

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
 Data File : VV028615.D
 Acq On : 18 Oct 2022 15:07
 Operator : SY/MD
 Sample : N5173-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 19 00:39:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	174891	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	163331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	73343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	64080	4.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.558	69	61539	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.095	63	90523	3.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.963	46	157434m	48.655	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.300%
24) Chloroform-d	4.342	84	109792	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.031	65	58537	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.043	84	217920	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.066	67	76568	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.310	98	177386	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.622	79	21228	3.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.092	63	119757	48.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.520%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49056	4.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	60057	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	49854	5.047	ug/L	99
3) Chloromethane	1.236	50	9692	0.586	ug/L	91
9) Trichlorofluoromethane	1.741	101	6196	0.315	ug/L	85
12) 1,1-Dichloroethene	2.108	96	5099	0.469	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	18172	0.658	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	8753	0.772	ug/L	91
19) 1,1-Dichloroethane	3.188	63	4068	0.159	ug/L #	88
22) cis-1,2-Dichloroethene	3.905	96	32581	2.541	ug/L #	91
25) Chloroform	4.368	83	9727	0.402	ug/L	94
34) Trichloroethene	5.905	95	574167	41.655	ug/L	98
47) Tetrachloroethene	7.969	164	469285	52.307	ug/L	99

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

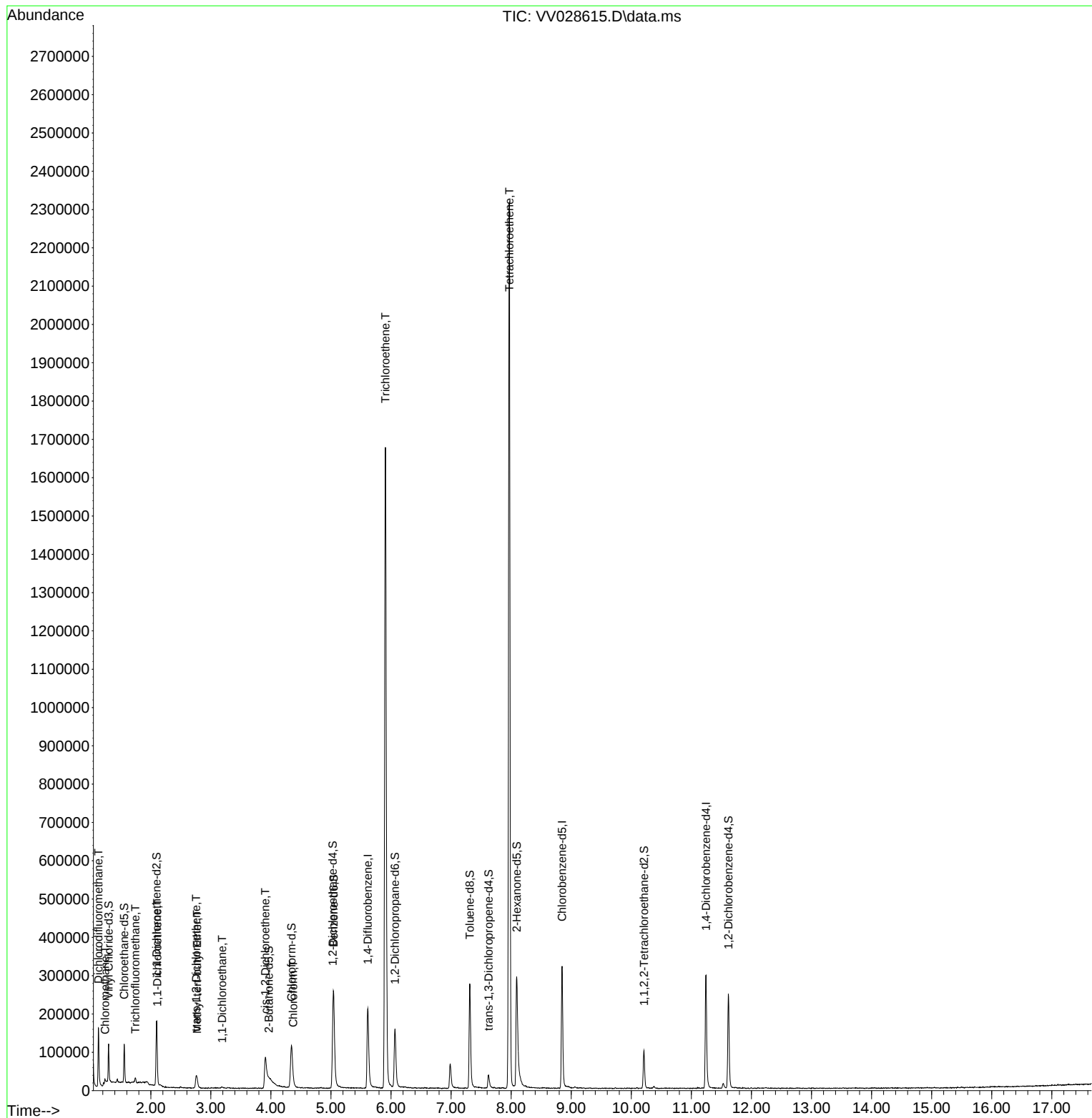
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
Data File : VV028615.D
Acq On : 18 Oct 2022 15:07
Operator : SY/MD
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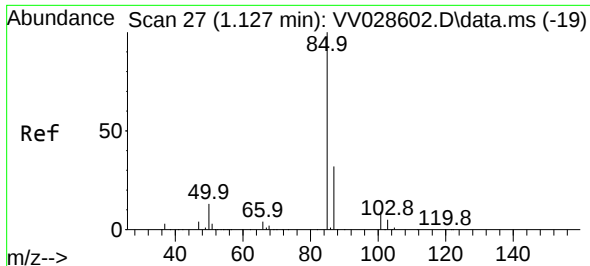
Instrument :
MSVOA_V
ClientSampleId :
BFXS7

