

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049328.D
 Acq On : 21 Jun 2022 15:30
 Operator : SY/MD
 Sample : N3425-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL2

Quant Time: Jun 22 01:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

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

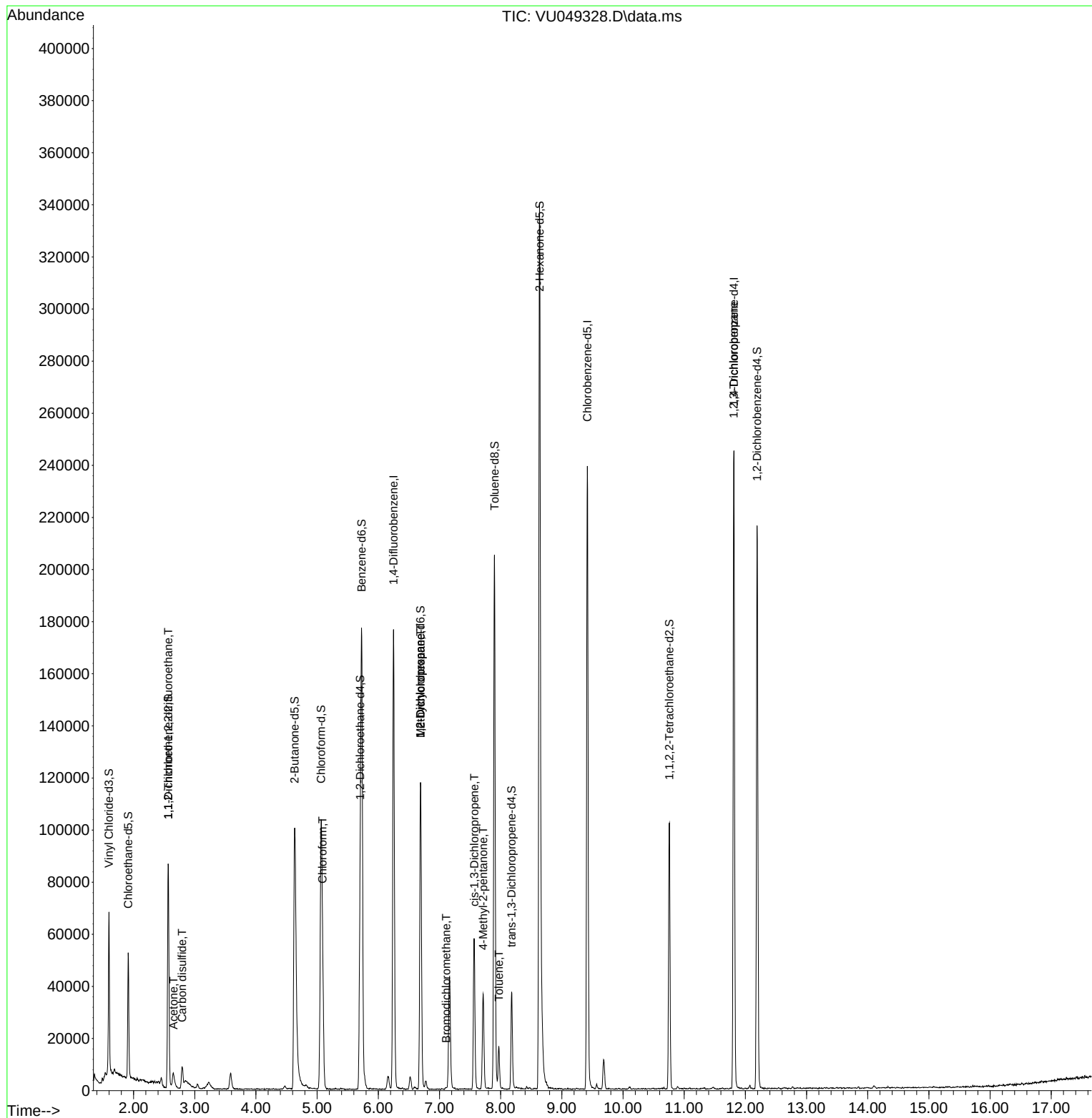
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	137135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	131448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42388	3.537	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.912	69	33662	4.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.565	65	16627	3.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.633	46	179345	56.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.120%
24) Chloroform-d	5.063	84	85568	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.703	65	50207	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.729	84	157304	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.690	67	57305	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.899	98	134076	3.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.179	79	21178	3.547	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.636	63	118172	49.062	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.120%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	51654	4.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	54896	4.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	412	0.052	ug/L #	21
13) Acetone	2.652	43	10316	6.515	ug/L	95
14) Carbon disulfide	2.793	76	10248	0.402	ug/L	98
25) Chloroform	5.089	83	36314	2.148	ug/L	99
35) Methylcyclohexane	6.690	83	13011	0.776	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6261	0.583	ug/L #	89
38) Bromodichloromethane	7.108	83	539	0.041	ug/L #	79
39) cis-1,3-Dichloropropene	7.571	75	1609	0.098	ug/L #	64
40) 4-Methyl-2-pentanone	7.713	43	18305	2.292	ug/L #	45
42) Toluene	7.970	91	11859	0.286	ug/L	99
61) 1,2,3-Trichloropropane	11.809	75	8678	1.200	ug/L #	70

