

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029469.D
 Acq On : 08 Dec 2022 13:52
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 02:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	494189	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	462214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	243660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99548	32.895	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.800%		
7) Chloroethane-d5	1.561	69	91984	39.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.720%		
11) 1,1-Dichloroethene-d2	2.104	63	141304	29.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.880%#		
21) 2-Butanone-d5	3.866	46	206031	111.605	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.610%		
24) Chloroform-d	4.339	84	249845	43.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.740%		
26) 1,2-Dichloroethane-d4	5.024	65	156774	48.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.400%		
32) Benzene-d6	5.043	84	521550	42.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.400%		
36) 1,2-Dichloropropane-d6	6.063	67	171040	45.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.700%		
41) Toluene-d8	7.307	98	471026	40.932	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.860%		
43) trans-1,3-Dichloroprop...	7.612	79	80444	42.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.400%		
47) 2-Hexanone-d5	8.082	63	168533	105.793	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.790%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	257100	48.227	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.460%		
66) 1,2-Dichlorobenzene-d4	11.612	152	207696	44.778	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	8195	2.105	ug/L	94
3) Chloromethane	1.240	50	9833	2.216	ug/L	96
5) Vinyl chloride	1.307	62	8014	2.158	ug/L #	65
6) Bromomethane	1.516	94	4519	3.025	ug/L	90
8) Chloroethane	1.580	64	4817	2.330	ug/L	99
9) Trichlorofluoromethane	1.751	101	10431	2.244	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7364	2.851	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	7105	2.690	ug/L #	1
13) Acetone	2.159	43	7528	6.260	ug/L	98
14) Carbon disulfide	2.291	76	18756	2.133	ug/L	98
15) Methyl Acetate	2.429	43	7188	2.623	ug/L	99
16) Methylene chloride	2.500	84	10525	3.205	ug/L	92
17) trans-1,2-Dichloroethene	2.760	96	6566	2.157	ug/L	87
18) Methyl tert-butyl Ether	2.764	73	23356	2.505	ug/L	98
19) 1,1-Dichloroethane	3.185	63	12712	2.438	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	8274	2.472	ug/L	94
22) 2-Butanone	3.982	43	11724m	6.127	ug/L	
23) Bromochloromethane	4.249	128	4168	2.418	ug/L	97
25) Chloroform	4.368	83	14285	2.643	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	9407	2.463	ug/L	96
29) Cyclohexane	4.667	56	11169	2.231	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	10843	2.153	ug/L	94
31) Carbon tetrachloride	4.821	117	9165	2.084	ug/L	99
33) Benzene	5.098	78	29225	2.243	ug/L	100
34) Trichloroethene	5.911	95	7172	2.197	ug/L	98
35) Methylcyclohexane	6.124	83	12774	2.304	ug/L	94
37) 1,2-Dichloropropane	6.172	63	7881	2.506	ug/L	99
38) Bromodichloromethane	6.506	83	9766	2.250	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	11050	2.137	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	18950	5.054	ug/L	96
42) Toluene	7.384	91	32143	2.292	ug/L	95
44) trans-1,3-Dichloropropene	7.648	75	9359	1.911	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	7720	2.376	ug/L	94
46) Tetrachloroethene	7.969	164	6283	2.394	ug/L	90
48) 2-Hexanone	8.140	43	16696	5.829	ug/L	96
49) Dibromochloromethane	8.239	129	7972	2.223	ug/L	99
50) 1,2-Dibromoethane	8.349	107	8110	2.423	ug/L	99
51) Chlorobenzene	8.873	112	20921	2.356	ug/L	95
52) Ethylbenzene	9.005	91	32251	2.188	ug/L	99
53) m,p-Xylene	9.133	106	12870	2.206	ug/L	99
54) o-Xylene	9.535	106	12204	2.114	ug/L	99
55) Styrene	9.558	104	21262	2.120	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.233	83	14152	2.723	ug/L	99
59) Bromoform	9.722	173	5959	2.214	ug/L	94
60) Isopropylbenzene	9.921	105	31909	2.231	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	10249	2.725	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	26765	2.116	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	27601	2.201	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	16450	2.352	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	17923	2.521	ug/L	92
67) 1,2-Dichlorobenzene	11.631	146	17459	2.441	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.413	75	2940	2.515	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	12401	2.228	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	11757	2.375	ug/L	97
71) Naphthalene	13.496	128	24653	2.196	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	11335	2.338	ug/L	97

