

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023529.D
 Acq On : 16 Nov 2021 13:12
 Operator : SY/MD
 Sample : M4643-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J9MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:51:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123674	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34583	4.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.568	69	28434	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.111	63	69046	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.908	46	54248	40.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.280%
24) Chloroform-d	4.349	84	74702	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	36245	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.053	84	148545	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.069	67	42946	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	144027	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.625	79	18031	5.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.091	63	63059	48.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31999	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53133	4.716	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	52572	4.359	ug/L	100
3) Chloromethane	1.240	50	47077	4.591	ug/L	99
5) Vinyl chloride	1.310	62	48333	4.720	ug/L	100
6) Bromomethane	1.523	94	27371	4.182	ug/L	96
8) Chloroethane	1.584	64	29381	4.972	ug/L	97
9) Trichlorofluoromethane	1.754	101	75723	4.921	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	39837	5.143	ug/L	98
12) 1,1-Dichloroethene	2.121	96	35529	4.817	ug/L	89
13) Acetone	2.195	43	42449m	52.047	ug/L	
14) Carbon disulfide	2.294	76	118776	4.268	ug/L	100
15) Methyl Acetate	2.442	43	11019	4.774	ug/L	91
16) Methylene chloride	2.510	84	41488	3.855	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	79914	4.922	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	41771	4.607	ug/L	93
19) 1,1-Dichloroethane	3.191	63	72457	4.734	ug/L	98
21) 2-Butanone	3.989	43	49302	37.389	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	42016	4.816	ug/L	# 91
23) Bromochloromethane	4.249	128	19438	4.831	ug/L	# 79
25) Chloroform	4.378	83	81584	5.000	ug/L	99

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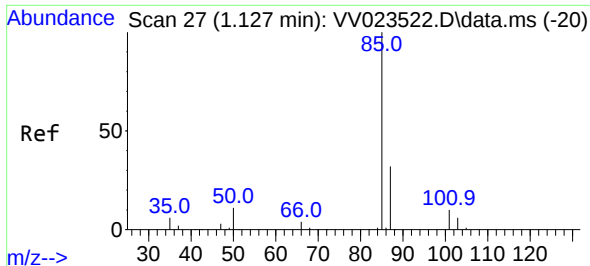
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42686	4.918	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	71957	4.830	ug/L	99
30) Cyclohexane	4.680	56	59979	4.493	ug/L	98
31) Carbon tetrachloride	4.831	117	65435	4.890	ug/L	97
33) Benzene	5.101	78	165209	4.819	ug/L	100
34) Trichloroethene	5.915	95	43556	4.777	ug/L	96
35) Methylcyclohexane	6.133	83	65565	4.556	ug/L	95
37) 1,2-Dichloropropane	6.175	63	38700	4.835	ug/L	97
38) Bromodichloromethane	6.510	83	52662	4.909	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	56143	4.877	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	204631	55.122	ug/L	99
42) Toluene	7.387	91	185799	5.067	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	46831	4.902	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28373	4.933	ug/L	97
47) Tetrachloroethene	7.976	164	78220	9.899	ug/L	98
48) 2-Hexanone	8.143	43	145116	55.787	ug/L	97
49) Dibromochloromethane	8.246	129	36694	5.035	ug/L	97
50) 1,2-Dibromoethane	8.352	107	26784	5.025	ug/L	99
51) Chlorobenzene	8.882	112	119079	4.885	ug/L	99
52) Ethylbenzene	9.014	91	185995	4.809	ug/L	100
53) m,p-xylene	9.140	106	75264	4.958	ug/L	98
54) o-xylene	9.545	106	71397	5.014	ug/L	100
55) Styrene	9.561	104	123863	5.077	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	30294	4.808	ug/L	96
59) Bromoform	9.731	173	19466	4.817	ug/L #	96
60) Isopropylbenzene	9.931	105	190904	4.917	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21571	4.799	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	156006	4.846	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	157731	4.922	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	96561	4.867	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	96766	4.776	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	89422	5.037	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4750	4.960	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	72316	4.656	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	54818	4.407	ug/L	99
71) Naphthalene	13.503	128	74204	4.046	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50025	4.596	ug/L	99

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



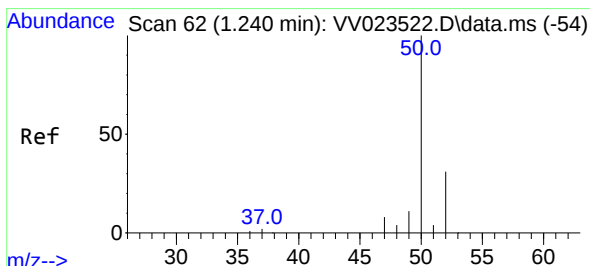
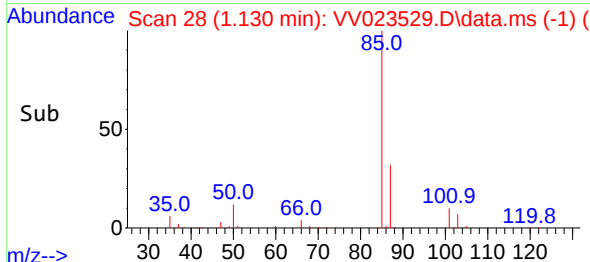
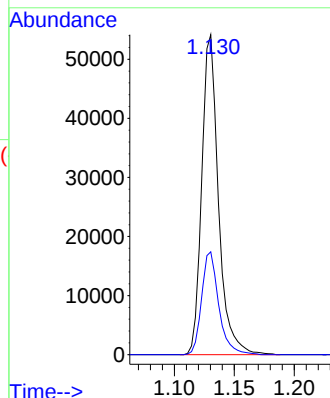
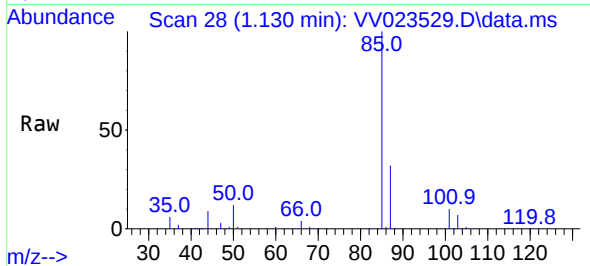
#2
Dichlorodifluoromethane
Concen: 4.359 ug/L
RT: 1.130 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion: 85 Resp: 52572
Ion Ratio Lower Upper
85 100
87 33.0 26.6 39.8

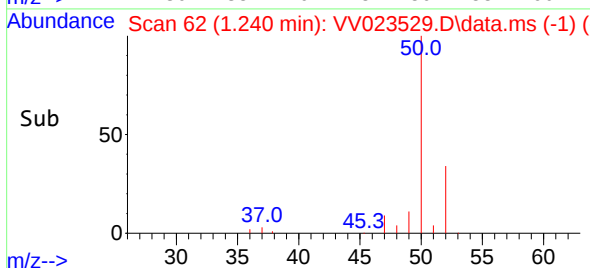
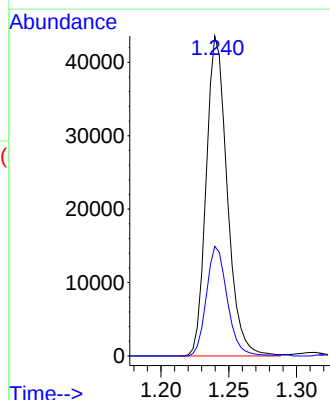
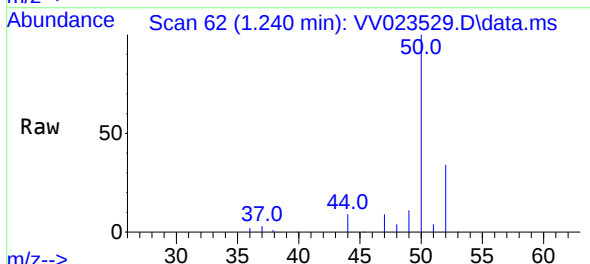
Manual Integrations
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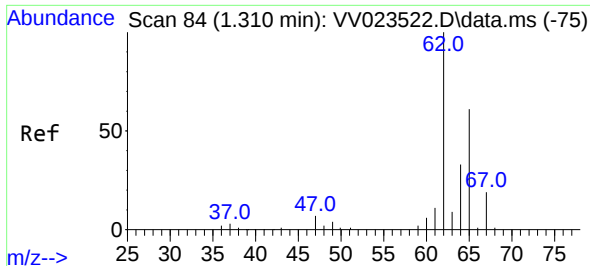
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#3
Chloromethane
Concen: 4.591 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Tgt Ion: 50 Resp: 47077
Ion Ratio Lower Upper
50 100
52 34.2 24.3 45.1





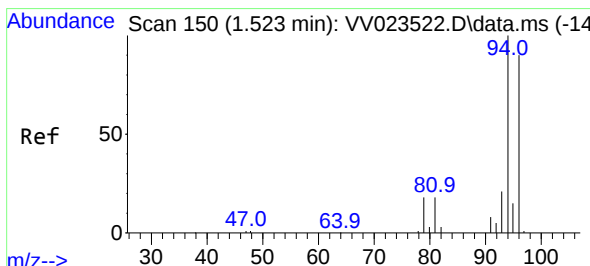
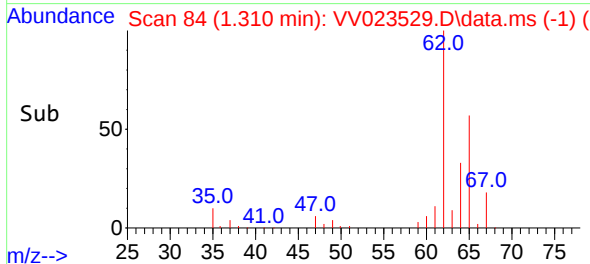
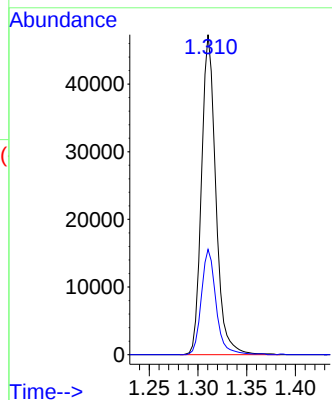
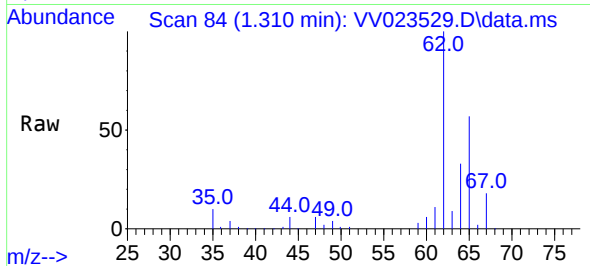
#5
 Vinyl chloride
 Concen: 4.720 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023529.D
 Acq: 16 Nov 2021 13:12

Instrument :
 MSVOA_V
 Client Sample Id :
 GB8J9MS

Tgt Ion: 62 Resp: 4833
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9

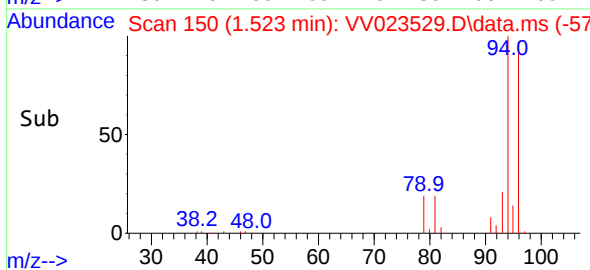
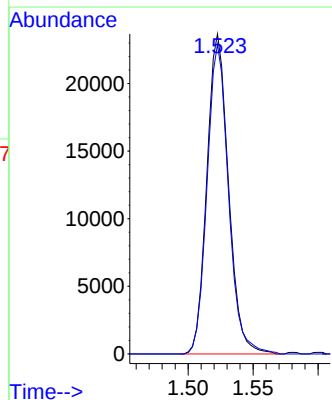
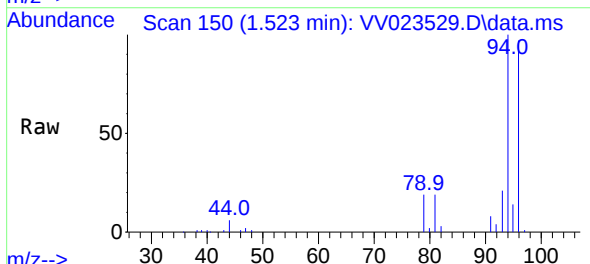
Manual Integrations
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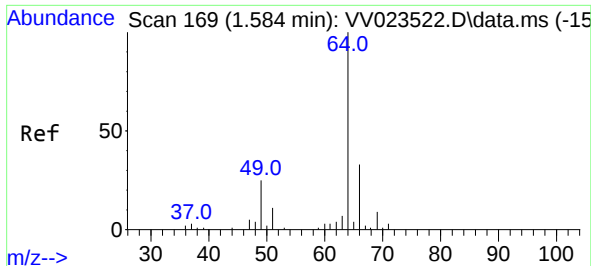
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#6
 Bromomethane
 Concen: 4.182 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023529.D
 Acq: 16 Nov 2021 13:12

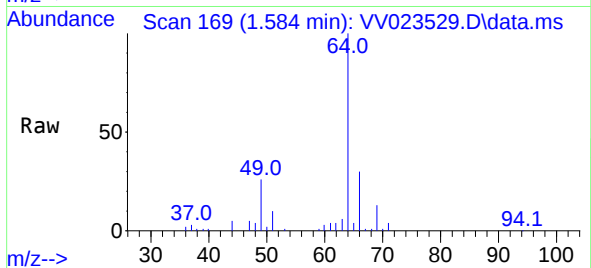
Tgt Ion: 94 Resp: 27371
 Ion Ratio Lower Upper
 94 100
 96 96.8 65.0 120.8





#8
Chloroethane
Concen: 4.972 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

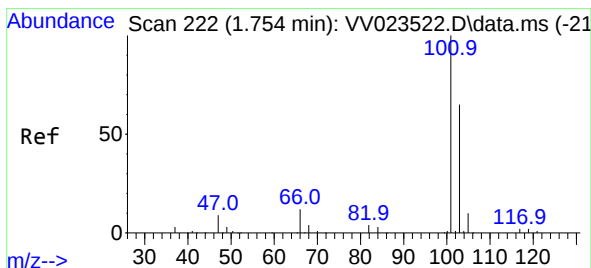
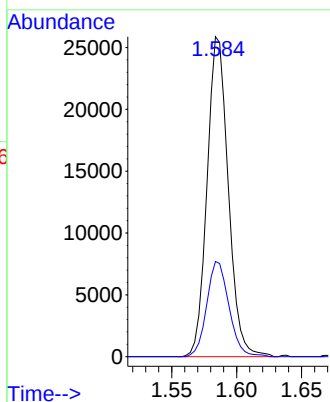
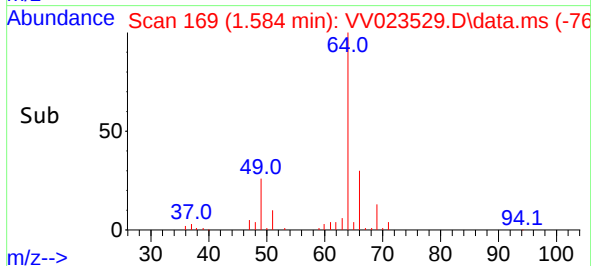
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



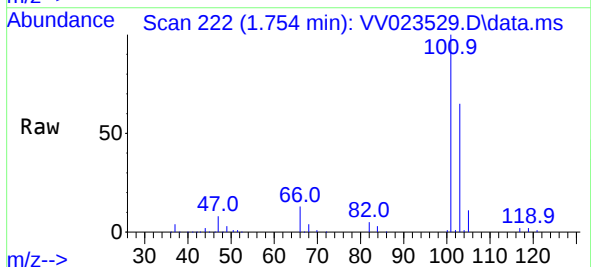
Tgt Ion: 64 Resp: 2938
Ion Ratio Lower Upper
64 100
66 29.7 22.1 41.1

