

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029626.D
 Acq On : 13 Dec 2022 03:35
 Operator : SY/MD
 Sample : N5928-03DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ66DL

Quant Time: Dec 13 05:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

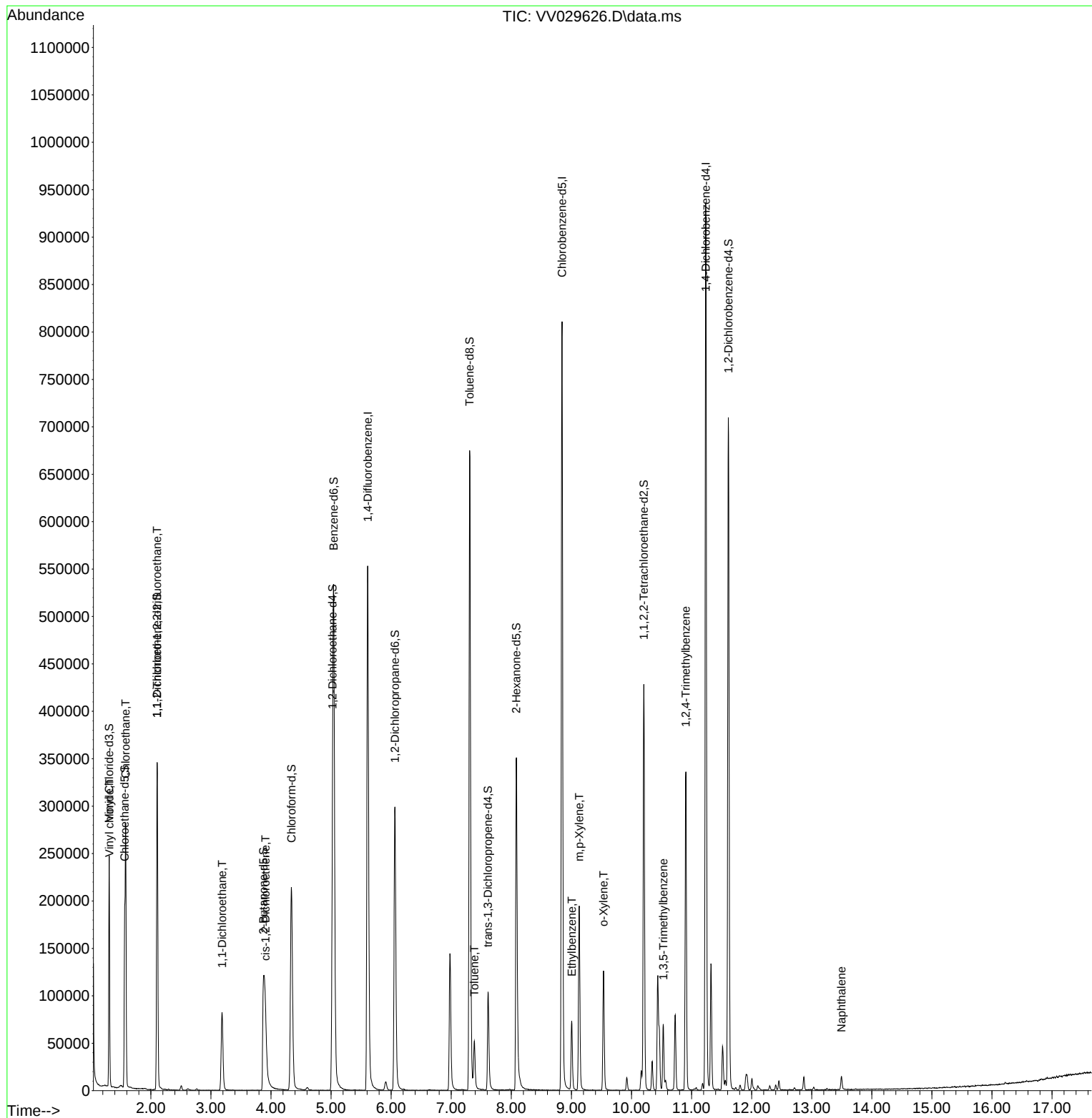
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	506854	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	472426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	251677	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	138125	44.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.000%
7) Chloroethane-d5	1.565	69	112992	47.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.480%
11) 1,1-Dichloroethene-d2	2.105	63	175213	36.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.380%
21) 2-Butanone-d5	3.873	46	161785	85.448	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.450%
24) Chloroform-d	4.339	84	234670	40.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.360%
26) 1,2-Dichloroethane-d4	5.024	65	142217	42.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.260%
32) Benzene-d6	5.044	84	516768	41.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.063	67	157787	41.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.760%
41) Toluene-d8	7.307	98	470597	40.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.020%
43) trans-1,3-Dichloroprop...	7.613	79	64206	33.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.700%
47) 2-Hexanone-d5	8.085	63	136978	84.126	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.130%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	212876	39.069	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.140%
66) 1,2-Dichlorobenzene-d4	11.612	152	191443	39.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.920%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	19280	5.062	ug/L	90
8) Chloroethane	1.581	64	153464	72.366	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1837	0.693	ug/L #	18
19) 1,1-Dichloroethane	3.185	63	85957	16.073	ug/L	100
20) cis-1,2-Dichloroethene	3.909	96	25183	7.336	ug/L	96
42) Toluene	7.384	91	38141	2.661	ug/L	96
52) Ethylbenzene	9.005	91	51634	3.427	ug/L	97
53) m,p-Xylene	9.130	106	57655	9.667	ug/L	100
54) o-Xylene	9.535	106	35264	5.978	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	37300	2.855	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	185922	14.356	ug/L	100
71) Naphthalene	13.493	128	12231	1.055	ug/L	96