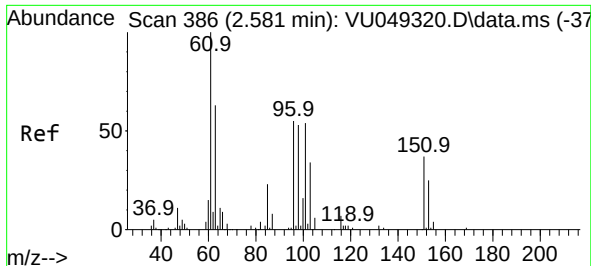
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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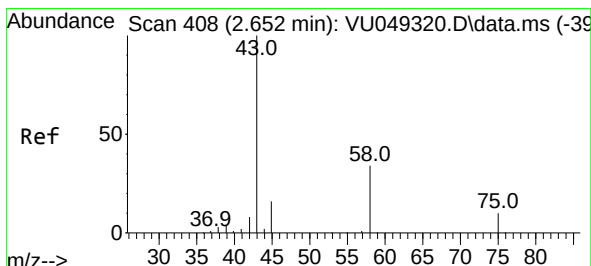
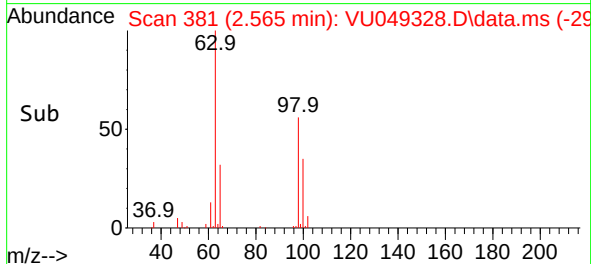
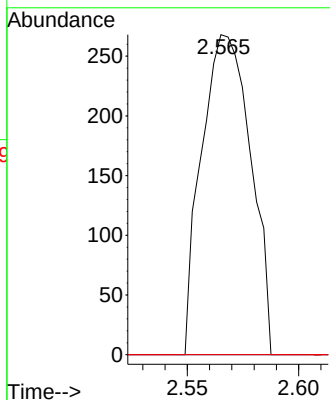
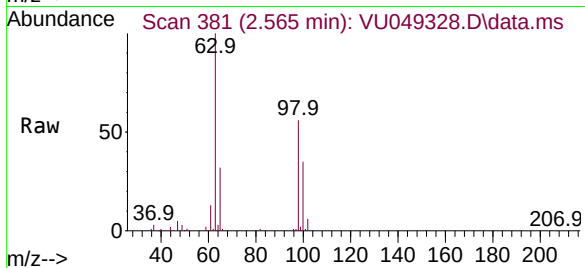




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU049328.D
Acq: 21 Jun 2022 15:30

