

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024485.D
 Acq On : 28 Jan 2022 14:30
 Operator : SY/MD
 Sample : N1328-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHMO

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 29 02:25:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 02:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	150835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	165391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	84816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73295	5.547	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.000%
7) Chloroethane-d5	1.568	69	47782	4.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.114	63	13006176	514.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	10298.600%#
20) 2-Butanone-d5	3.889	46	128640	61.080	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.160%
24) Chloroform-d	4.349	84	119707	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.034	65	55595	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.053	84	216333	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.082	67	74889	4.815	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.317	98	187168	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.625	79	23610	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.088	63	110000	60.231	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46548	5.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	71853	4.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	4661	0.302	ug/L	96
5) Vinyl chloride	1.310	62	3189473	205.702	ug/L	98
8) Chloroethane	1.587	64	6703m	0.735	ug/L	
12) 1,1-Dichloroethene	2.108	96	18878825m	1665.531	ug/L	
14) Carbon disulfide	2.298	76	9331	0.268	ug/L	100
16) Methylene chloride	2.510	84	11026	0.950	ug/L	92
18) trans-1,2-Dichloroethene	2.764	96	29879	2.747	ug/L	95
19) 1,1-Dichloroethane	3.191	63	1553104	76.590	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	6691220	612.503	ug/L	94
25) Chloroform	4.378	83	66532	2.889	ug/L	99
27) 1,2-Dichloroethane	5.133	62	67172	6.120	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	5312998	276.948	ug/L	99
31) Carbon tetrachloride	4.834	117	4226m	0.245	ug/L	
33) Benzene	5.108	78	17303	0.391	ug/L	100
34) Trichloroethene	5.915	95	44957412m	3592.907	ug/L	
42) Toluene	7.391	91	65224	1.391	ug/L	94
45) 1,1,2-Trichloroethane	7.844	97	37550	5.107	ug/L	98
47) Tetrachloroethene	7.985	164	26454460m	2683.866	ug/L	
52) Ethylbenzene	9.018	91	4901	0.099	ug/L	94

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

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

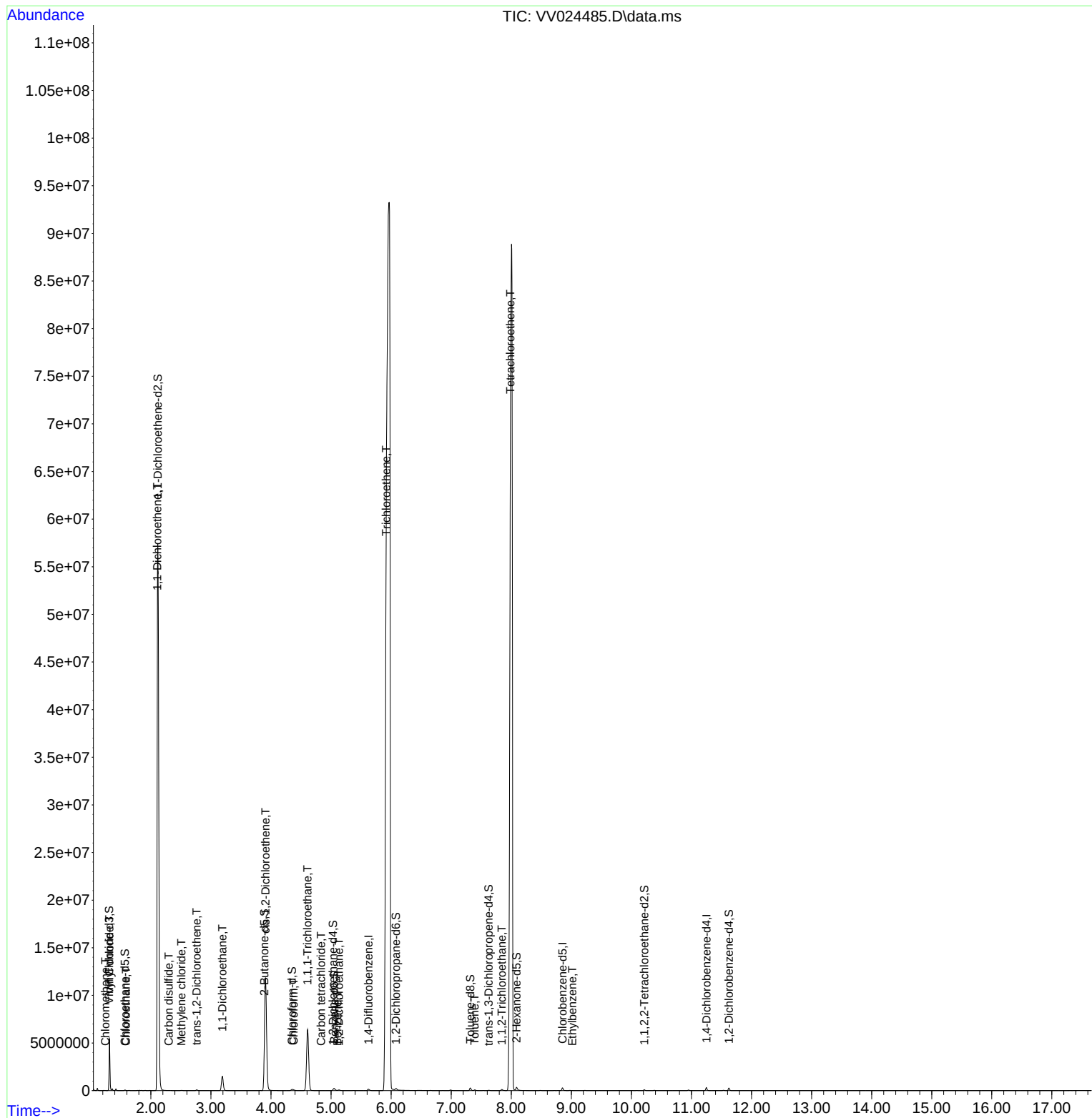
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Data File : VV024485.D
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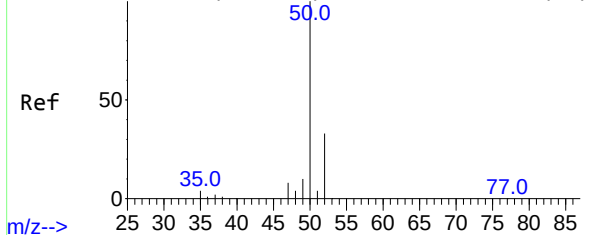
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Abundance Scan 61 (1.237 min): VV024477.D\data.ms (-53)