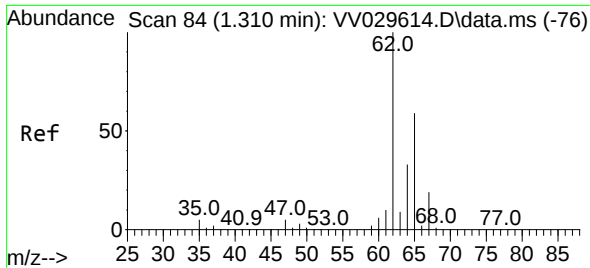
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121222\
Data File : VV029626.D
Acq On : 13 Dec 2022 03:35
Operator : SY/MD
Sample : N5928-03DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ66DL

Quant Time: Dec 13 05:26:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration

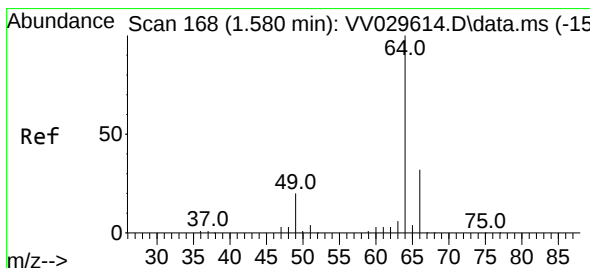
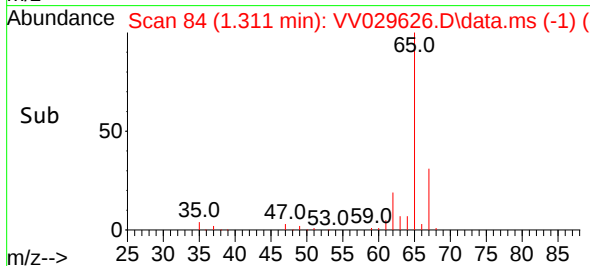
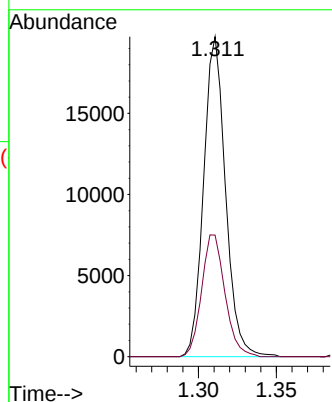
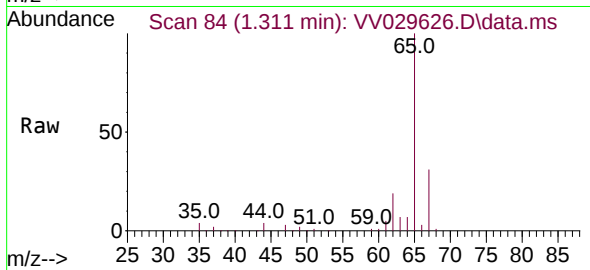