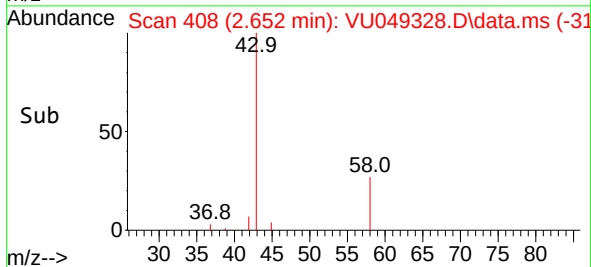
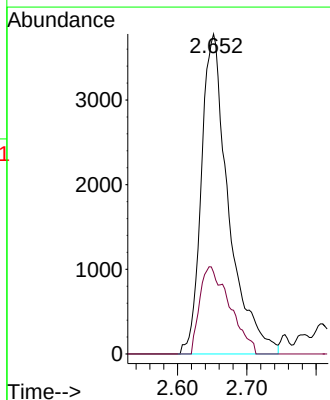
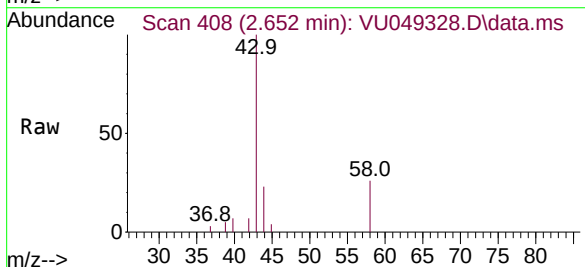
Instrument :
MSVOA_U
ClientSampleId :
COAL2

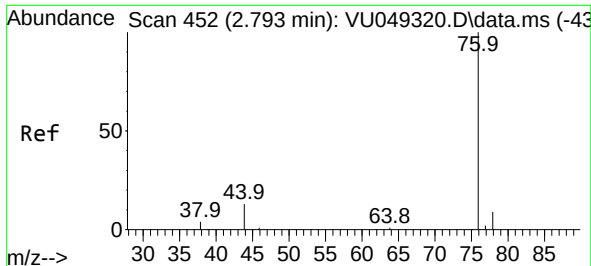
Tgt Ion:101 Resp: 412
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#



#13
Acetone
Concen: 6.515 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU049328.D
Acq: 21 Jun 2022 15:30

Tgt Ion: 43 Resp: 10316
Ion Ratio Lower Upper
43 100
58 30.0 0.0 65.8

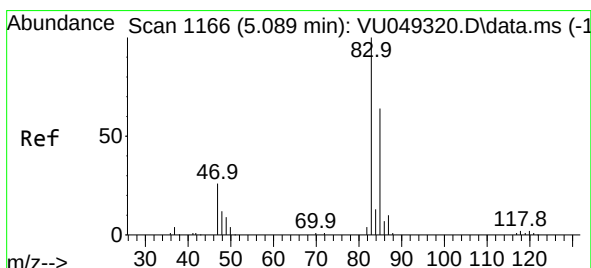
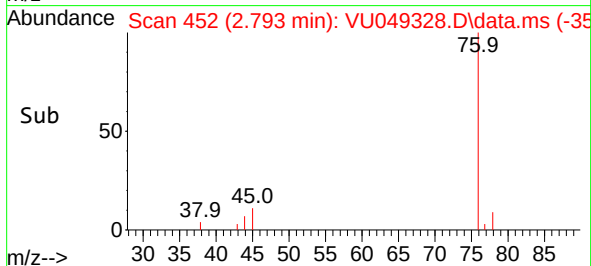
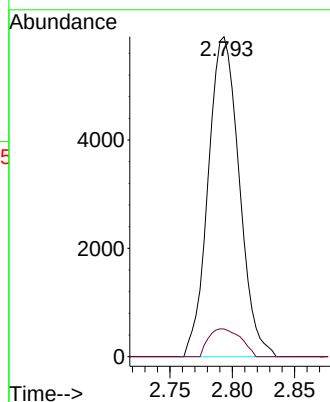
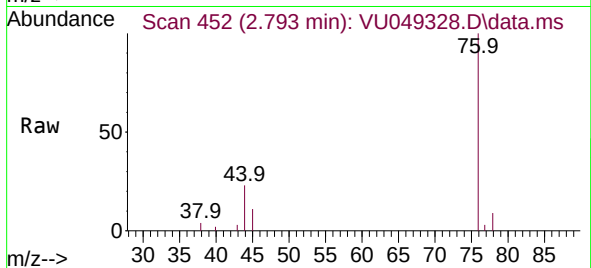




#14
Carbon disulfide
Concen: 0.402 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU049328.D
Acq: 21 Jun 2022 15:30