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

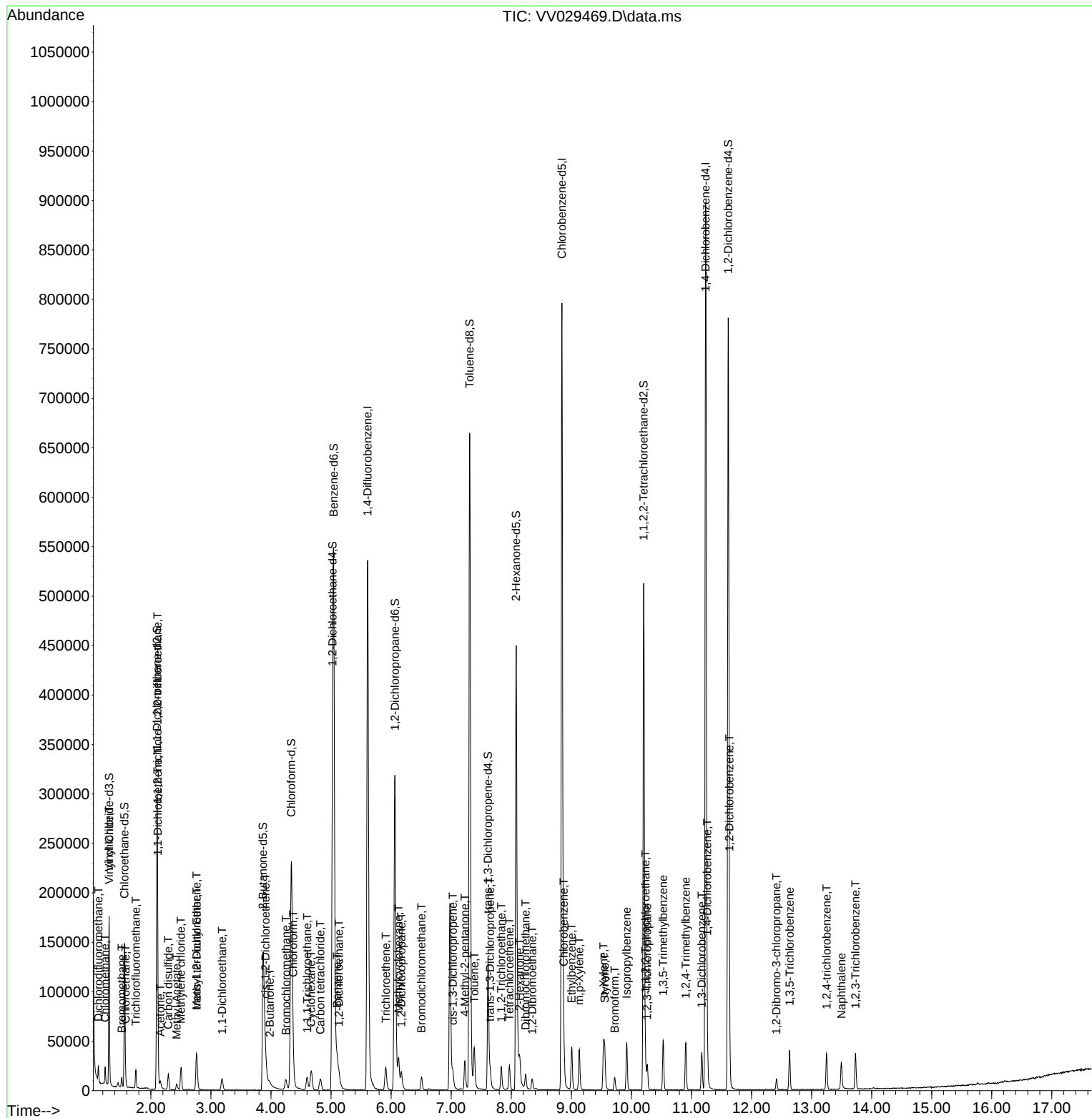
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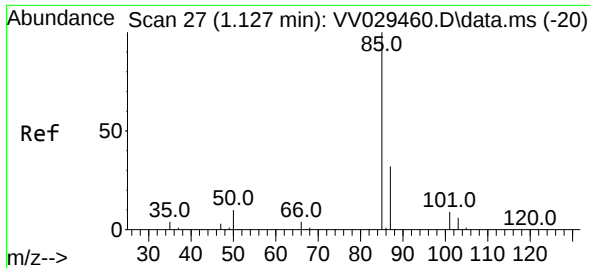
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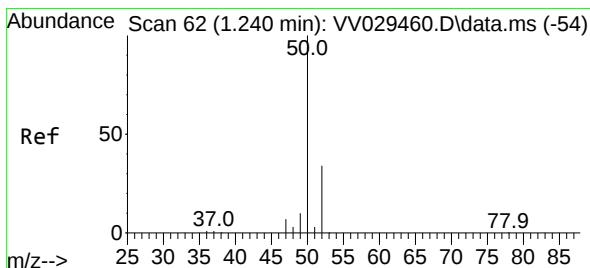
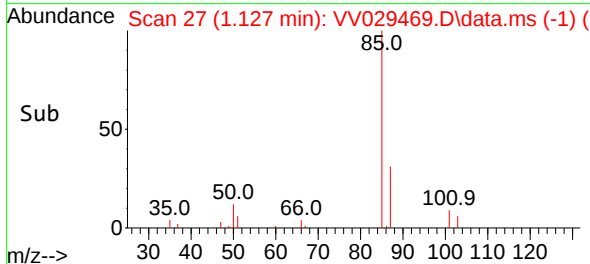
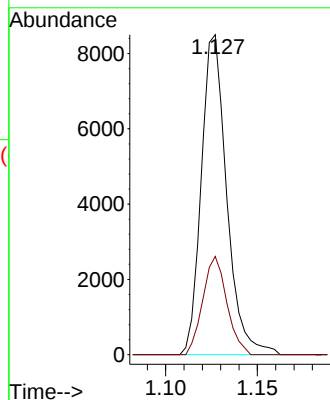
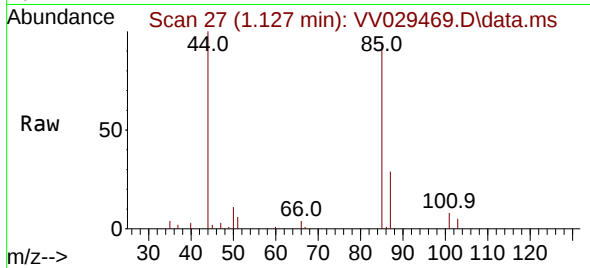
#2
Dichlorodifluoromethane
Concen: 2.105 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 85 Resp: 819
Ion Ratio Lower Upper
85 100
87 29.0 25.9 38.9

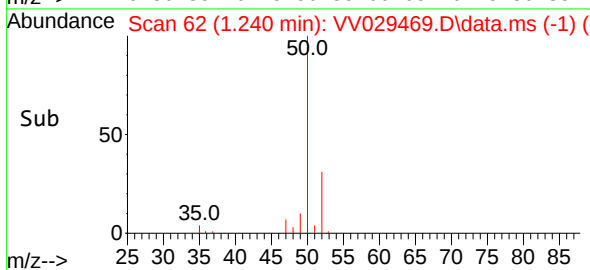
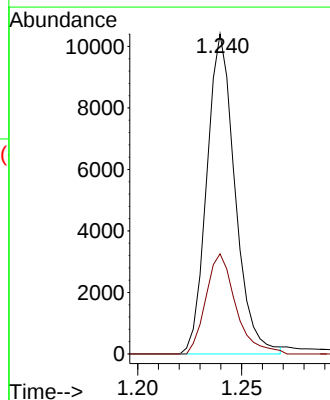
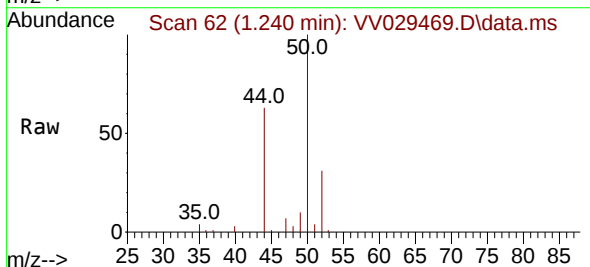
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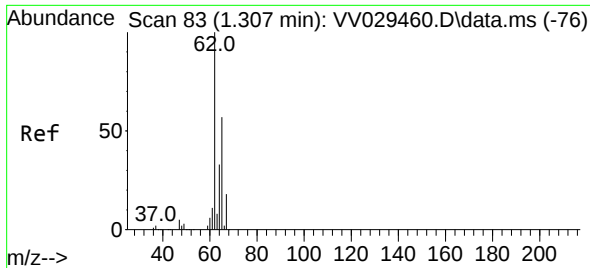
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#3
Chloromethane
Concen: 2.216 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 50 Resp: 9833
Ion Ratio Lower Upper
50 100
52 31.3 23.3 43.3