#5
 Vinyl chloride
 Concen: 5.062 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029626.D
 Acq: 13 Dec 2022 03:35

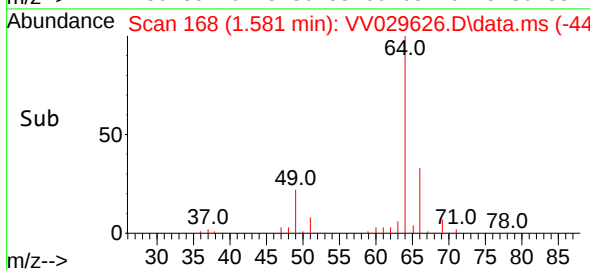
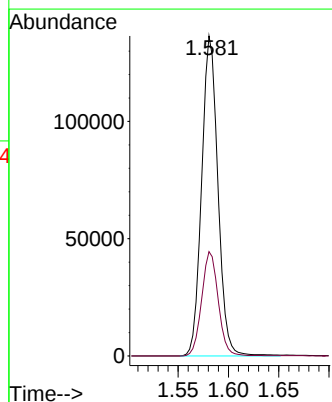
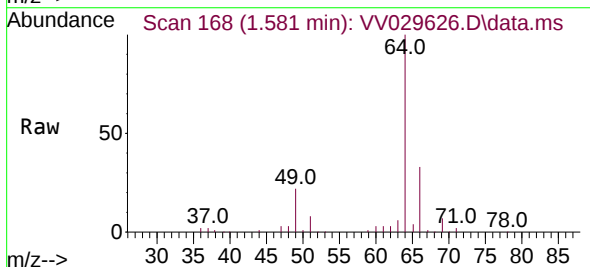
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ66DL

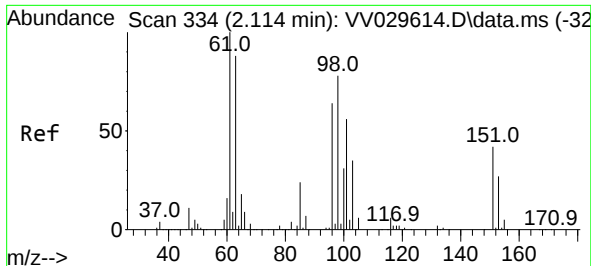
Tgt Ion: 62 Resp: 19280
 Ion Ratio Lower Upper
 62 100
 64 38.0 22.5 41.9



#8
 Chloroethane
 Concen: 72.366 ug/L
 RT: 1.581 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: VV029626.D
 Acq: 13 Dec 2022 03:35

Tgt Ion: 64 Resp: 153464
 Ion Ratio Lower Upper
 64 100
 66 32.6 22.5 41.9

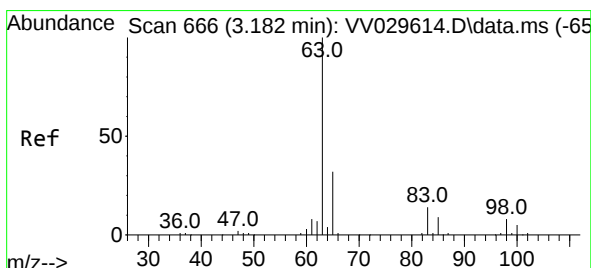
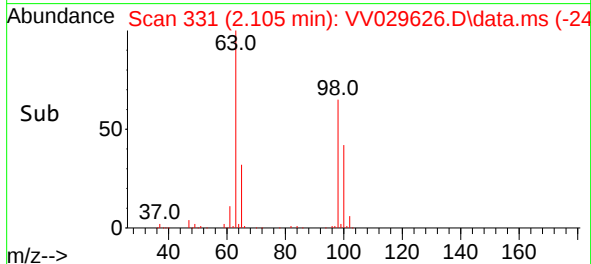
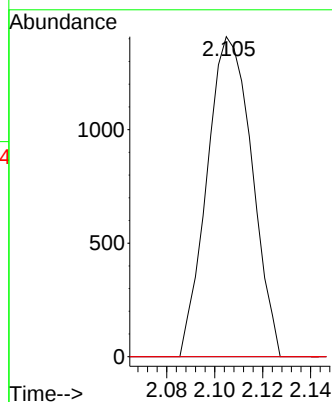
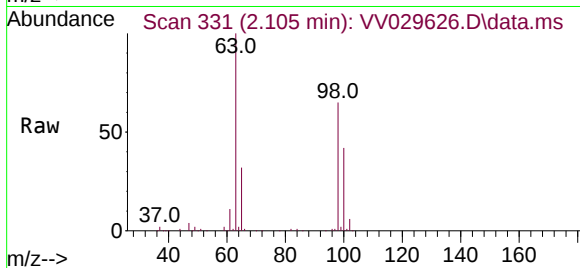