#3

Chloromethane

Concen: 0.302 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV024485.D

Acq: 28 Jan 2022 14:30

Instrument :

MSVOA_V

ClientSampleId :

COHMO

Tgt Ion: 50 Resp: 466

Ion Ratio Lower Upper

50 100

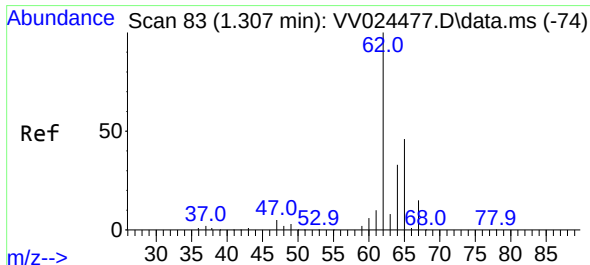
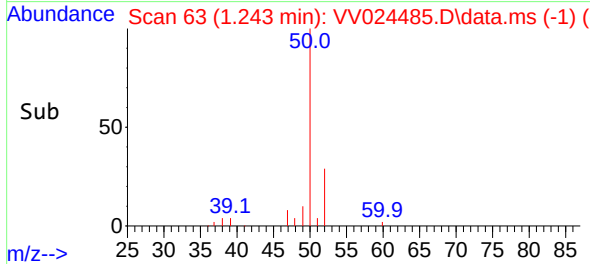
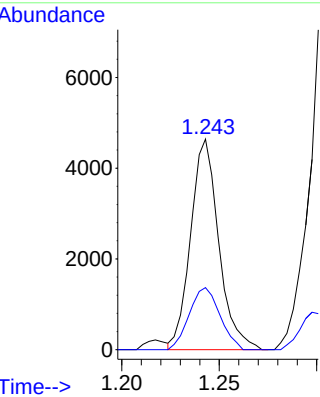
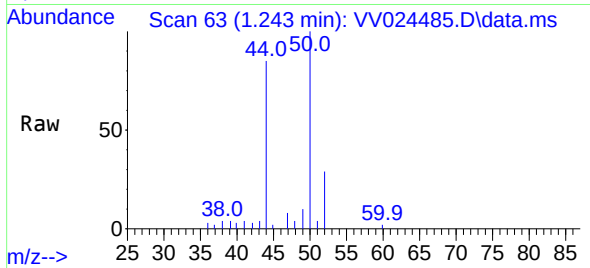
52 29.5 22.0 41.0

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#5

Vinyl chloride

Concen: 205.702 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV024485.D

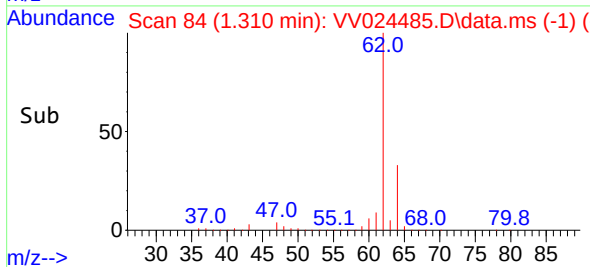
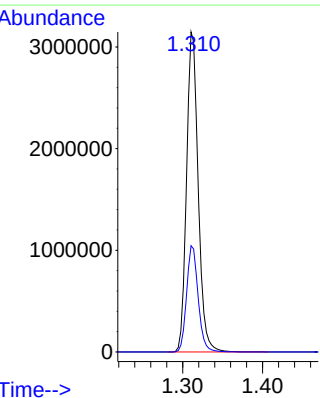
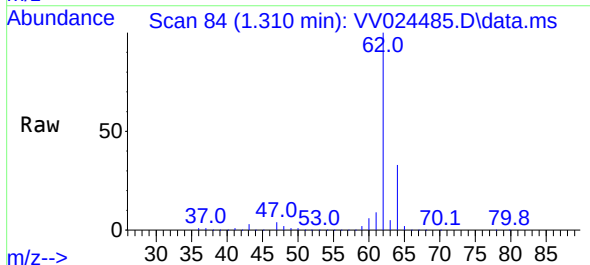
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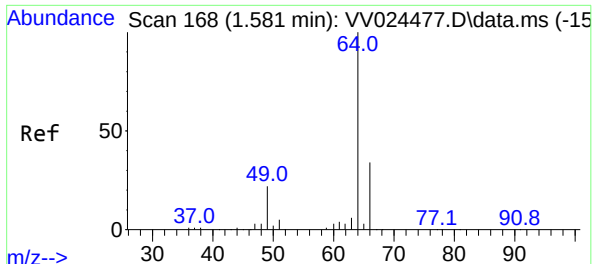
Tgt Ion: 62 Resp: 3189473

Ion Ratio Lower Upper

62 100

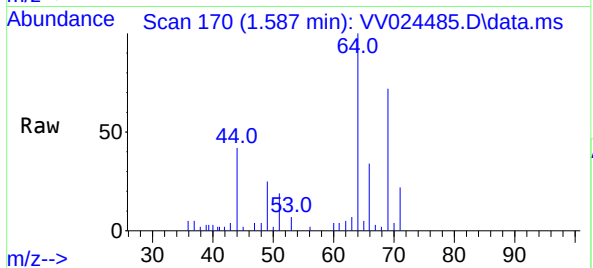
64 33.2 22.4 41.6





#8
Chloroethane
Concen: 0.735 ug/L m
RT: 1.587 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

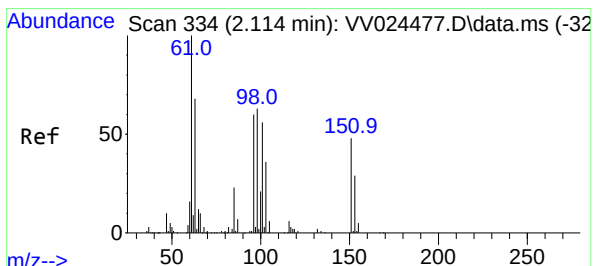
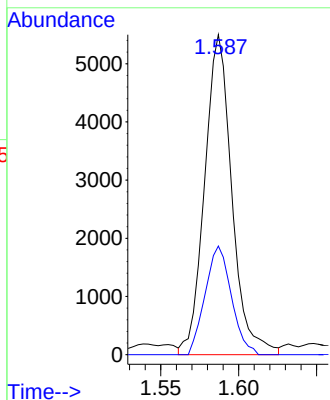
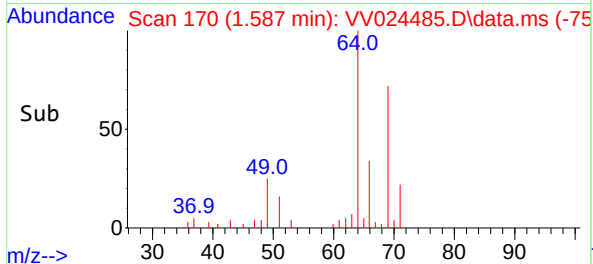
Instrument :
MSVOA_V
ClientSampleId :
COHMO



