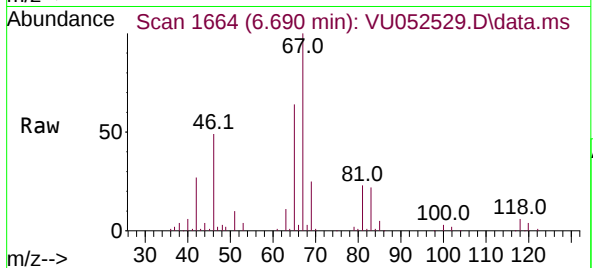
Tgt Ion: 83 Resp: 25228

Ion Ratio Lower Upper

83 100

55 0.2 71.4 107.0#

98 0.5 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052529.D

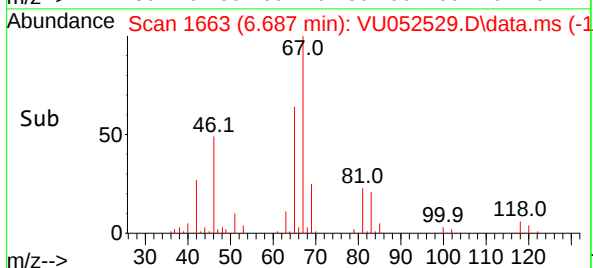
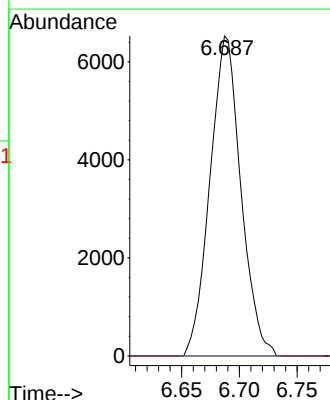
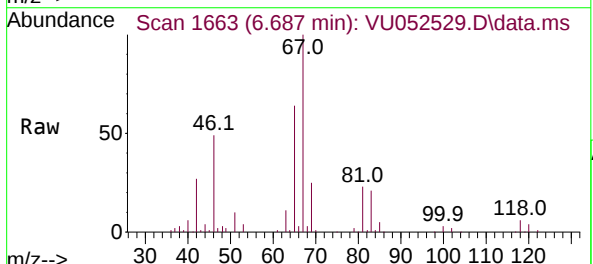
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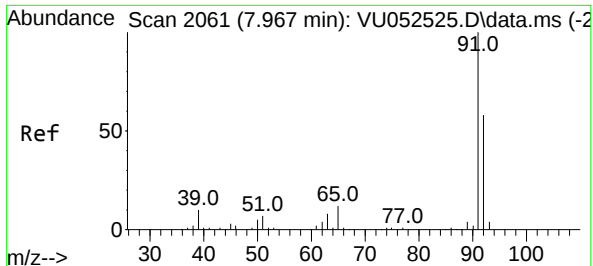
Tgt Ion: 63 Resp: 12153

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

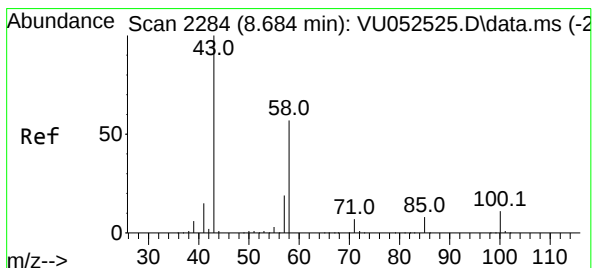
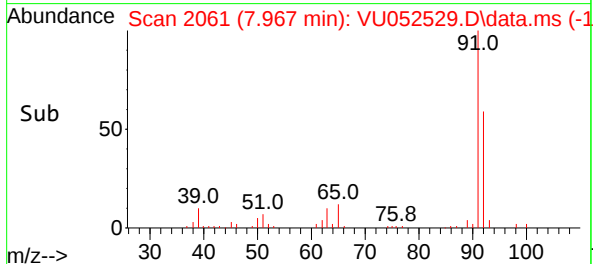
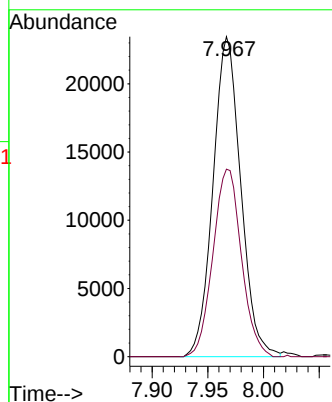
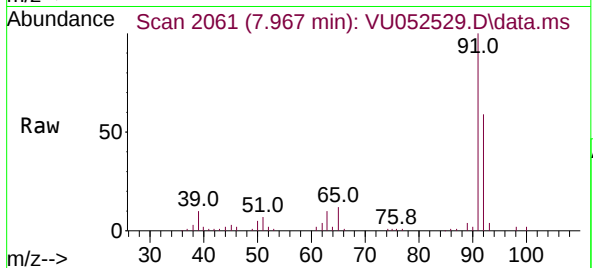