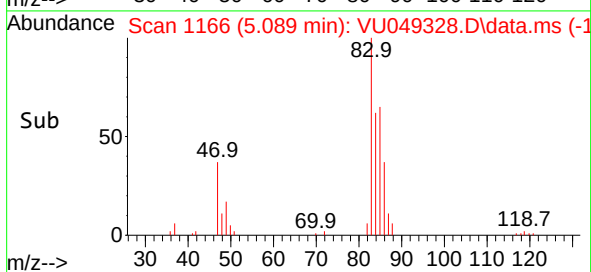
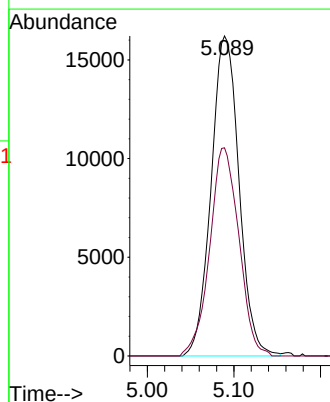
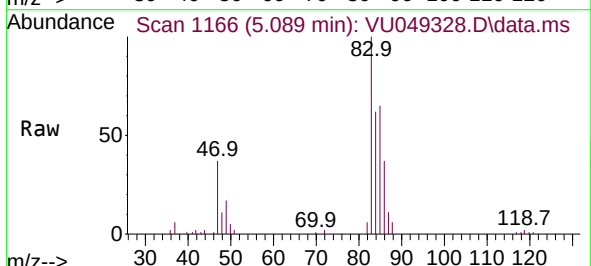
Instrument :
MSVOA_U
ClientSampleId :
C0AL2

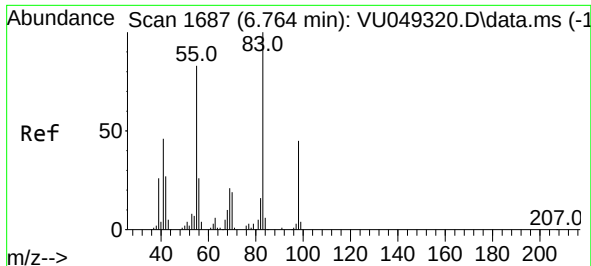
Tgt Ion: 76 Resp: 10248
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#25
Chloroform
Concen: 2.148 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU049328.D
Acq: 21 Jun 2022 15:30

Tgt Ion: 83 Resp: 36314
Ion Ratio Lower Upper
83 100
85 65.1 45.8 85.2

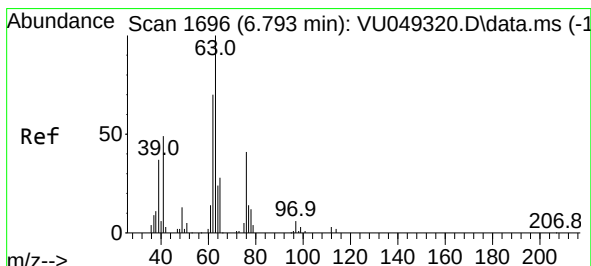
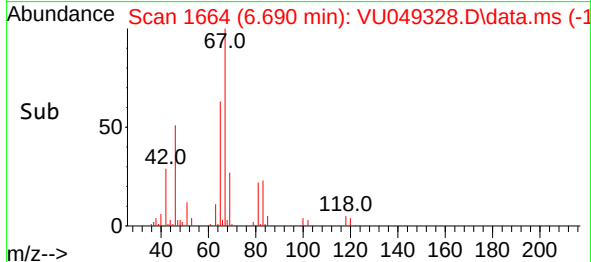
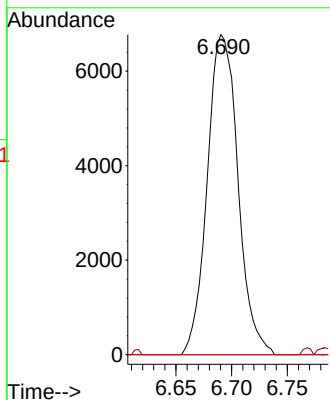
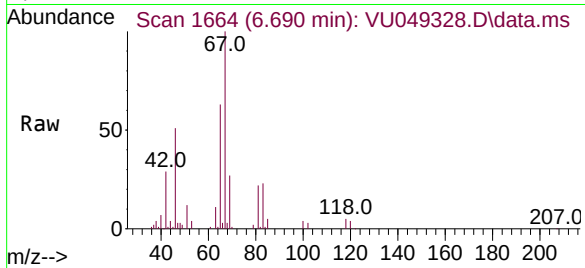