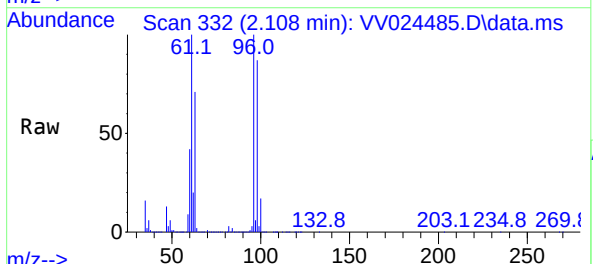
Tgt Ion: 64 Resp: 670
Ion Ratio Lower Upper
64 100
66 33.9 21.4 39.8

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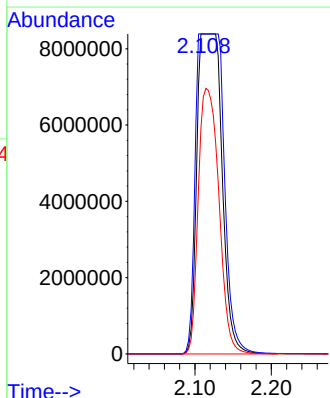
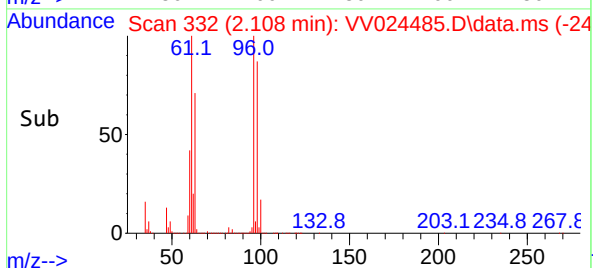
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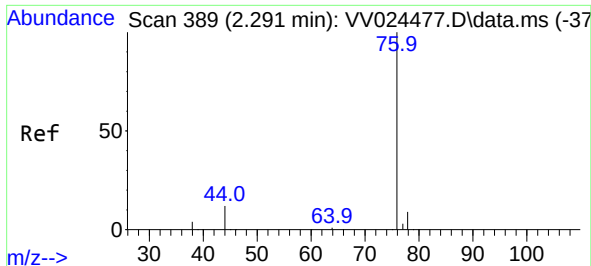


#12
1,1-Dichloroethene
Concen: 1665.531 ug/L m
RT: 2.108 min Scan# 332
Delta R.T. -0.007 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30



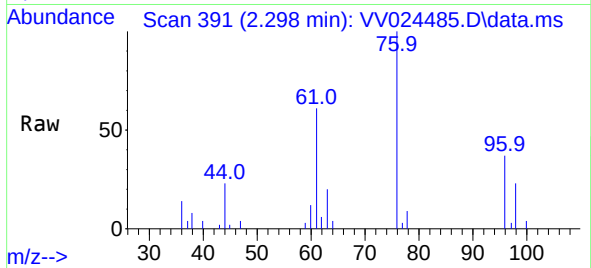
Tgt Ion: 96 Resp:18878825
Ion Ratio Lower Upper
96 100
61 100.0 116.1 215.5#
63 70.5 79.4 147.4#





#14
Carbon disulfide
Concen: 0.268 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

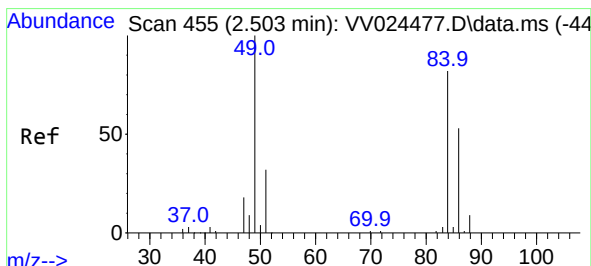
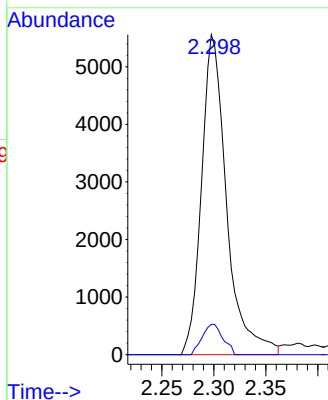
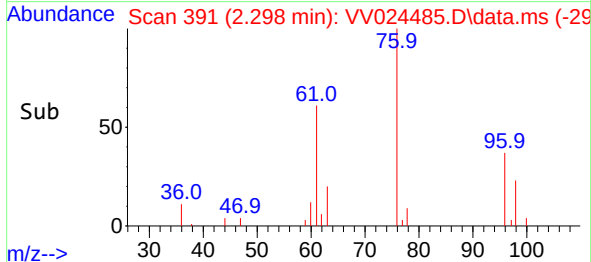
Instrument :
MSVOA_V
ClientSampleId :
COHMO



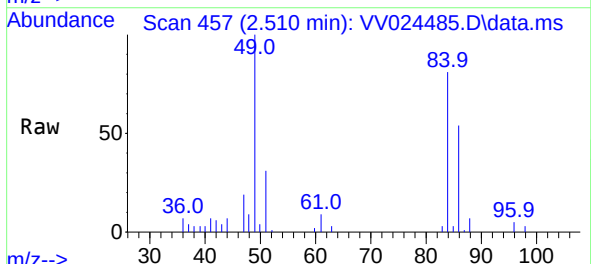
Tgt Ion: 76 Resp: 933
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

