

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012523\
 Data File : VW029940.D
 Acq On : 25 Jan 2023 13:50
 Operator : SY/MD
 Sample : 01277-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9H3

Quant Time: Jan 25 22:13:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 22:12:17 2023
 Response via : Initial Calibration

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

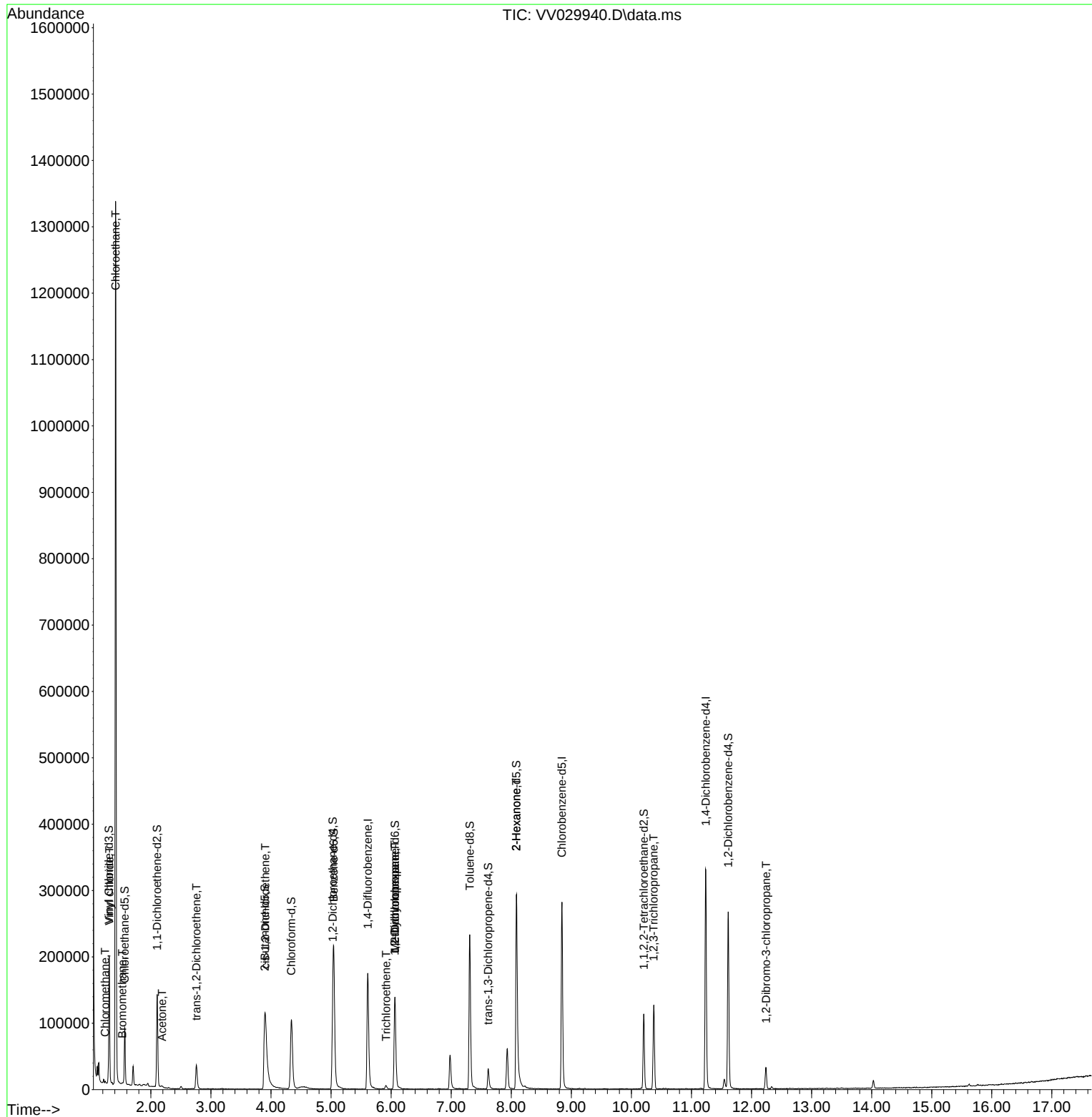
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	161141	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	164523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	91483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52701	4.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.564	69	53403	5.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.105	63	73867	3.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.895	46	140504	64.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.720%
24) Chloroform-d	4.339	84	114010	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.027	65	50941	5.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.043	84	207526	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.063	67	74746	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.310	98	165822	3.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.616	79	19567	3.751	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.085	63	115383	54.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58565	5.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	72498	4.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1737	0.110	ug/L	84
5) Vinyl chloride	1.310	62	69543	4.493	ug/L	100
6) Bromomethane	1.523	94	669	0.089	ug/L	87
8) Chloroethane	1.413	64	3123	0.333	ug/L #	63
13) Acetone	2.185	43	3733	2.414	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	13350	1.044	ug/L	90
22) cis-1,2-Dichloroethene	3.905	96	21691	1.592	ug/L	90
34) Trichloroethene	5.915	95	2003	0.145	ug/L	87
35) Methylcyclohexane	6.063	83	16525	0.710	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	7393	0.580	ug/L #	85
48) 2-Hexanone	8.085	43	12014	3.092	ug/L #	64
61) 1,2,3-Trichloropropane	10.371	75	1051	0.155	ug/L #	78
68) 1,2-Dibromo-3-chloropr...	12.242	75	993	0.620	ug/L #	10