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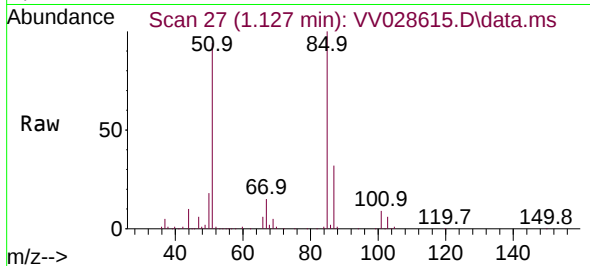
Quant Time: Oct 19 00:39:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 5.047 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV028615.D
Acq: 18 Oct 2022 15:07

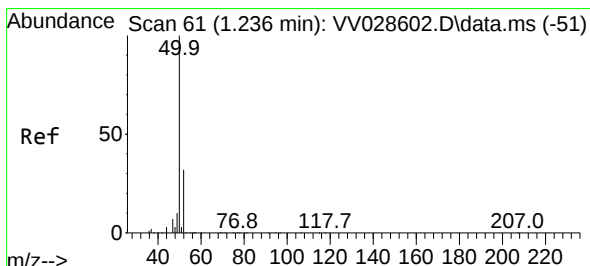
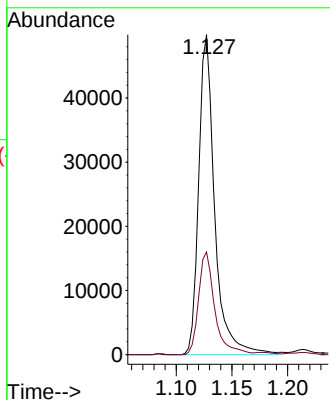
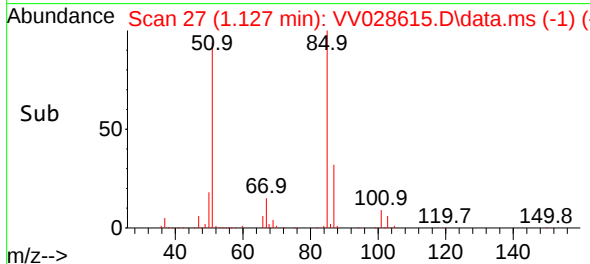
Instrument :
MSVOA_V
ClientSampleId :
BFXS7