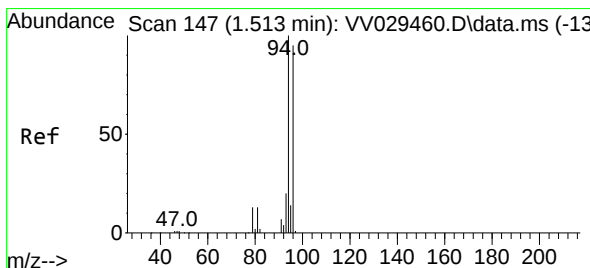
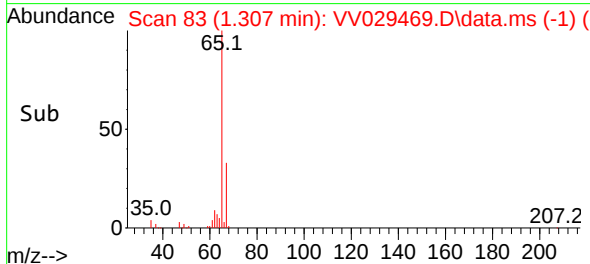
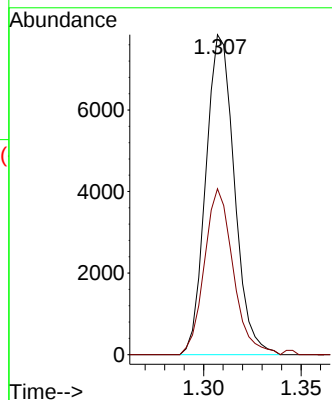
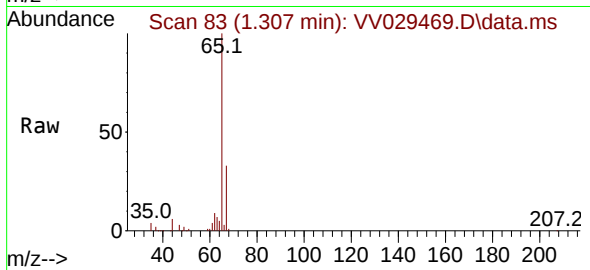
#5
 Vinyl chloride
 Concen: 2.158 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tgt Ion: 62 Resp: 8014
 Ion Ratio Lower Upper
 62 100
 64 51.8 22.5 41.9

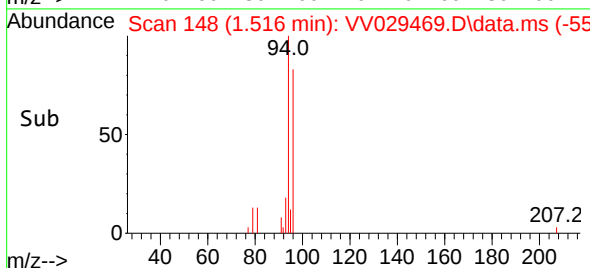
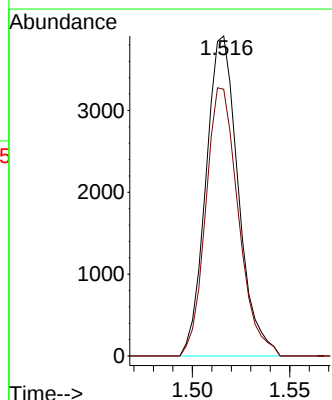
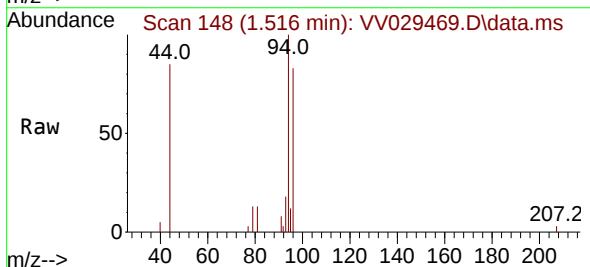
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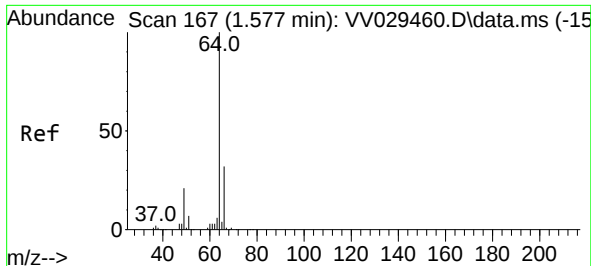
Reviewed By :Krupa Patel 12/09/2022
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#6
 Bromomethane
 Concen: 3.025 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52

Tgt Ion: 94 Resp: 4519
 Ion Ratio Lower Upper
 94 100
 96 83.4 65.1 120.9





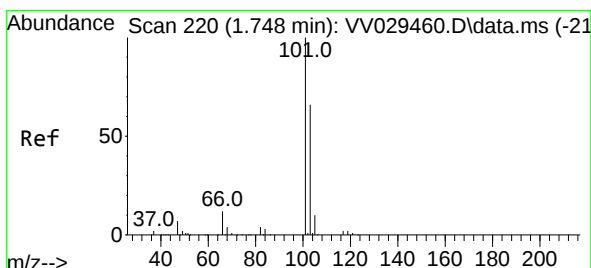
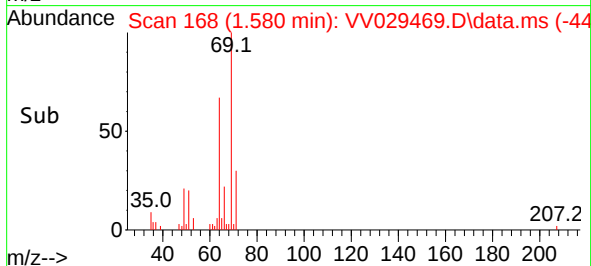
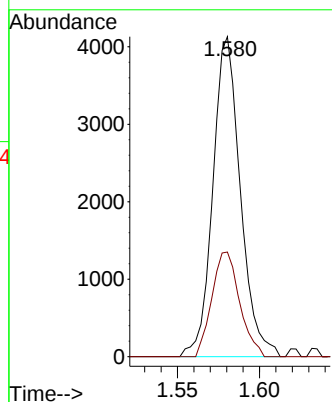
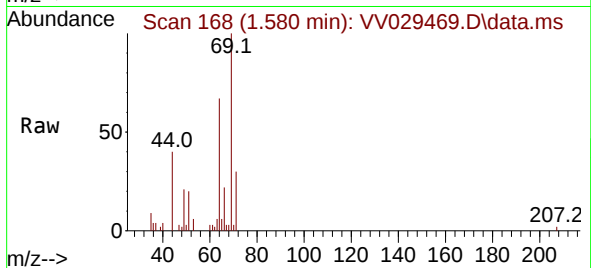
#8
Chloroethane
Concen: 2.330 ug/L
RT: 1.580 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
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Tgt Ion: 64 Resp: 481
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.9