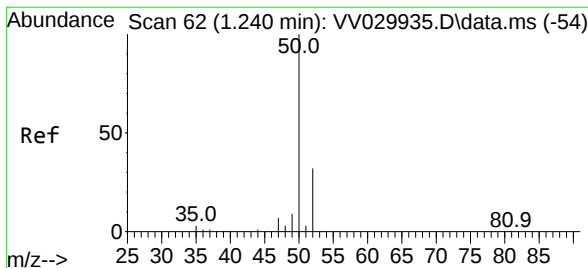
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 25 22:12:17 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV029940.D

Acq: 25 Jan 2023 13:50

Instrument :

MSVOA_V

ClientSampleId :

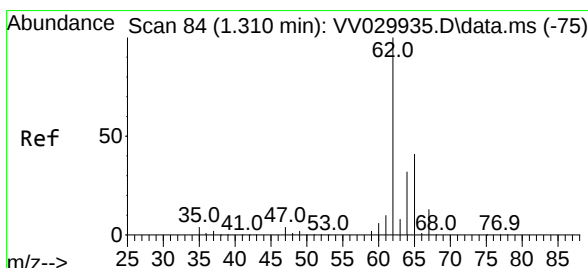
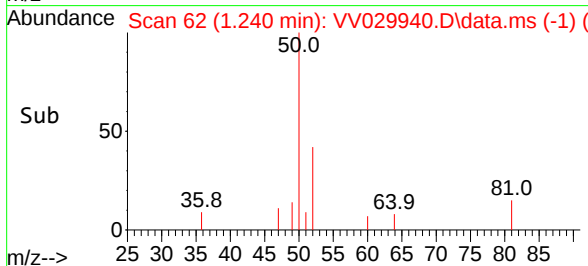
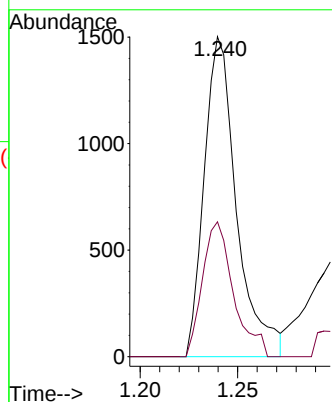
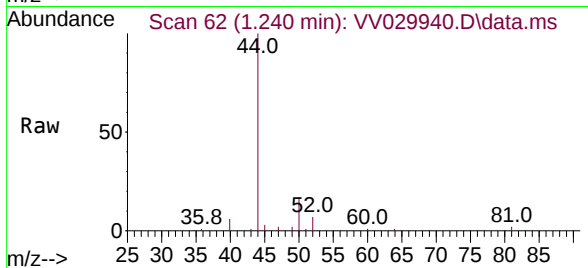
EX9H3