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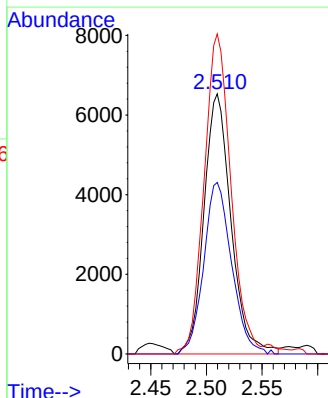
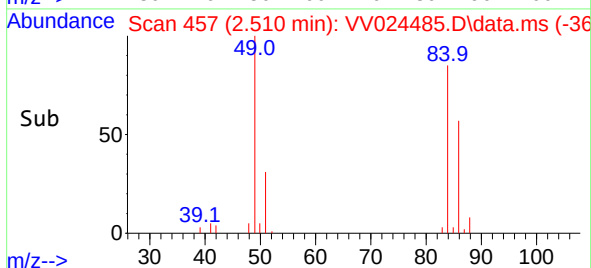
Reviewed By :John Carlone 01/31/2022
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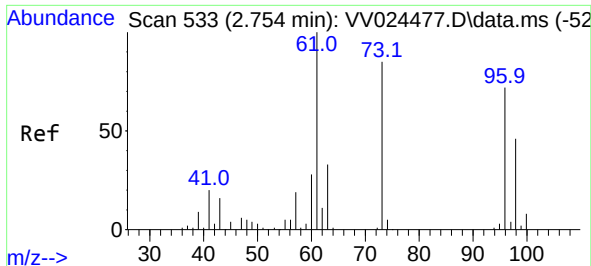


#16
Methylene chloride
Concen: 0.950 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30



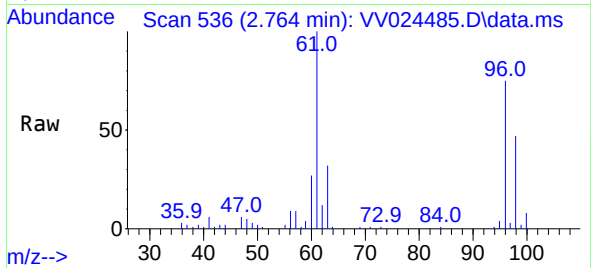
Tgt Ion: 84 Resp: 11026
Ion Ratio Lower Upper
84 100
86 66.0 42.6 79.0
49 123.0 79.7 147.9





#18
trans-1,2-Dichloroethene
Concen: 2.747 ug/L
RT: 2.764 min Scan# 511
Delta R.T. 0.010 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

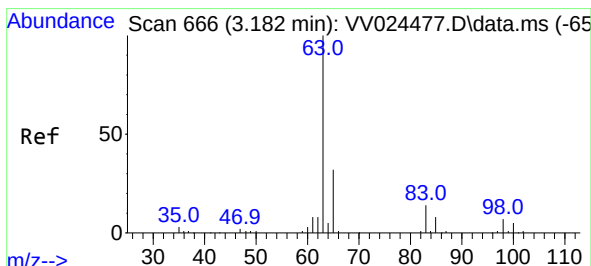
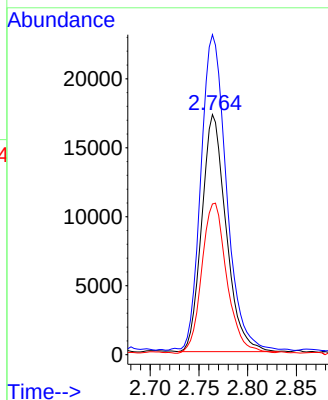
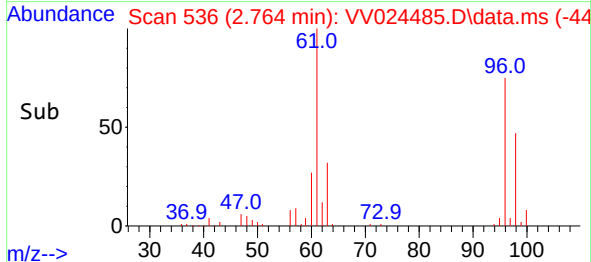
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ClientSampleId :
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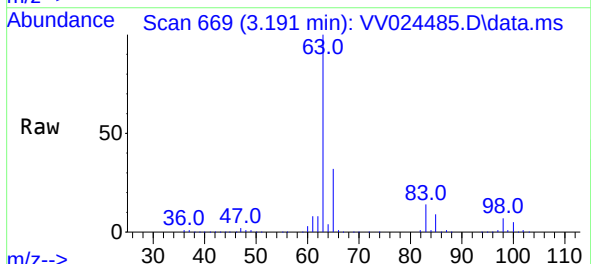
Tgt Ion: 96 Resp: 29879
Ion Ratio Lower Upper
96 100
61 133.2 88.2 163.8
98 62.8 44.9 83.5

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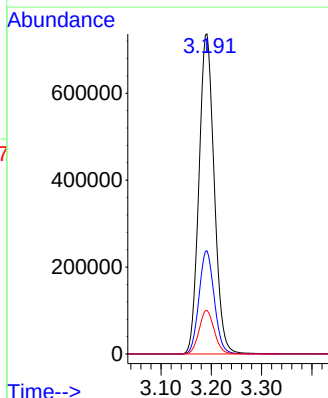
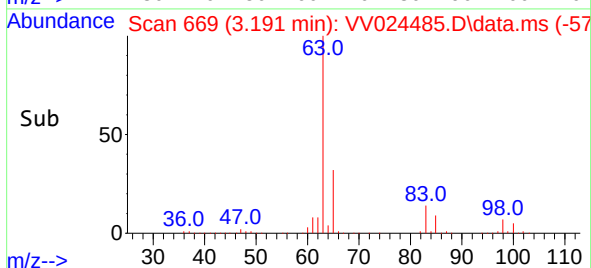
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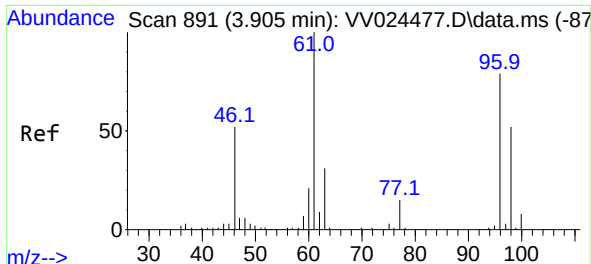


#19
1,1-Dichloroethane
Concen: 76.590 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.010 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30