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.693 ug/L
 RT: 2.105 min Scan# 311
 Delta R.T. -0.009 min
 Lab File: VV029626.D
 Acq: 13 Dec 2022 03:35

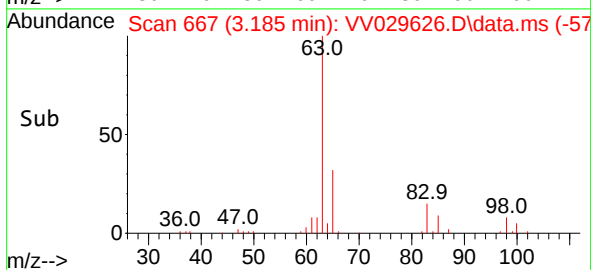
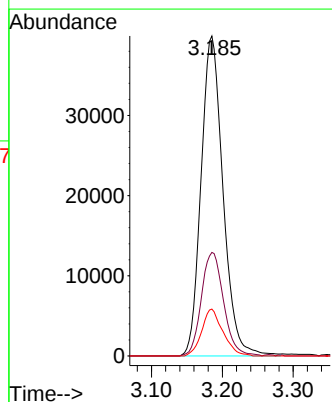
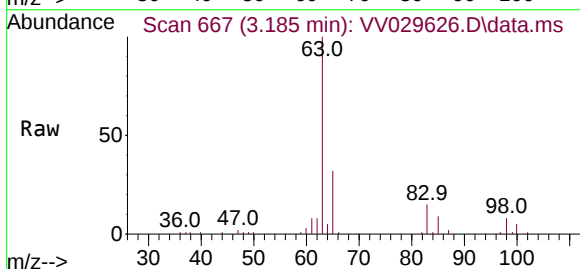
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ66DL

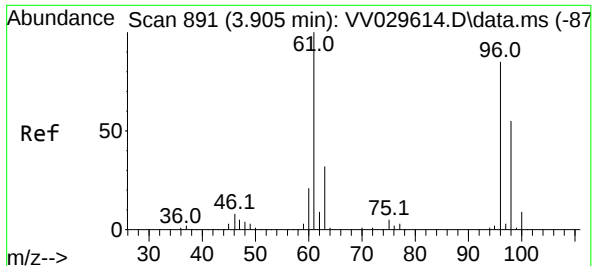
Tgt Ion:101 Resp: 1837
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 0.0 63.5 95.3#



#19
 1,1-Dichloroethane
 Concen: 16.073 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV029626.D
 Acq: 13 Dec 2022 03:35

Tgt Ion: 63 Resp: 85957
 Ion Ratio Lower Upper
 63 100
 65 32.4 22.5 41.7
 83 14.6 10.4 19.2