Tgt Ion: 50 Resp: 1737

Ion Ratio Lower Upper

50 100

52 42.1 23.1 42.9



#5

Vinyl chloride

Concen: 4.493 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV029940.D

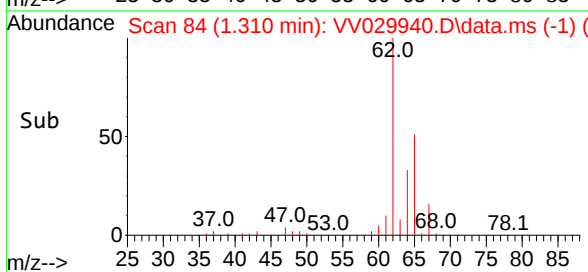
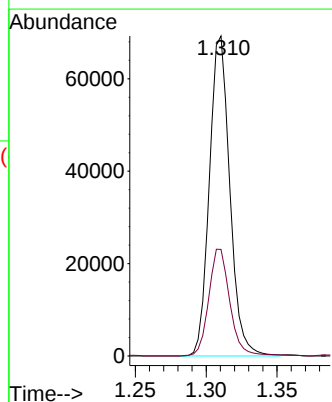
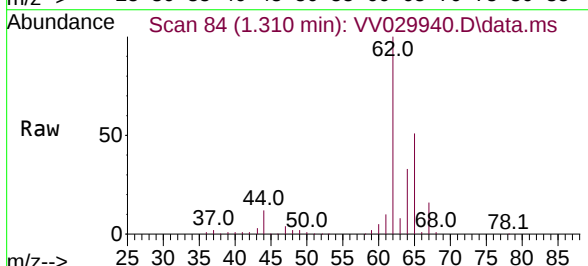
Acq: 25 Jan 2023 13:50

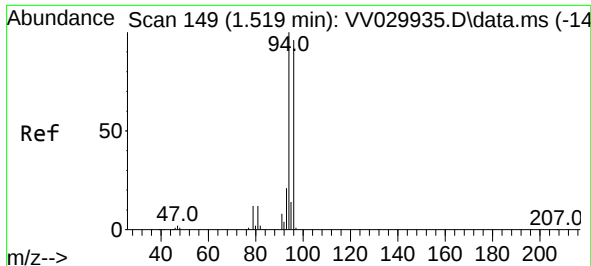
Tgt Ion: 62 Resp: 69543

Ion Ratio Lower Upper

62 100

64 33.3 23.2 43.2

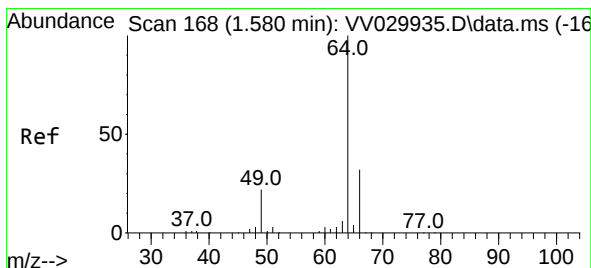
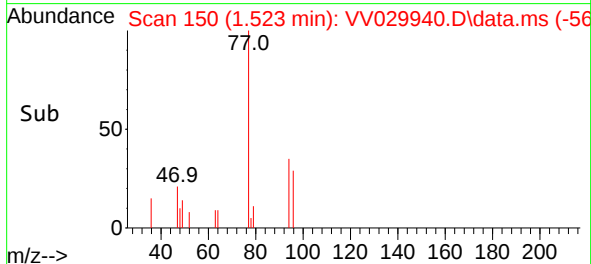
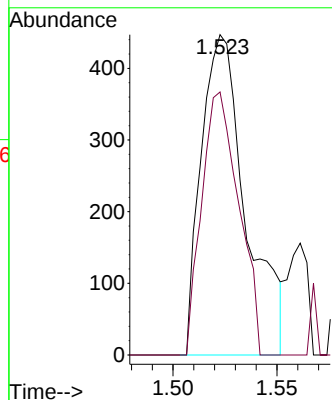
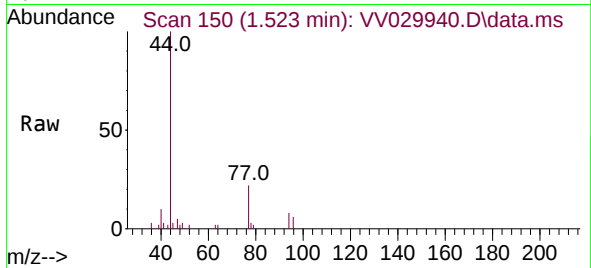




#6
Bromomethane
Concen: 0.089 ug/L
RT: 1.523 min Scan# 116
Delta R.T. 0.003 min
Lab File: VV029940.D
Acq: 25 Jan 2023 13:50

