

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023819.D
 Acq On : 07 Dec 2021 13:44
 Operator : SY/MD
 Sample : M4879-07DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G35DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Mahesh Dadoda 12/08/2021

Quant Time: Dec 08 01:15:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	131320	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35166	3.262	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.568	69	30746	3.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.108	63	54098	2.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	3.912	46	54963	42.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.820%
24) Chloroform-d	4.349	84	82661	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.037	65	39600	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.050	84	155854	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.069	67	45311	4.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.317	98	143774	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.625	79	16018	4.223	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.092	63	72122	57.229	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32470	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	60736	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
16) Methylene chloride	2.510	84	9132	0.727	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	752	0.075	ug/L	87
22) cis-1,2-Dichloroethene	3.915	96	10645	1.108	ug/L	94
30) Cyclohexane	4.677	56	21469	1.598	ug/L	99
34) Trichloroethene	5.915	95	41445	4.404	ug/L	96
35) Methylcyclohexane	6.130	83	8252	0.562	ug/L	98
42) Toluene	7.403	91	3829	0.101	ug/L	89
47) Tetrachloroethene	7.976	164	106362	12.418	ug/L	99
52) Ethylbenzene	9.014	91	24174	0.607	ug/L	99
53) m,p-xylene	9.136	106	44127	2.784	ug/L	99
54) o-xylene	9.545	106	5234	0.347	ug/L	93
60) Isopropylbenzene	9.937	105	5053m	0.125	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	36956	1.098	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	181992	5.470	ug/L	99

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

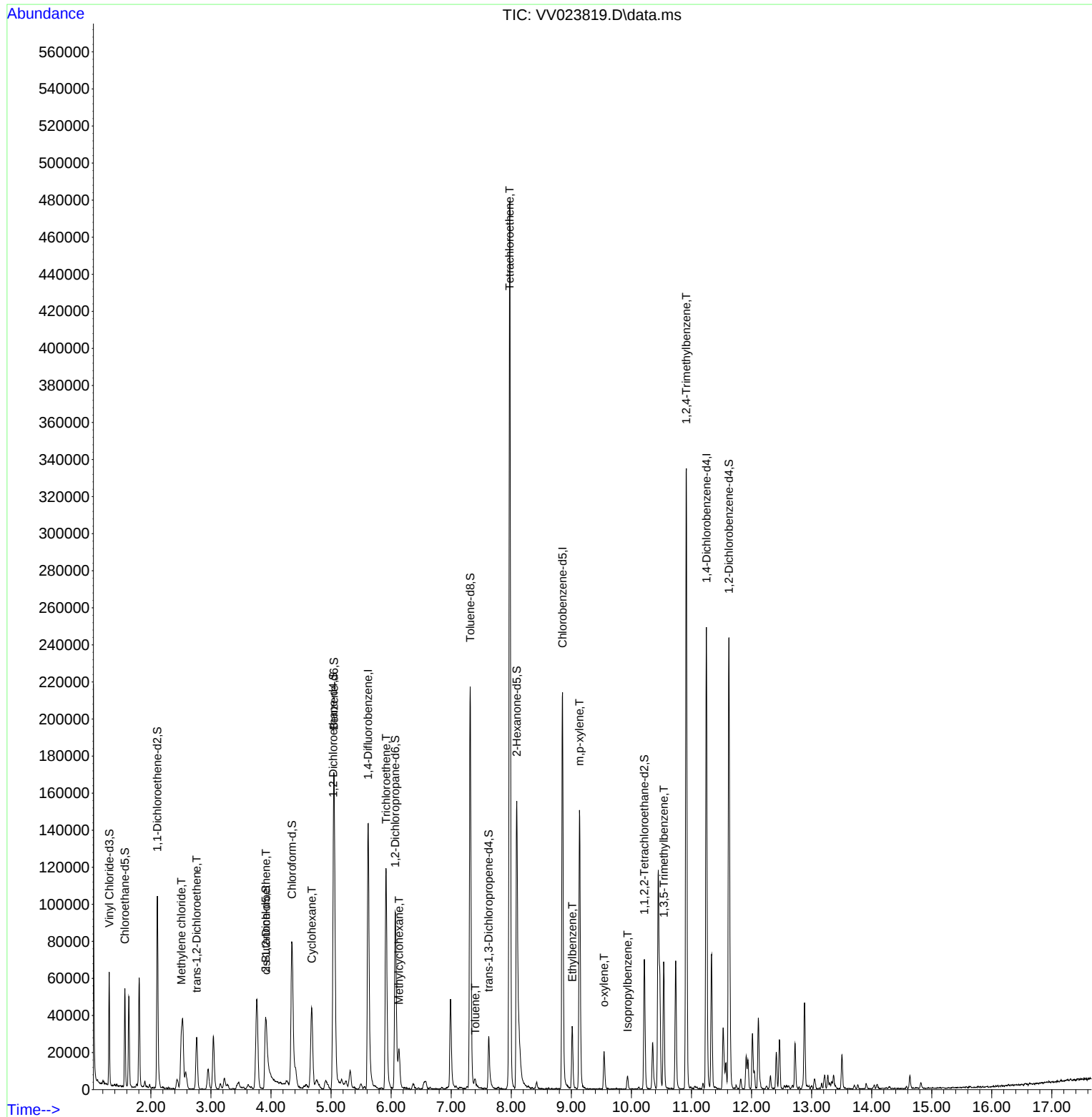
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Data File : VV023819.D
Acq On : 07 Dec 2021 13:44
Operator : SY/MD
Sample : M4879-07DL 200X
Misc : 25.0mL/MSVOA_V/WATER
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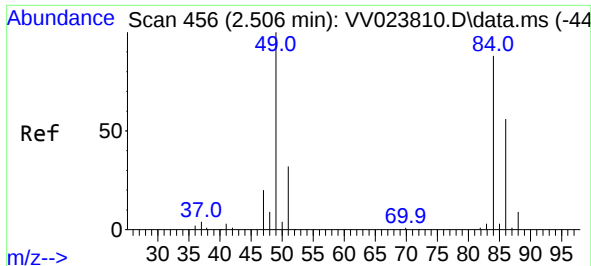
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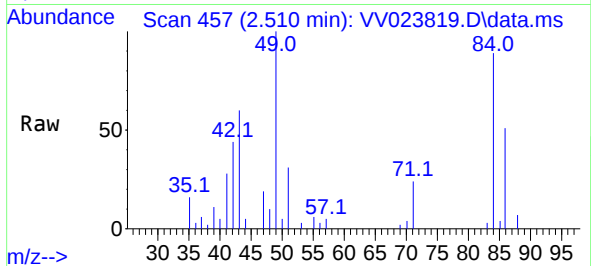
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#16
Methylene chloride
Concen: 0.727 ug/L
RT: 2.510 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