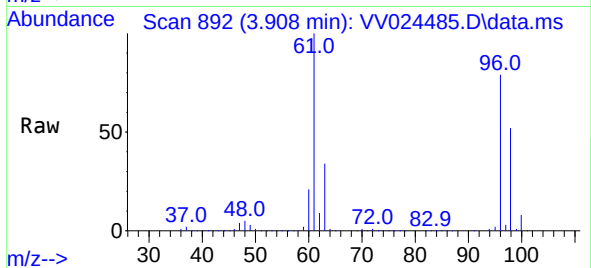
Tgt Ion: 63 Resp: 1553104
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.3
83 13.6 10.7 19.9





#22
cis-1,2-Dichloroethene
Concen: 612.503 ug/L
RT: 3.908 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

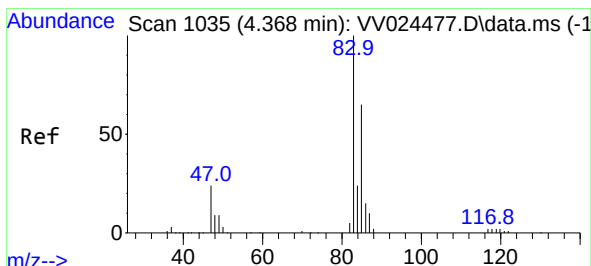
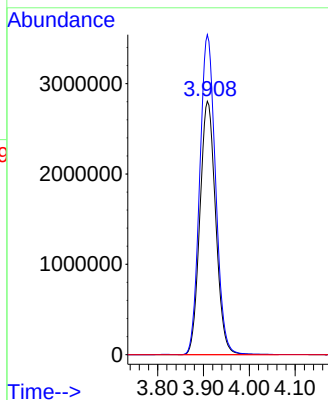
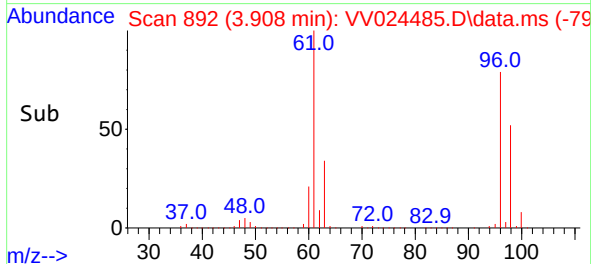
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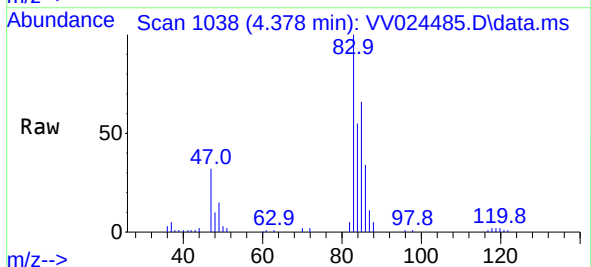
Tgt Ion: 96 Resp: 6691220
Ion Ratio Lower Upper
96 100
61 126.3 83.4 154.8
68 0.0 0.0 0.0

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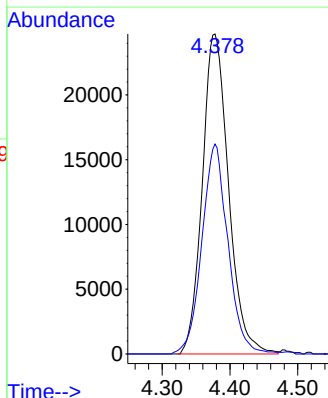
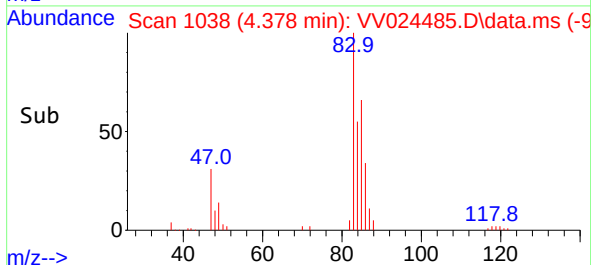
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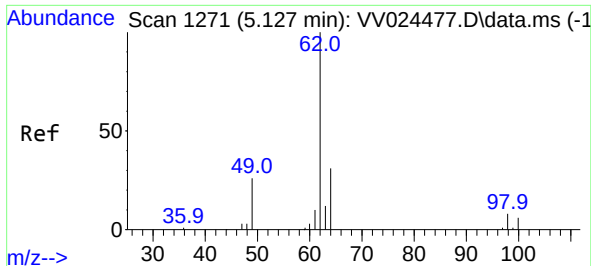


#25
Chloroform
Concen: 2.889 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30



Tgt Ion: 83 Resp: 66532
Ion Ratio Lower Upper
83 100
85 65.6 45.2 84.0





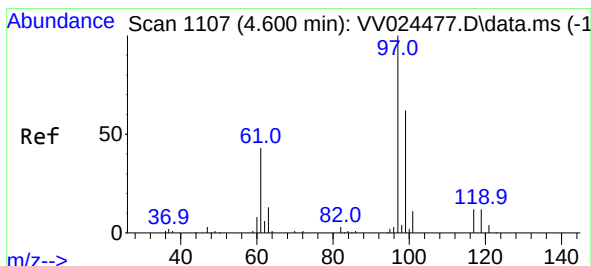
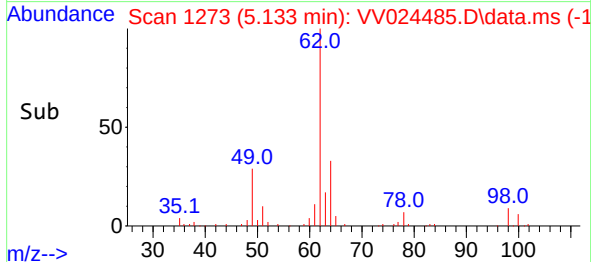
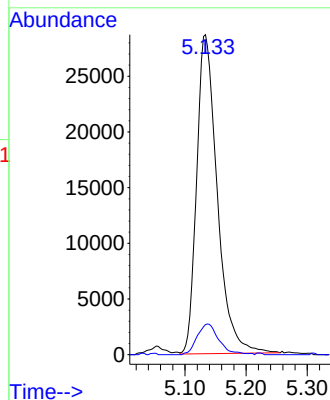
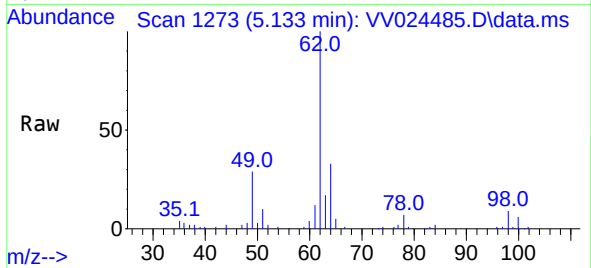
#27
1,2-Dichloroethane
Concen: 6.120 ug/L
RT: 5.133 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV024485.D
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Tgt Ion: 62 Resp: 67172
Ion Ratio Lower Upper
62 100
98 9.4 8.1 12.1