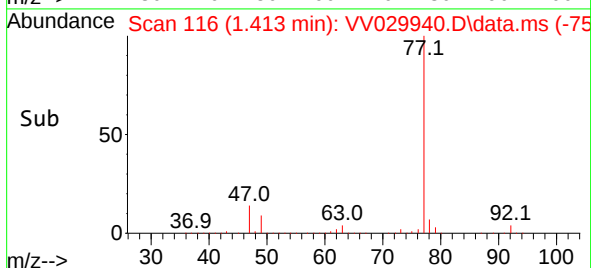
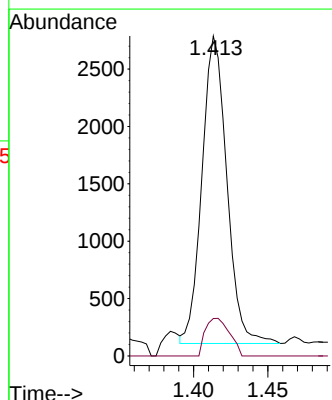
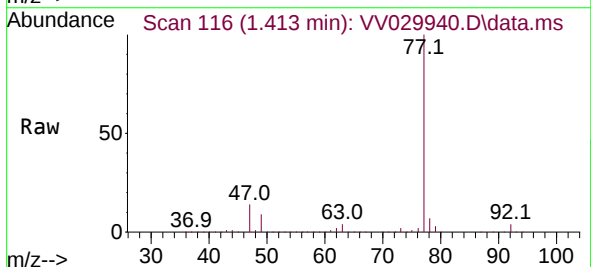
Instrument :
MSVOA_V
ClientSampleId :
EX9H3

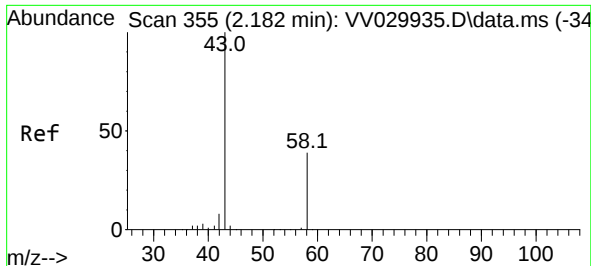
Tgt Ion: 94 Resp: 669
Ion Ratio Lower Upper
94 100
96 82.1 65.9 122.5



#8
Chloroethane
Concen: 0.333 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.167 min
Lab File: VV029940.D
Acq: 25 Jan 2023 13:50

Tgt Ion: 64 Resp: 3123
Ion Ratio Lower Upper
64 100
66 11.7 22.9 42.5#





#13

Acetone

Concen: 2.414 ug/L

RT: 2.185 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV029940.D

Acq: 25 Jan 2023 13:50

Instrument :

MSVOA_V

ClientSampleId :

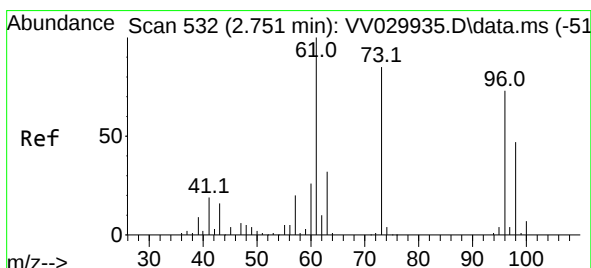
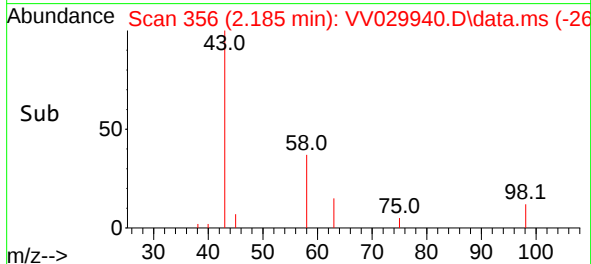
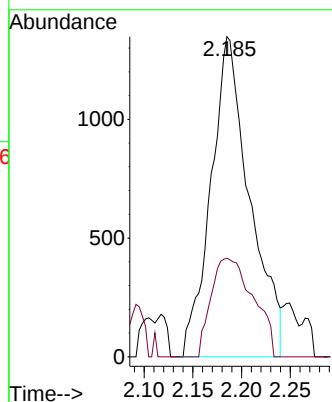
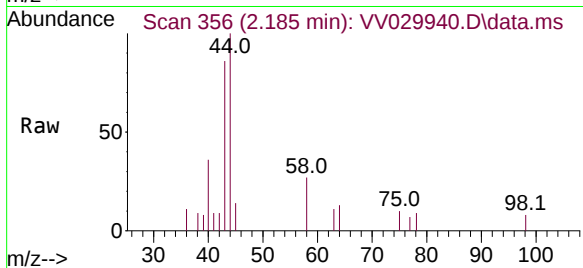
EX9H3

