

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028248.D
 Acq On : 01 Oct 2022 00:33
 Operator : SY/MD
 Sample : N4866-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ0

Quant Time: Oct 01 02:19:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

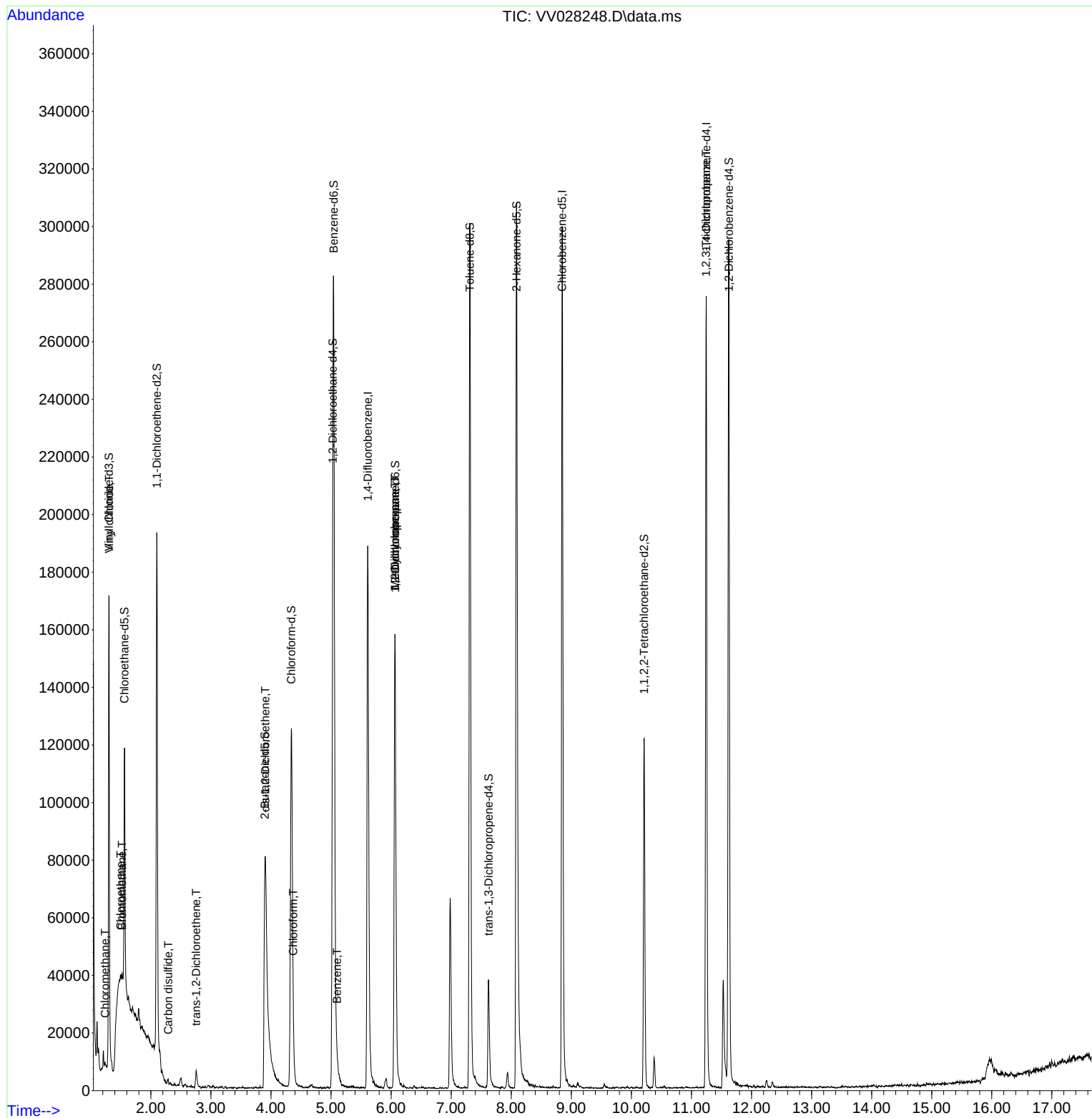
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	176586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	177481	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	61000	3.332	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.561	69	54814	3.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.098	63	91770	2.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.899	46	132880	42.993	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.980%
24) Chloroform-d	4.339	84	136637	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.027	65	64025	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.043	84	265457	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.066	67	82430	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.310	98	217118	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.622	79	25269	3.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.088	63	120052	43.892	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.780%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	60693	4.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	85483	5.456	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	686	0.039	ug/L	88
5) Vinyl chloride	1.304	62	50561	3.692	ug/L	98
6) Bromomethane	1.520	94	513	0.058	ug/L	84
8) Chloroethane	1.494	64	123961	13.500	ug/L #	52
14) Carbon disulfide	2.288	76	1395	0.060	ug/L #	74
18) trans-1,2-Dichloroethene	2.754	96	2260	0.212	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	18205	1.299	ug/L	85
25) Chloroform	4.372	83	1936	0.077	ug/L	91
33) Benzene	5.098	78	6543	0.133	ug/L	100
35) Methylcyclohexane	6.063	83	20034	1.191	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8739	0.633	ug/L #	88
61) 1,2,3-Trichloropropane	11.243	75	7216	1.077	ug/L #	67