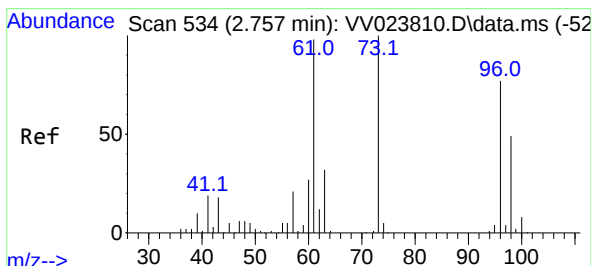
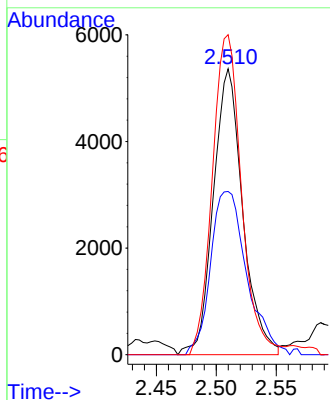
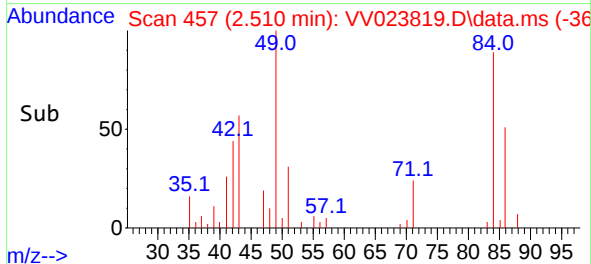
Instrument :
MSVOA_V
ClientSampleId :
C0G35DL



Tgt Ion: 84 Resp: 913
Ion Ratio Lower Upper
84 100
86 57.1 42.6 79.0
49 111.9 79.7 147.9