Tgt Ion: 43 Resp: 3733

Ion Ratio Lower Upper

43 100

58 33.5 0.0 68.8



#18

trans-1,2-Dichloroethene

Concen: 1.044 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.006 min

Lab File: VV029940.D

Acq: 25 Jan 2023 13:50

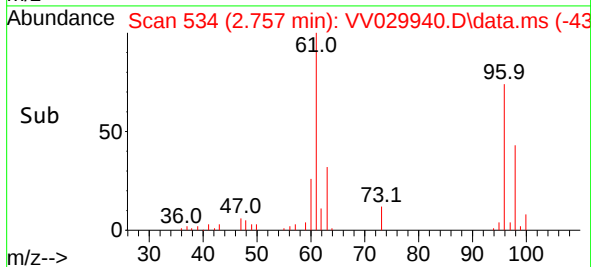
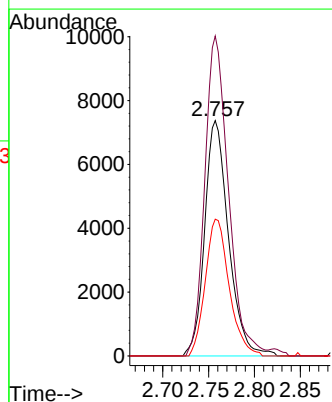
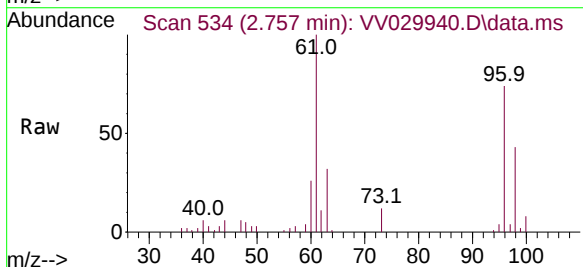
Tgt Ion: 96 Resp: 13350

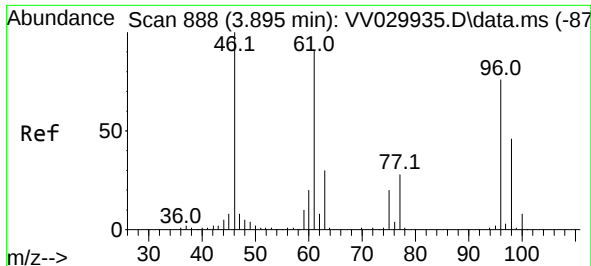
Ion Ratio Lower Upper

96 100

61 136.0 86.1 159.9

98 58.1 43.9 81.5

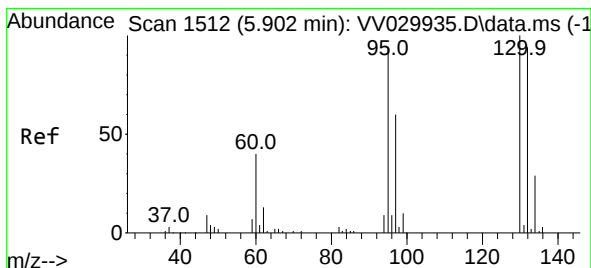
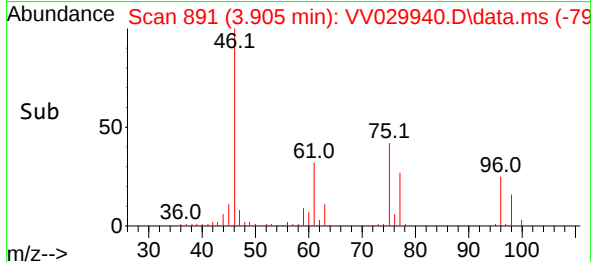
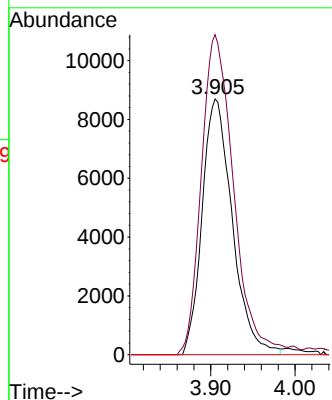
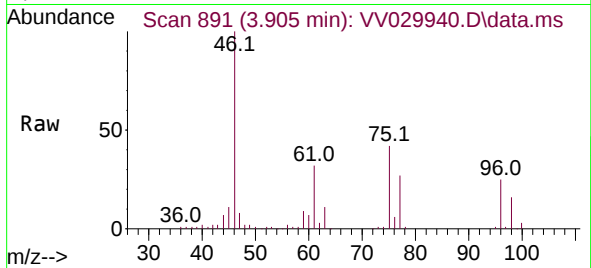