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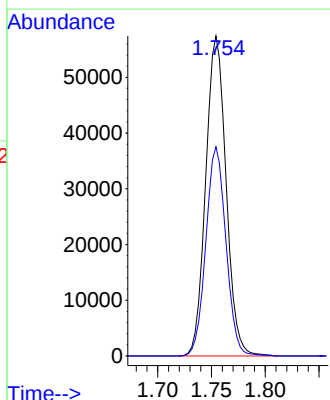
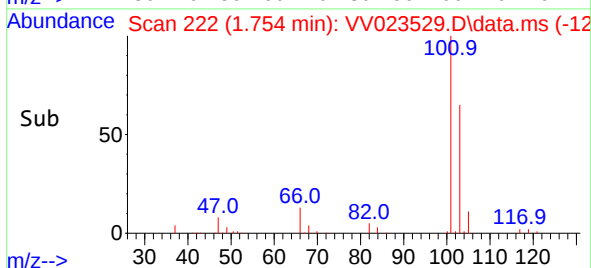
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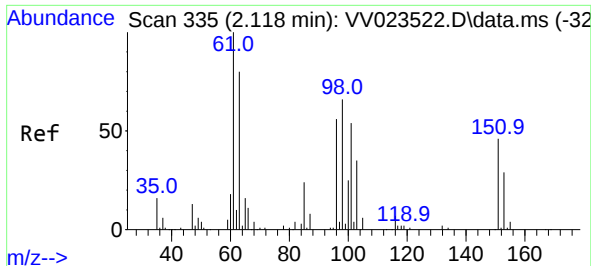


#9
Trichlorofluoromethane
Concen: 4.921 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12



Tgt Ion:101 Resp: 75723
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0





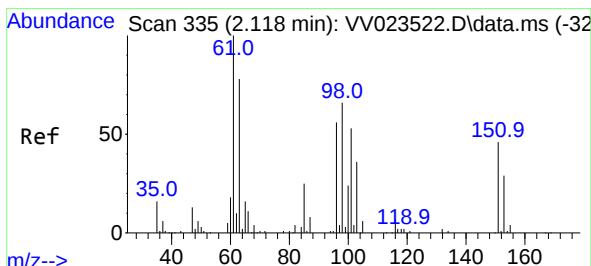
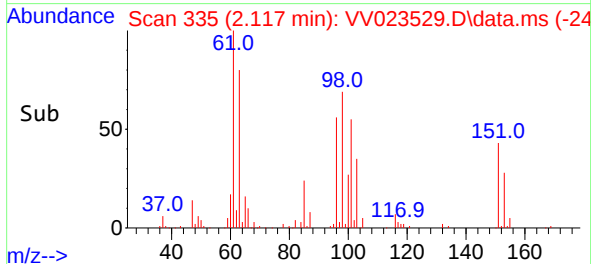
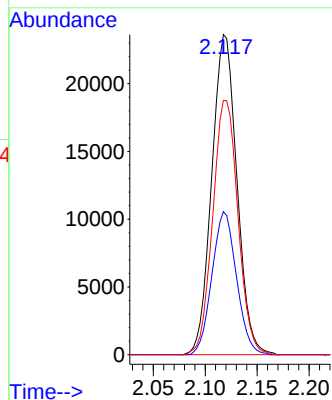
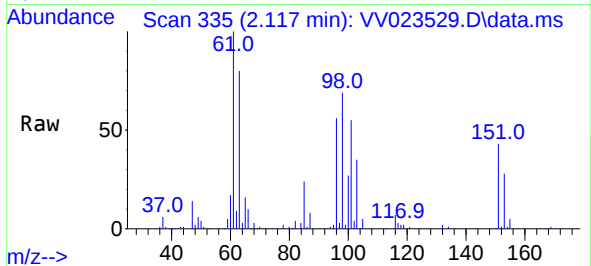
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.143 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion:101 Resp: 3983
Ion Ratio Lower Upper
101 100
85 43.5 35.3 52.9
151 79.5 62.2 93.2

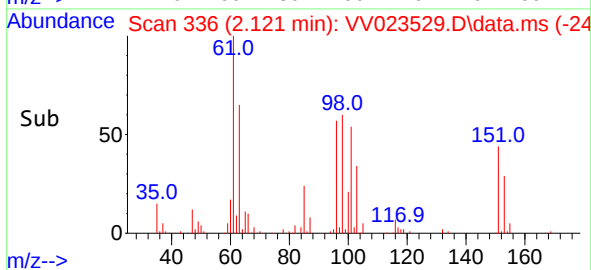
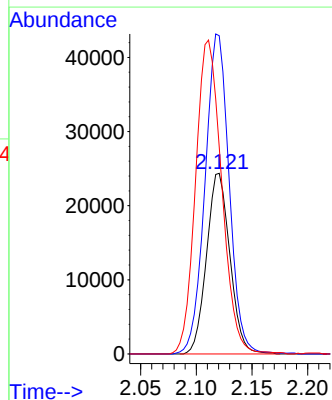
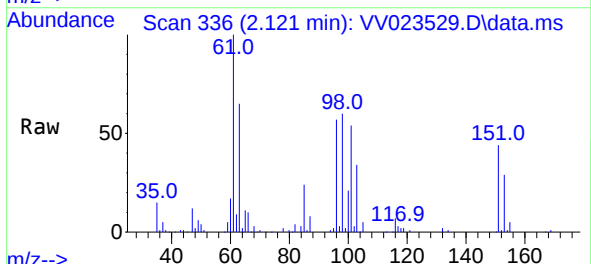
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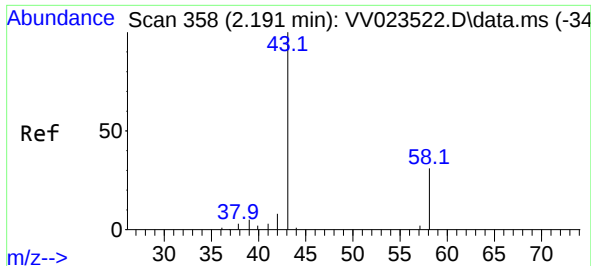
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 4.817 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

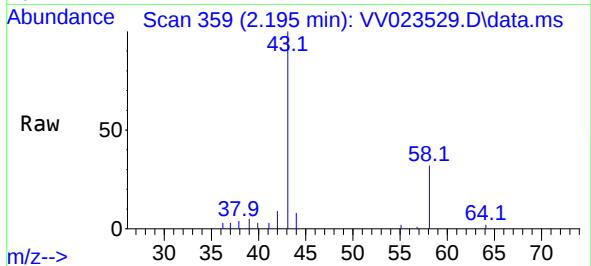
Tgt Ion: 96 Resp: 35529
Ion Ratio Lower Upper
96 100
61 176.2 121.5 225.7
63 114.5 99.6 185.0





#13
Acetone
Concen: 52.047 ug/L m
RT: 2.195 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

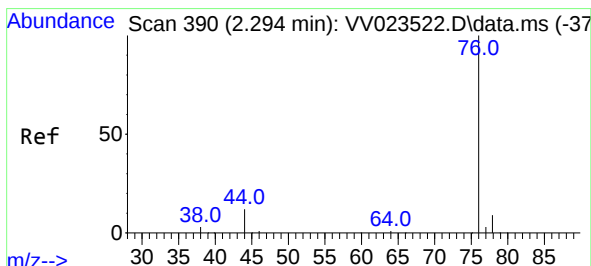
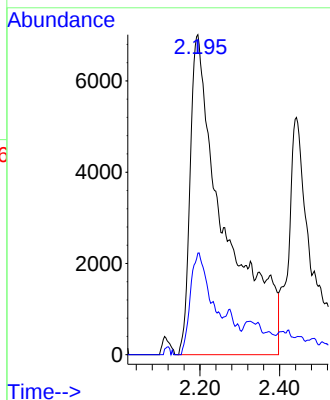
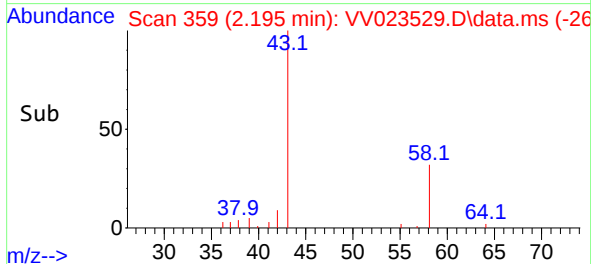
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



Tgt Ion: 43 Resp: 42449
Ion Ratio Lower Upper
43 100
58 19.0 0.0 55.4

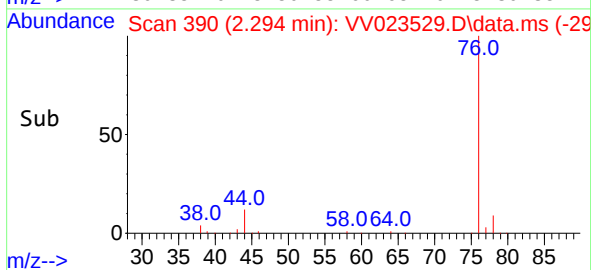
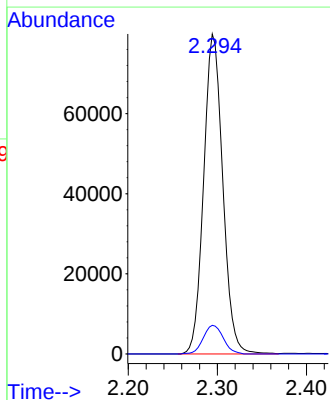
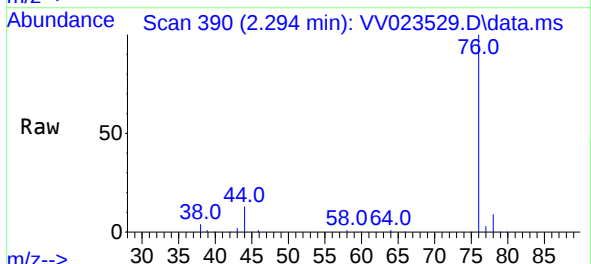
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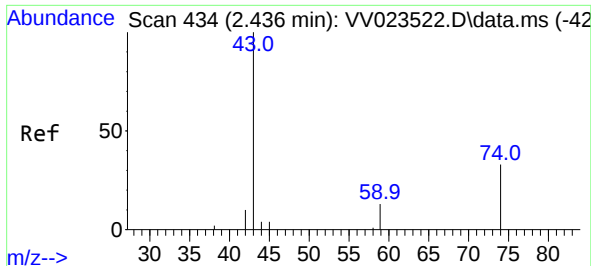
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Carbon disulfide
Concen: 4.268 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

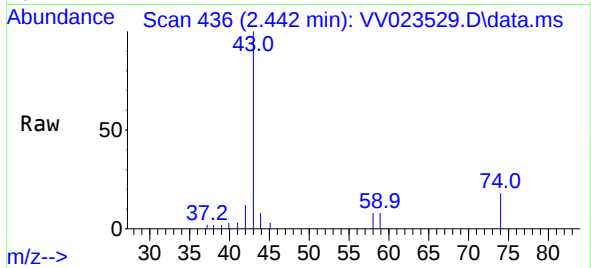
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Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8





#15
Methyl Acetate
Concen: 4.774 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

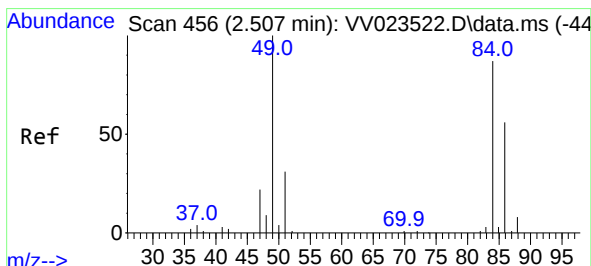
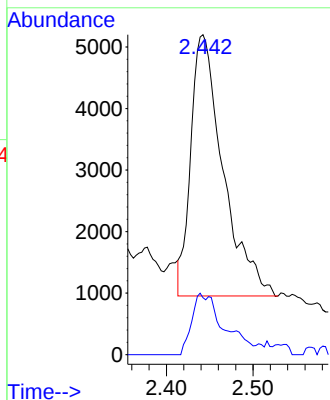
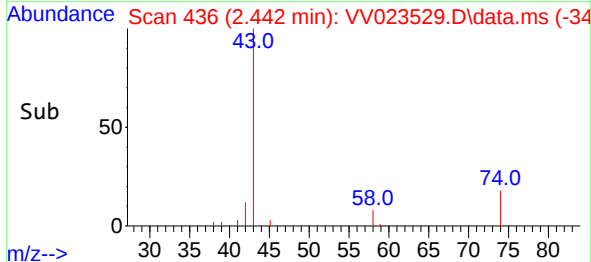
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



Tgt Ion: 43 Resp: 11019
Ion Ratio Lower Upper
43 100
74 23.2 22.2 33.2

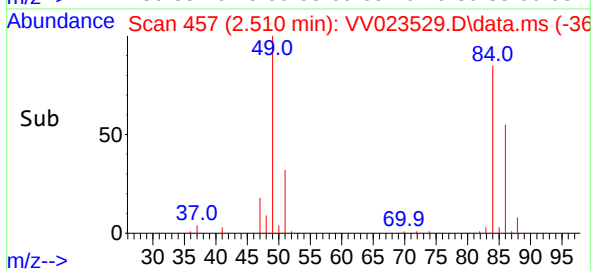
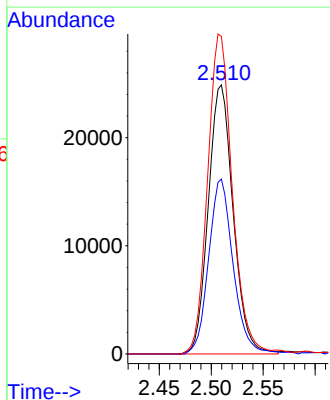
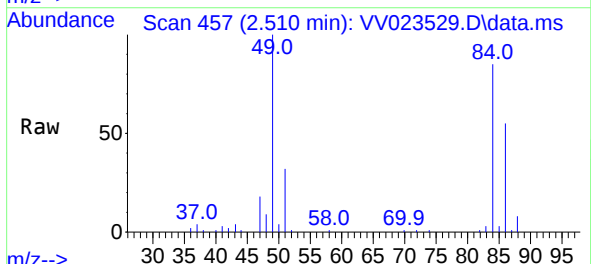
Manual Integrations
APPROVED

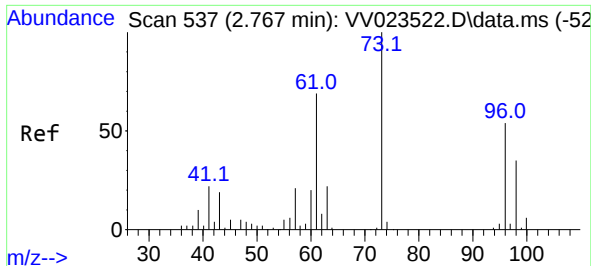
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Methylene chloride
Concen: 3.855 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Tgt Ion: 84 Resp: 41488
Ion Ratio Lower Upper
84 100
86 65.0 42.3 78.5
49 118.0 79.7 148.1





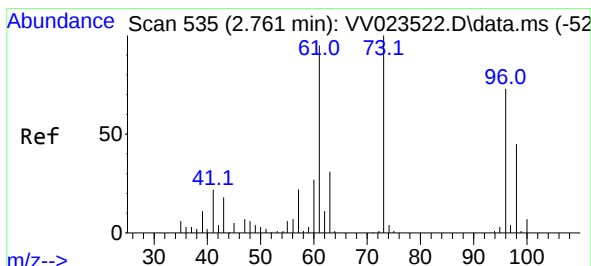
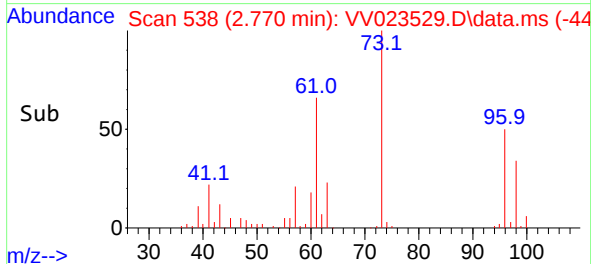
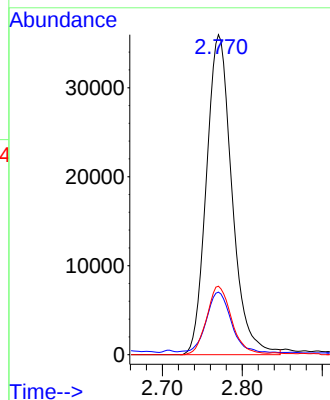
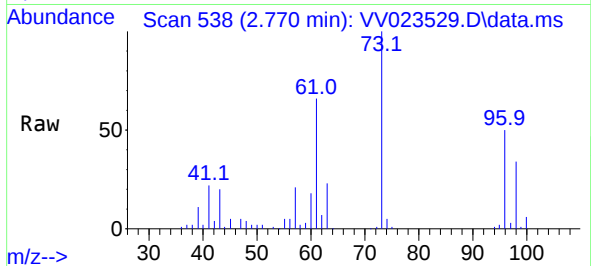
#17
Methyl tert-butyl Ether
Concen: 4.922 ug/L
RT: 2.770 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion: 73 Resp: 79914
Ion Ratio Lower Upper
73 100
43 18.2 17.4 26.0
57 20.9 16.5 24.7