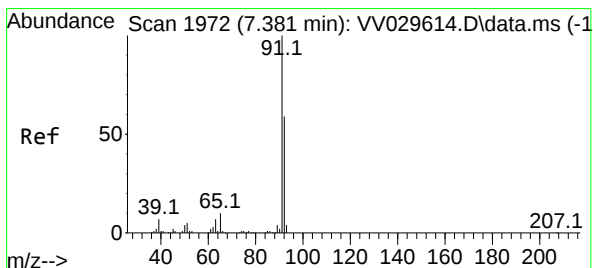
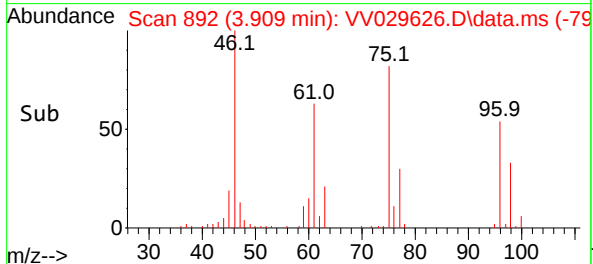
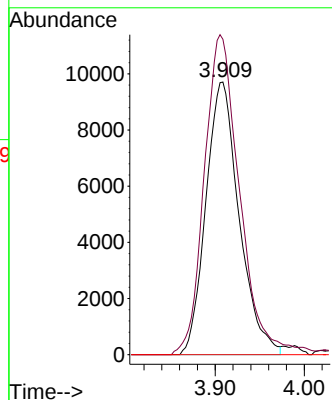
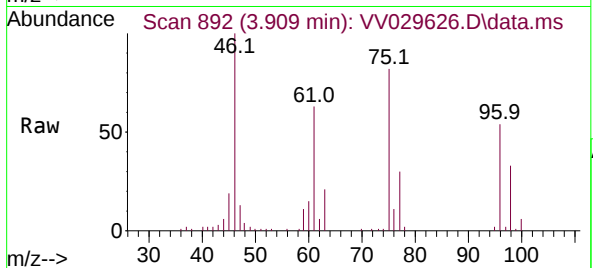




#20
 cis-1,2-Dichloroethene
 Concen: 7.336 ug/L
 RT: 3.909 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029626.D
 Acq: 13 Dec 2022 03:35

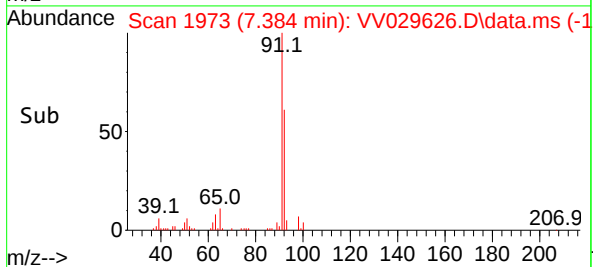
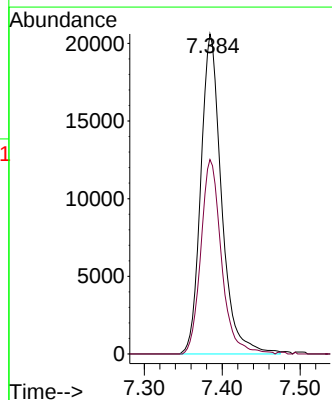
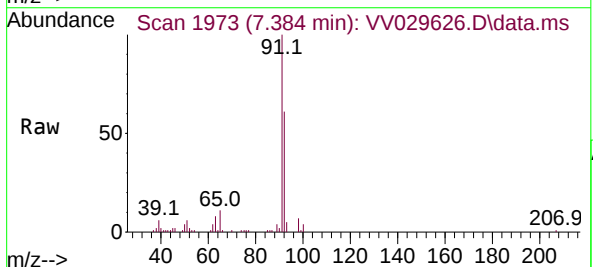
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ66DL

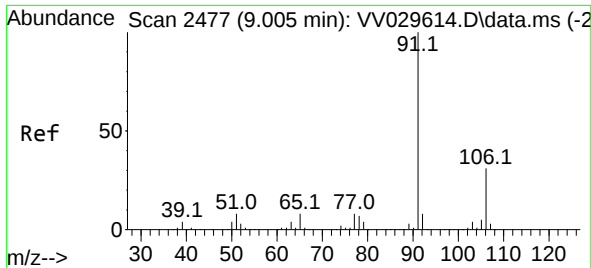
Tgt Ion: 96 Resp: 25183
 Ion Ratio Lower Upper
 96 100
 61 115.7 78.0 144.9
 68 0.0 0.0 0.0



#42
 Toluene
 Concen: 2.661 ug/L
 RT: 7.384 min Scan# 1973
 Delta R.T. 0.003 min
 Lab File: VV029626.D
 Acq: 13 Dec 2022 03:35