#22
 cis-1,2-Dichloroethene
 Concen: 1.592 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV029940.D
 Acq: 25 Jan 2023 13:50

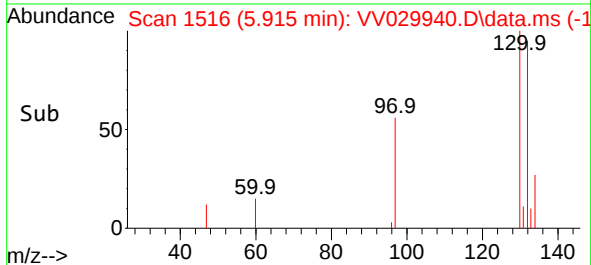
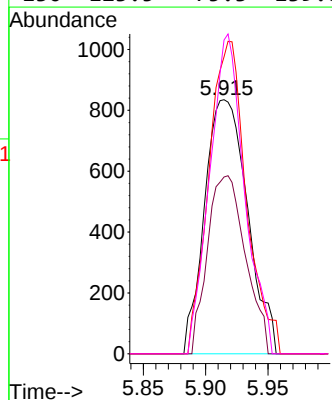
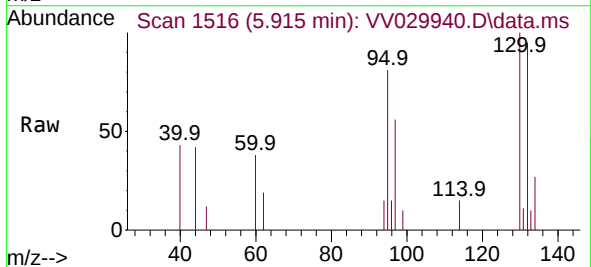
Instrument :
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 ClientSampleId :
 EX9H3

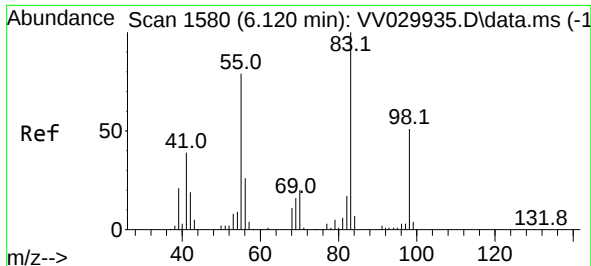
Tgt Ion: 96 Resp: 21691
 Ion Ratio Lower Upper
 96 100
 61 125.1 80.0 148.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.145 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.013 min
 Lab File: VV029940.D
 Acq: 25 Jan 2023 13:50

Tgt Ion: 95 Resp: 2003
 Ion Ratio Lower Upper
 95 100
 97 69.6 44.9 83.3
 132 116.9 71.8 133.4
 130 123.5 75.3 139.8

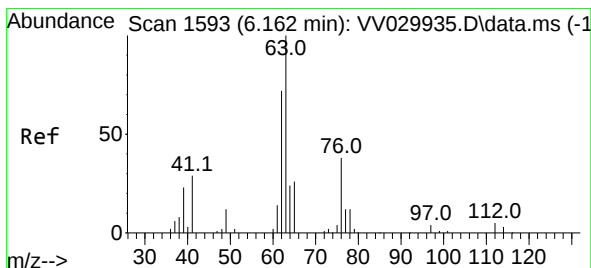
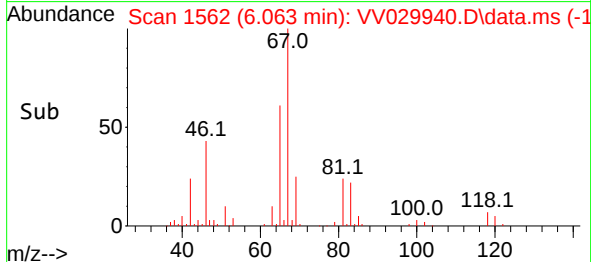
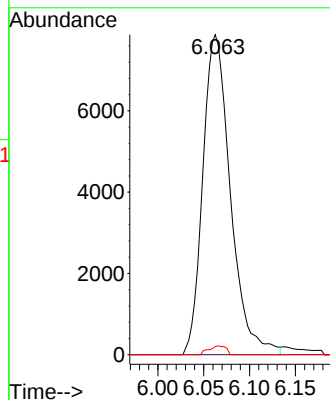
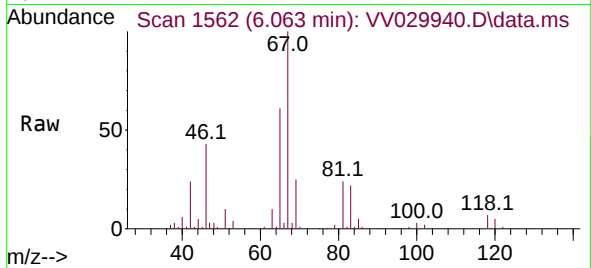