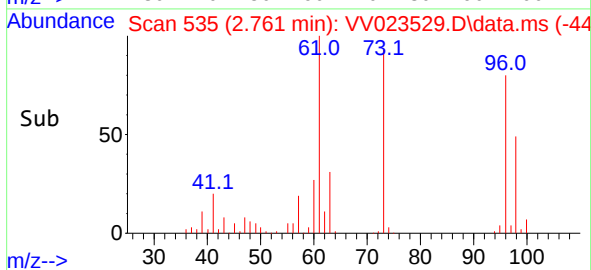
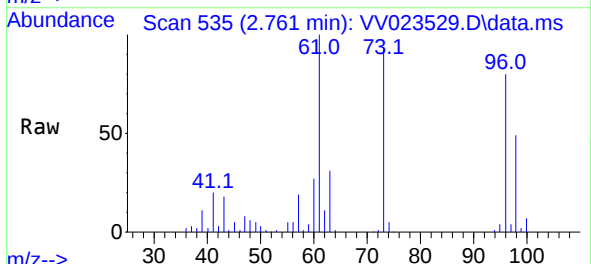
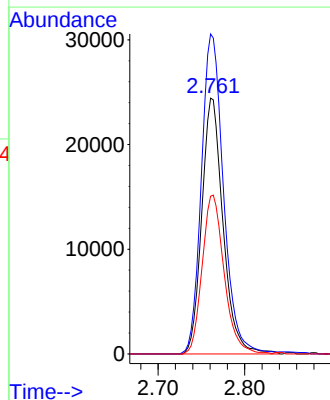
Manual Integrations
APPROVED

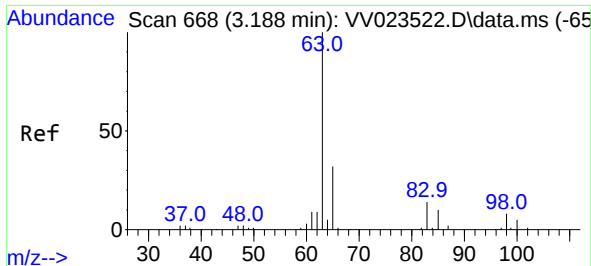
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
trans-1,2-Dichloroethene
Concen: 4.607 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

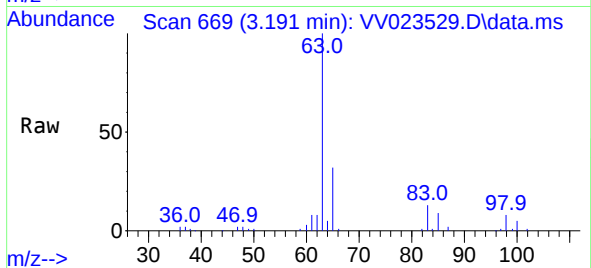
Tgt Ion: 96 Resp: 41771
Ion Ratio Lower Upper
96 100
61 125.1 93.2 173.2
98 61.7 47.0 87.2





#19
1,1-Dichloroethane
Concen: 4.734 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

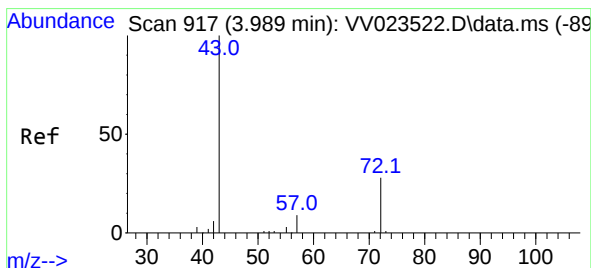
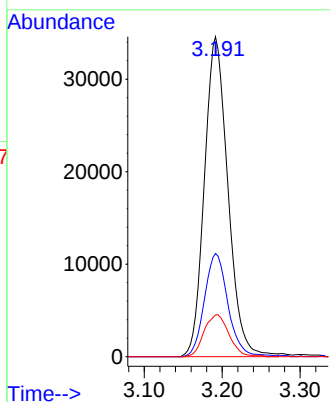
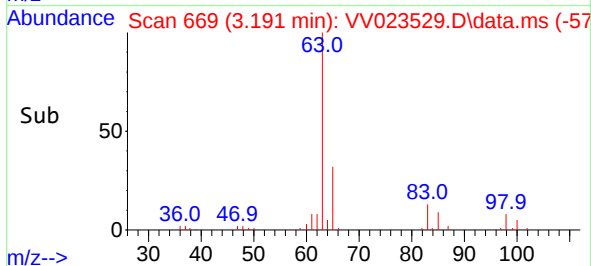
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



Tgt Ion: 63 Resp: 7245
Ion Ratio Lower Upper
63 100
65 32.2 22.6 42.0
83 13.1 11.1 20.7

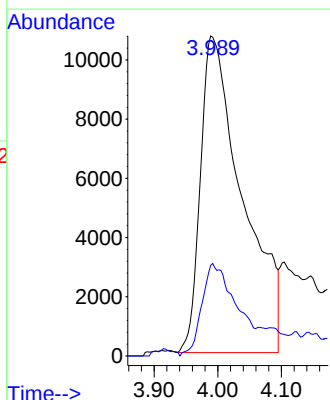
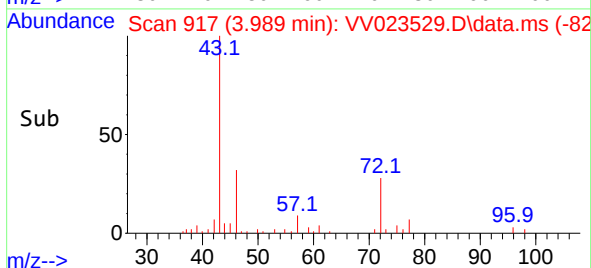
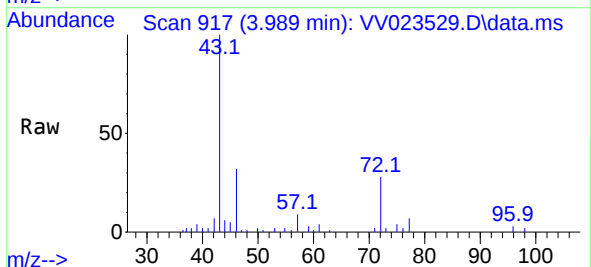
Manual Integrations
APPROVED

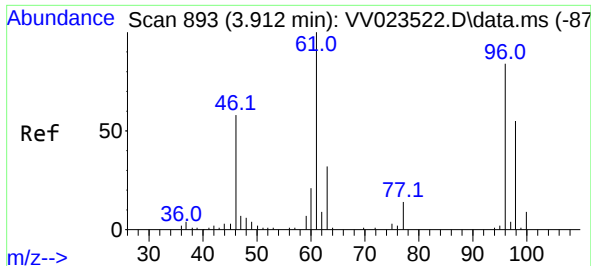
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#21
2-Butanone
Concen: 37.389 ug/L
RT: 3.989 min Scan# 917
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

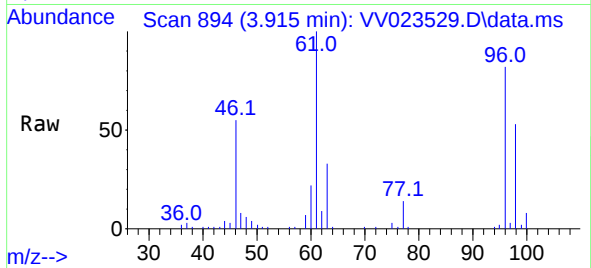
Tgt Ion: 43 Resp: 49302
Ion Ratio Lower Upper
43 100
72 23.8 11.9 35.9





#22
 cis-1,2-Dichloroethene
 Concen: 4.816 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV023529.D
 Acq: 16 Nov 2021 13:12

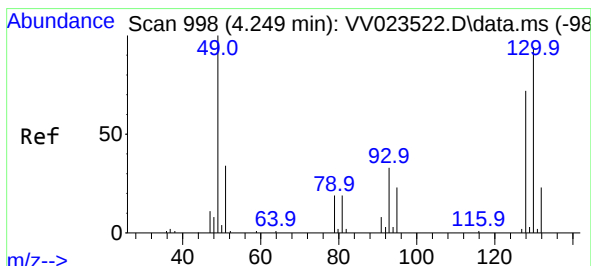
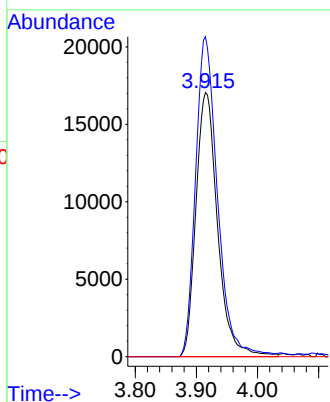
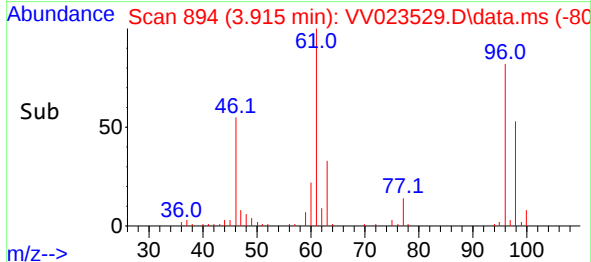
Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J9MS



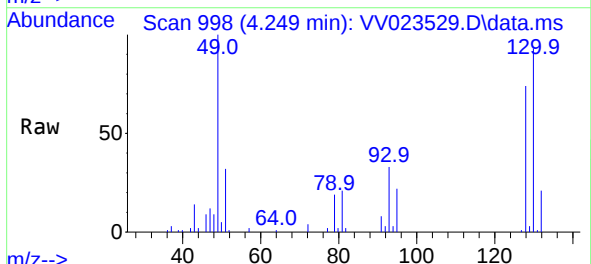
Tgt Ion: 96 Resp: 42010
 Ion Ratio Lower Upper
 96 100
 61 121.2 92.3 171.3
 68 0.0 0.4 0.8

Manual Integrations
 APPROVED

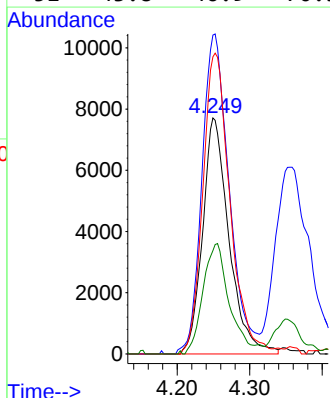
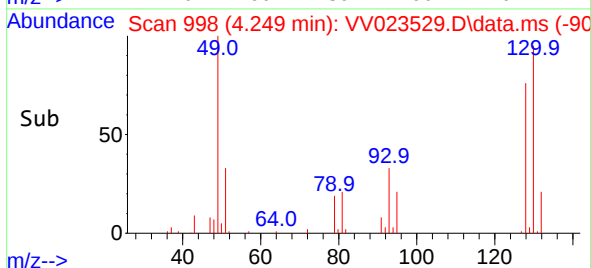
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

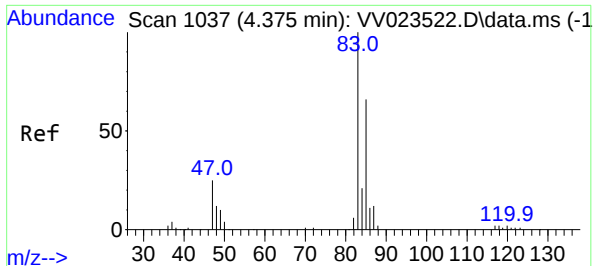


#23
 Bromochloromethane
 Concen: 4.831 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VV023529.D
 Acq: 16 Nov 2021 13:12



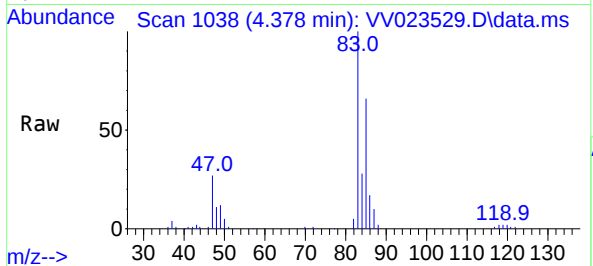
Tgt Ion:128 Resp: 19438
 Ion Ratio Lower Upper
 128 100
 49 135.1 126.1 234.3
 130 125.9 95.2 176.8
 51 43.8 46.9 70.3





#25
Chloroform
Concen: 5.000 ug/L
RT: 4.378 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

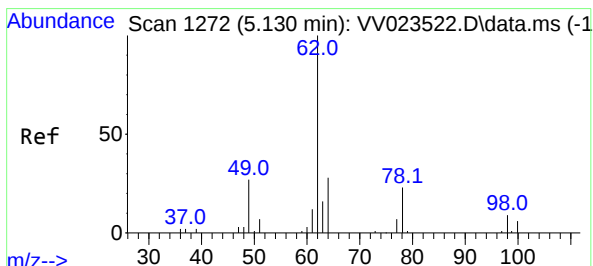
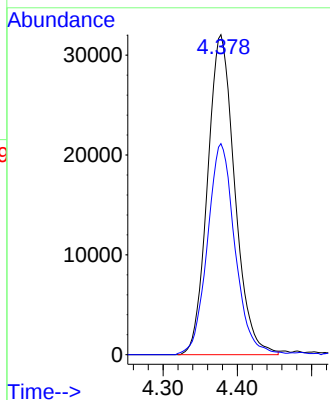
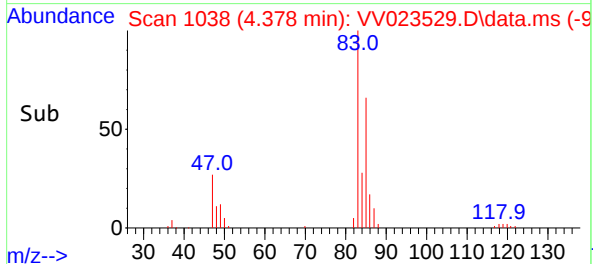
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



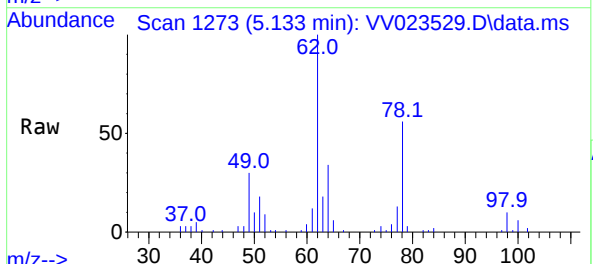
Tgt Ion: 83 Resp: 81584
Ion Ratio Lower Upper
83 100
85 65.9 46.8 86.8

Manual Integrations
APPROVED

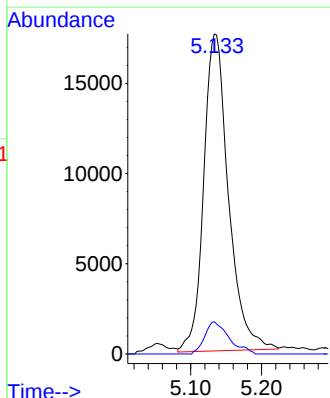
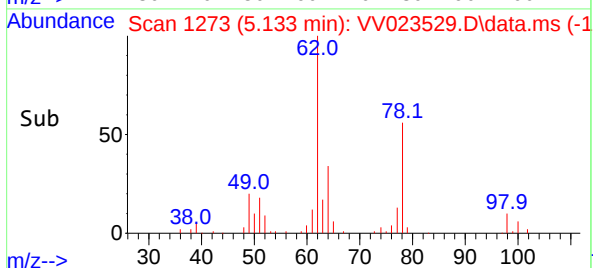
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