Tgt Ion: 91 Resp: 38141
 Ion Ratio Lower Upper
 91 100
 92 60.7 40.6 75.4





#52

Ethylbenzene

Concen: 3.427 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029626.D

Acq: 13 Dec 2022 03:35

Instrument :

MSVOA_V

ClientSampleId :

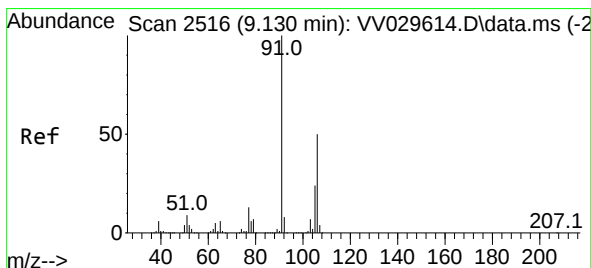
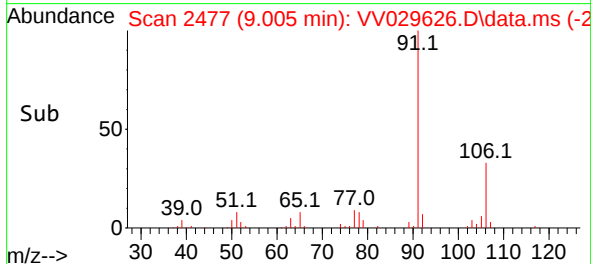
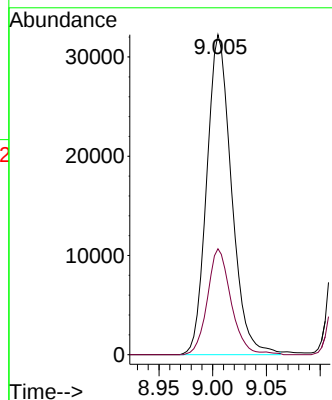
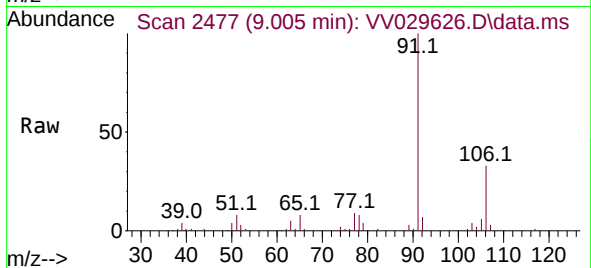
EXZ66DL

Tgt Ion: 91 Resp: 51634

Ion Ratio Lower Upper

91 100

106 33.1 21.8 40.6



#53

m,p-Xylene

Concen: 9.667 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029626.D

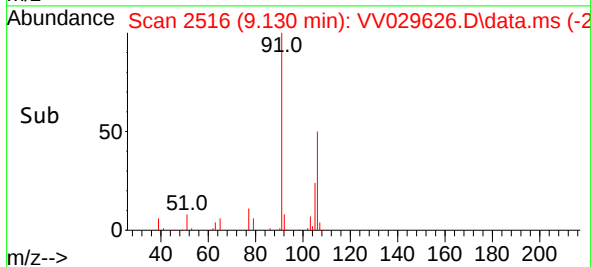
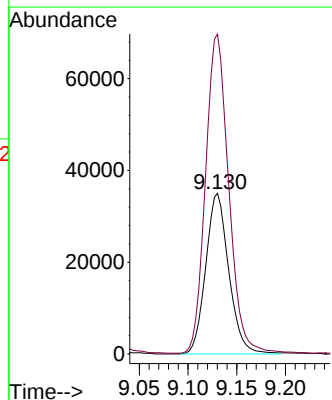
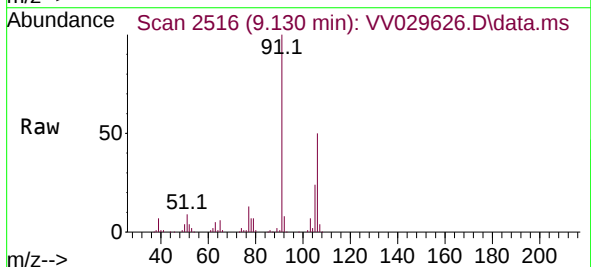
Acq: 13 Dec 2022 03:35