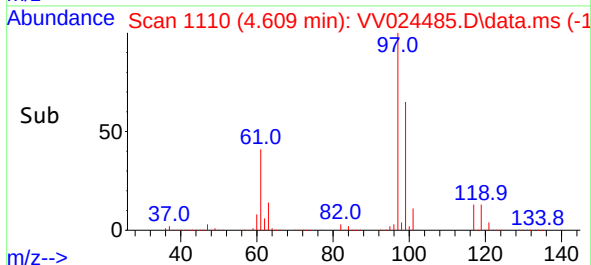
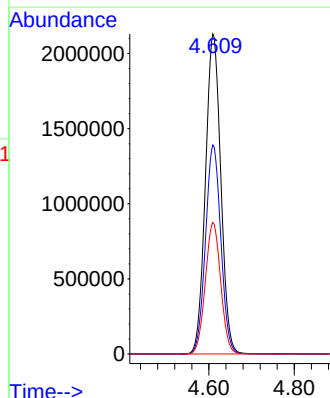
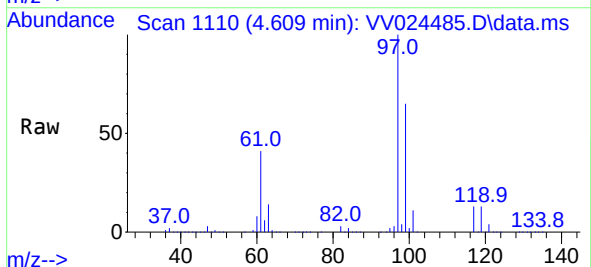
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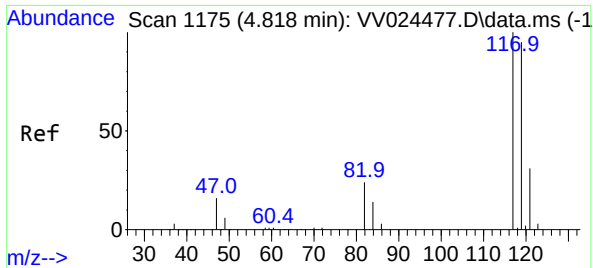
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#29
1,1,1-Trichloroethane
Concen: 276.948 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.010 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

Tgt Ion: 97 Resp: 5312998
Ion Ratio Lower Upper
97 100
99 65.3 51.9 77.9
61 41.1 33.2 49.8





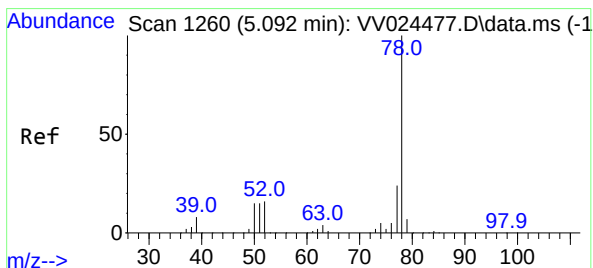
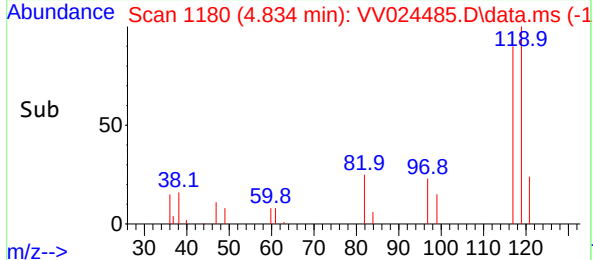
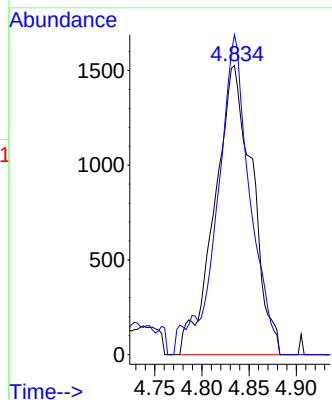
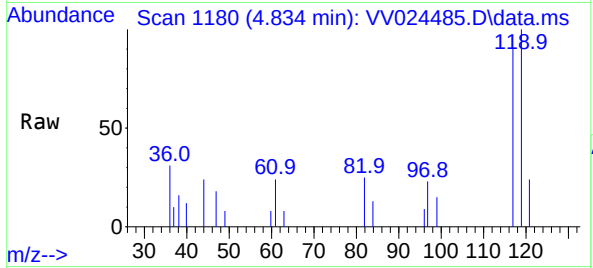
#31
Carbon tetrachloride
Concen: 0.245 ug/L m
RT: 4.834 min Scan# 1175
Delta R.T. 0.016 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