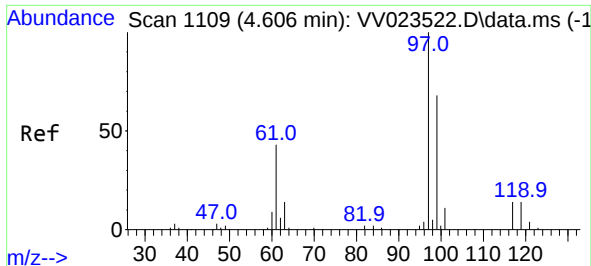


#27
1,2-Dichloroethane
Concen: 4.918 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12



Tgt Ion: 62 Resp: 42686
Ion Ratio Lower Upper
62 100
98 10.1 8.2 12.4





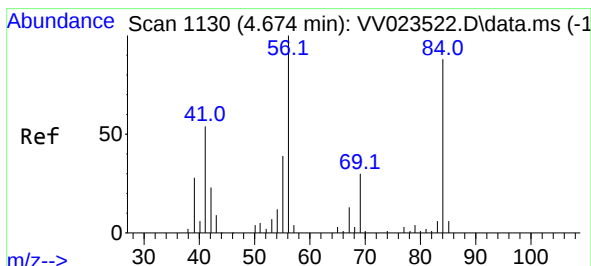
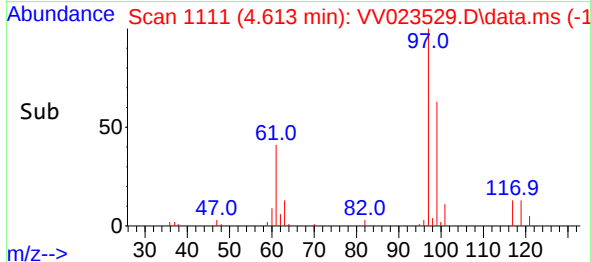
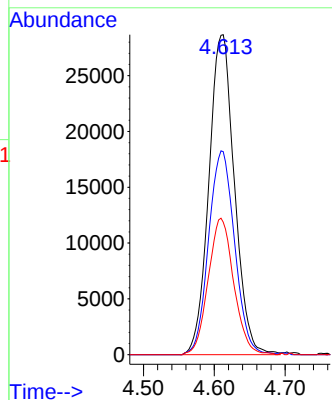
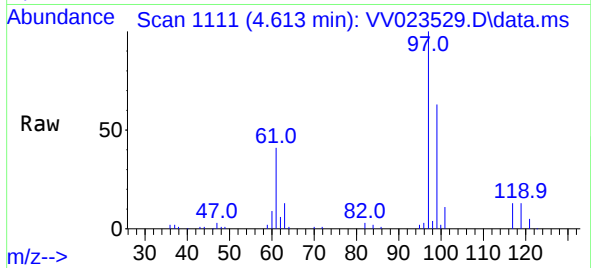
#29
1,1,1-Trichloroethane
Concen: 4.830 ug/L
RT: 4.613 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion: 97 Resp: 7195
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 42.6 34.1 51.1

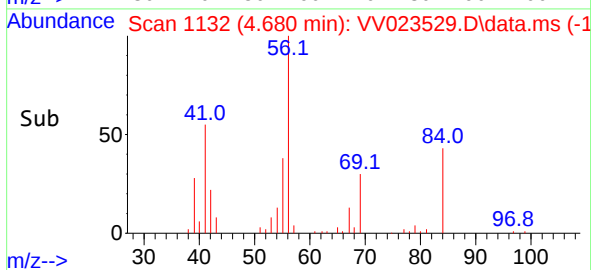
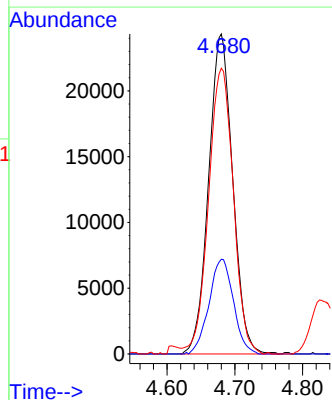
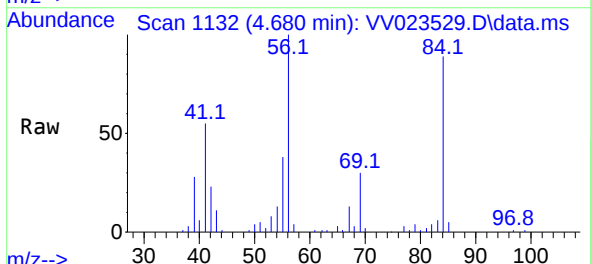
Manual Integrations
APPROVED

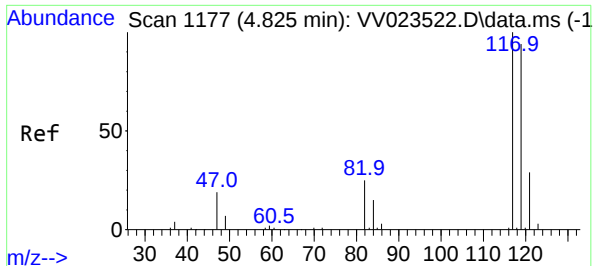
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#30
Cyclohexane
Concen: 4.493 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Tgt Ion: 56 Resp: 59979
Ion Ratio Lower Upper
56 100
69 30.1 23.5 35.3
84 92.1 71.6 107.4





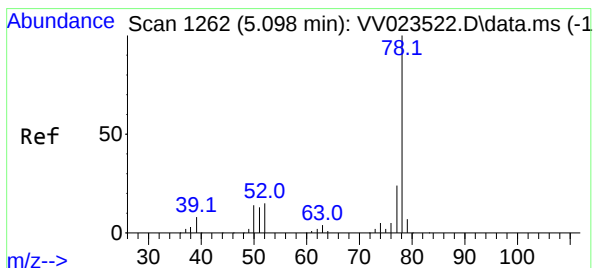
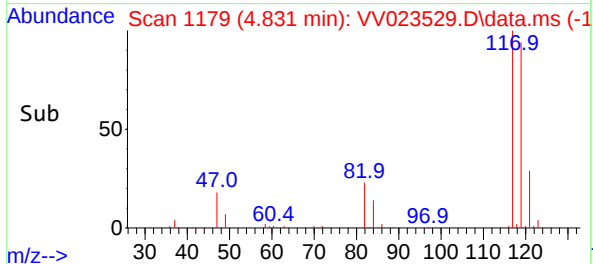
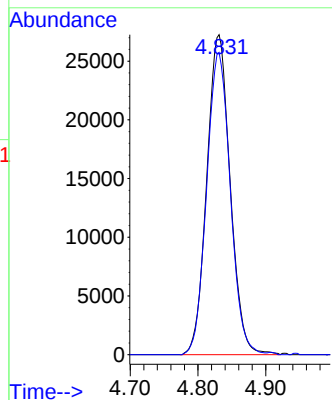
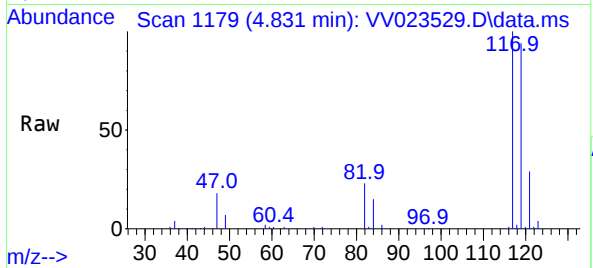
#31
Carbon tetrachloride
Concen: 4.890 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion:117 Resp: 65435
Ion Ratio Lower Upper
117 100
119 95.3 78.8 118.2

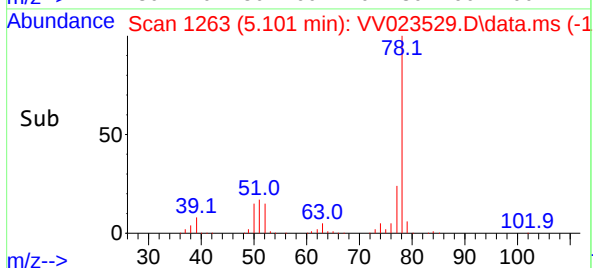
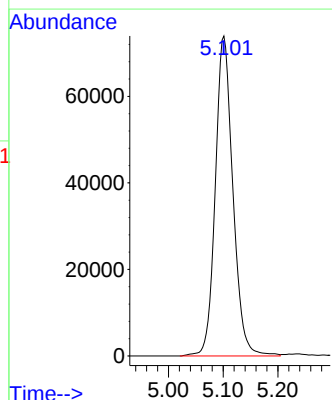
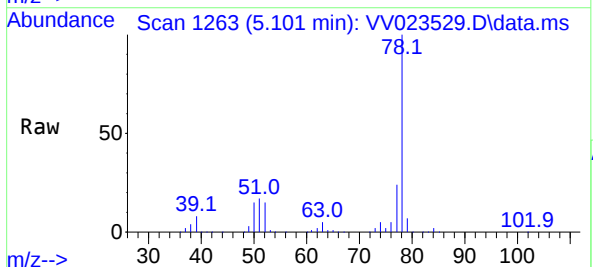
Manual Integrations
APPROVED

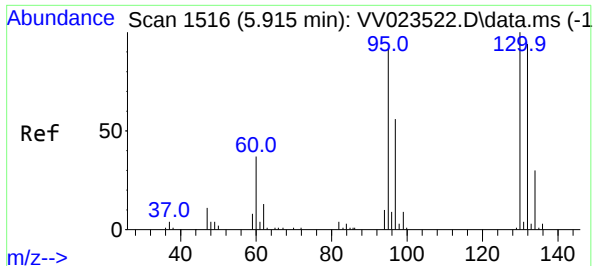
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#33
Benzene
Concen: 4.819 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

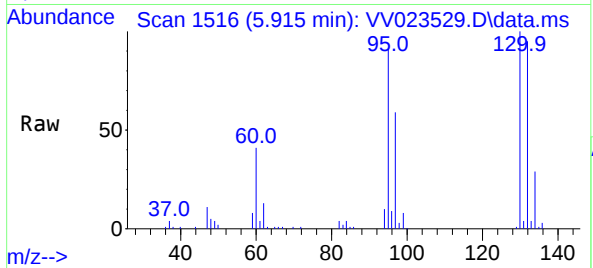
Tgt Ion: 78 Resp: 165209





#34
Trichloroethene
Concen: 4.777 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

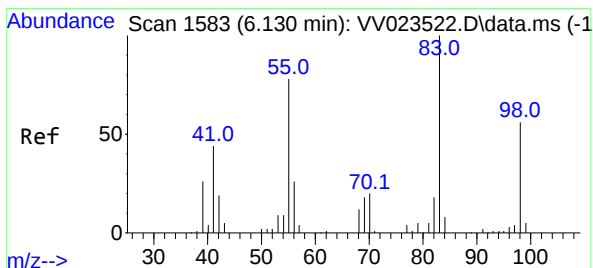
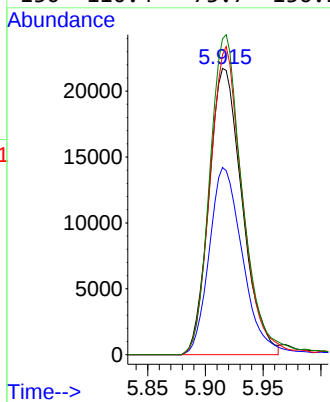
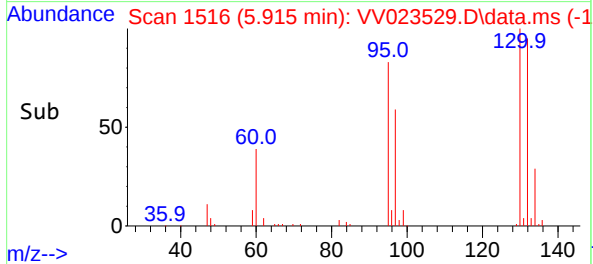
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



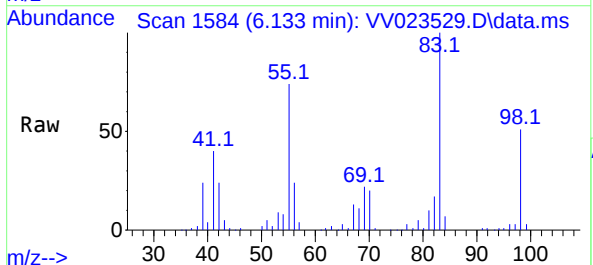
Tgt Ion: 95 Resp: 43550
Ion Ratio Lower Upper
95 100
97 65.4 45.0 83.6
132 104.8 69.7 129.4
130 110.4 73.7 136.9

Manual Integrations
APPROVED

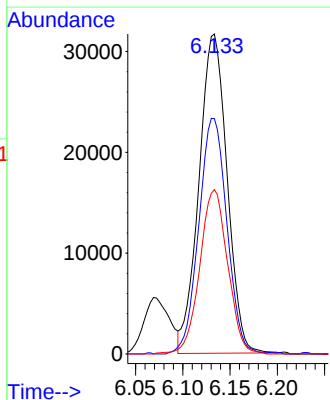
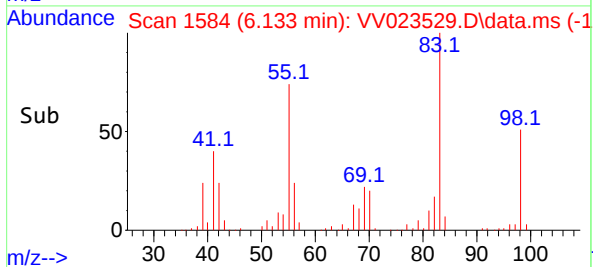
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

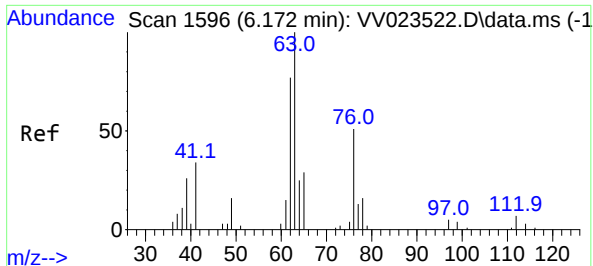


#35
Methylcyclohexane
Concen: 4.556 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12



Tgt Ion: 83 Resp: 65565
Ion Ratio Lower Upper
83 100
55 73.9 62.8 94.2
98 51.2 37.9 56.9





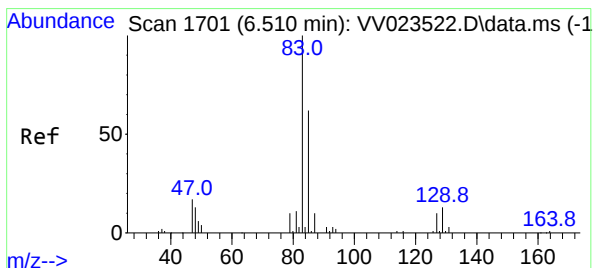
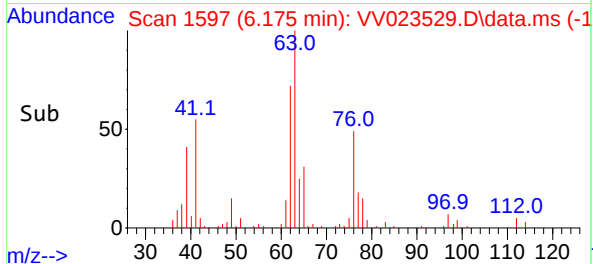
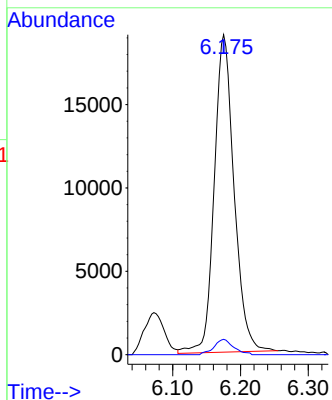
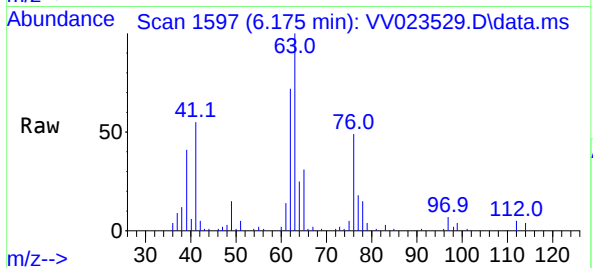
#37
1,2-Dichloropropane
Concen: 4.835 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion: 63 Resp: 38700
Ion Ratio Lower Upper
63 100
112 4.8 4.6 6.8