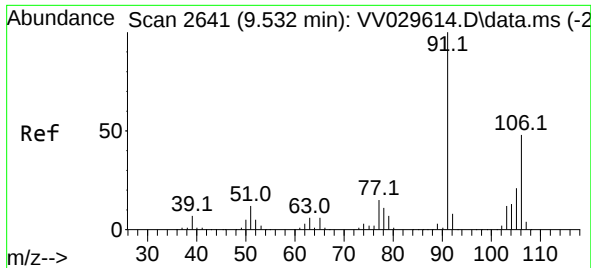
Tgt Ion: 106 Resp: 57655

Ion Ratio Lower Upper

106 100

91 199.3 139.5 259.1

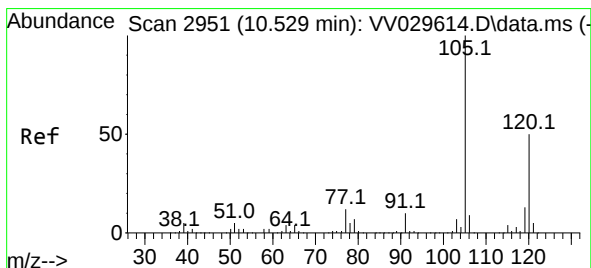
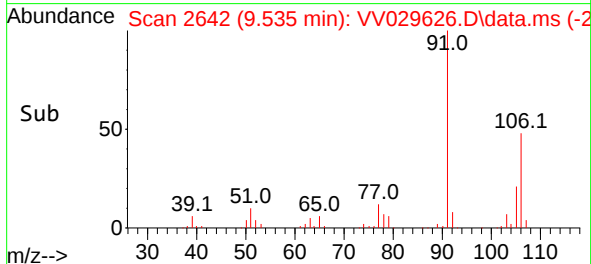
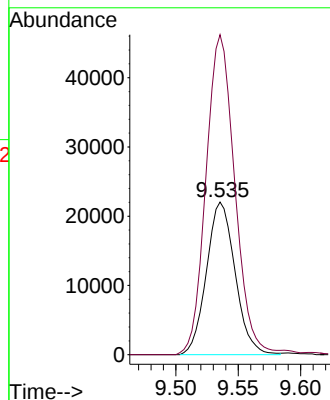
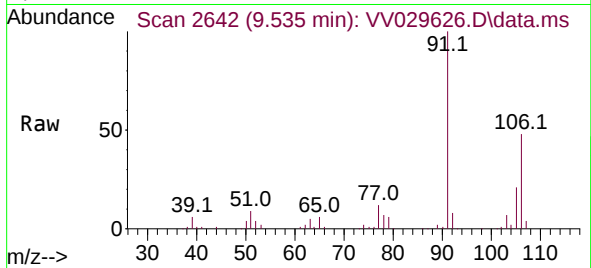




#54
o-Xylene
Concen: 5.978 ug/L
RT: 9.535 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029626.D
Acq: 13 Dec 2022 03:35

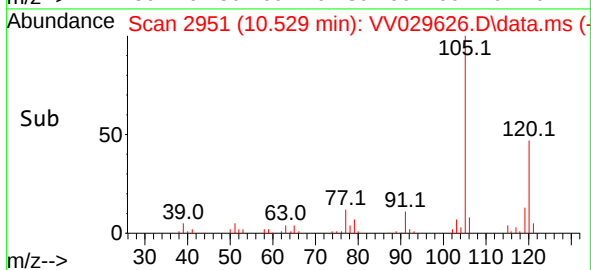
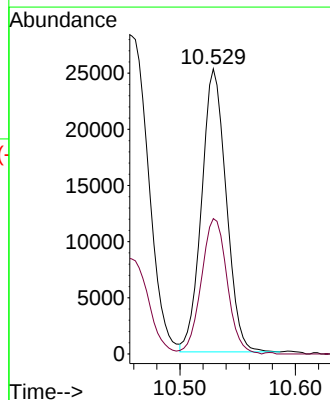
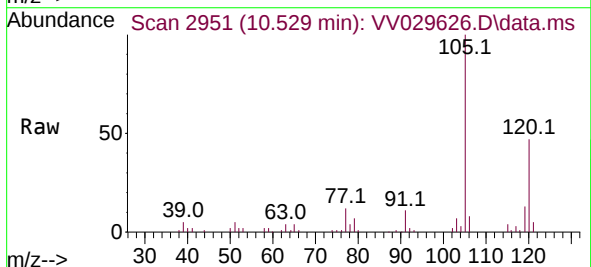
Instrument :
MSVOA_V
ClientSampleId :
EXZ66DL