#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049328.D
Acq: 21 Jun 2022 15:30

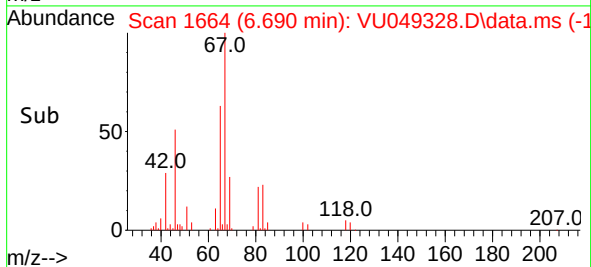
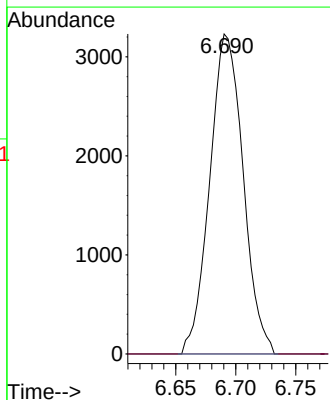
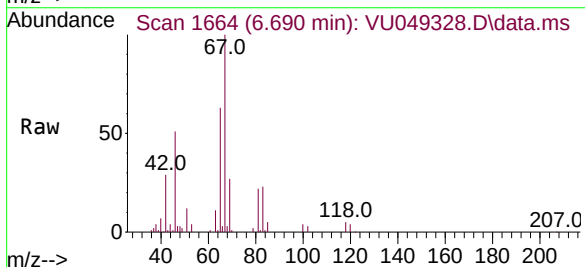
Instrument :
MSVOA_U
ClientSampleId :
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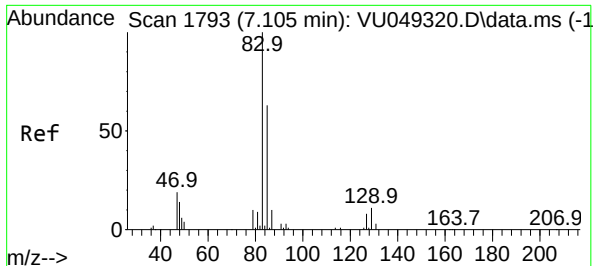
Tgt Ion: 83 Resp: 13011
Ion Ratio Lower Upper
83 100
55 0.3 66.9 100.3#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049328.D
Acq: 21 Jun 2022 15:30

Tgt Ion: 63 Resp: 6261
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

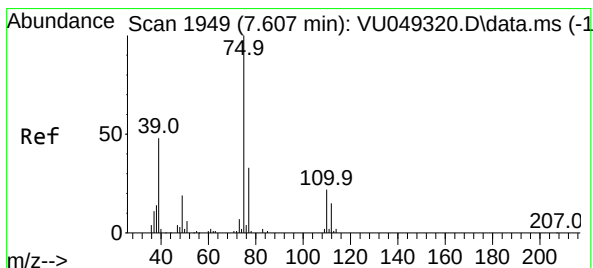
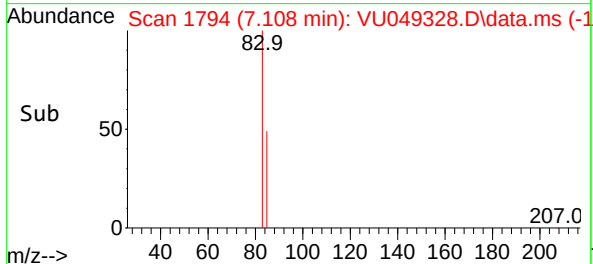
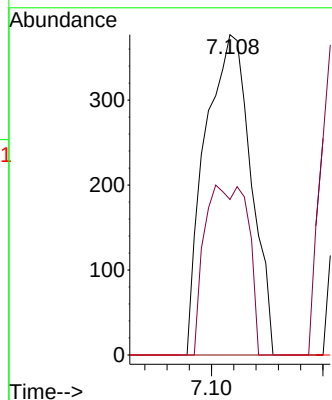
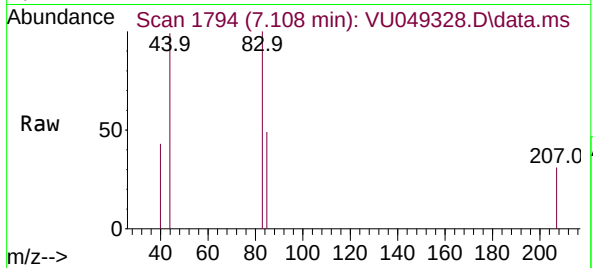