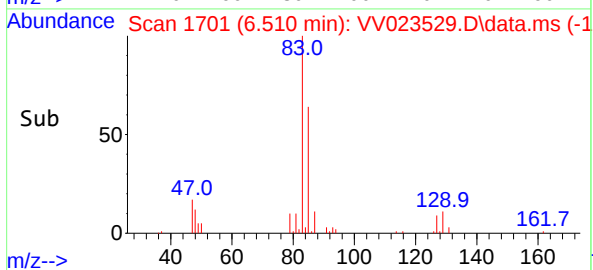
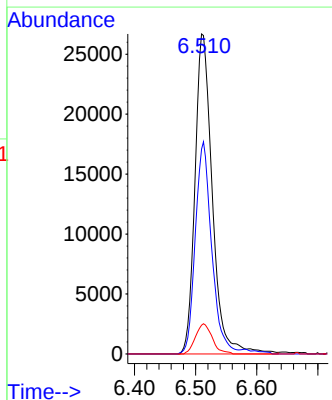
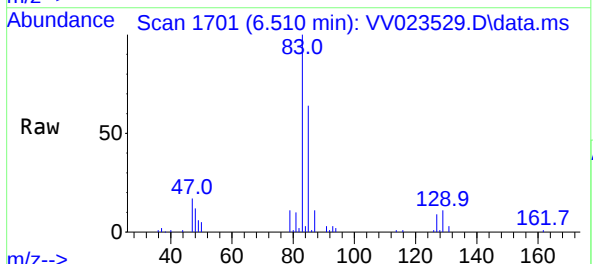
Manual Integrations
APPROVED

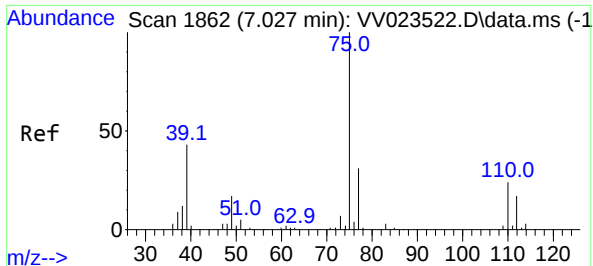
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Bromodichloromethane
Concen: 4.909 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Tgt Ion: 83 Resp: 52662
Ion Ratio Lower Upper
83 100
85 64.0 46.1 85.7
127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.877 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV023529.D

Acq: 16 Nov 2021 13:12

Instrument :

MSVOA_V

ClientSampleId :

GB8J9MS

Tgt Ion: 75 Resp: 5614

Ion Ratio Lower Upper

75 100

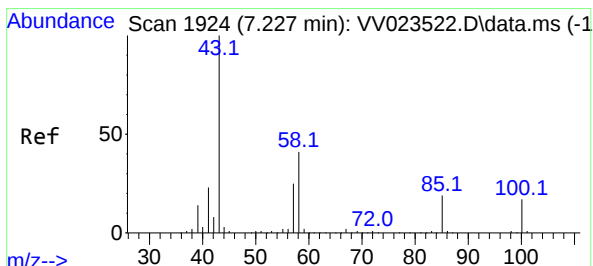
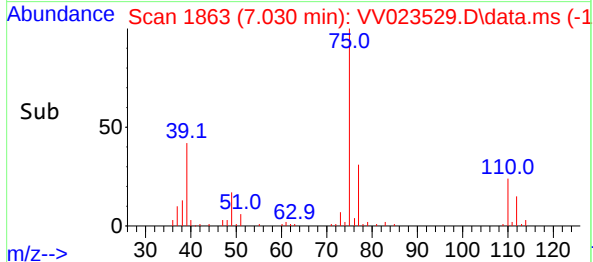
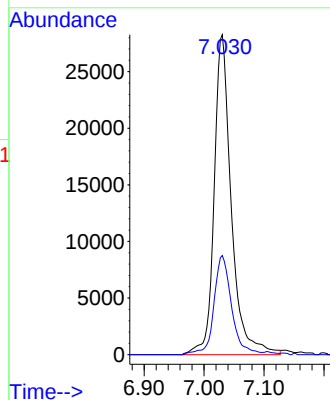
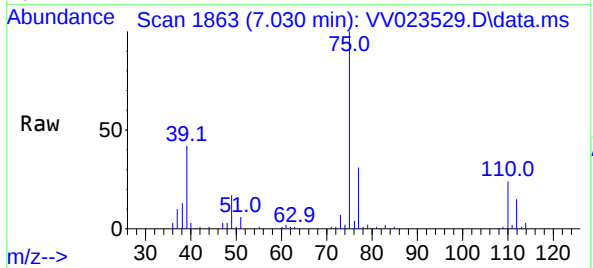
77 31.0 21.6 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#40

4-Methyl-2-pentanone

Concen: 55.122 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023529.D

Acq: 16 Nov 2021 13:12

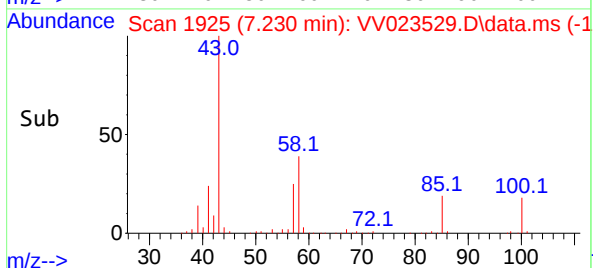
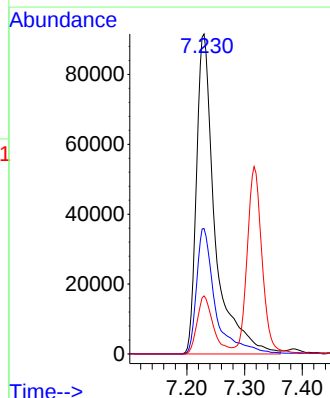
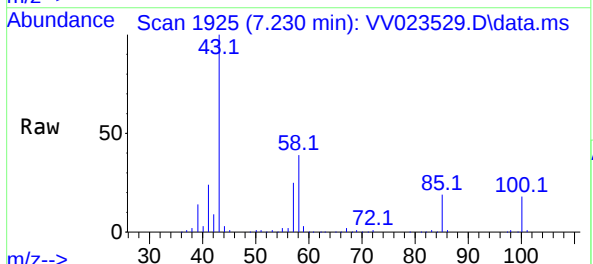
Tgt Ion: 43 Resp: 204631

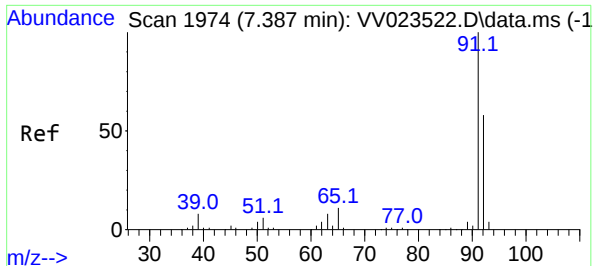
Ion Ratio Lower Upper

43 100

58 39.8 31.1 46.7

100 16.0 12.6 19.0





#42

Toluene

Concen: 5.067 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023529.D

Acq: 16 Nov 2021 13:12

Instrument :

MSVOA_V

ClientSampleId :

GB8J9MS

Tgt Ion: 91 Resp: 185799

Ion Ratio Lower Upper

91 100

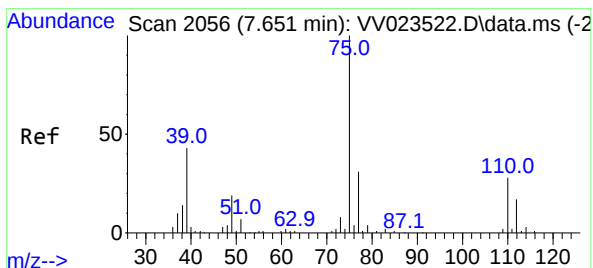
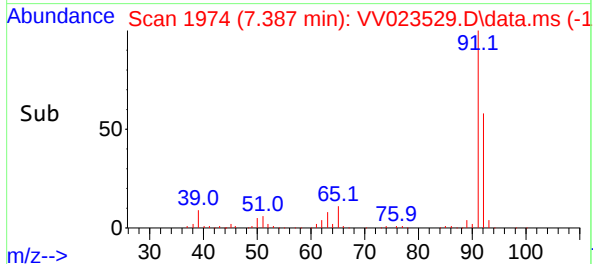
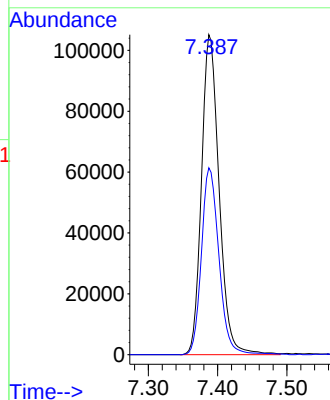
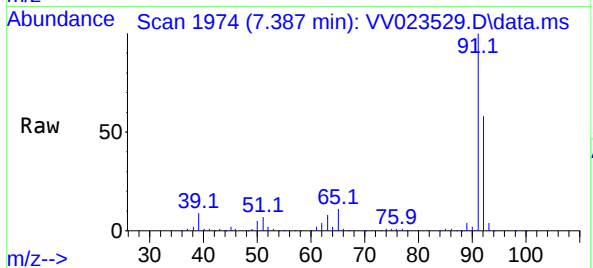
92 58.4 39.3 72.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#44

trans-1,3-Dichloropropene

Concen: 4.902 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023529.D

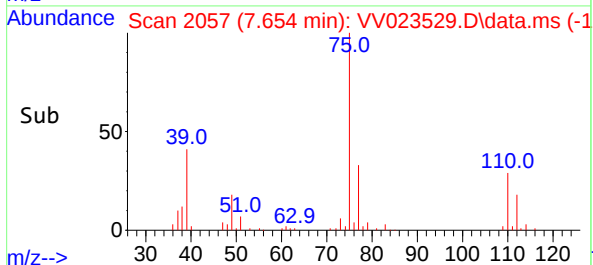
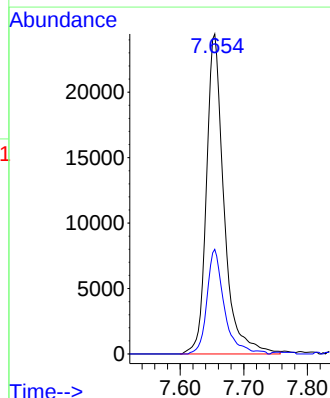
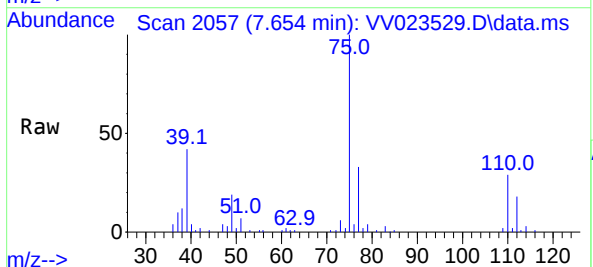
Acq: 16 Nov 2021 13:12

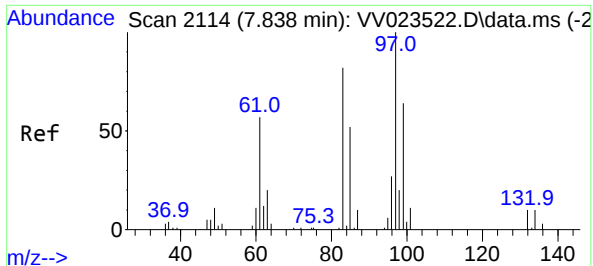
Tgt Ion: 75 Resp: 46831

Ion Ratio Lower Upper

75 100

77 32.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 4.933 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV023529.D

Acq: 16 Nov 2021 13:12

Instrument :

MSVOA_V

ClientSampleId :

GB8J9MS

Tgt Ion: 97 Resp: 2837

Ion Ratio Lower Upper

97 100

99 63.7 43.6 81.0

83 80.1 58.4 108.4

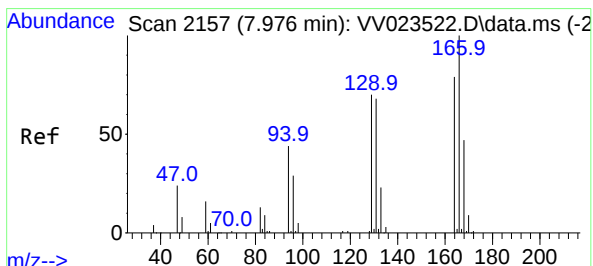
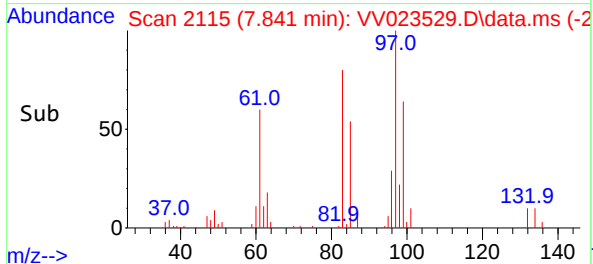
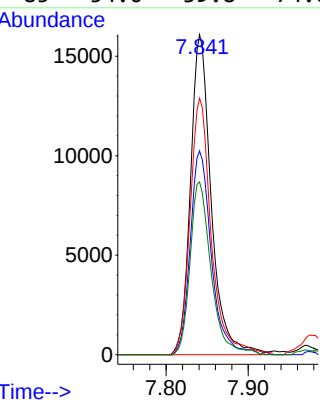
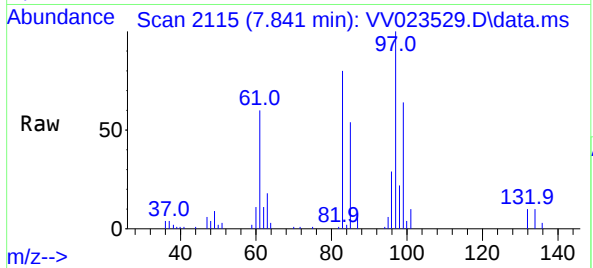
85 54.0 39.8 74.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#47

Tetrachloroethene

Concen: 9.899 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023529.D

Acq: 16 Nov 2021 13:12

Tgt Ion:164 Resp: 78220

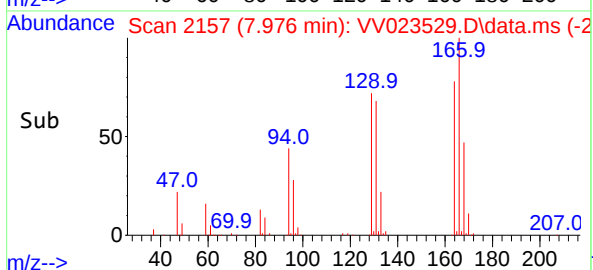
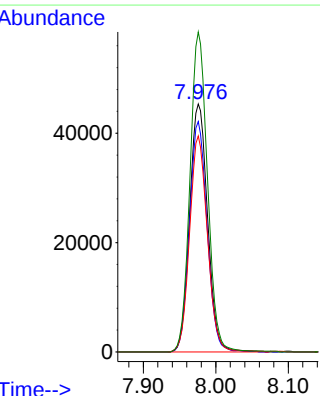
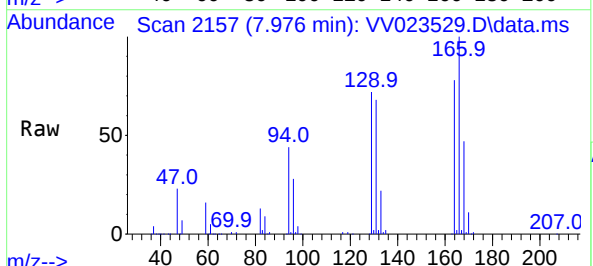
Ion Ratio Lower Upper