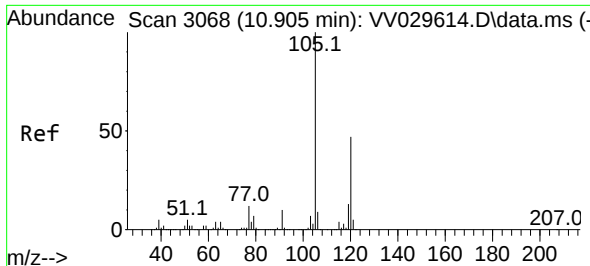
Tgt Ion:106 Resp: 35264
Ion Ratio Lower Upper
106 100
91 209.5 148.0 274.8



#62
1,3,5-Trimethylbenzene
Concen: 2.855 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029626.D
Acq: 13 Dec 2022 03:35

Tgt Ion:105 Resp: 37300
Ion Ratio Lower Upper
105 100
120 50.2 40.0 60.0

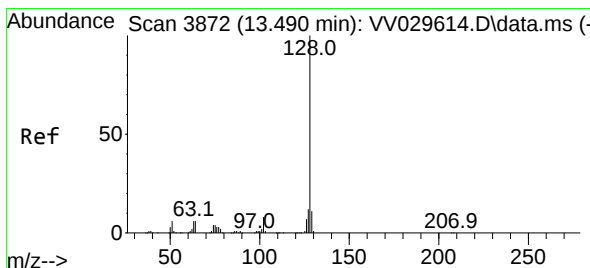
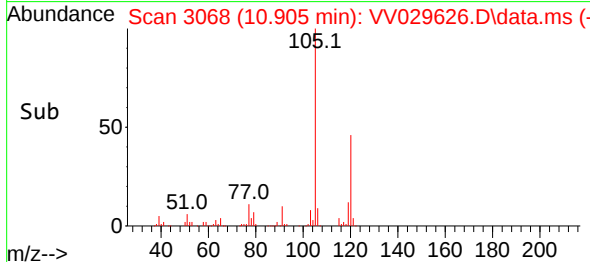
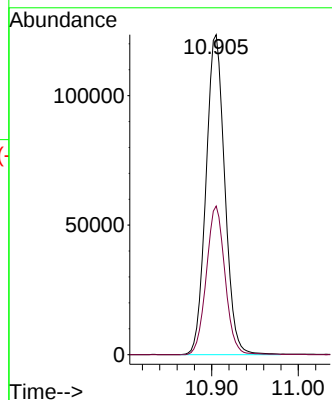
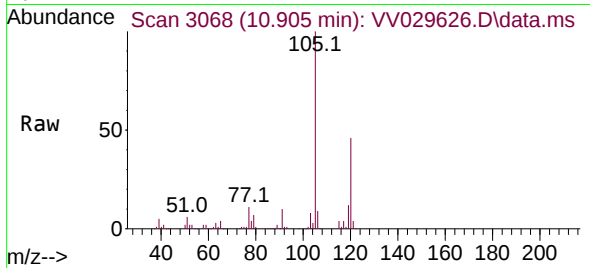




#63
1,2,4-Trimethylbenzene
Concen: 14.356 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029626.D
Acq: 13 Dec 2022 03:35

Instrument :
MSVOA_V
ClientSampleId :
EXZ66DL

Tgt Ion:105 Resp: 185922
Ion Ratio Lower Upper
105 100
120 46.1 36.7 55.1



#71
Naphthalene
Concen: 1.055 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029626.D
Acq: 13 Dec 2022 03:35

Tgt Ion:128 Resp: 12231
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.4
129 9.6 8.5 12.7