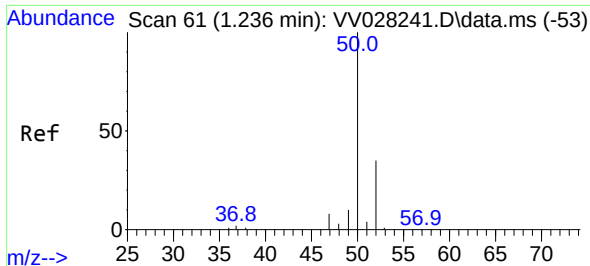
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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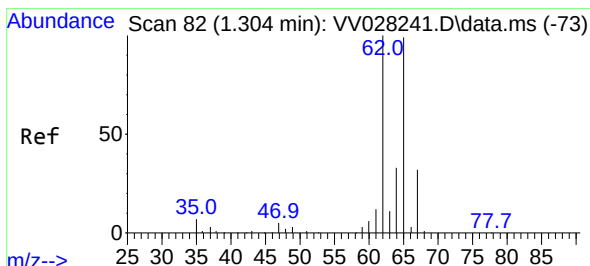
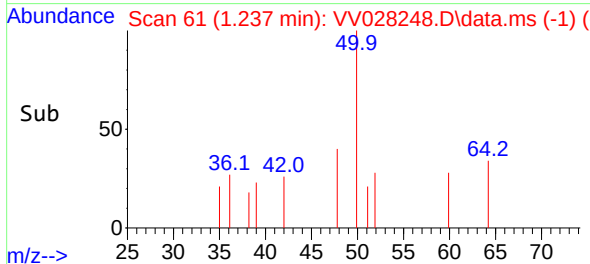
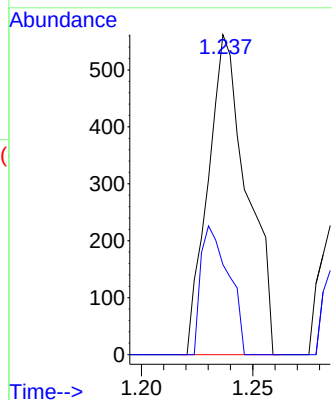
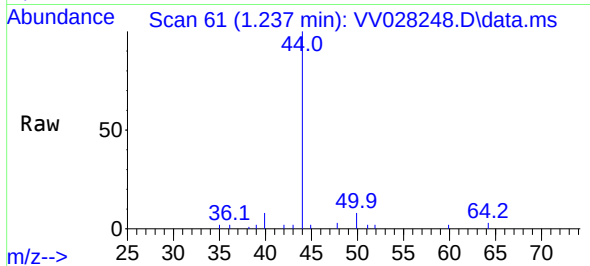