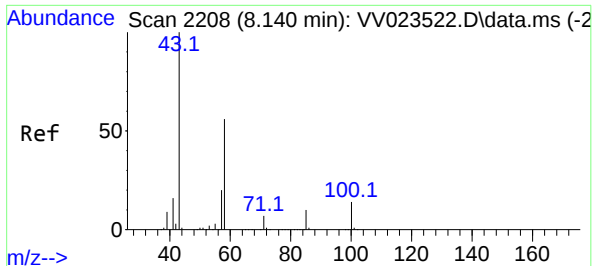
164 100

129 92.9 64.0 119.0

131 87.1 63.4 117.8

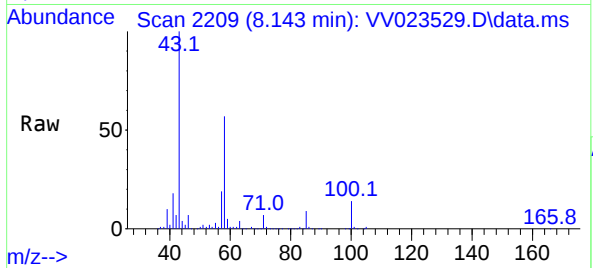
166 129.0 89.3 165.9





#48
2-Hexanone
Concen: 55.787 ug/L
RT: 8.143 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

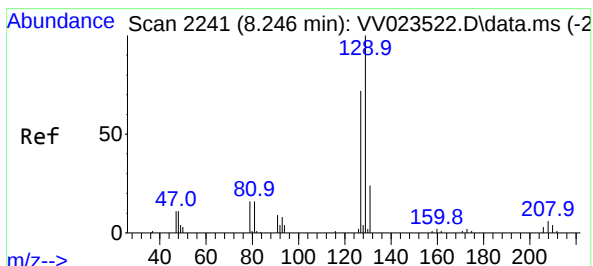
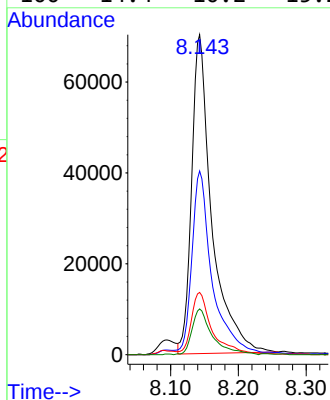
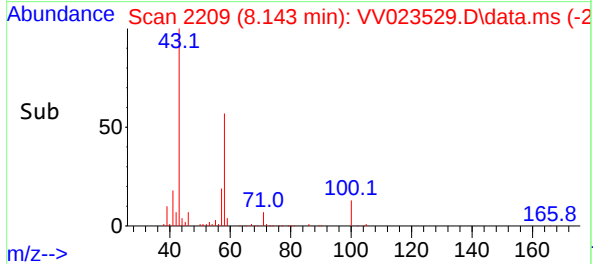
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



Tgt Ion: 43 Resp: 145110
Ion Ratio Lower Upper
43 100
58 56.4 43.7 65.5
57 19.4 14.1 21.1
100 14.4 10.2 15.2

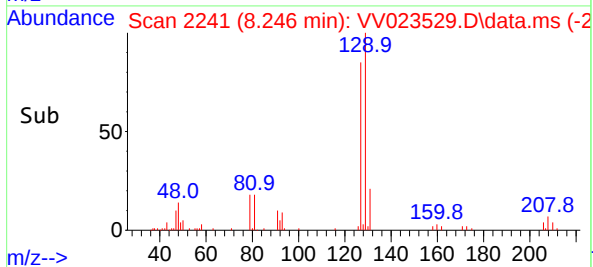
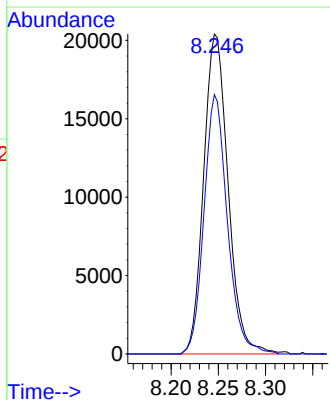
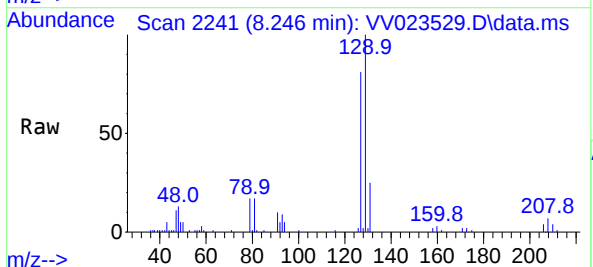
Manual Integrations
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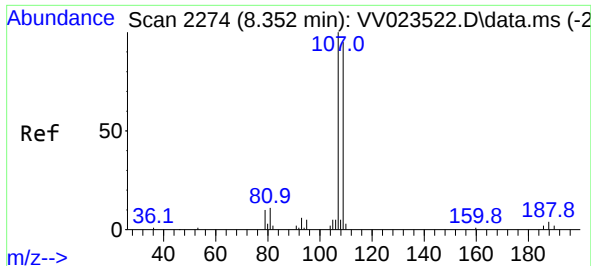
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#49
Dibromochloromethane
Concen: 5.035 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

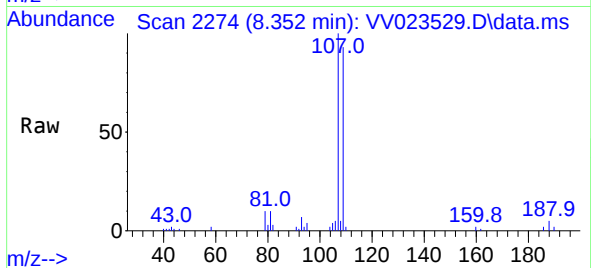
Tgt Ion:129 Resp: 36694
Ion Ratio Lower Upper
129 100
127 81.1 54.7 101.7





#50
1,2-Dibromoethane
Concen: 5.025 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

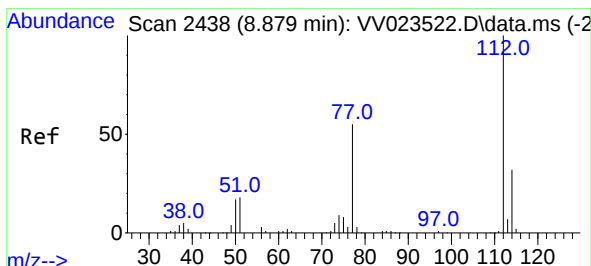
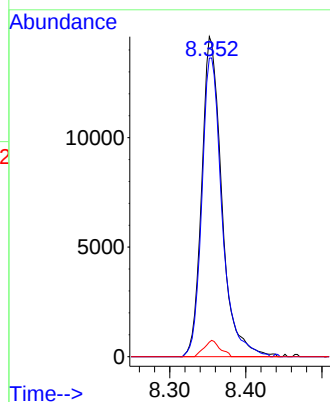
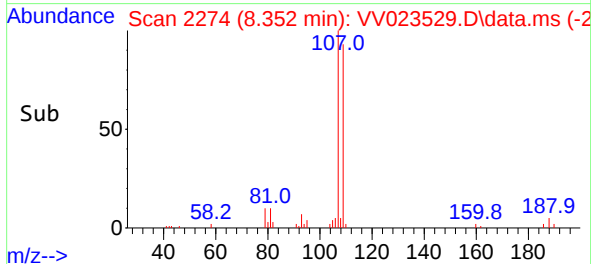
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



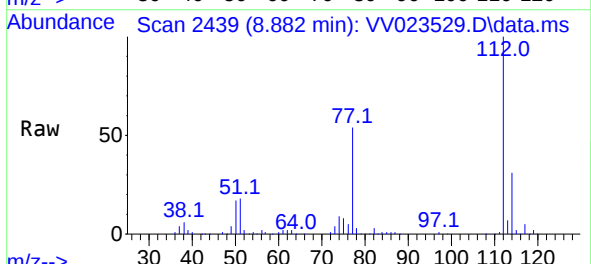
Tgt Ion:107 Resp: 26784
Ion Ratio Lower Upper
107 100
109 93.3 64.7 120.1
188 4.5 3.6 5.4

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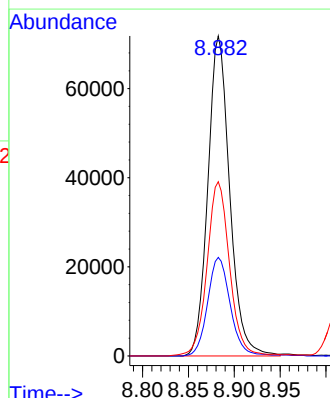
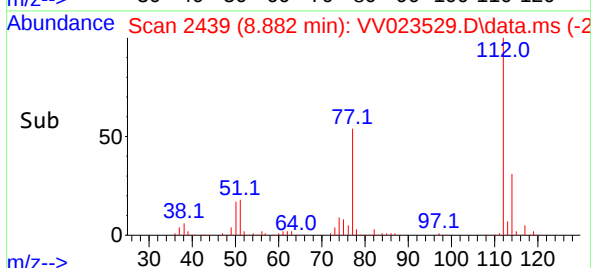
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

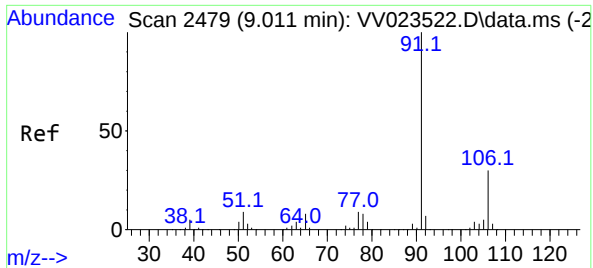


#51
Chlorobenzene
Concen: 4.885 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12



Tgt Ion:112 Resp: 119079
Ion Ratio Lower Upper
112 100
114 30.8 22.0 40.8
77 54.4 44.4 66.6





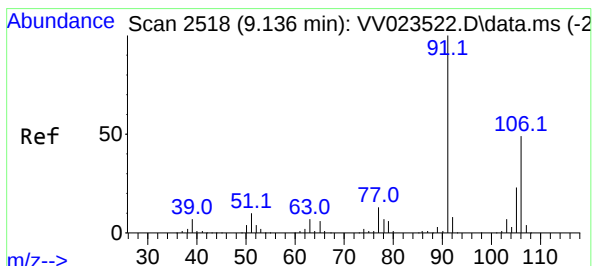
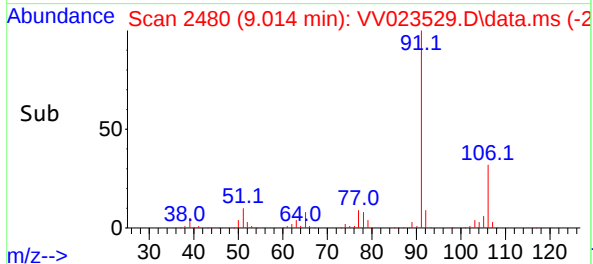
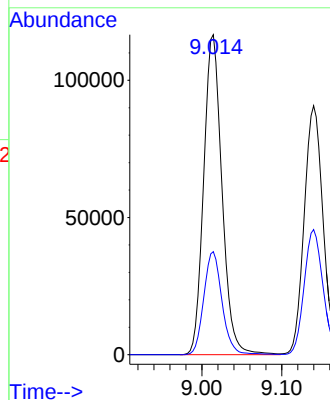
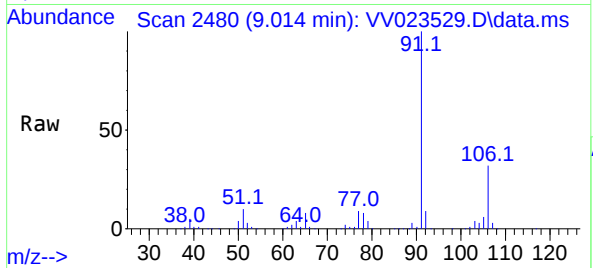
#52
Ethylbenzene
Concen: 4.809 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion: 91 Resp: 18599
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.9

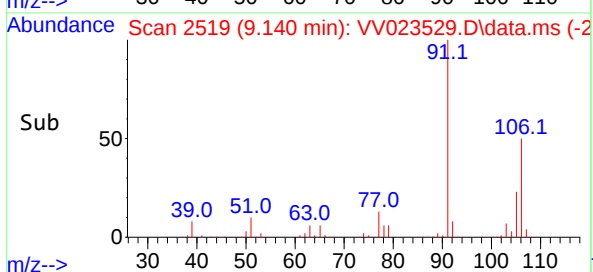
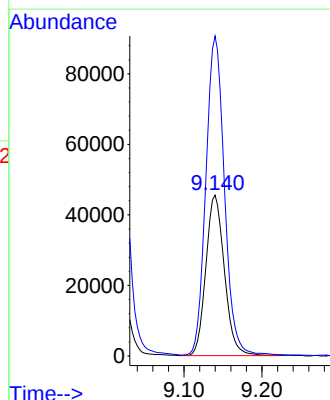
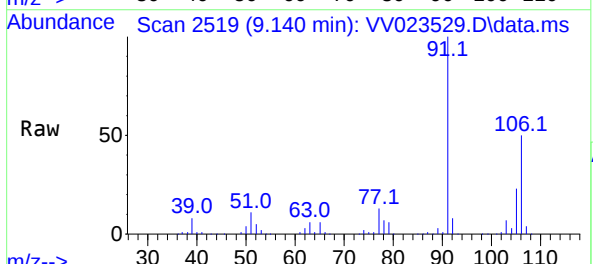
Manual Integrations
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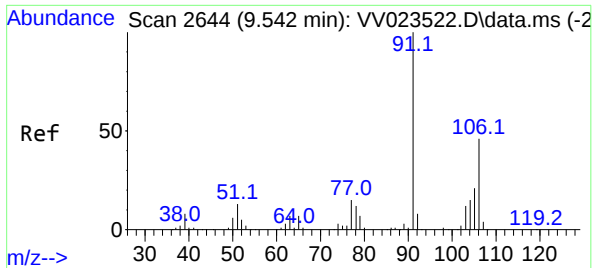
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#53
m,p-xylene
Concen: 4.958 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Tgt Ion:106 Resp: 75264
Ion Ratio Lower Upper
106 100
91 198.9 137.2 254.8





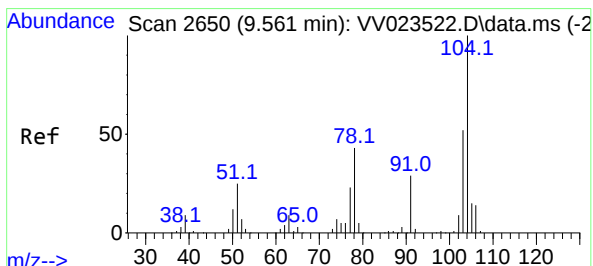
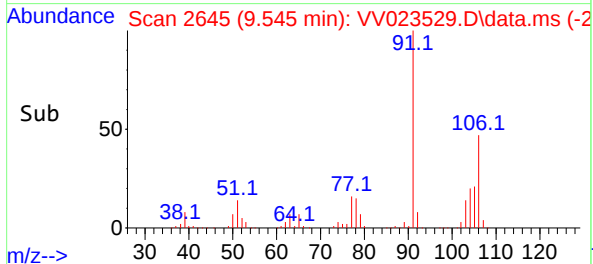
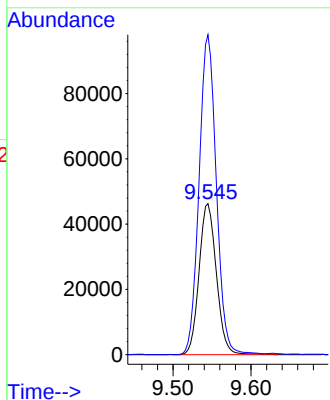
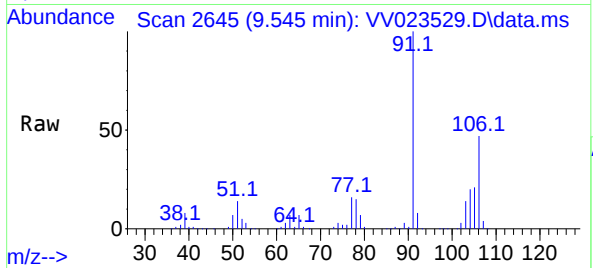
#54
o-xylene
Concen: 5.014 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion:106 Resp: 7139
Ion Ratio Lower Upper
106 100
91 211.8 148.3 275.5