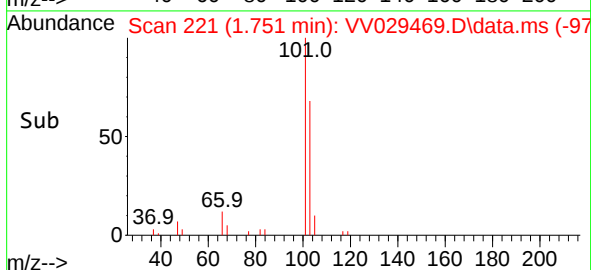
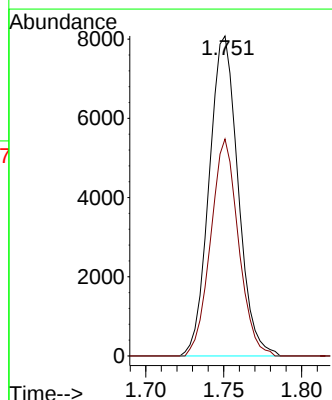
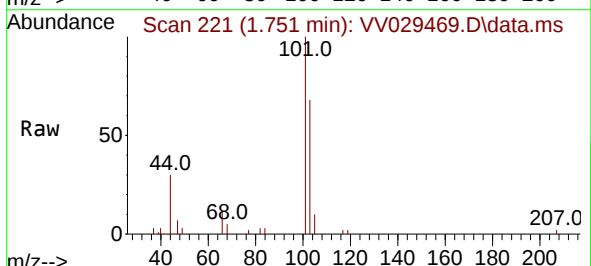
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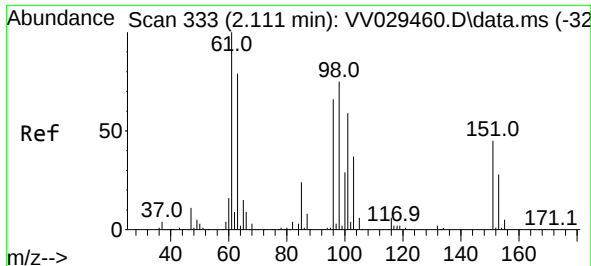
Reviewed By :Krupa Patel 12/09/2022
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#9
Trichlorofluoromethane
Concen: 2.244 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029469.D
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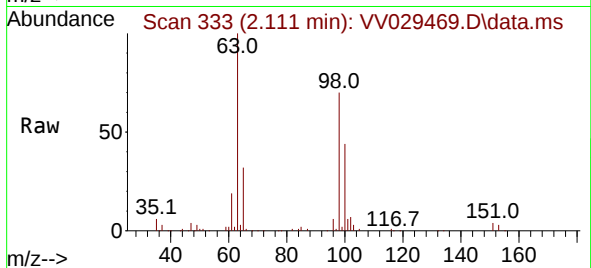
Tgt Ion:101 Resp: 10431
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.851 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

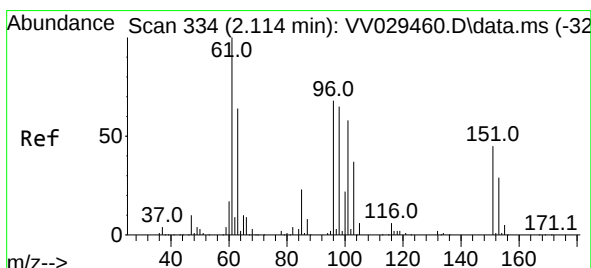
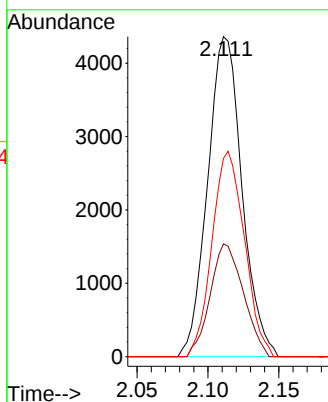
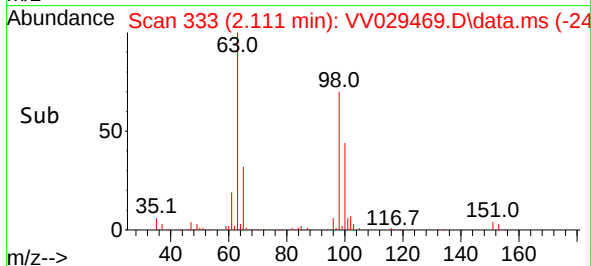
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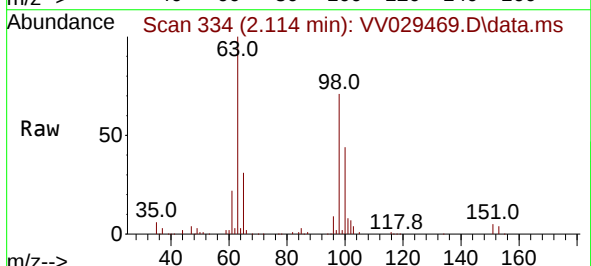
Tgt Ion:101 Resp: 7364
Ion Ratio Lower Upper
101 100
85 34.0 33.6 50.4
151 60.6 63.5 95.3

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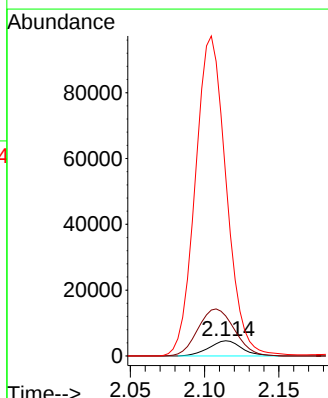
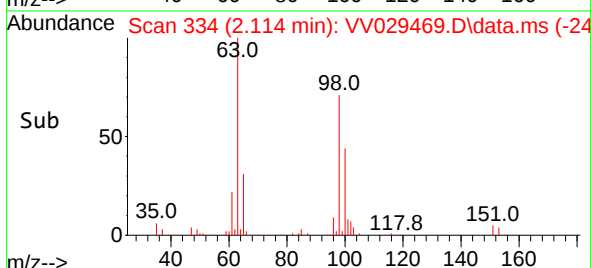
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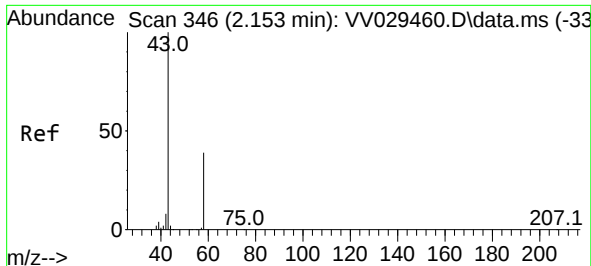


#12
1,1-Dichloroethene
Concen: 2.690 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52



Tgt Ion: 96 Resp: 7105
Ion Ratio Lower Upper
96 100
61 262.0 103.3 191.9#
63 1174.3 77.3 143.7#





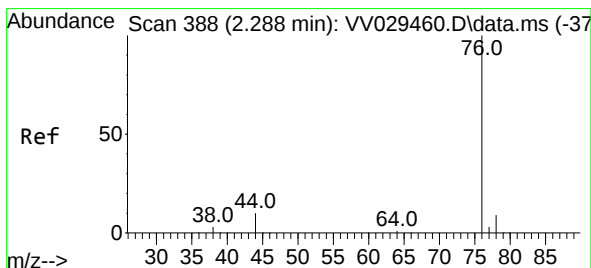
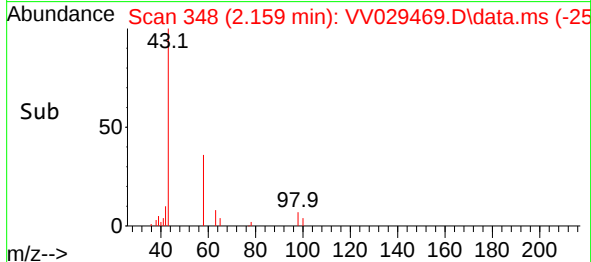
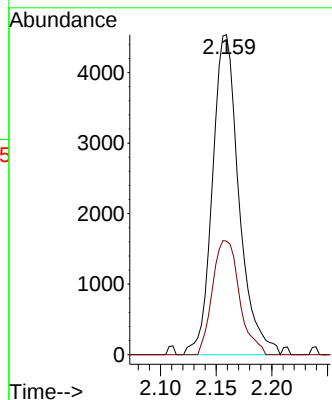
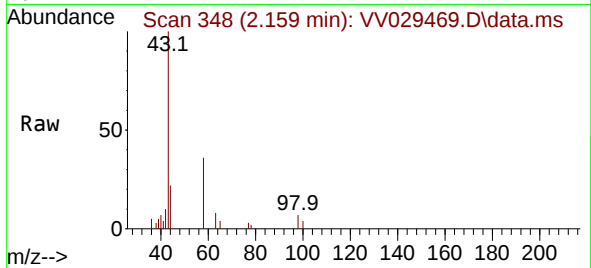
#13
Acetone
Concen: 6.260 ug/L
RT: 2.159 min Scan# 346
Delta R.T. 0.003 min
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Tgt Ion: 43 Resp: 7528
Ion Ratio Lower Upper
43 100
58 36.2 0.0 74.8