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

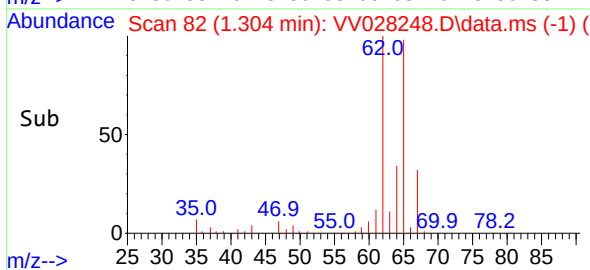
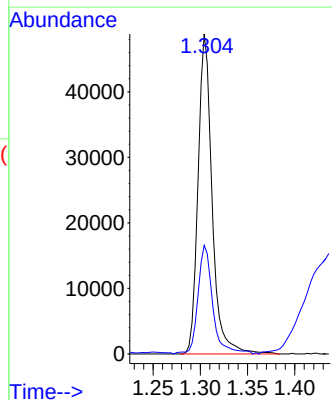
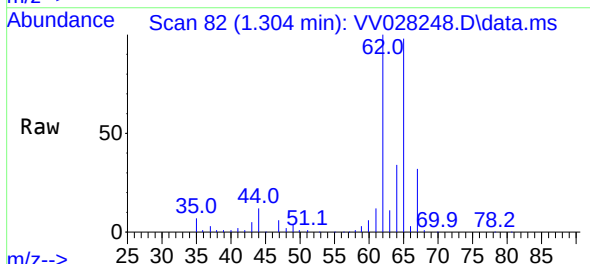
Instrument :
MSVOA_V
ClientSampleId :
EXFQ0

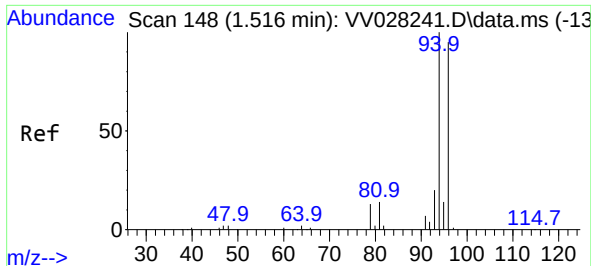
Tgt Ion: 50 Resp: 686
Ion Ratio Lower Upper
50 100
52 28.1 24.4 45.2



#5
Vinyl chloride
Concen: 3.692 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

Tgt Ion: 62 Resp: 50561
Ion Ratio Lower Upper
62 100
64 34.0 23.0 42.8

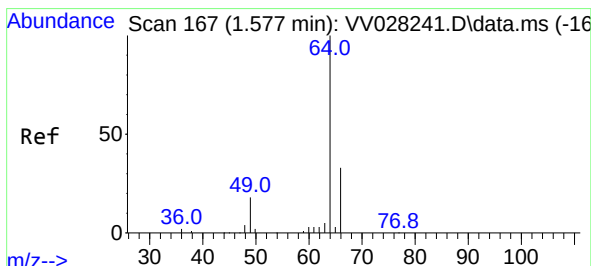
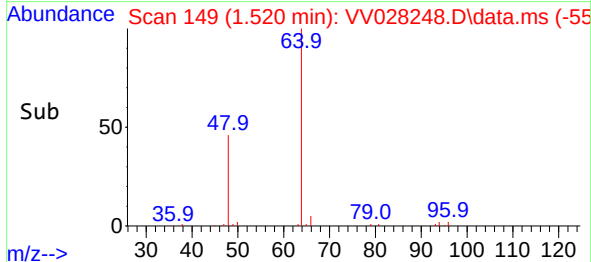
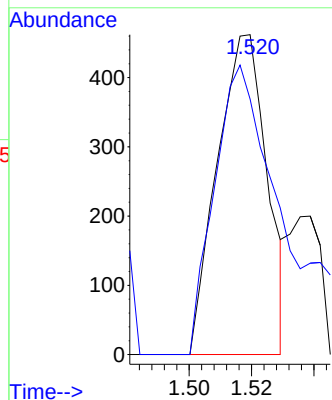
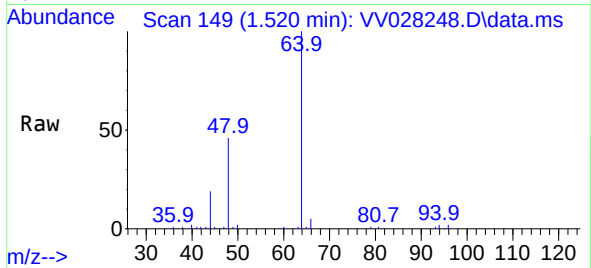