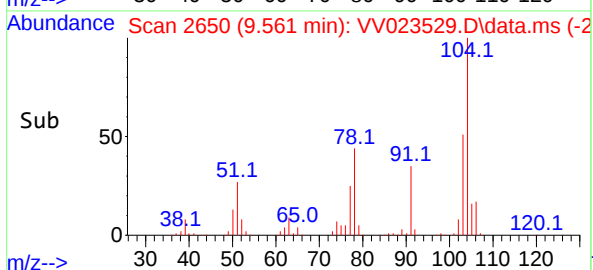
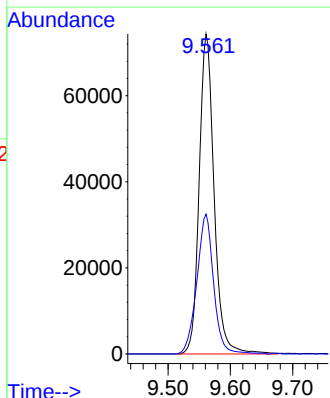
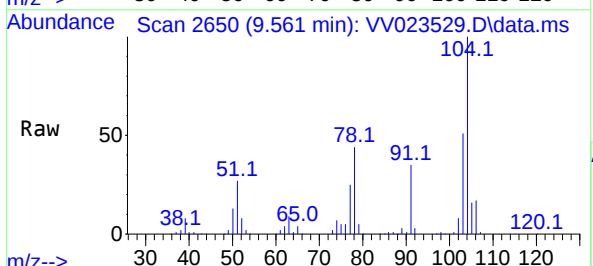
Manual Integrations
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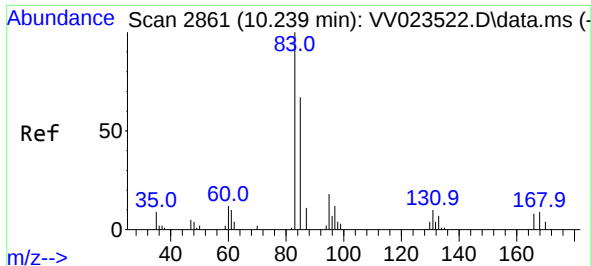
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#55
Styrene
Concen: 5.077 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Tgt Ion:104 Resp: 123863
Ion Ratio Lower Upper
104 100
78 43.7 29.3 54.3





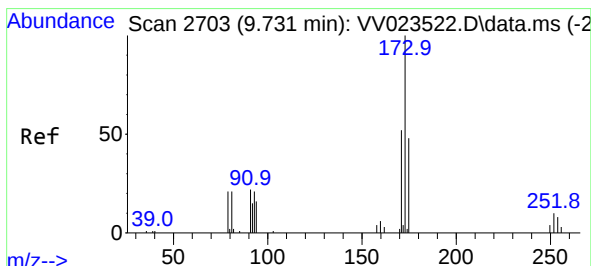
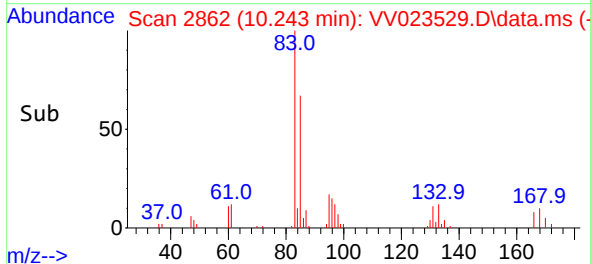
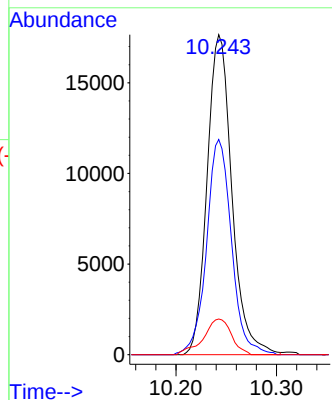
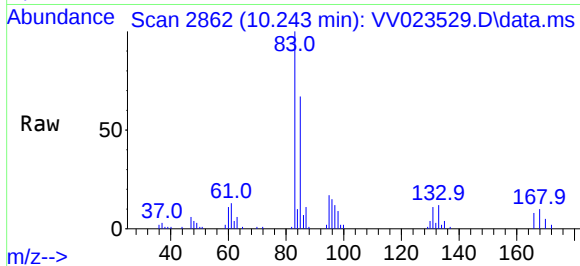
#57
1,1,2,2-Tetrachloroethane
Concen: 4.808 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion: 83 Resp: 30294
Ion Ratio Lower Upper
83 100
85 67.3 45.1 83.9
131 11.1 7.8 11.6

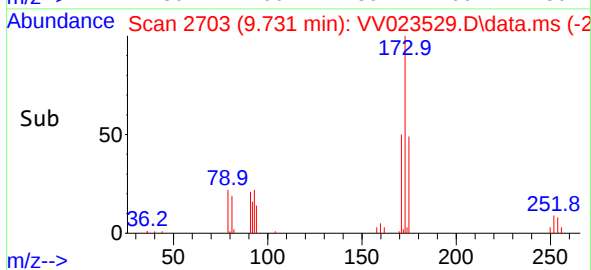
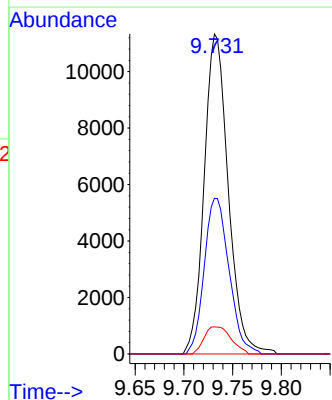
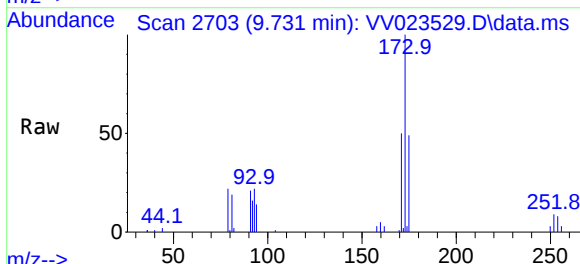
Manual Integrations
APPROVED

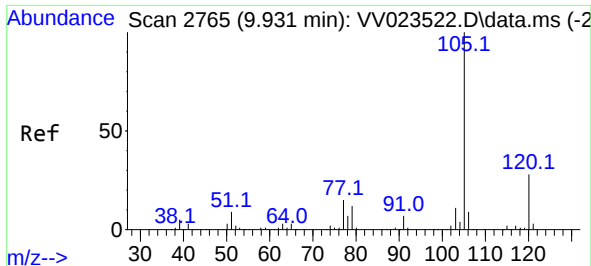
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#59
Bromoform
Concen: 4.817 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Tgt Ion:173 Resp: 19466
Ion Ratio Lower Upper
173 100
175 50.0 38.2 57.2
254 9.4 6.2 9.2#





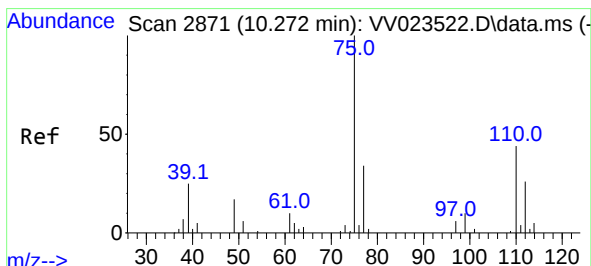
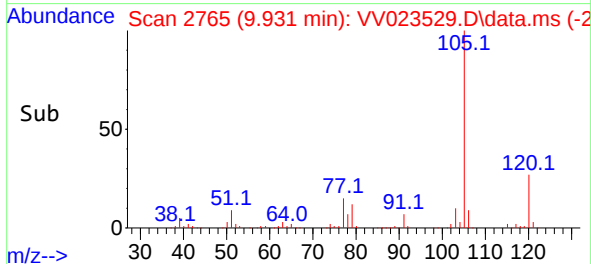
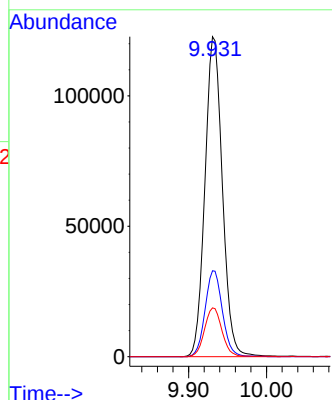
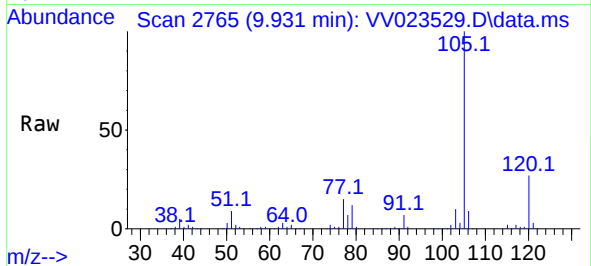
#60
Isopropylbenzene
Concen: 4.917 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion:105 Resp: 190904
Ion Ratio Lower Upper
105 100
120 26.7 21.7 32.5
77 15.3 12.6 19.0

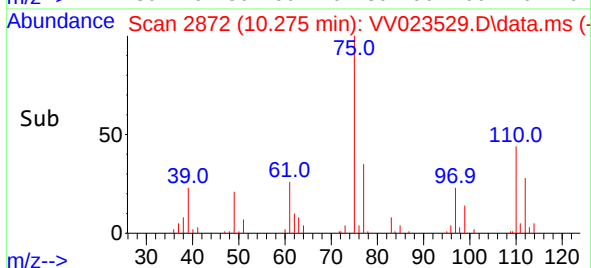
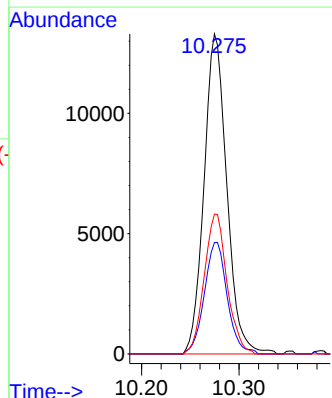
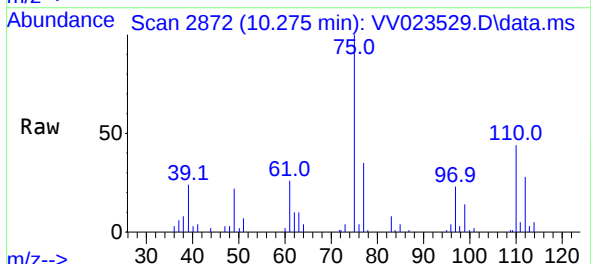
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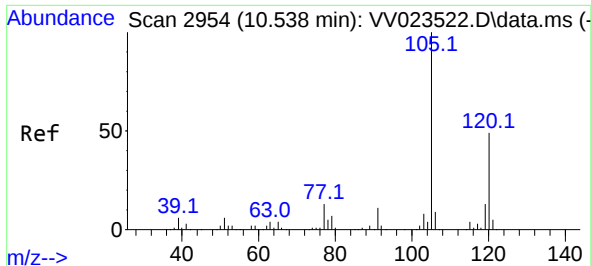
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#61
1,2,3-Trichloropropane
Concen: 4.799 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

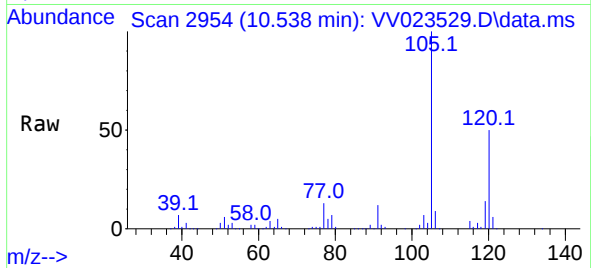
Tgt Ion: 75 Resp: 21571
Ion Ratio Lower Upper
75 100
77 35.0 26.6 39.8
110 43.8 31.8 47.6





#62
1,3,5-Trimethylbenzene
Concen: 4.846 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

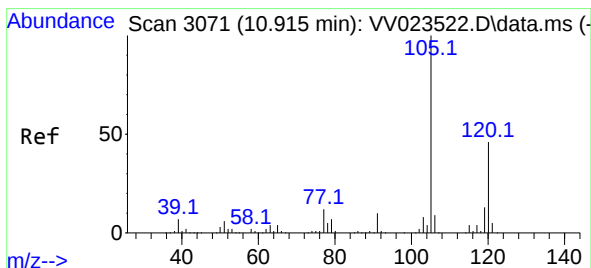
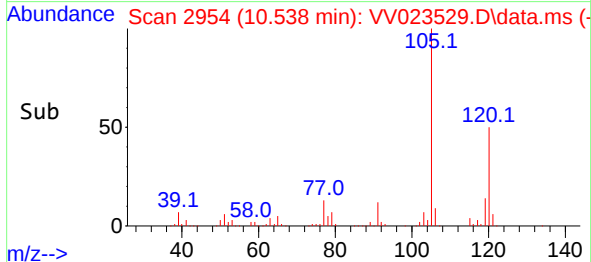
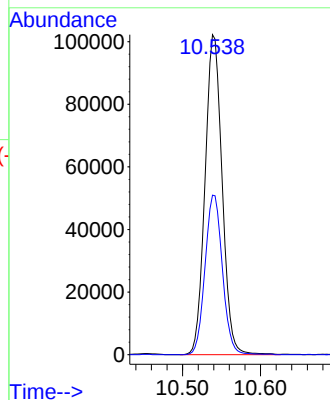
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



Tgt Ion:105 Resp: 156000
Ion Ratio Lower Upper
105 100
120 50.6 39.7 59.5

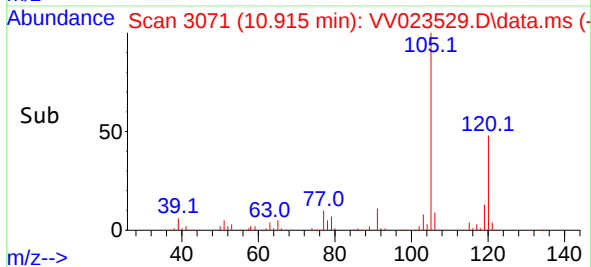
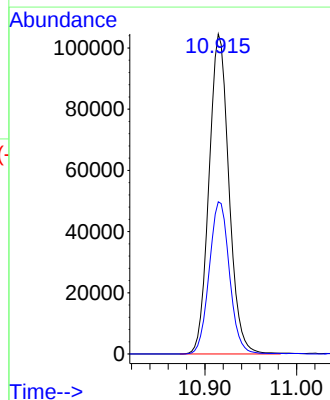
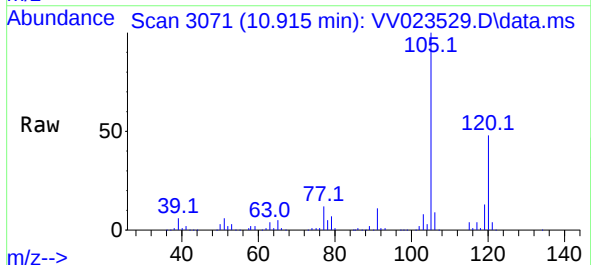
Manual Integrations
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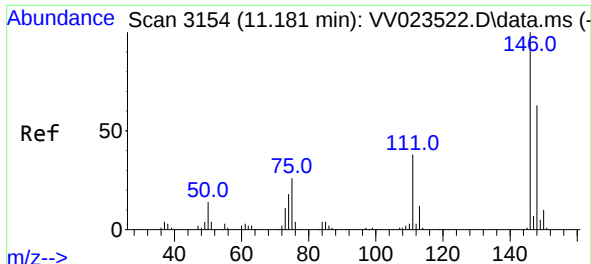
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#63
1,2,4-Trimethylbenzene
Concen: 4.922 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