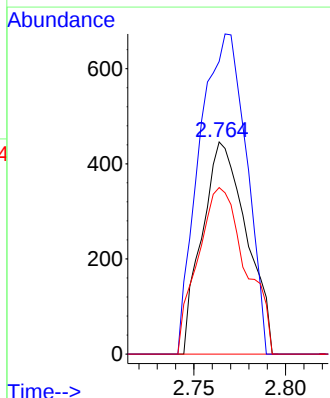
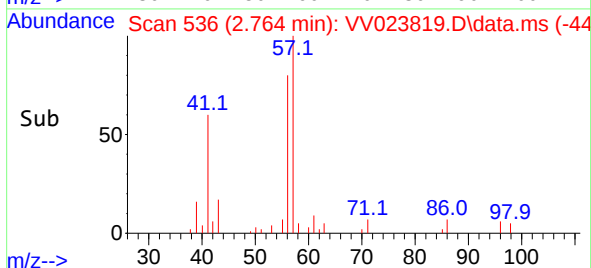
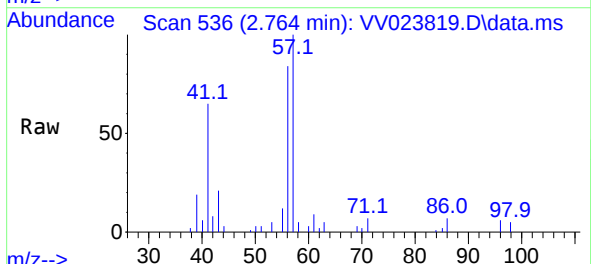
Manual Integrations
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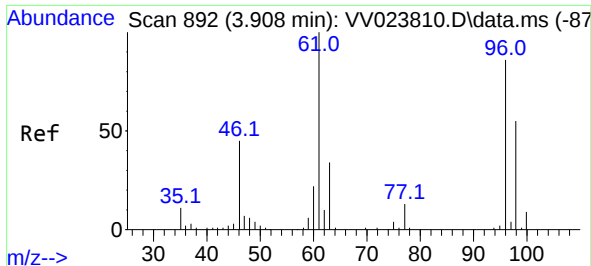
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#18
trans-1,2-Dichloroethene
Concen: 0.075 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

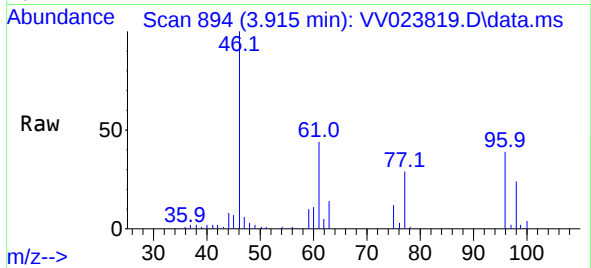
Tgt Ion: 96 Resp: 752
Ion Ratio Lower Upper
96 100
61 137.9 88.2 163.8
98 78.5 44.9 83.5





#22
cis-1,2-Dichloroethene
Concen: 1.108 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

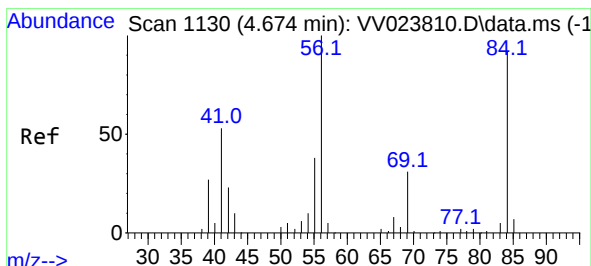
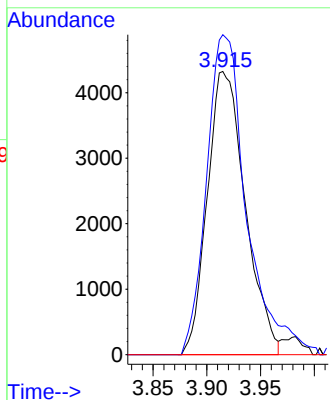
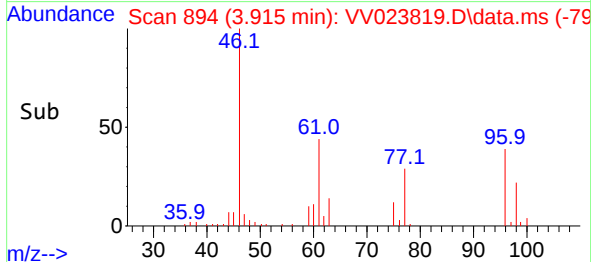
Instrument :
MSVOA_V
ClientSampleId :
C0G35DL



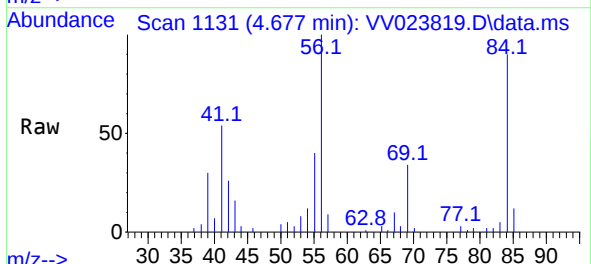
Tgt Ion: 96 Resp: 1064
Ion Ratio Lower Upper
96 100
61 113.0 83.4 154.8
68 0.0 0.0 0.0