Tgt Ion: 85 Resp: 49854
Ion Ratio Lower Upper
85 100
87 32.5 25.4 38.2

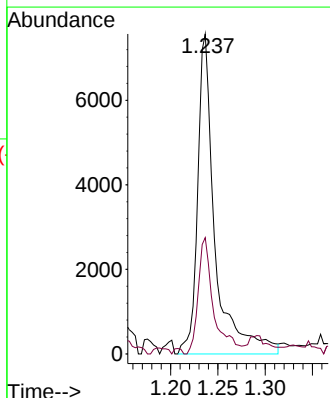
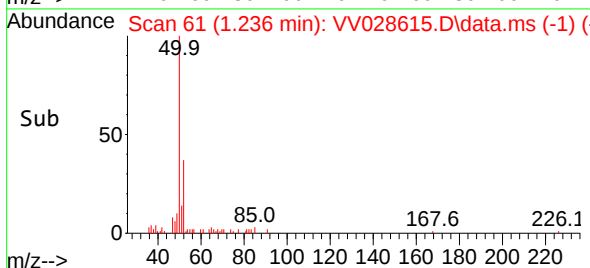
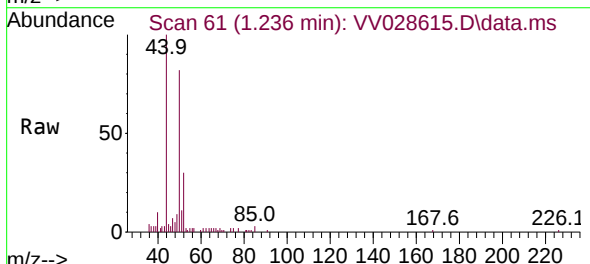
Manual Integrations
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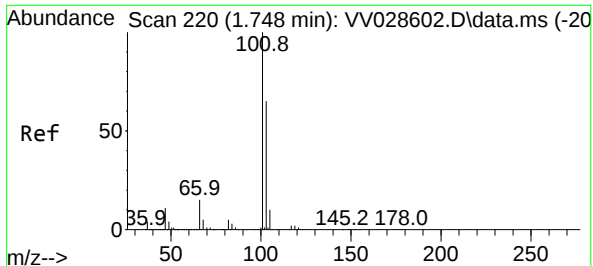
Reviewed By :John Carlone 10/19/2022
Supervised By :Mahesh Dadoda 10/21/2022



#3
Chloromethane
Concen: 0.586 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028615.D
Acq: 18 Oct 2022 15:07

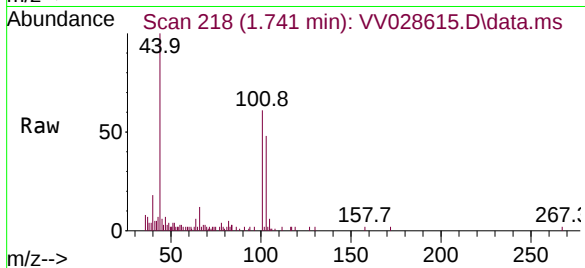
Tgt Ion: 50 Resp: 9692
Ion Ratio Lower Upper
50 100
52 36.3 22.0 41.0





#9
 Trichlorofluoromethane
 Concen: 0.315 ug/L
 RT: 1.741 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VV028615.D
 Acq: 18 Oct 2022 15:07