#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.520 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

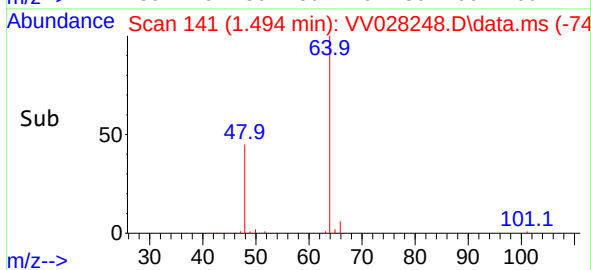
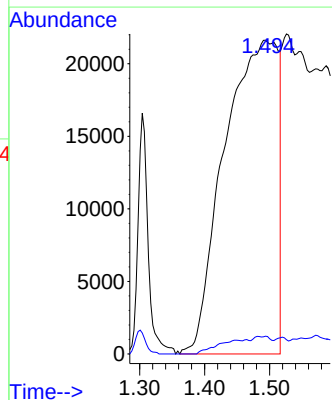
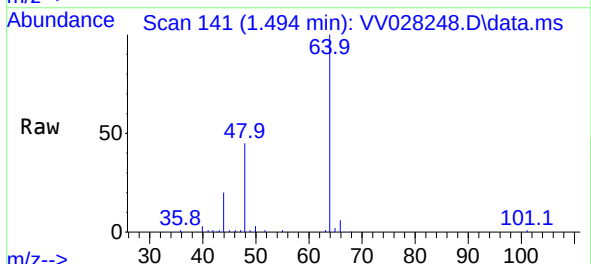
Instrument :
MSVOA_V
ClientSampleId :
EXFQ0

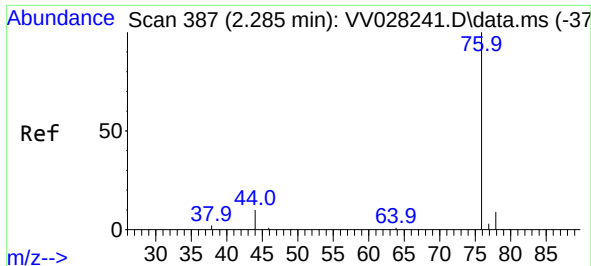
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 79.9 66.7 123.9



#8
Chloroethane
Concen: 13.500 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.084 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