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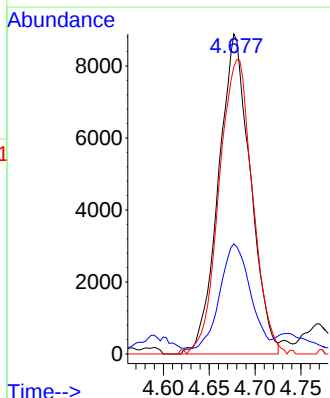
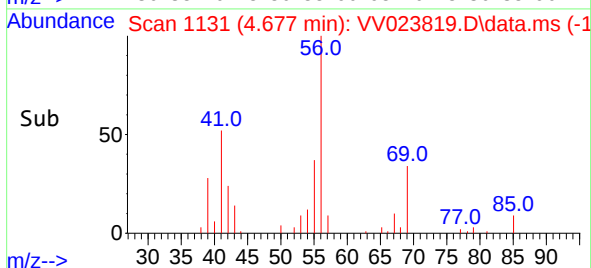
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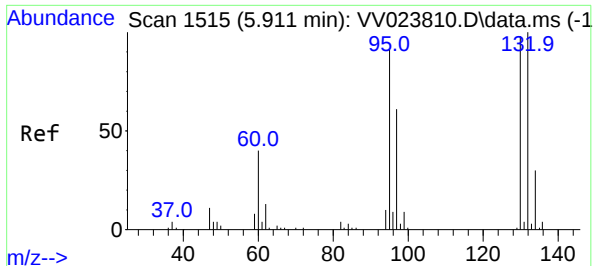


#30
Cyclohexane
Concen: 1.598 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44



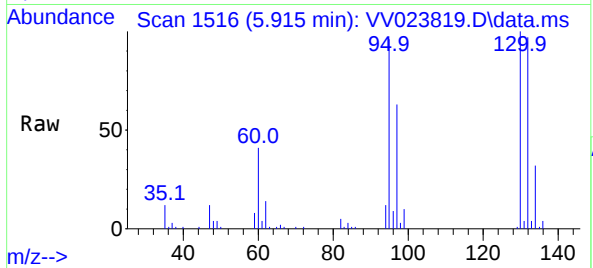
Tgt Ion: 56 Resp: 21469
Ion Ratio Lower Upper
56 100
69 30.7 24.8 37.2
84 96.5 75.9 113.9





#34
Trichloroethene
Concen: 4.404 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

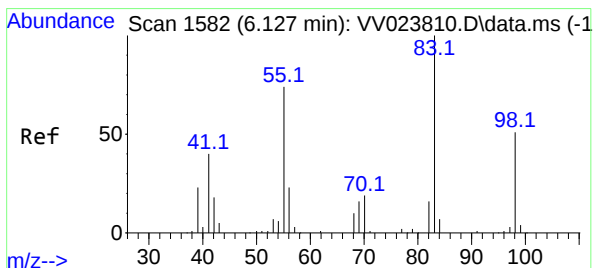
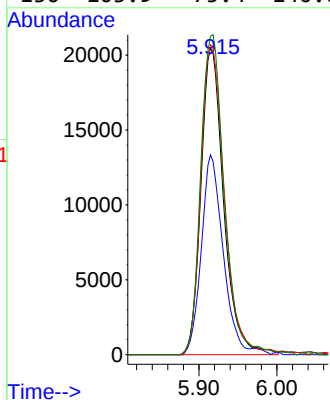
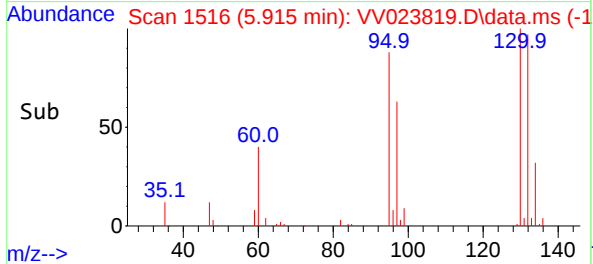
Instrument :
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C0G35DL



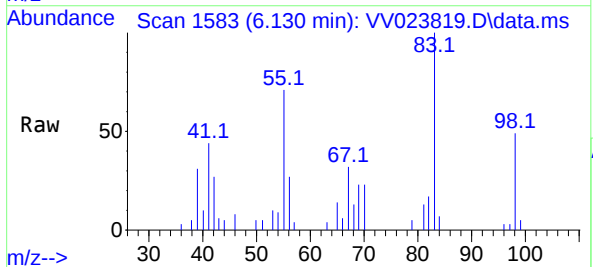
Tgt Ion: 95 Resp: 4144
Ion Ratio Lower Upper
95 100
97 65.2 45.2 84.0
132 101.1 76.1 141.3
130 103.9 75.4 140.0