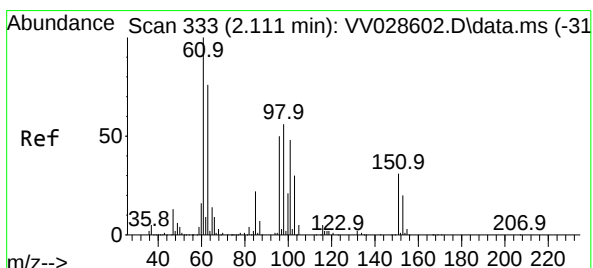
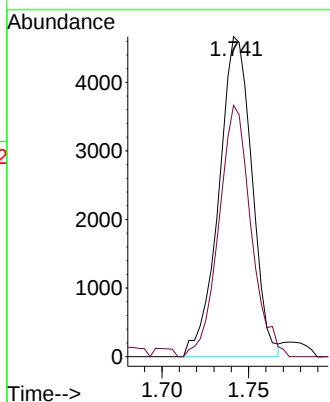
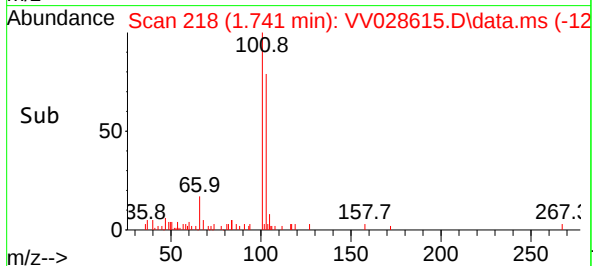
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Tgt Ion:101 Resp: 6196
 Ion Ratio Lower Upper
 101 100
 103 76.2 51.6 77.4

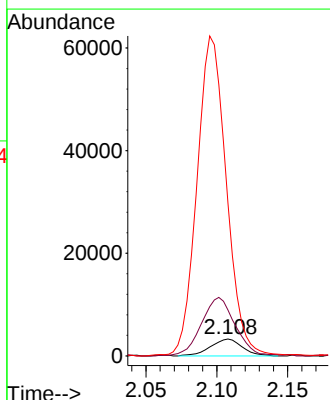
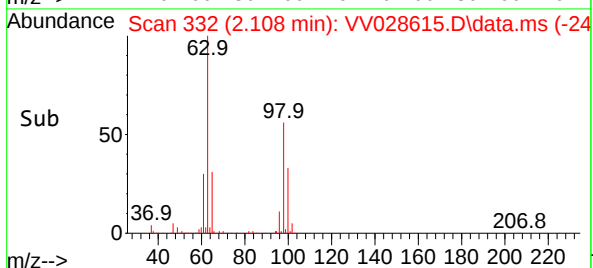
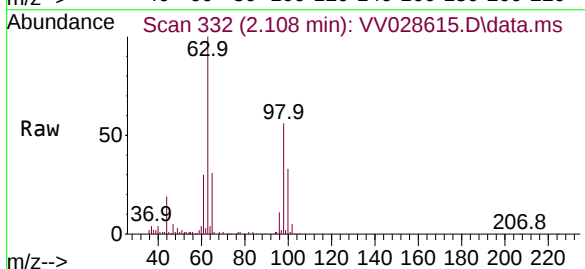
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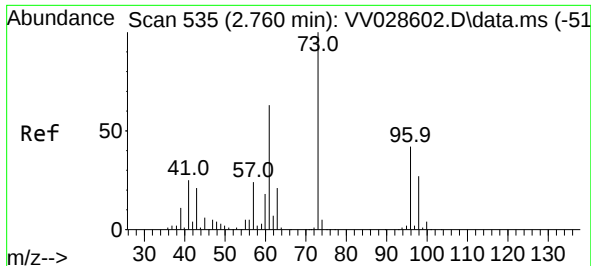
Reviewed By :John Carlone 10/19/2022
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#12
 1,1-Dichloroethene
 Concen: 0.469 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV028615.D
 Acq: 18 Oct 2022 15:07

Tgt Ion: 96 Resp: 5099
 Ion Ratio Lower Upper
 96 100
 61 270.1 142.9 265.5#
 63 901.2 102.3 190.1#