Instrument :
MSVOA_V
ClientSampleId :
COHMO

Tgt Ion:117 Resp: 4220
Ion Ratio Lower Upper
117 100
119 15872.0 76.6 114

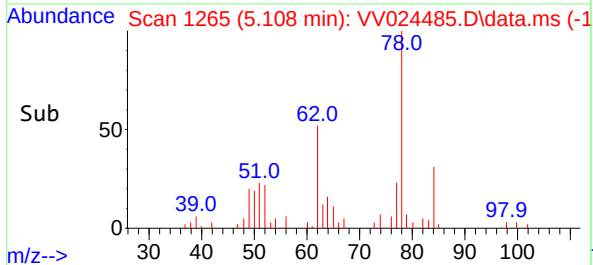
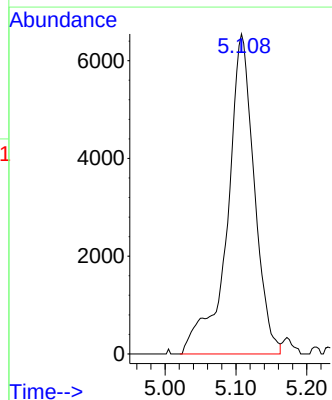
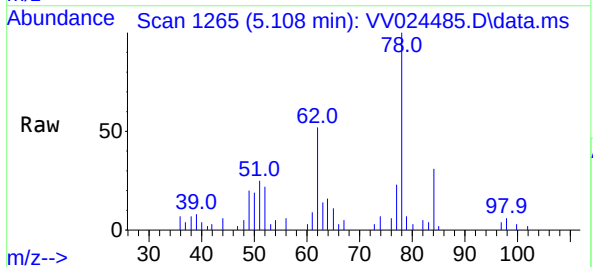
Manual Integrations
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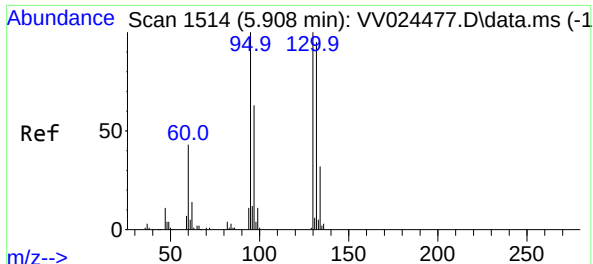
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#33
Benzene
Concen: 0.391 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.016 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

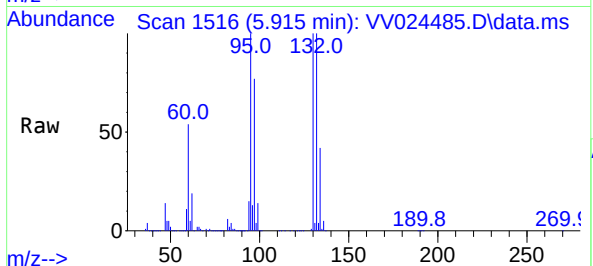
Tgt Ion: 78 Resp: 17303





#34
Trichloroethene
Concen: 3592.907 ug/L m
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

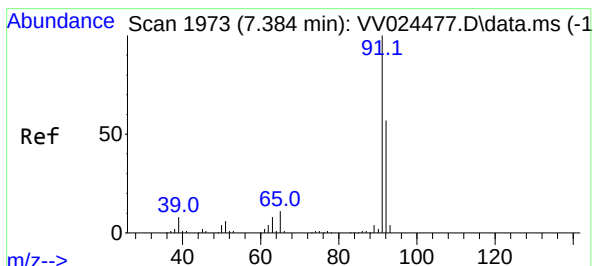
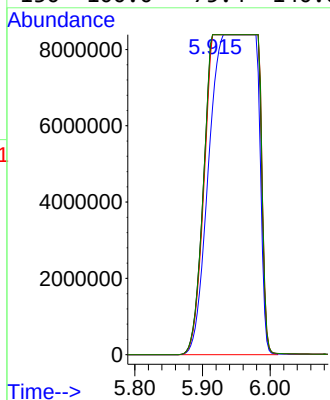
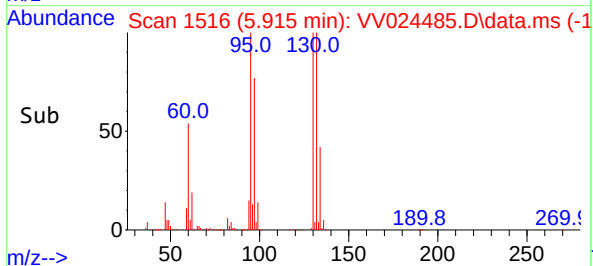
Instrument :
MSVOA_V
ClientSampleId :
COHMO



Tgt Ion: 95 Resp: 4495741
Ion Ratio Lower Upper
95 100
97 77.4 45.2 84.0
132 100.0 76.1 141.3
130 100.0 75.4 140.0

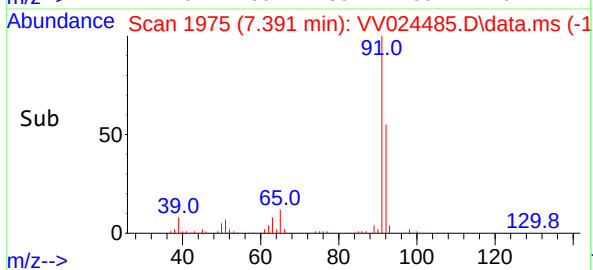
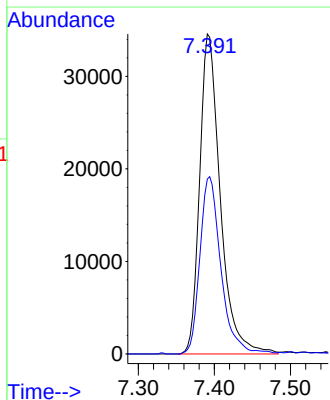
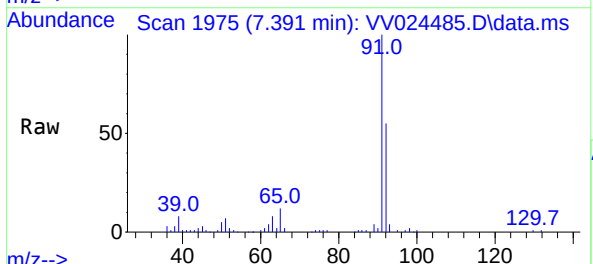
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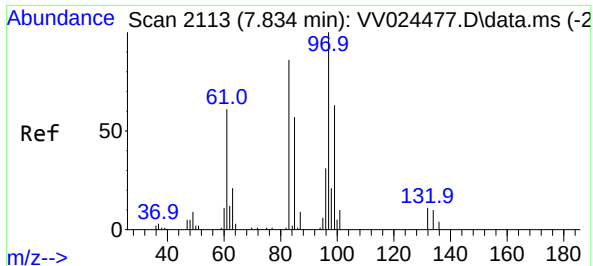
Reviewed By : John Carlone 01/31/2022
Supervised By : Mahesh Dadoda 01/31/2022



#42
Toluene
Concen: 1.391 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV024485.D
Acq: 28 Jan 2022 14:30