#38
Bromodichloromethane
Concen: 0.041 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049328.D
Acq: 21 Jun 2022 15:30

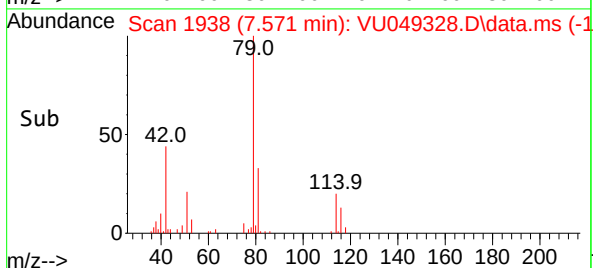
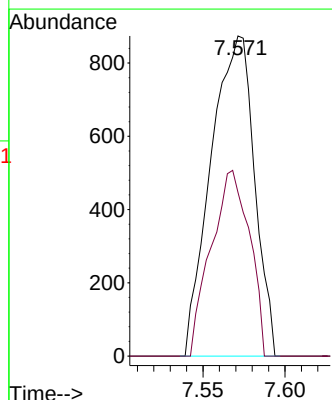
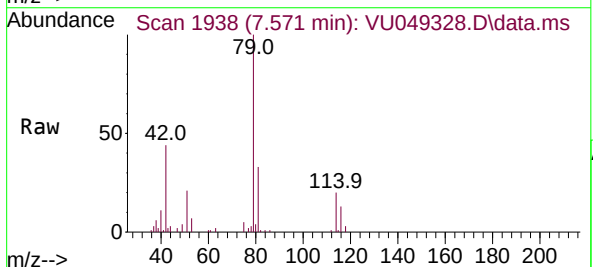
Instrument :
MSVOA_U
ClientSampleId :
C0AL2

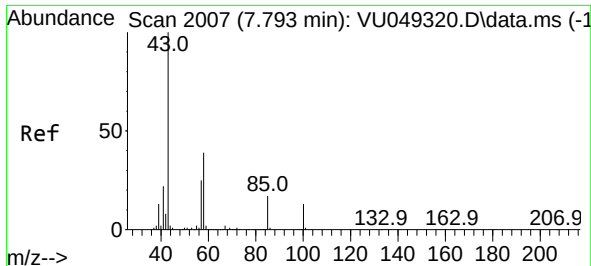
Tgt Ion: 83 Resp: 539
Ion Ratio Lower Upper
83 100
85 48.5 45.5 84.5
127 0.0 7.1 10.7#



#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.035 min
Lab File: VU049328.D
Acq: 21 Jun 2022 15:30