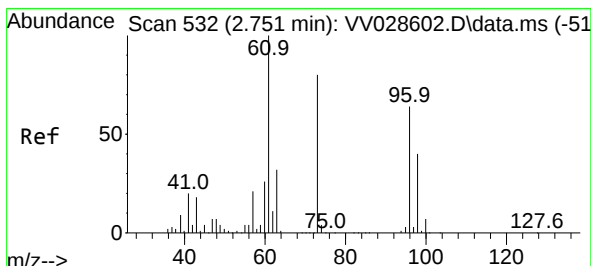
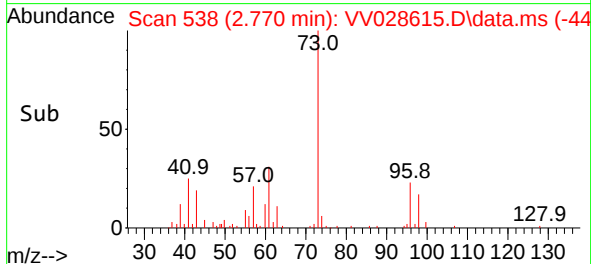
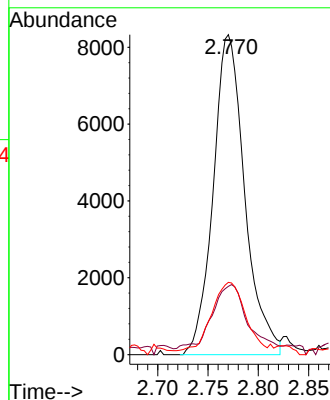
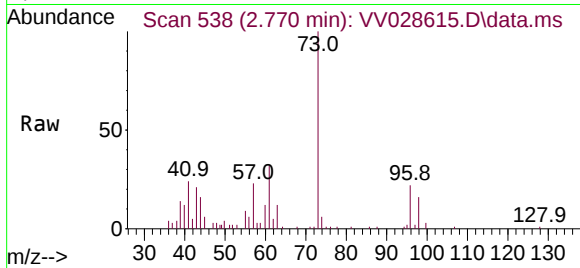
#17
Methyl tert-butyl Ether
Concen: 0.658 ug/L
RT: 2.770 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV028615.D
Acq: 18 Oct 2022 15:07

Instrument :
MSVOA_V
ClientSampleId :
BFXS7

Tgt Ion: 73 Resp: 18172
Ion Ratio Lower Upper
73 100
43 23.3 18.2 27.2
57 25.2 19.5 29.3

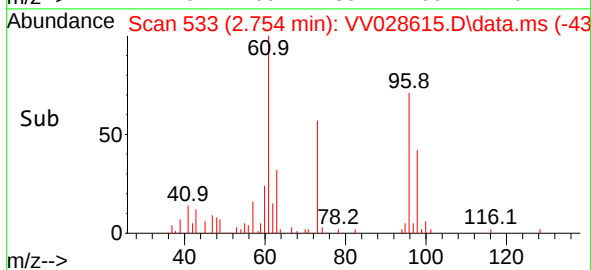
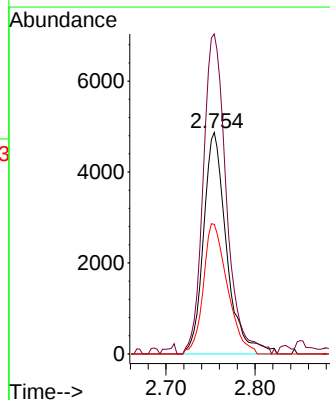
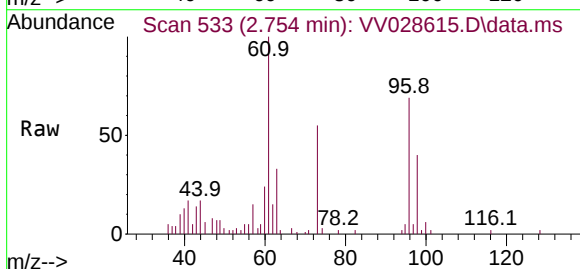
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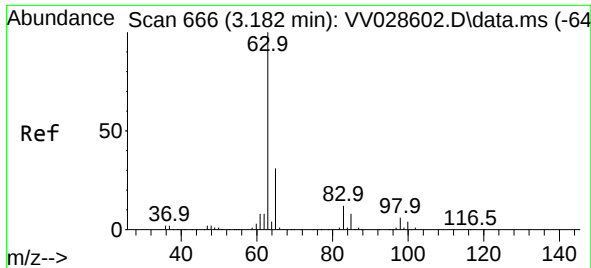
Reviewed By :John Carlone 10/19/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
trans-1,2-Dichloroethene
Concen: 0.772 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028615.D
Acq: 18 Oct 2022 15:07