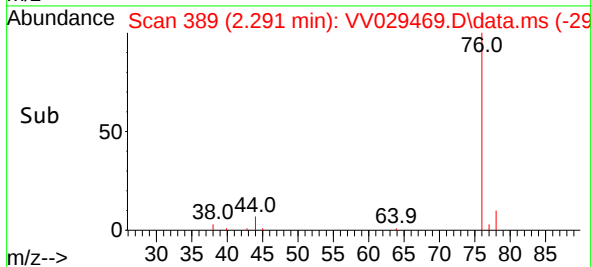
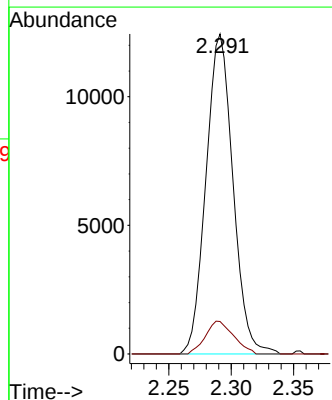
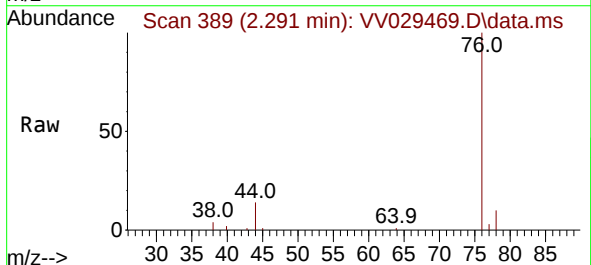
Manual Integrations
APPROVED

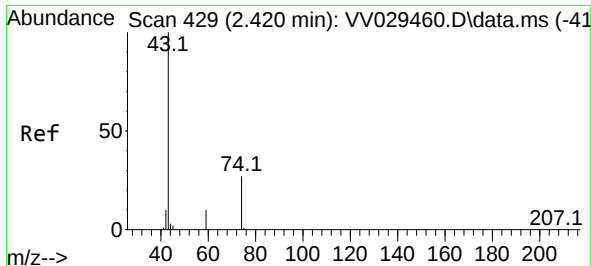
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#14
Carbon disulfide
Concen: 2.133 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 76 Resp: 18756
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2





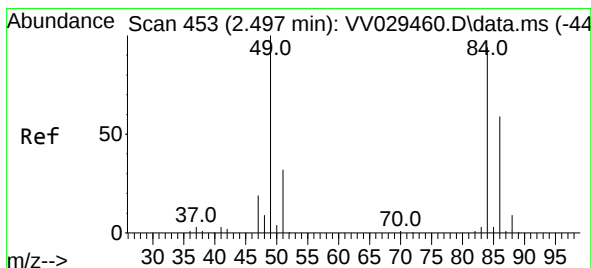
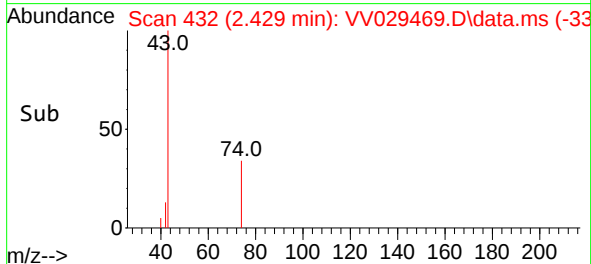
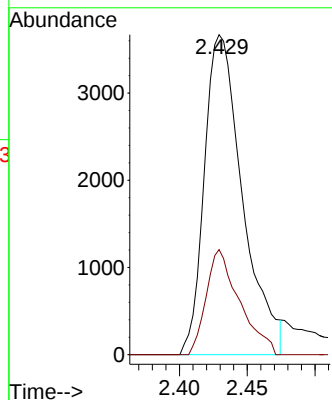
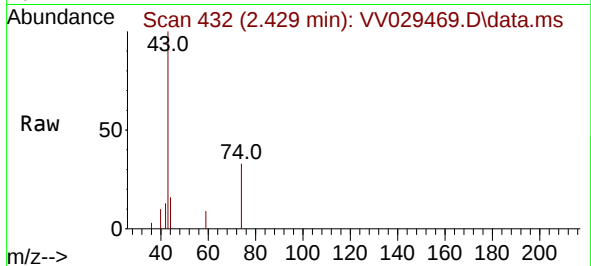
#15
Methyl Acetate
Concen: 2.623 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
74 28.6 23.5 35.3

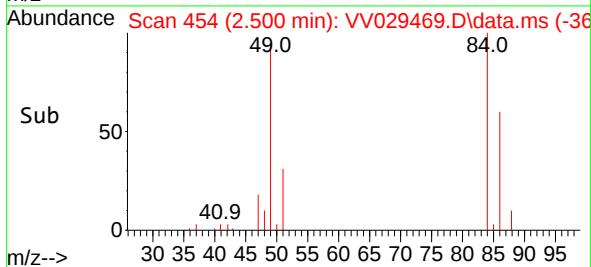
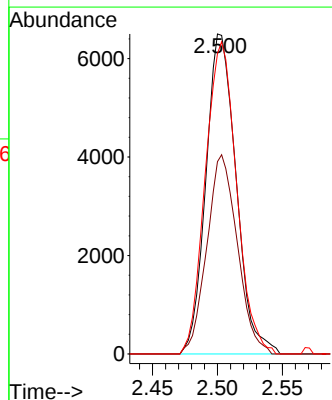
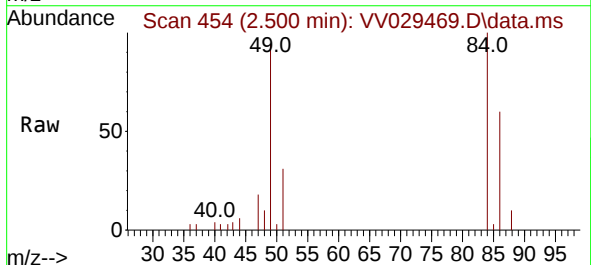
Manual Integrations
APPROVED

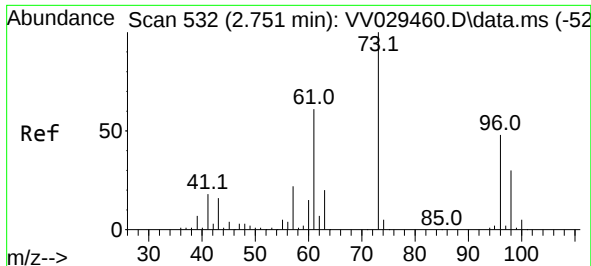
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#16
Methylene chloride
Concen: 3.205 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