Tgt Ion: 75 Resp: 1609
Ion Ratio Lower Upper
75 100
77 51.1 21.8 40.4#





#40

4-Methyl-2-pentanone

Concen: 2.292 ug/L

RT: 7.713 min Scan# 1982

Delta R.T. -0.080 min

Lab File: VU049328.D

Acq: 21 Jun 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

COAL2

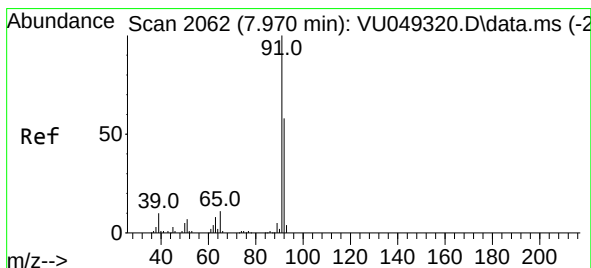
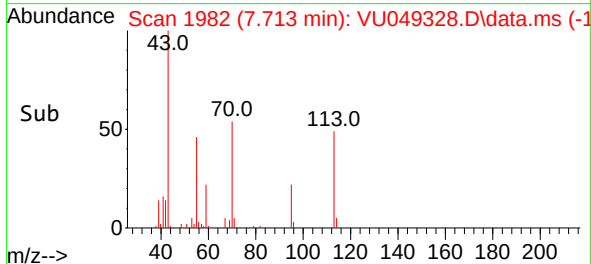
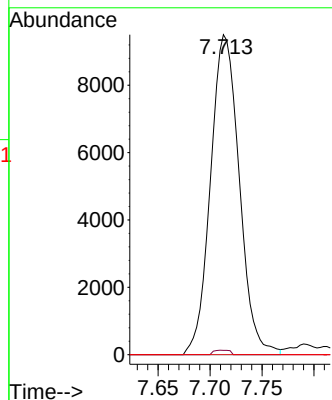
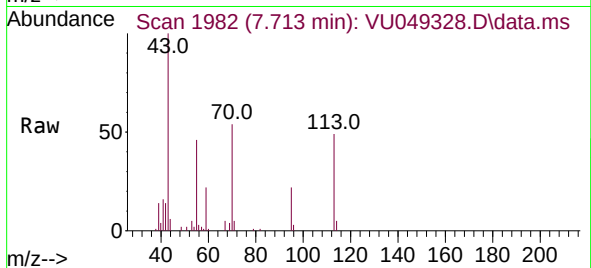
Tgt Ion: 43 Resp: 18305

Ion Ratio Lower Upper

43 100

58 0.8 31.4 47.2#

100 0.0 10.5 15.7#



#42

Toluene

Concen: 0.286 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049328.D

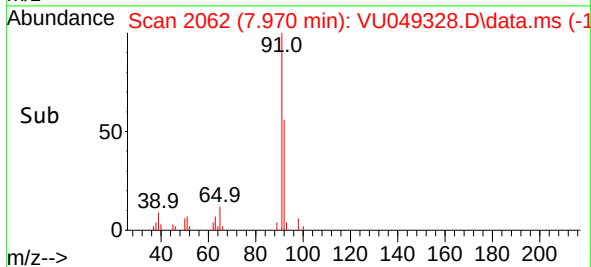
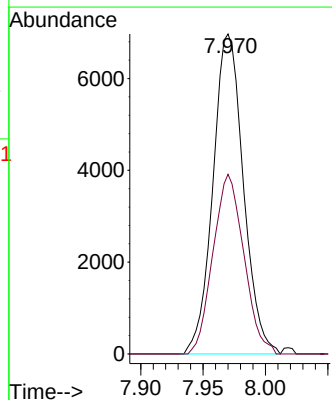
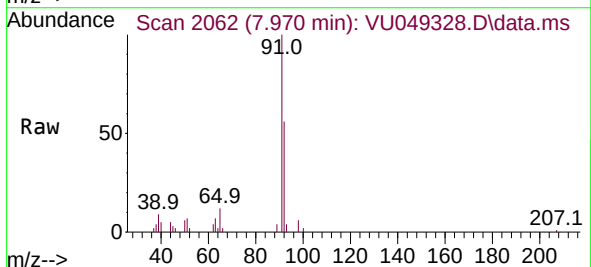
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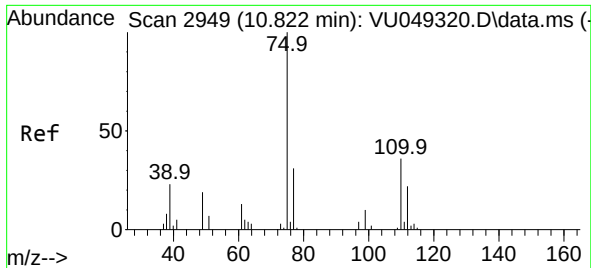
Tgt Ion: 91 Resp: 11859

Ion Ratio Lower Upper

91 100

92 56.2 40.0 74.2





#61
 1,2,3-Trichloropropane
 Concen: 1.200 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049328.D
 Acq: 21 Jun 2022 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL2

Tgt Ion: 75 Resp: 8678
 Ion Ratio Lower Upper
 75 100
 110 2.1 29.0 43.4#
 77 32.8 26.2 39.2