Tgt Ion: 91 Resp: 65224
Ion Ratio Lower Upper
91 100
92 54.7 41.5 77.1





#45

1,1,2-Trichloroethane

Concen: 5.107 ug/L

RT: 7.844 min Scan# 2113

Delta R.T. 0.010 min

Lab File: VV024485.D

Acq: 28 Jan 2022 14:30

Instrument :

MSVOA_V

ClientSampleId :

COHMO

Tgt Ion: 97 Resp: 37550

Ion Ratio Lower Upper

97 100

99 63.5 43.1 80.1

83 86.0 57.9 107.5

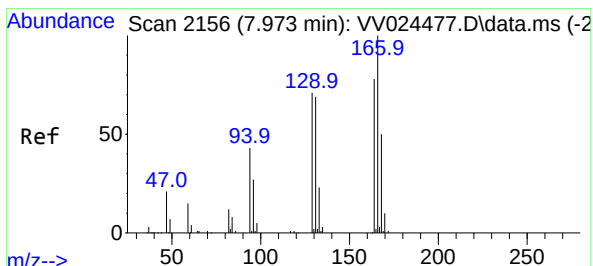
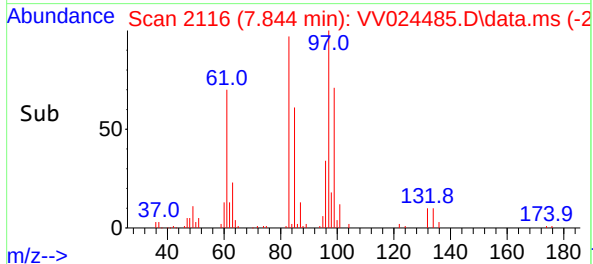
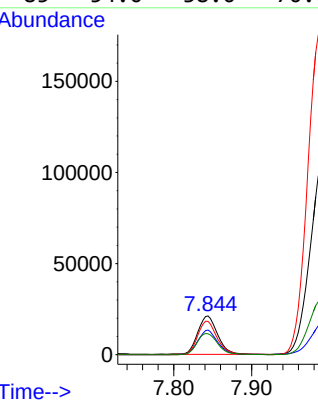
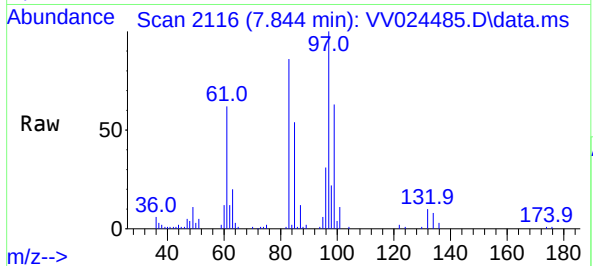
85 54.0 38.0 70.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2022

Supervised By :Mahesh Dadoda 01/31/2022



#47

Tetrachloroethene

Concen: 2683.866 ug/L m

RT: 7.985 min Scan# 2160

Delta R.T. 0.013 min

Lab File: VV024485.D

Acq: 28 Jan 2022 14:30

Tgt Ion:164 Resp:26454460

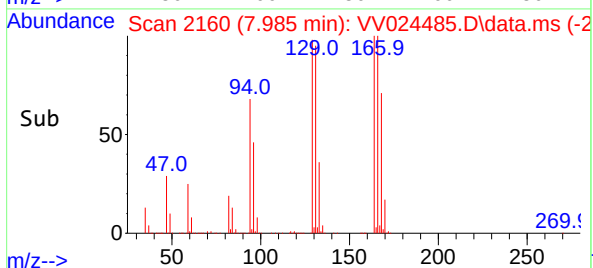
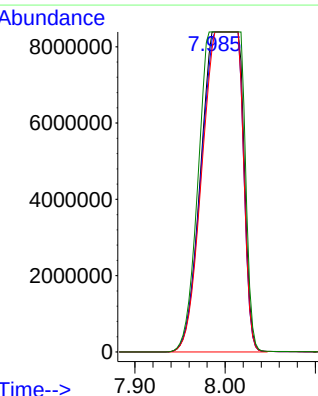
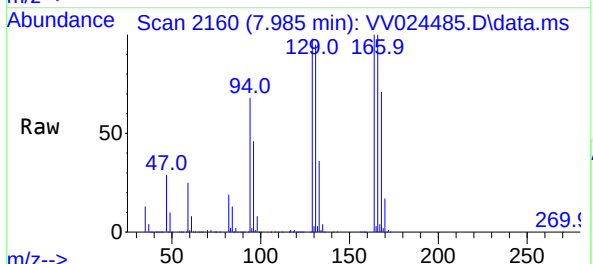
Ion Ratio Lower Upper

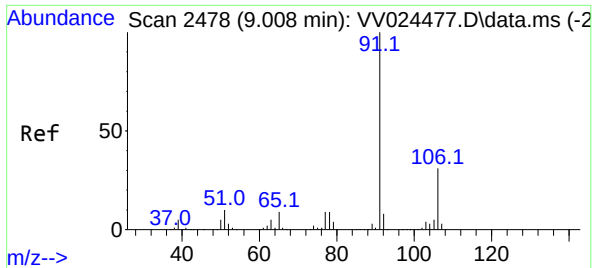
164 100

129 97.6 62.6 116.2

131 94.7 61.0 113.4

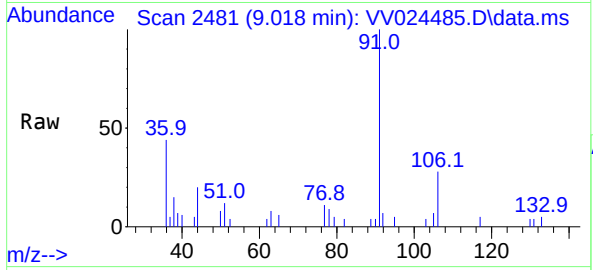
166 100.0 87.3 162.1





#52
 Ethylbenzene
 Concen: 0.099 ug/L
 RT: 9.018 min Scan# 2478
 Delta R.T. 0.010 min
 Lab File: VV024485.D
 Acq: 28 Jan 2022 14:30

Instrument : MSVOA_V
 ClientSampleId : COHMO



Tgt Ion: 91 Resp: 490

Ion	Ratio	Lower	Upper
91	100		
106	28.2	22.0	41.0

Manual Integrations
APPROVED
 Reviewed By :John Carlone 01/31/2022
 Supervised By :Mahesh Dadoda 01/31/2022