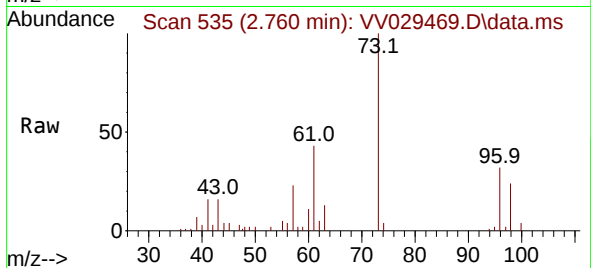
Tgt Ion: 84 Resp: 10525
Ion Ratio Lower Upper
84 100
86 60.1 46.0 85.4
49 93.9 72.2 134.0





#17
trans-1,2-Dichloroethene
Concen: 2.157 ug/L
RT: 2.760 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

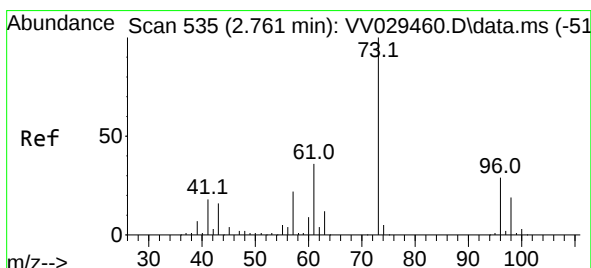
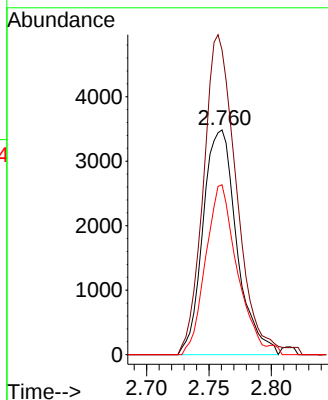
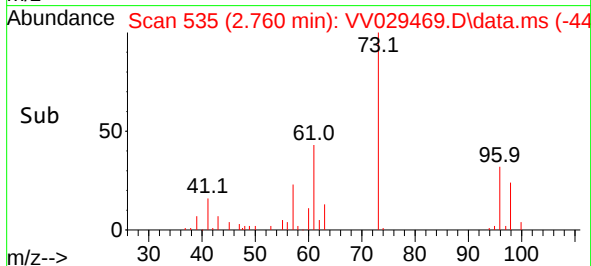
Instrument :
MSVOA_V
ClientSampleId :
MDL05



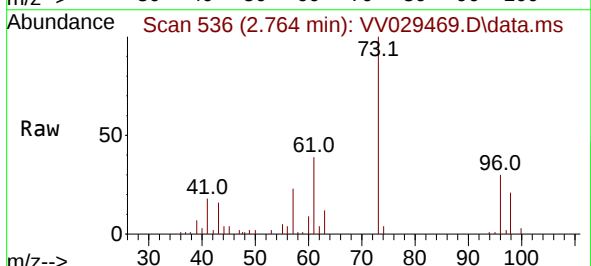
Tgt Ion: 96 Resp: 6560
Ion Ratio Lower Upper
96 100
61 135.5 86.4 160.4
98 75.6 43.4 80.6

Manual Integrations
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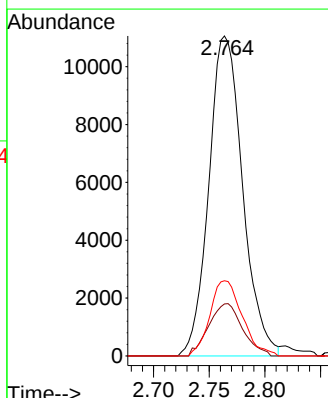
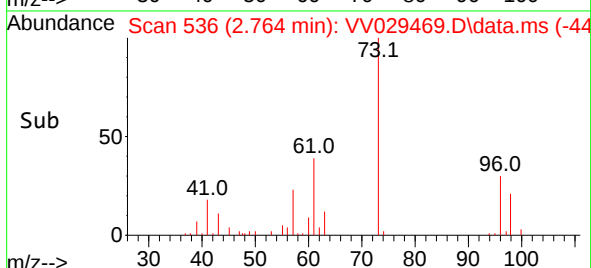
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

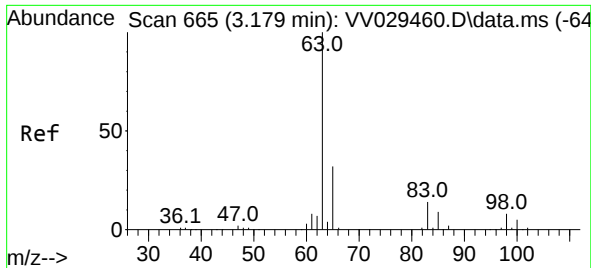


#18
Methyl tert-butyl Ether
Concen: 2.505 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52



Tgt Ion: 73 Resp: 23356
Ion Ratio Lower Upper
73 100
43 16.4 12.7 19.1
57 22.4 16.7 25.1





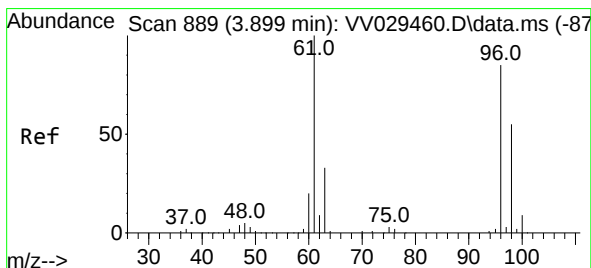
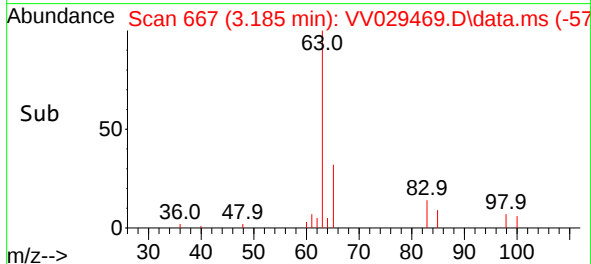
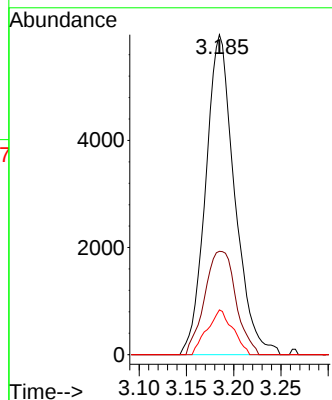
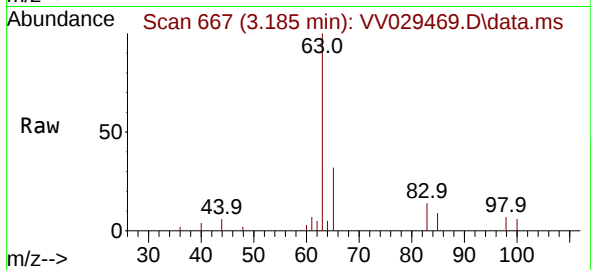
#19
1,1-Dichloroethane
Concen: 2.438 ug/L
RT: 3.185 min Scan# 612
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 12712
Ion Ratio Lower Upper
63 100
65 32.3 22.5 41.7
83 14.0 10.4 19.2