Tgt Ion: 64 Resp: 123961
Ion Ratio Lower Upper
64 100
66 5.7 23.0 42.8#

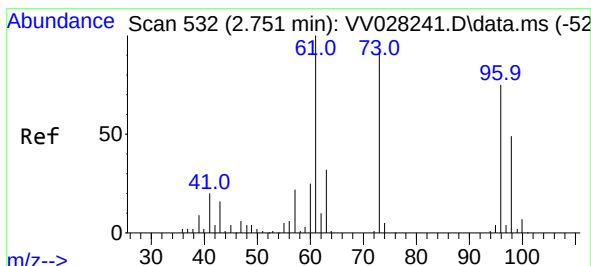
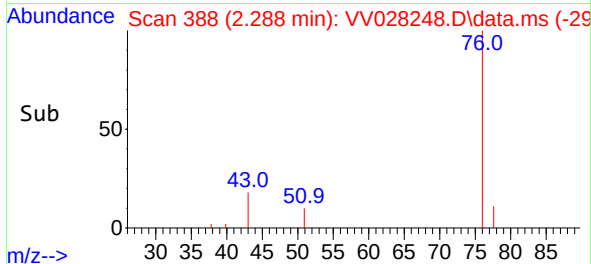
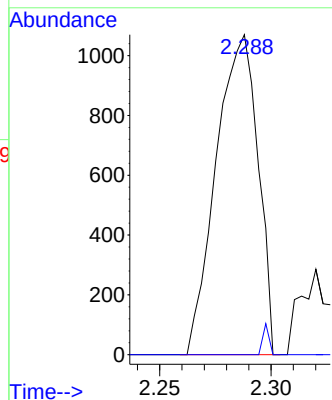
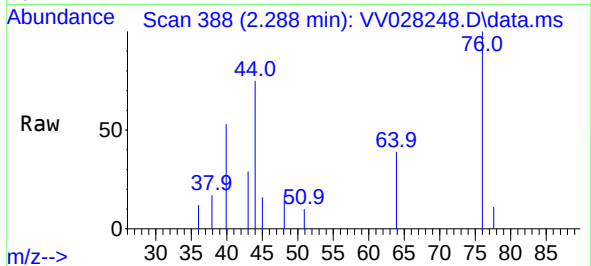




#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

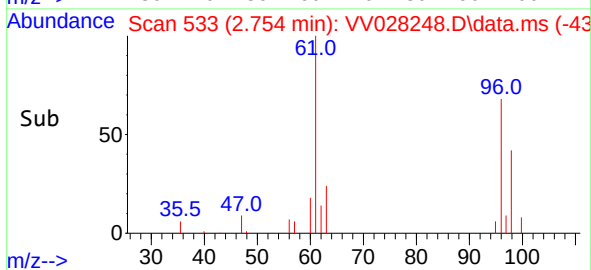
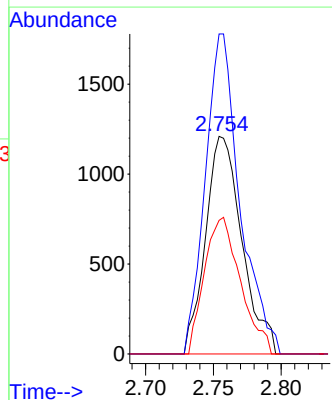
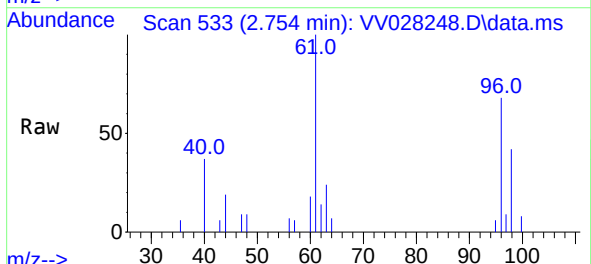
Instrument :
MSVOA_V
ClientSampleId :
EXFQ0

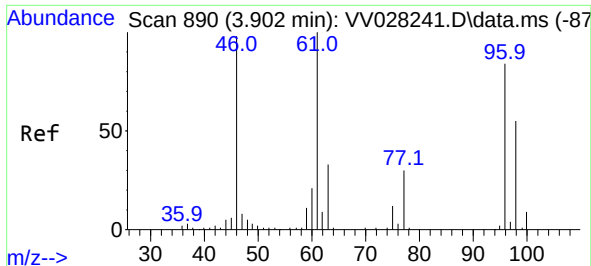
Tgt Ion: 76 Resp: 1395
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
trans-1,2-Dichloroethene
Concen: 0.212 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

Tgt Ion: 96 Resp: 2260
Ion Ratio Lower Upper
96 100
61 147.0 96.2 178.6
98 61.4 45.7 84.9