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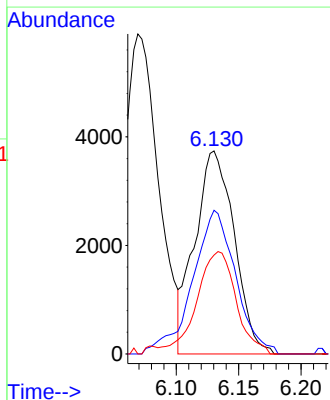
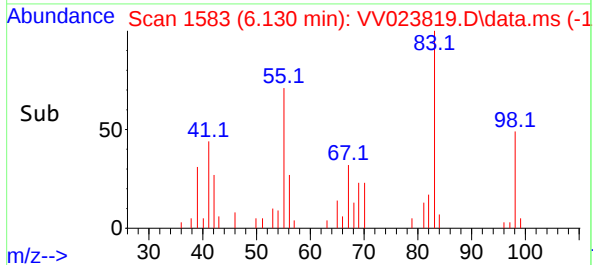
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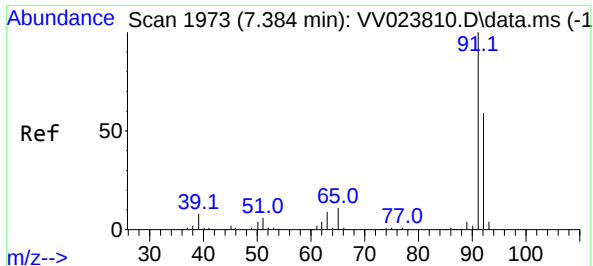


#35
Methylcyclohexane
Concen: 0.562 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44



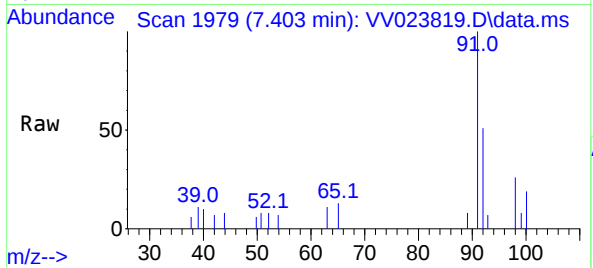
Tgt Ion: 83 Resp: 8252
Ion Ratio Lower Upper
83 100
55 76.9 60.2 90.2
98 50.2 41.0 61.4





#42
Toluene
Concen: 0.101 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.019 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

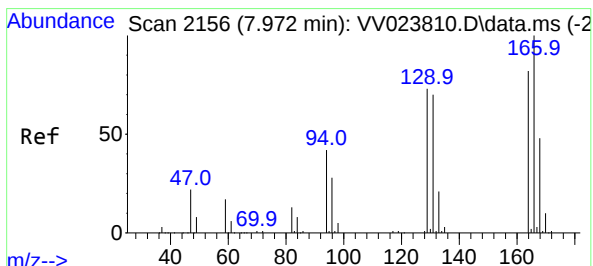
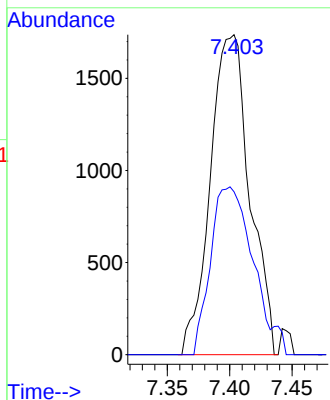
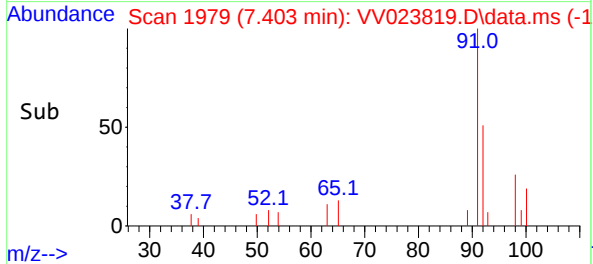
Instrument :
MSVOA_V
ClientSampleId :
C0G35DL



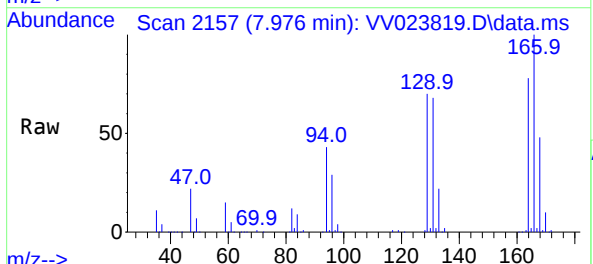
Tgt Ion: 91 Resp: 3829
Ion Ratio Lower Upper
91 100
92 50.9 41.5 77.1