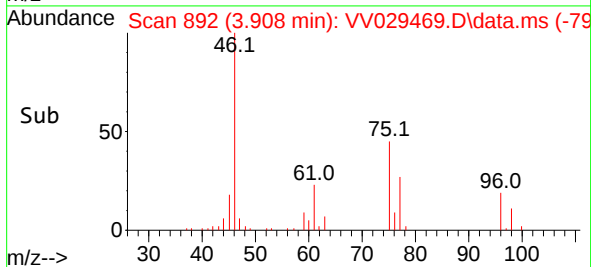
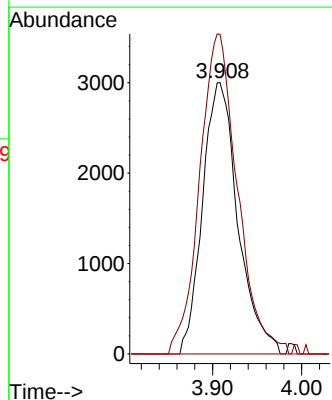
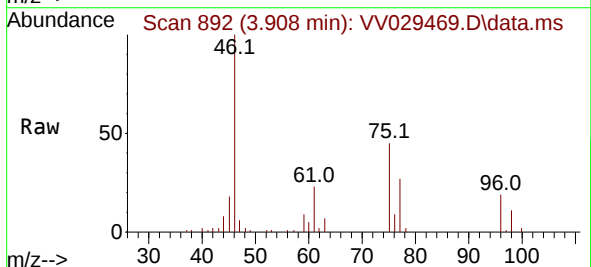
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APPROVED

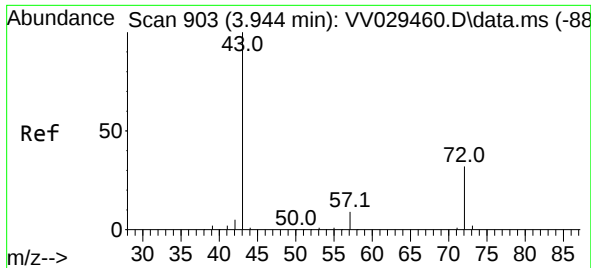
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#20
cis-1,2-Dichloroethene
Concen: 2.472 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

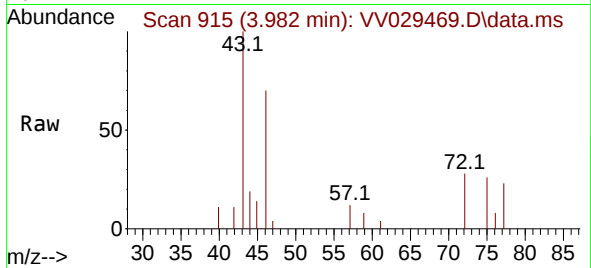
Tgt Ion: 96 Resp: 8274
Ion Ratio Lower Upper
96 100
61 117.8 78.0 144.9
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 6.127 ug/L m
RT: 3.982 min Scan# 915
Delta R.T. 0.029 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

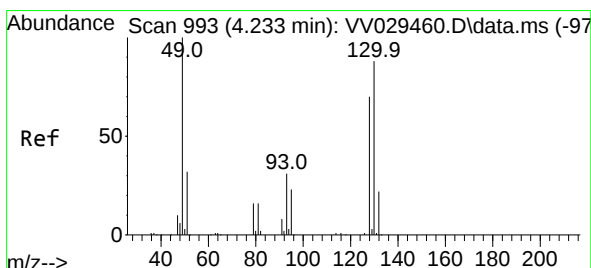
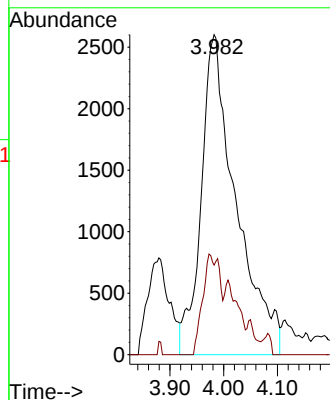
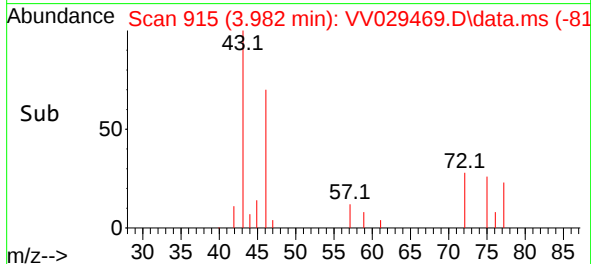
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 11724
Ion Ratio Lower Upper
43 100
72 0.0 15.9 47.6

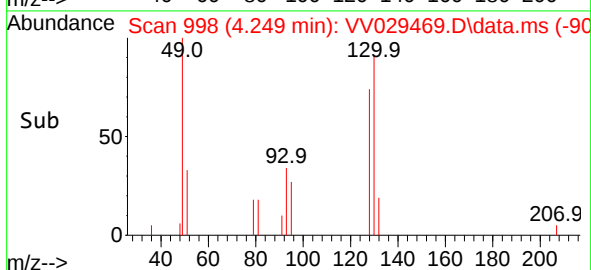
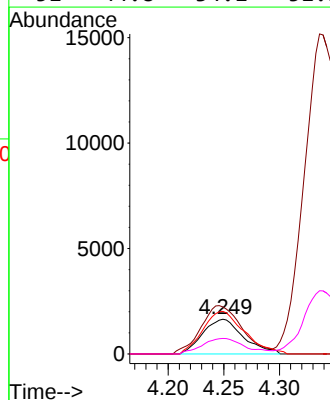
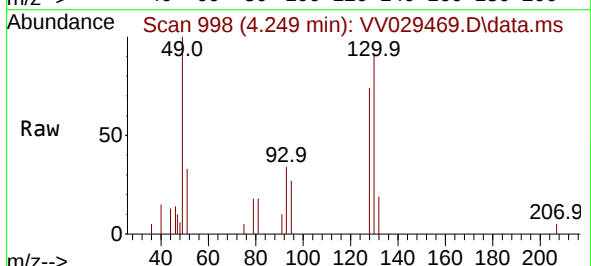
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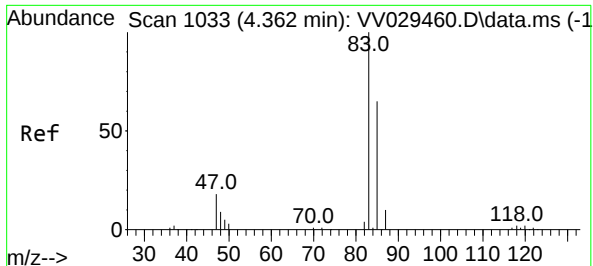
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#23
Bromochloromethane
Concen: 2.418 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.010 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:128 Resp: 4168
Ion Ratio Lower Upper
128 100
49 135.6 92.2 171.2
130 122.8 88.3 164.1
51 44.8 34.1 51.1