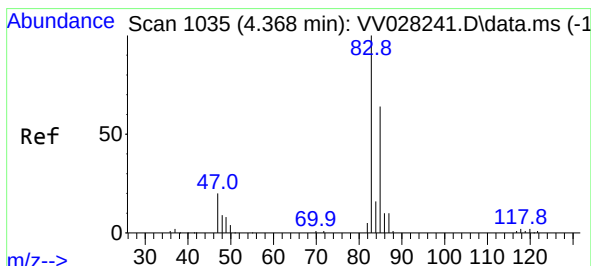
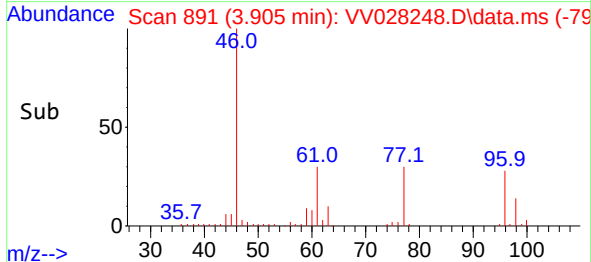
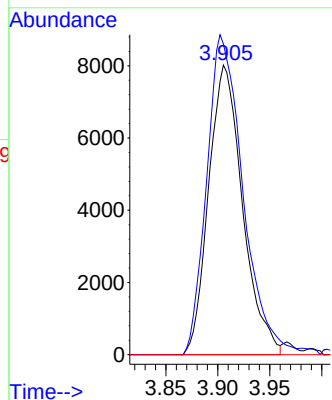
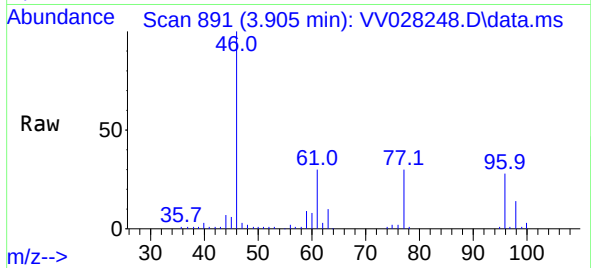




#22
cis-1,2-Dichloroethene
Concen: 1.299 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

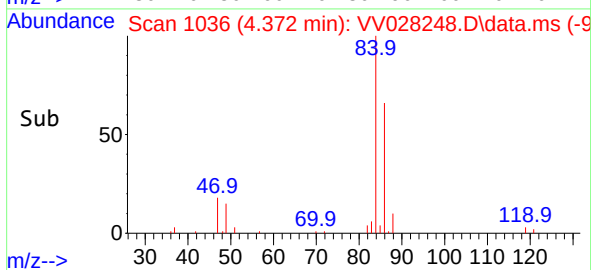
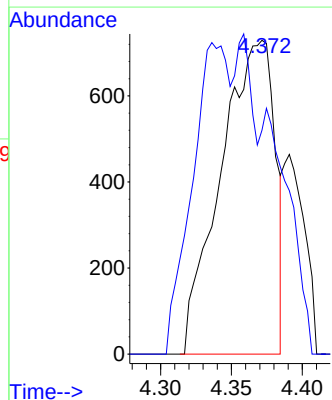
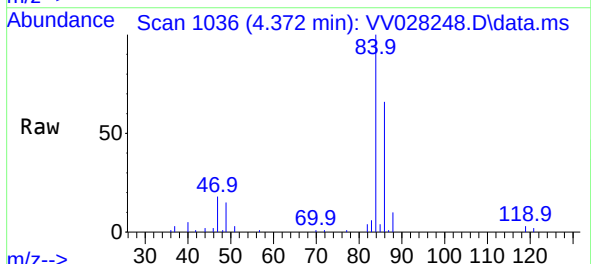
Instrument :
MSVOA_V
ClientSampleId :
EXFQ0