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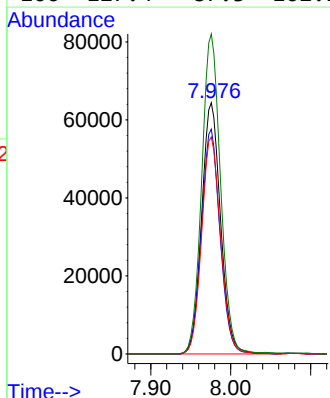
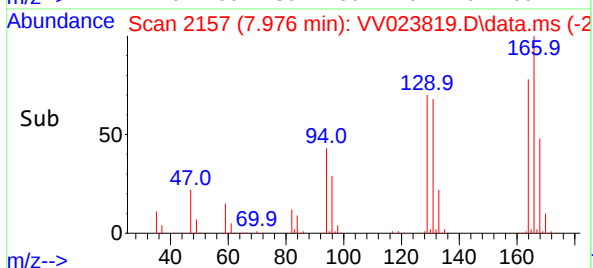
Reviewed By :John Carlone 12/08/2021
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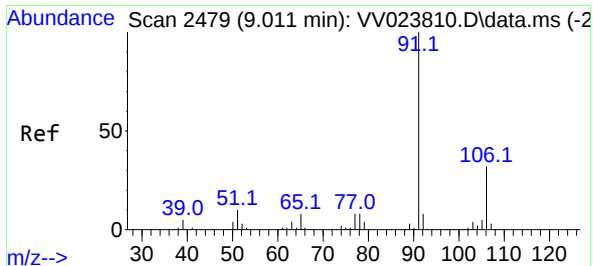


#47
Tetrachloroethene
Concen: 12.418 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44



Tgt Ion:164 Resp: 106362
Ion Ratio Lower Upper
164 100
129 89.5 62.6 116.2
131 86.3 61.0 113.4
166 127.4 87.3 162.1





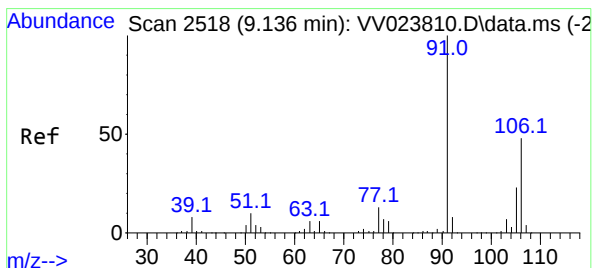
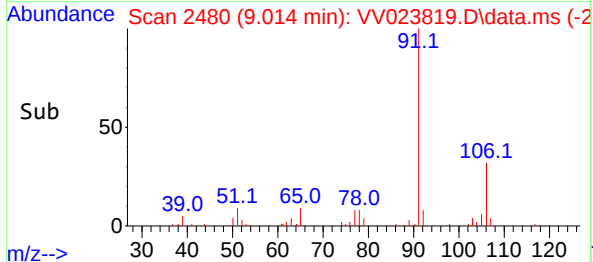
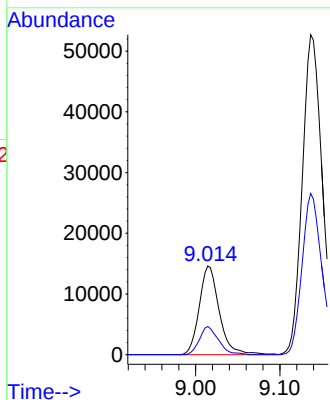
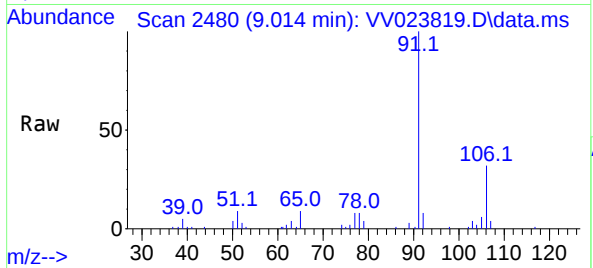
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Ethylbenzene
Concen: 0.607 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

Instrument :
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ClientSampleId :
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Tgt Ion: 91 Resp: 24174
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0