Tgt Ion: 96 Resp: 8753
Ion Ratio Lower Upper
96 100
61 144.6 111.2 206.6
98 58.5 42.9 79.7





#19

1,1-Dichloroethane

Concen: 0.159 ug/L

RT: 3.188 min Scan# 60

Delta R.T. 0.007 min

Lab File: VV028615.D

Acq: 18 Oct 2022 15:07

Instrument :

MSVOA_V

ClientSampleId :

BFXS7

Tgt Ion: 63 Resp: 4068

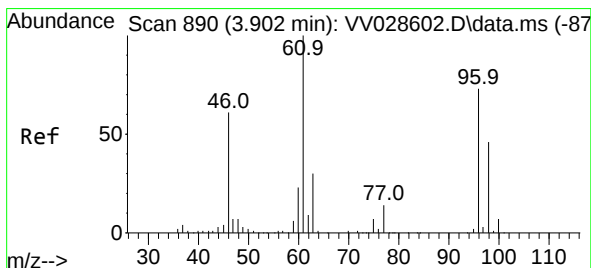
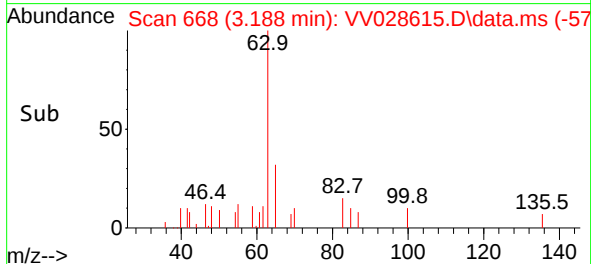
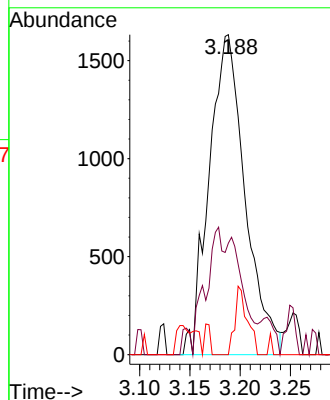
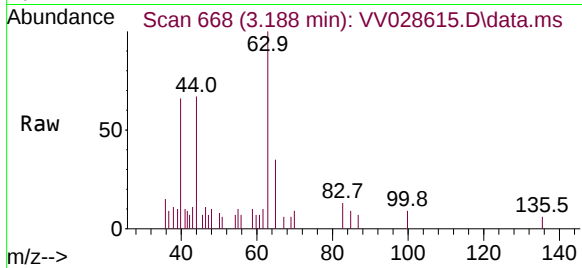
Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.3	41.5
83	0.0	8.5	15.7