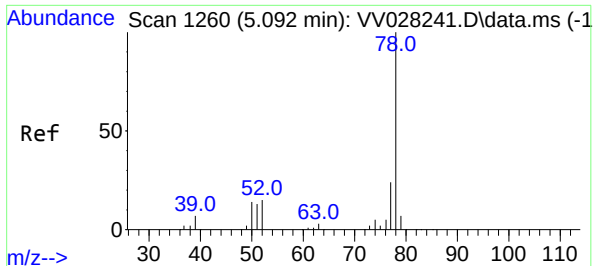
Tgt Ion: 96 Resp: 18205
Ion Ratio Lower Upper
96 100
61 107.3 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.077 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

Tgt Ion: 83 Resp: 1936
Ion Ratio Lower Upper
83 100
85 71.3 45.1 83.7

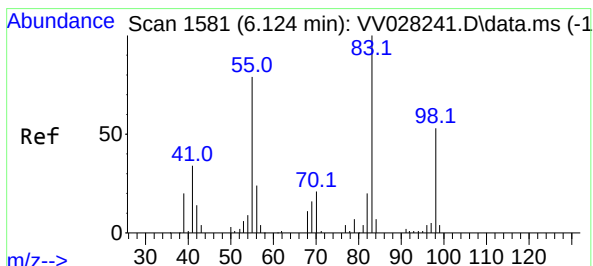
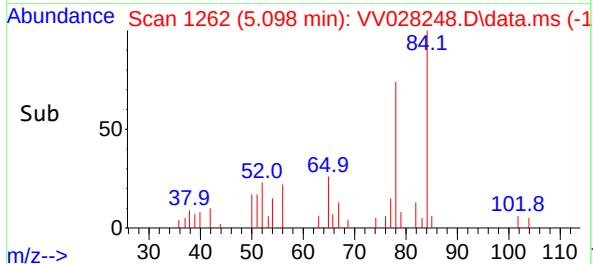
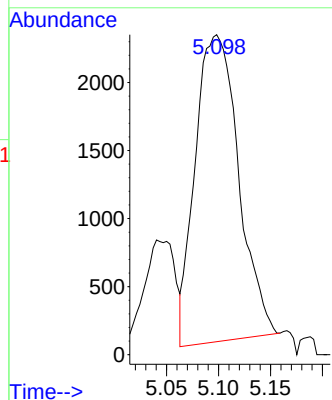
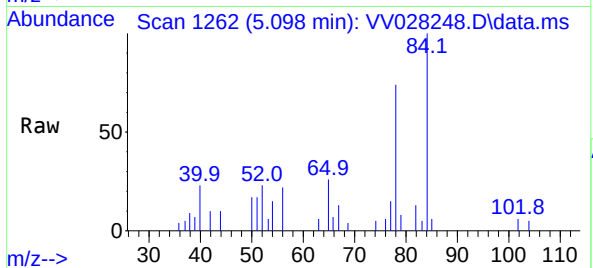




#33
Benzene
Concen: 0.133 ug/L
RT: 5.098 min Scan# 1562
Delta R.T. 0.010 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