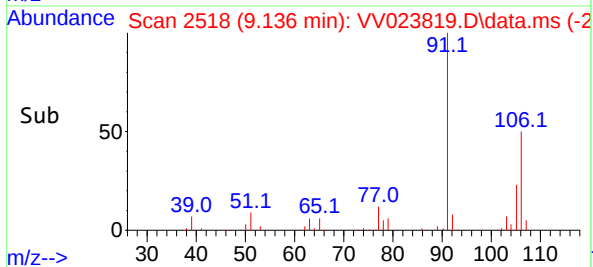
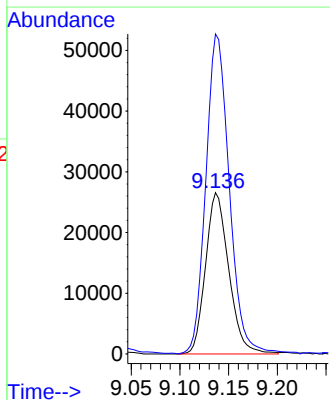
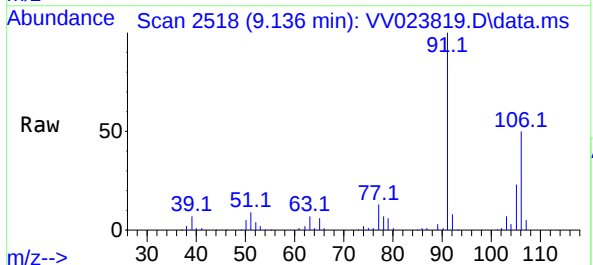
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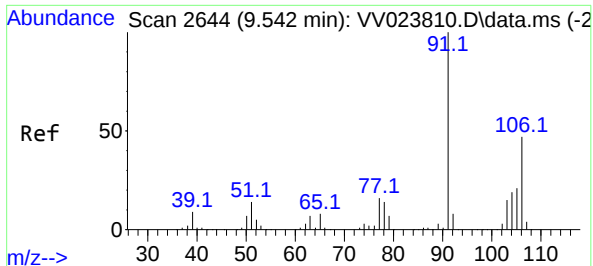
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#53
m,p-xylene
Concen: 2.784 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

Tgt Ion:106 Resp: 44127
Ion Ratio Lower Upper
106 100
91 198.5 139.5 259.1





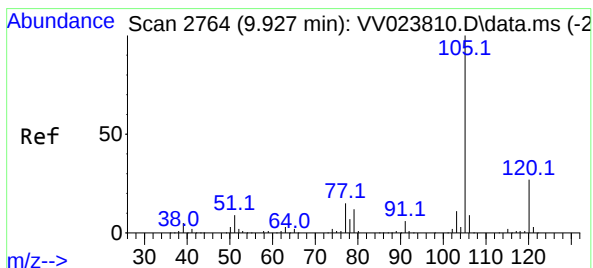
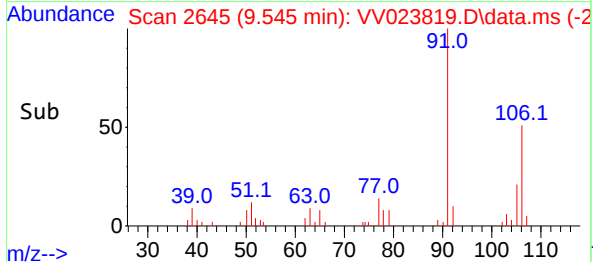
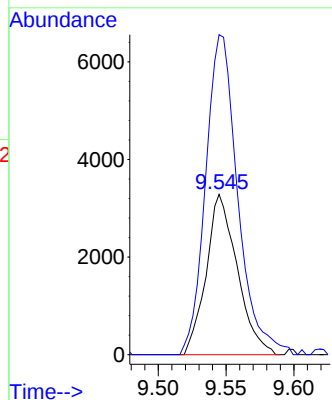
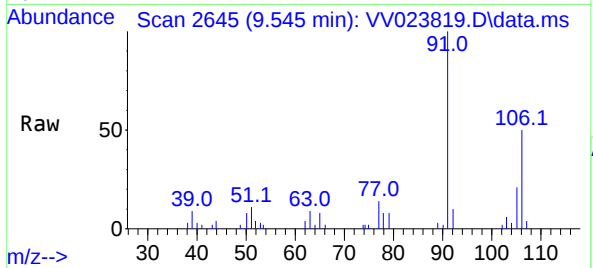
#54
o-xylene
Concen: 0.347 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