#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV029940.D
Acq: 25 Jan 2023 13:50

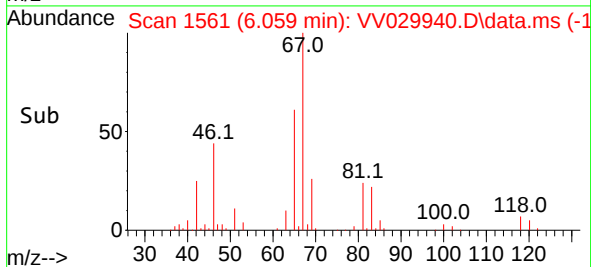
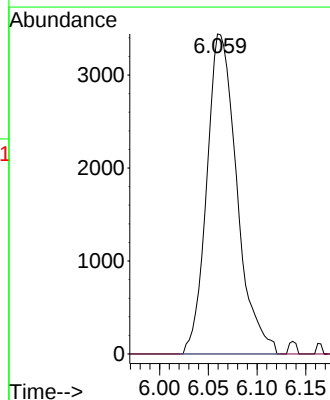
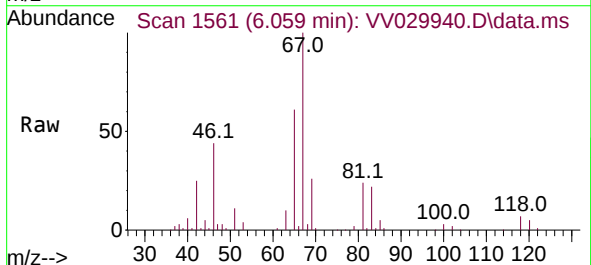
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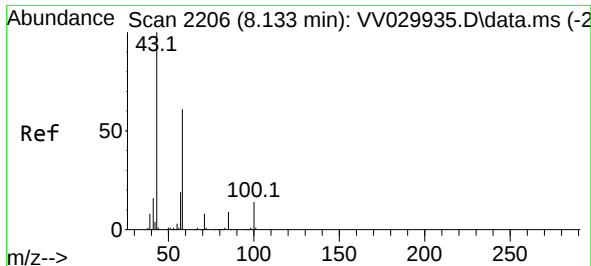
Tgt Ion: 83 Resp: 16525
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.7 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.103 min
Lab File: VV029940.D
Acq: 25 Jan 2023 13:50

Tgt Ion: 63 Resp: 7393
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

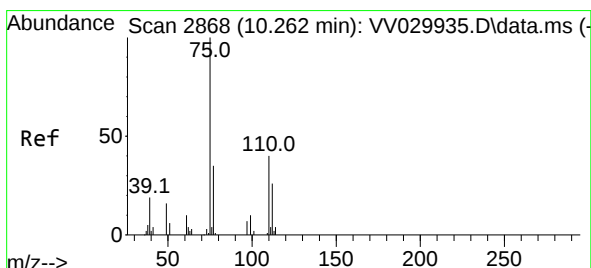
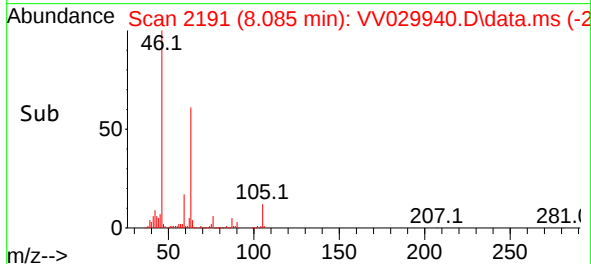
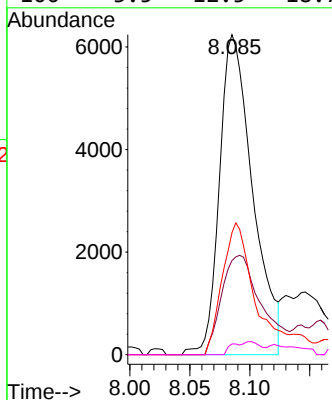
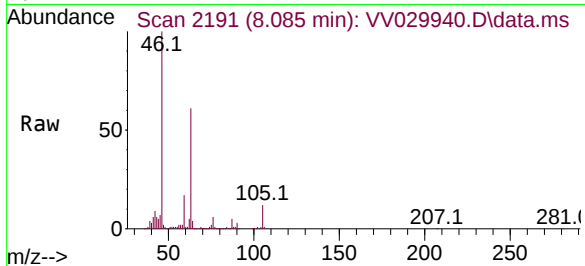