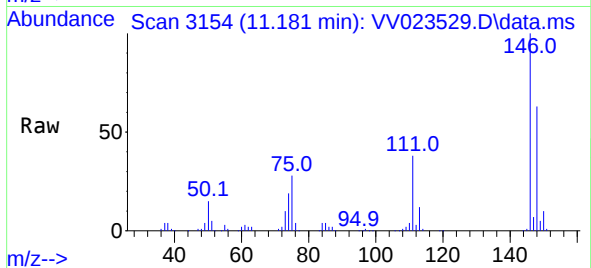
Tgt Ion:105 Resp: 157731
Ion Ratio Lower Upper
105 100
120 48.3 37.4 56.2





#64
1,3-Dichlorobenzene
Concen: 4.867 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

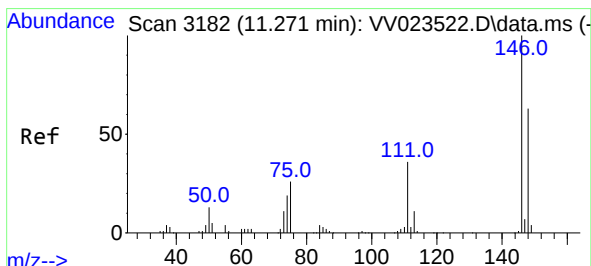
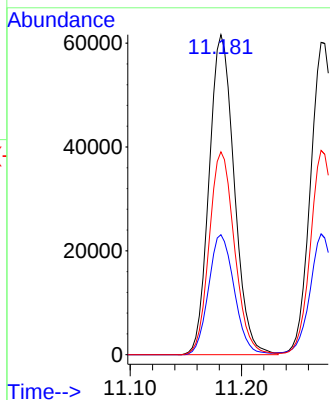
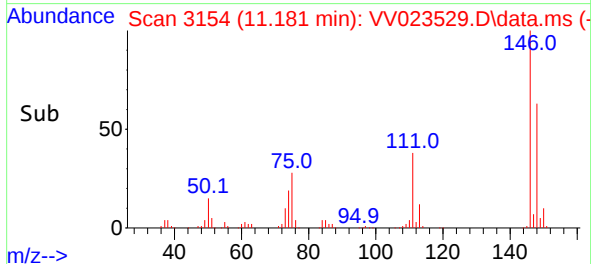
Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS



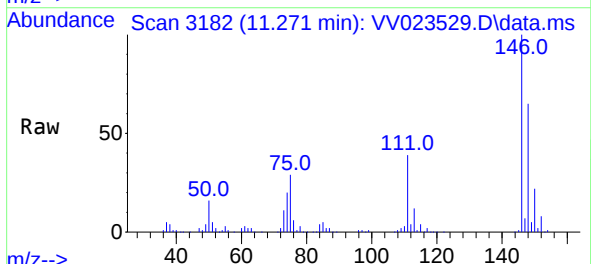
Tgt Ion:146 Resp: 9656
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.7
148 63.4 42.9 79.7

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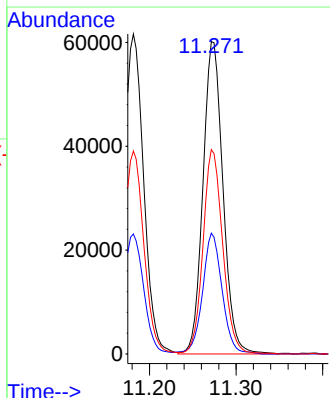
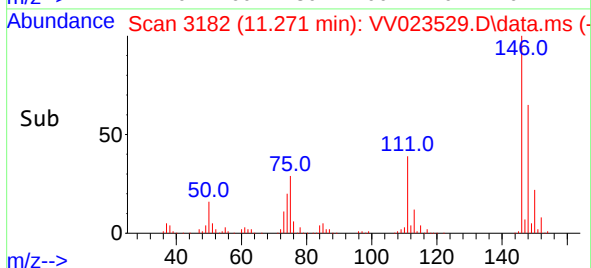
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

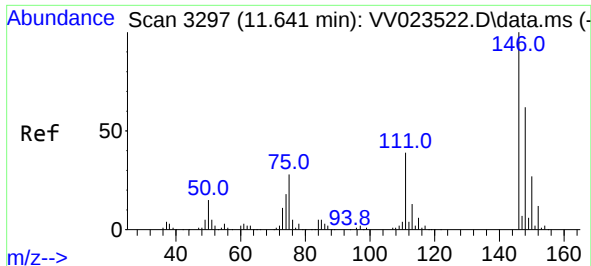


#65
1,4-Dichlorobenzene
Concen: 4.776 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12



Tgt Ion:146 Resp: 96766
Ion Ratio Lower Upper
146 100
111 38.7 26.2 48.8
148 65.4 44.4 82.5





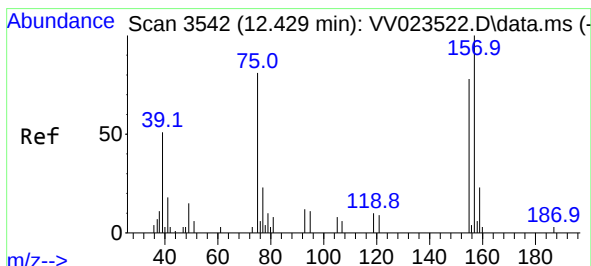
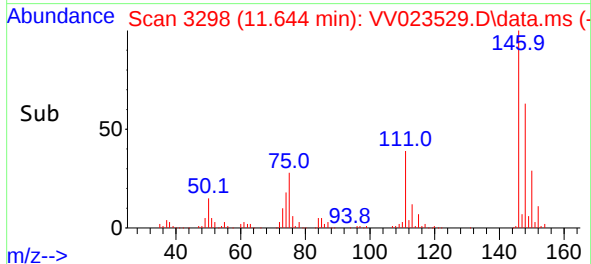
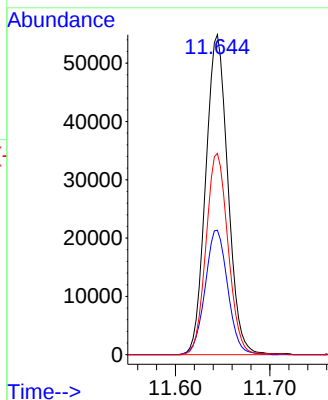
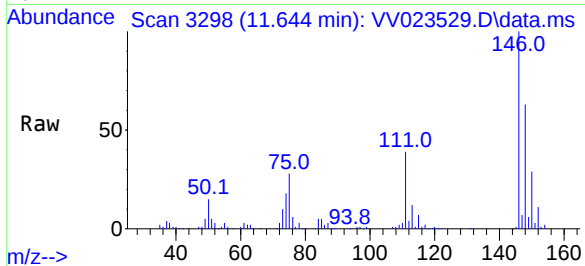
#67
1,2-Dichlorobenzene
Concen: 5.037 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion:146 Resp: 8942
Ion Ratio Lower Upper
146 100
111 38.9 31.6 47.4
148 62.9 51.0 76.6

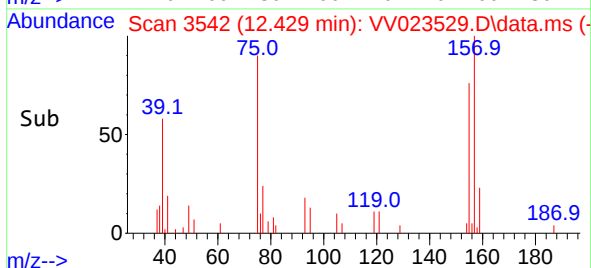
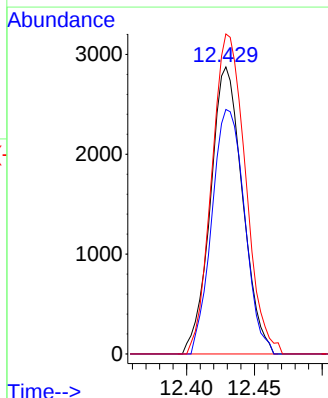
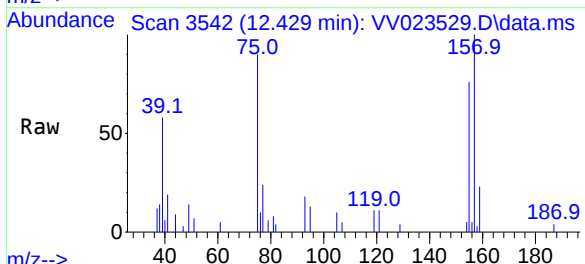
Manual Integrations
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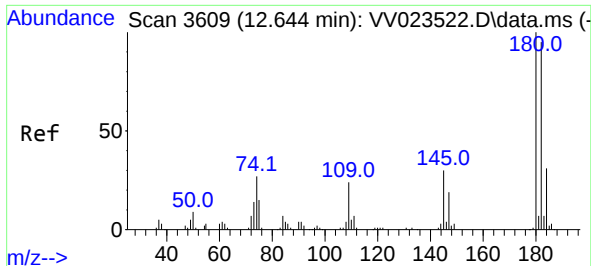
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
1,2-Dibromo-3-chloropropane
Concen: 4.960 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

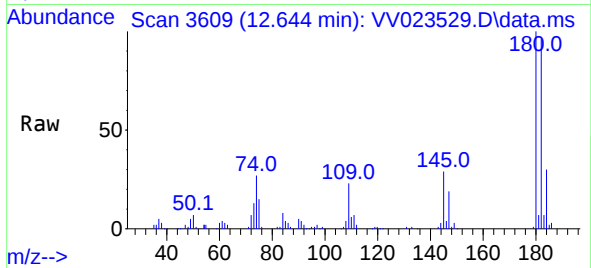
Tgt Ion: 75 Resp: 4750
Ion Ratio Lower Upper
75 100
155 85.1 67.7 101.5
157 111.5 87.9 131.9





#69
 1,3,5-Trichlorobenzene
 Concen: 4.656 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023529.D
 Acq: 16 Nov 2021 13:12

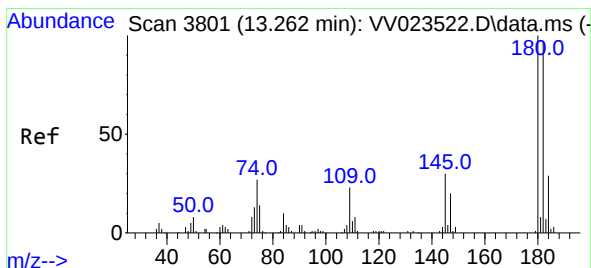
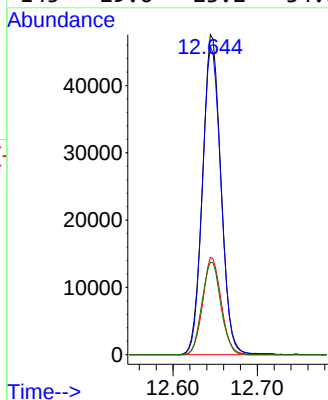
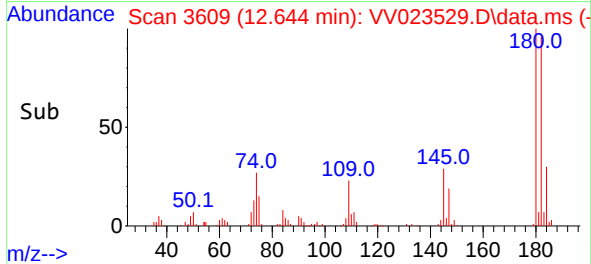
Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J9MS



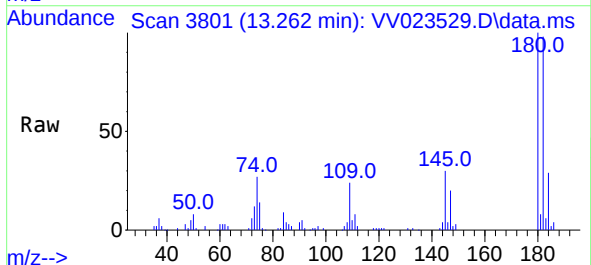
Tgt Ion:180 Resp: 72310
 Ion Ratio Lower Upper
 180 100
 182 97.0 74.9 112.3
 184 30.4 23.8 35.8
 145 29.6 23.2 34.8

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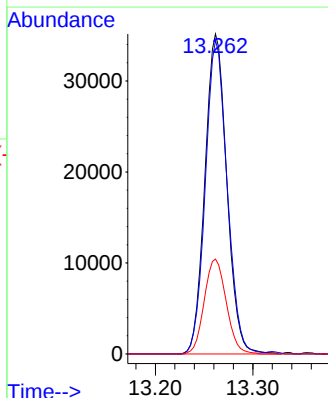
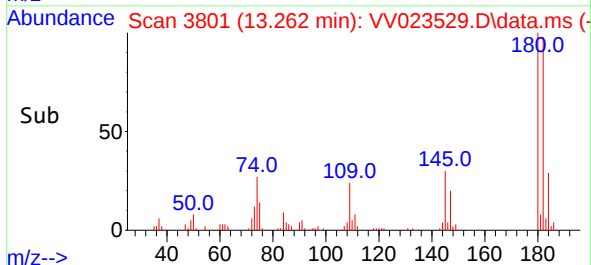
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

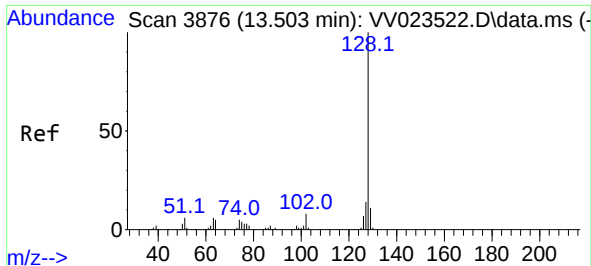


#70
 1,2,4-trichlorobenzene
 Concen: 4.407 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023529.D
 Acq: 16 Nov 2021 13:12



Tgt Ion:180 Resp: 54818
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.9 115.3
 145 29.7 24.4 36.6





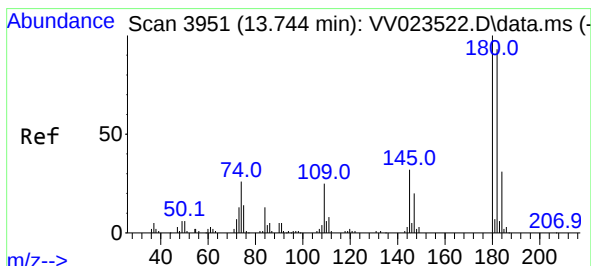
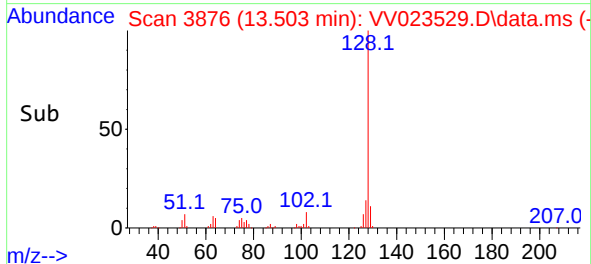
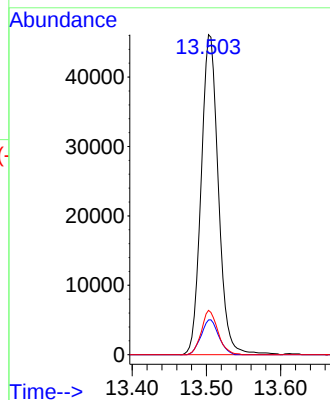
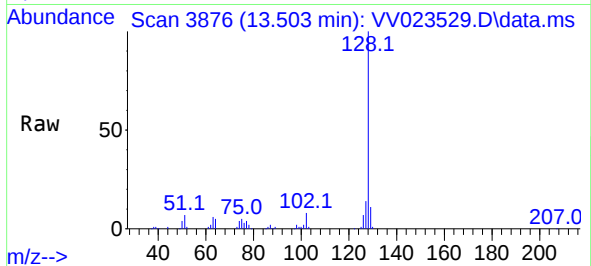
#71
Naphthalene
Concen: 4.046 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Instrument :
MSVOA_V
ClientSampleId :
GB8J9MS

Tgt Ion:128 Resp: 74204
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.5 15.7

Manual Integrations
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Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,2,3-Trichlorobenzene
Concen: 4.596 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023529.D
Acq: 16 Nov 2021 13:12

Tgt Ion:180 Resp: 50025
Ion Ratio Lower Upper
180 100
182 94.8 76.7 115.1
145 31.7 25.7 38.5