Instrument :
MSVOA_V
ClientSampleId :
C0G35DL

Tgt Ion:106 Resp: 5234
Ion Ratio Lower Upper
106 100
91 199.6 147.9 274.7

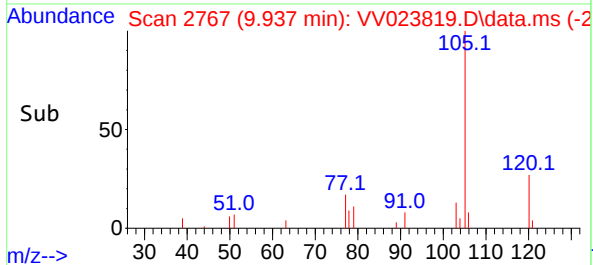
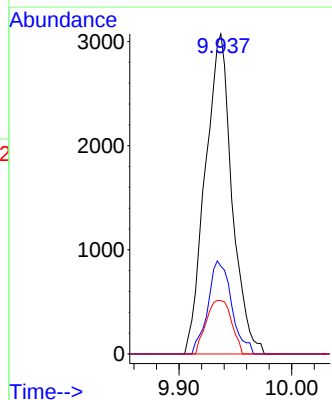
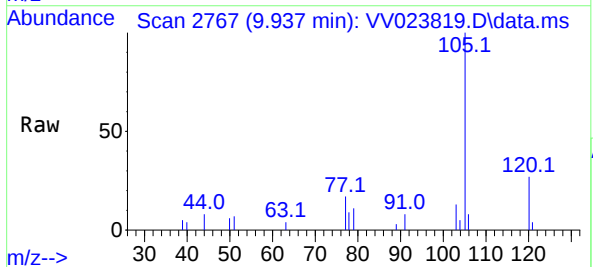
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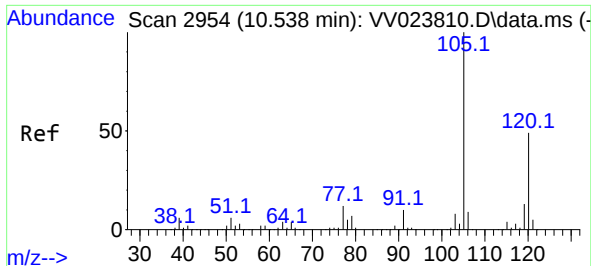
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#60
Isopropylbenzene
Concen: 0.125 ug/L m
RT: 9.937 min Scan# 2767
Delta R.T. 0.007 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

Tgt Ion:105 Resp: 5053
Ion Ratio Lower Upper
105 100
120 639.5 21.4 32.0#
77 237.7 12.2 18.4#





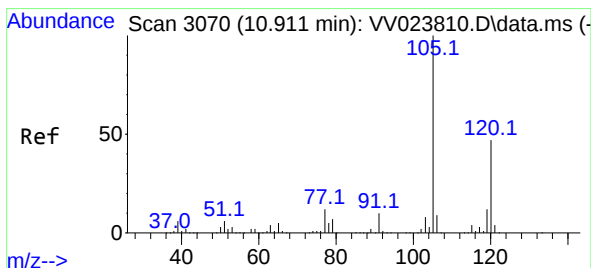
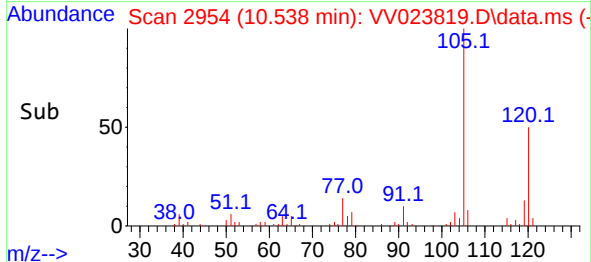
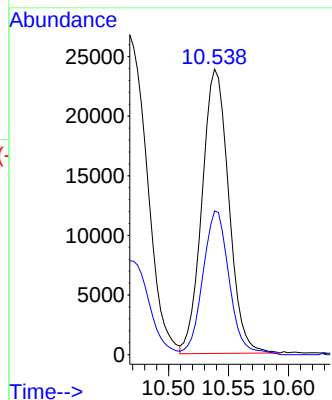
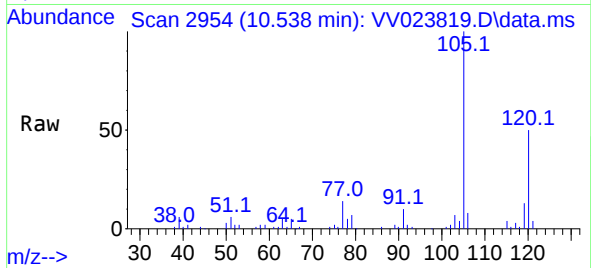
#62
1,3,5-Trimethylbenzene
Concen: 1.098 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

Instrument :
MSVOA_V
ClientSampleId :
C0G35DL

Tgt Ion:105 Resp: 36950
Ion Ratio Lower Upper
105 100
120 49.8 40.1 60.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#63
1,2,4-Trimethylbenzene
Concen: 5.470 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV023819.D
Acq: 07 Dec 2021 13:44

Tgt Ion:105 Resp: 181992
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1