#48
2-Hexanone
Concen: 3.092 ug/L
RT: 8.085 min Scan# 2102
Delta R.T. -0.048 min
Lab File: VV029940.D
Acq: 25 Jan 2023 13:50

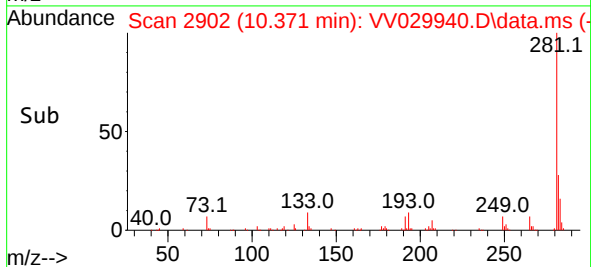
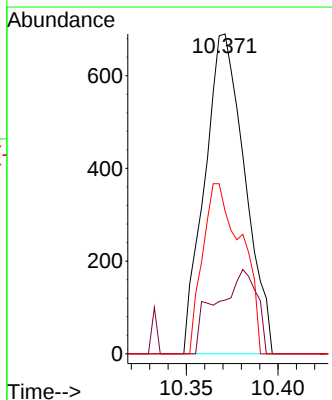
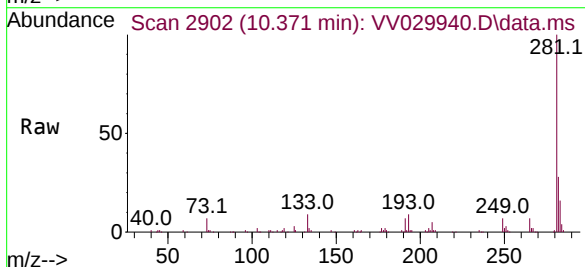
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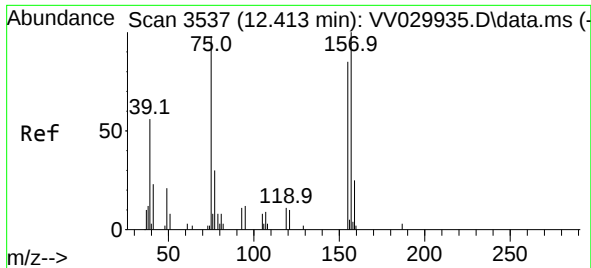
Tgt Ion: 43	Resp: 12014
Ion Ratio	Lower Upper
43 100	
58 37.9	51.4 77.2#
57 43.7	17.0 25.6#
100 3.5	12.5 18.7#



#61
1,2,3-Trichloropropane
Concen: 0.155 ug/L
RT: 10.371 min Scan# 2902
Delta R.T. 0.109 min
Lab File: VV029940.D
Acq: 25 Jan 2023 13:50

Tgt Ion: 75	Resp: 1051
Ion Ratio	Lower Upper
75 100	
77 18.3	26.5 39.7#
110 51.6	31.8 47.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.620 ug/L

RT: 12.242 min Scan# 34

Delta R.T. -0.170 min

Lab File: VV029940.D

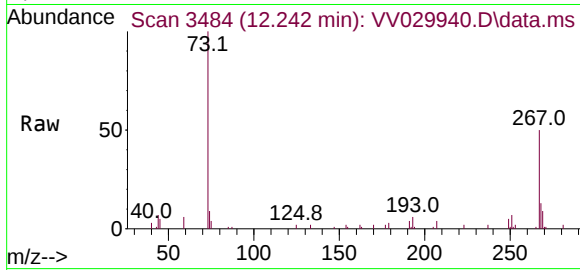
Acq: 25 Jan 2023 13:50

Instrument :

MSVOA_V

ClientSampleId :

EX9H3



Tgt Ion: 75 Resp: 993

Ion Ratio Lower Upper

75 100

155 31.5 75.5 113.3#

157 0.0 99.2 148.8#