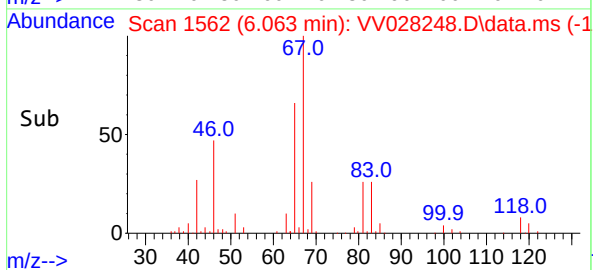
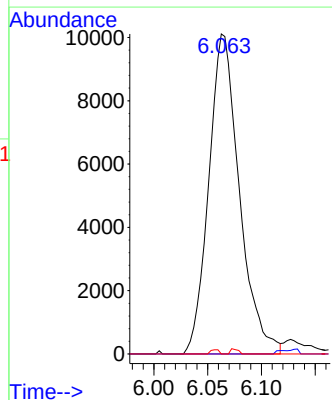
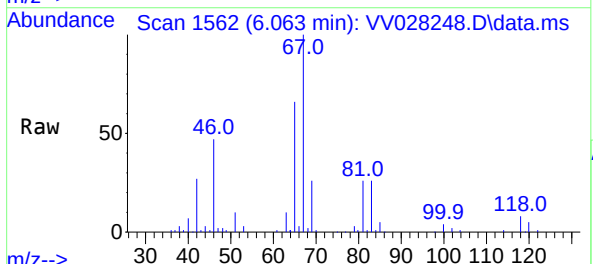
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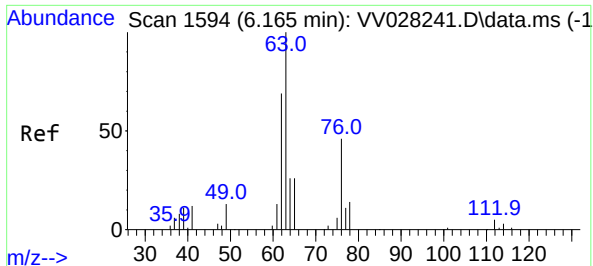
Tgt Ion: 78 Resp: 6543



#35
Methylcyclohexane
Concen: 1.191 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

Tgt Ion: 83 Resp: 20034
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.4 39.5 59.3#

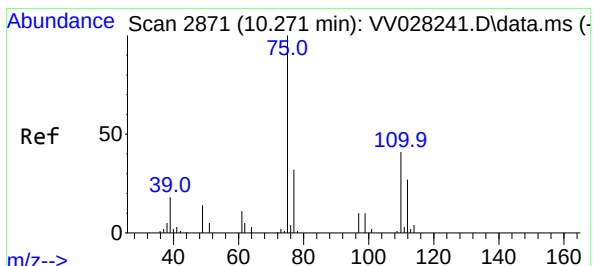
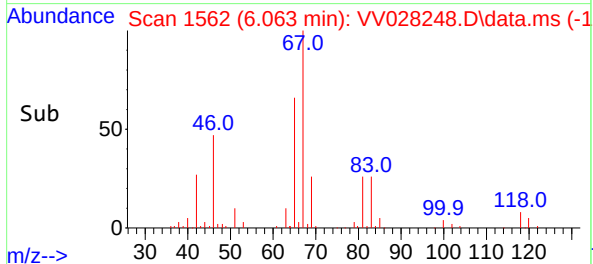
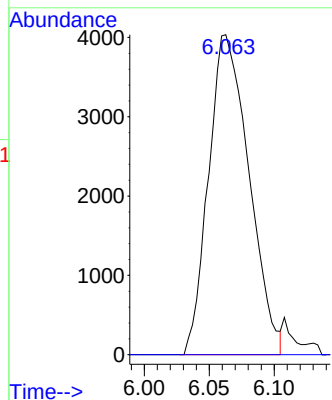
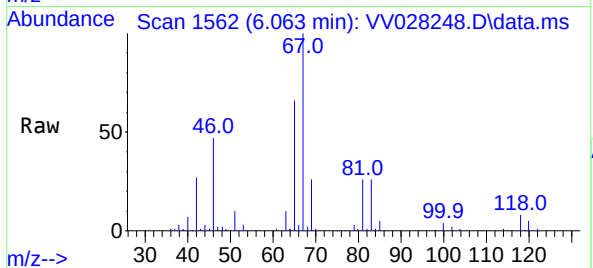




#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028248.D
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Tgt Ion: 63 Resp: 8739
Ion Ratio Lower Upper
63 100
112 0.6 3.5 5.3#



#61
1,2,3-Trichloropropane
Concen: 1.077 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028248.D
Acq: 01 Oct 2022 00:33

Tgt Ion: 75 Resp: 7216
Ion Ratio Lower Upper
75 100
77 34.9 26.7 40.1
110 1.9 30.1 45.1#