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 2.541 ug/L

RT: 3.905 min Scan# 891

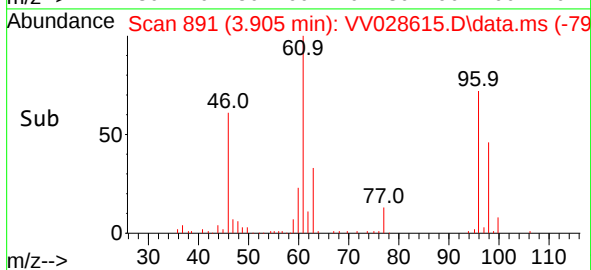
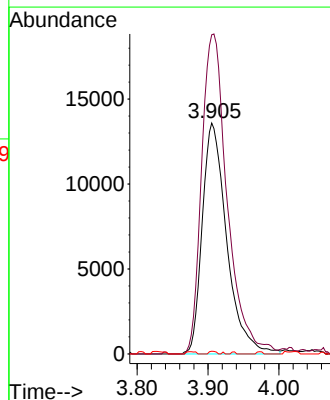
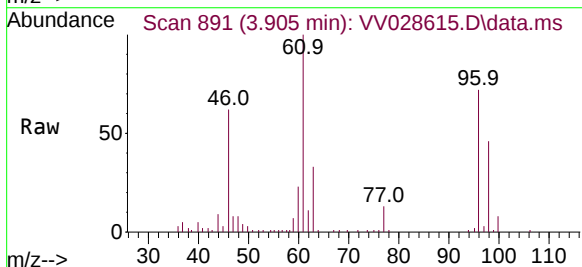
Delta R.T. 0.003 min

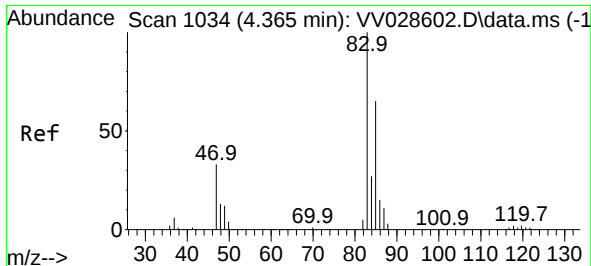
Lab File: VV028615.D

Acq: 18 Oct 2022 15:07

Tgt Ion: 96 Resp: 32581

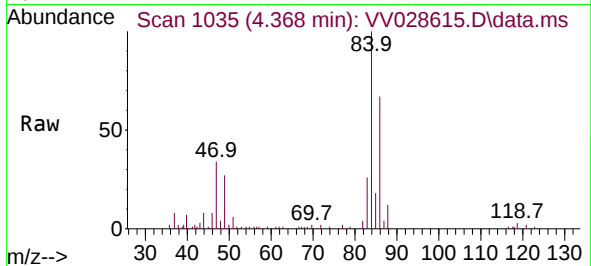
Ion	Ratio	Lower	Upper
96	100		
61	138.2	105.1	195.3
68	1.1	0.5	0.9





#25
Chloroform
Concen: 0.402 ug/L
RT: 4.368 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV028615.D
Acq: 18 Oct 2022 15:07

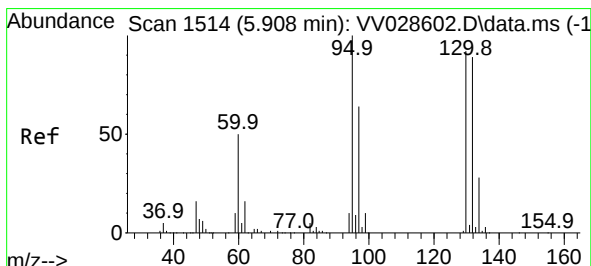
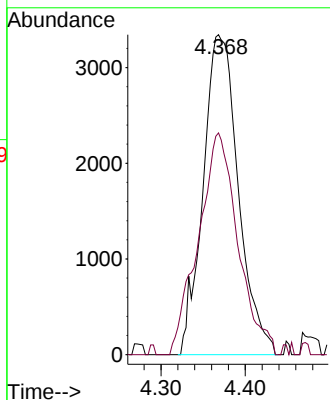
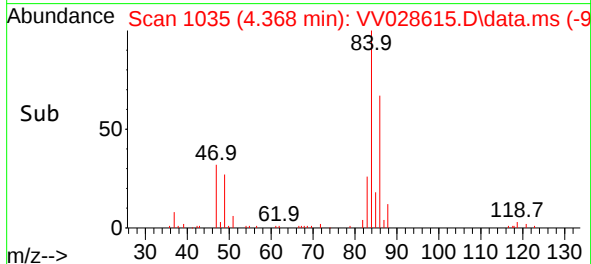
Instrument :
MSVOA_V
ClientSampleId :
BFXS7