#42
Toluene
Concen: 0.602 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052529.D
Acq: 23 Dec 2022 12:06

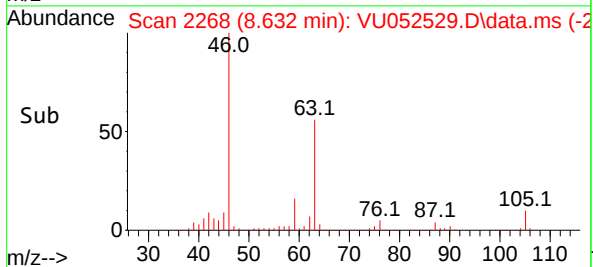
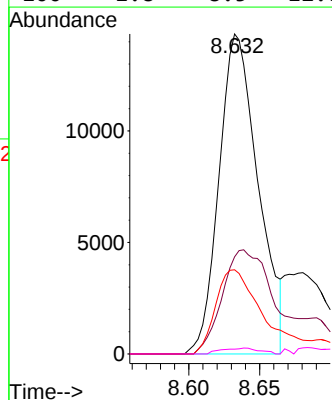
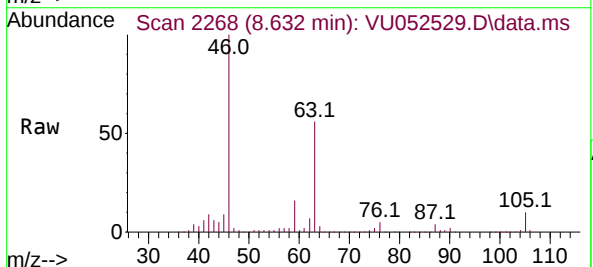
Instrument :
MSVOA_U
ClientSampleId :
COL45DL

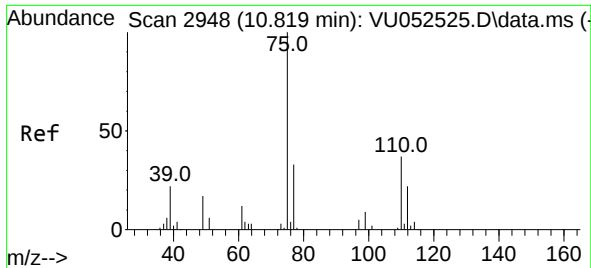
Tgt Ion: 91 Resp: 40642
Ion Ratio Lower Upper
91 100
92 58.6 40.6 75.4



#48
2-Hexanone
Concen: 2.549 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.052 min
Lab File: VU052529.D
Acq: 23 Dec 2022 12:06

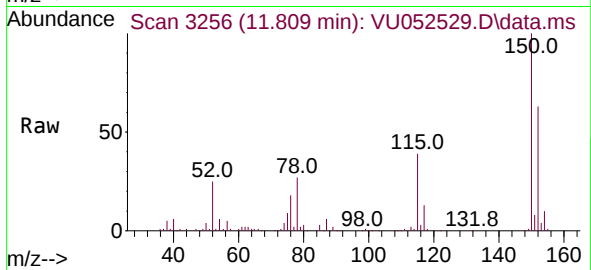
Tgt Ion: 43 Resp: 27571
Ion Ratio Lower Upper
43 100
58 45.0 44.1 66.1
57 32.1 14.6 21.8#
100 1.8 8.5 12.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.972 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052529.D
 Acq: 23 Dec 2022 12:06

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 12071
 Ion Ratio Lower Upper
 75 100
 110 1.8 27.9 41.9#
 77 29.6 25.9 38.9