Tgt Ion: 83 Resp: 972
Ion Ratio Lower Upper
83 100
85 69.3 45.1 83.9

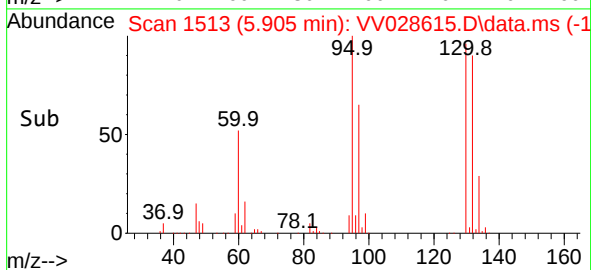
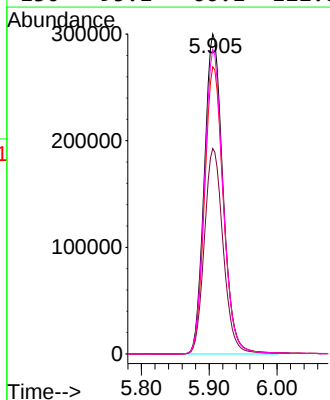
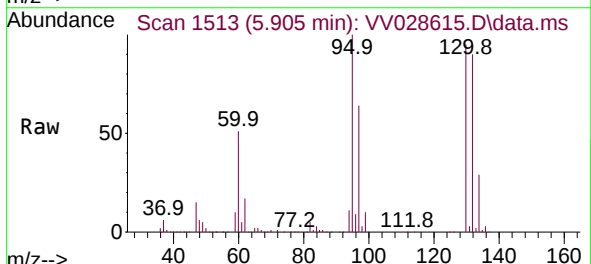
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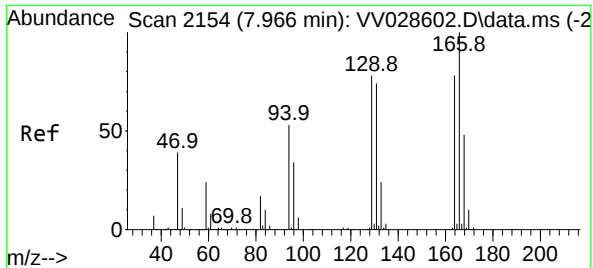
Reviewed By :John Carlone 10/19/2022
Supervised By :Mahesh Dadoda 10/21/2022



#34
Trichloroethene
Concen: 41.655 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV028615.D
Acq: 18 Oct 2022 15:07

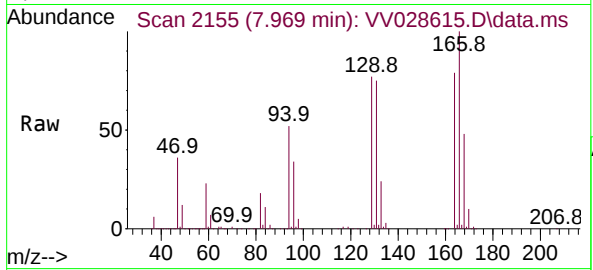
Tgt Ion: 95 Resp: 574167
Ion Ratio Lower Upper
95 100
97 64.2 46.2 85.8
132 89.7 65.1 120.9
130 95.1 66.1 122.8





#47
Tetrachloroethene
Concen: 52.307 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028615.D
Acq: 18 Oct 2022 15:07

Instrument :
MSVOA_V
ClientSampleId :
BFXS7



Tgt Ion:164 Resp: 469285
Ion Ratio Lower Upper
164 100
129 97.4 69.3 128.7
131 94.9 67.3 125.1
166 125.9 88.5 164.4

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