#25

Chloroform

Concen: 2.643 ug/L

RT: 4.368 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 83 Resp: 1428

Ion Ratio Lower Upper

83 100

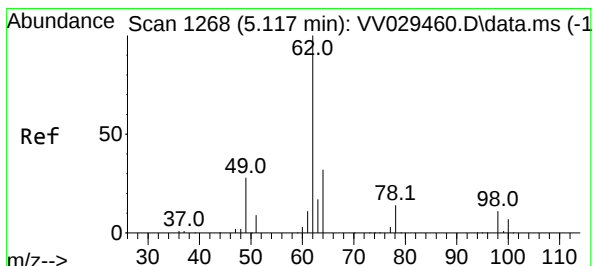
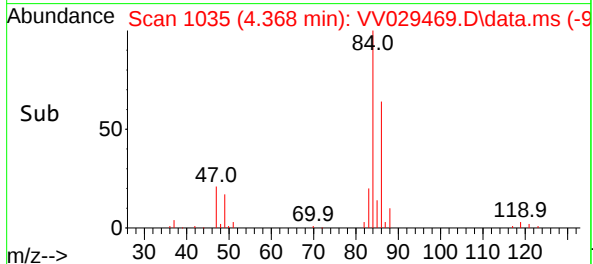
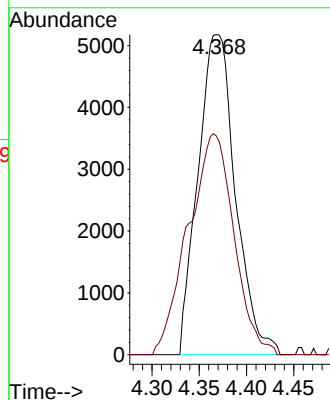
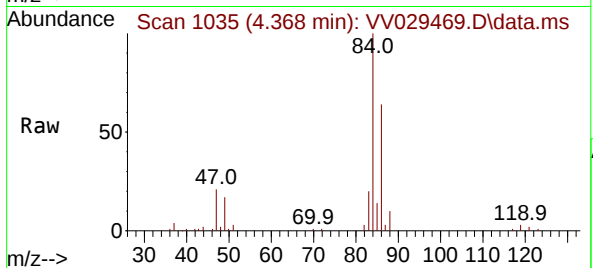
85 68.4 45.1 83.9

Manual Integrations

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Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#27

1,2-Dichloroethane

Concen: 2.463 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.009 min

Lab File: VV029469.D

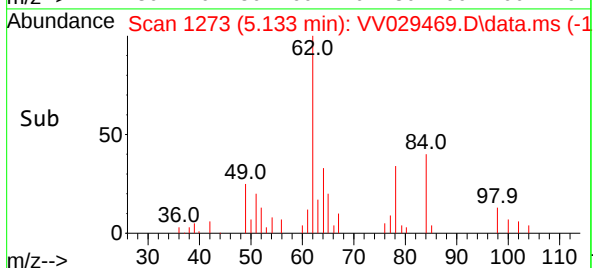
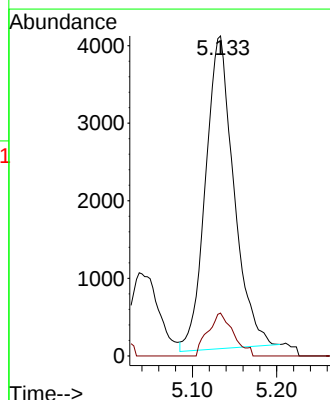
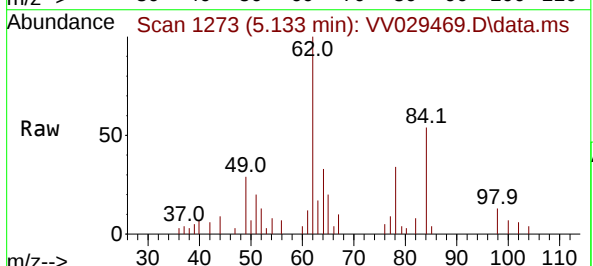
Acq: 08 Dec 2022 13:52

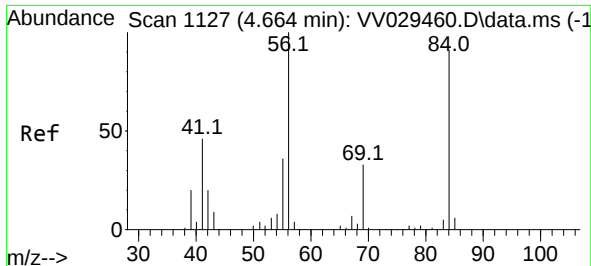
Tgt Ion: 62 Resp: 9407

Ion Ratio Lower Upper

62 100

98 13.4 9.4 14.0





#29

Cyclohexane

Concen: 2.231 ug/L

RT: 4.667 min Scan# 1116

Delta R.T. -0.003 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

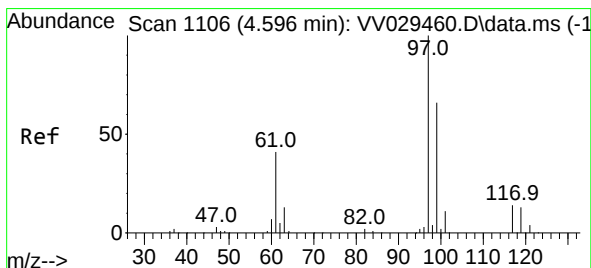
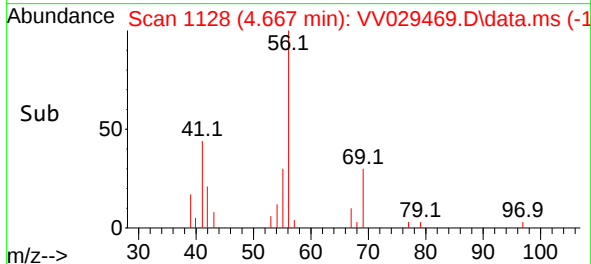
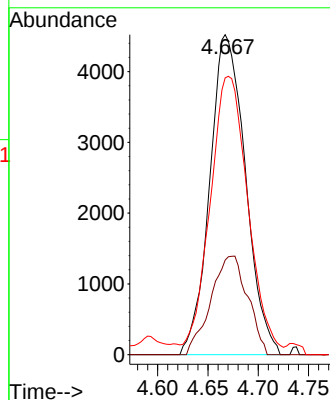
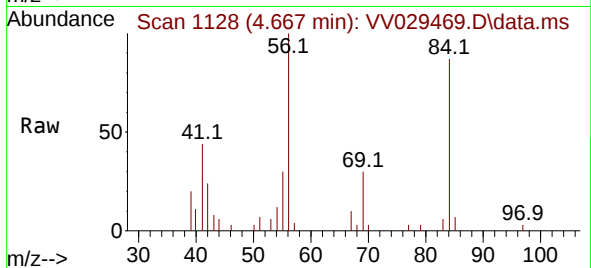
Tgt Ion: 56	Resp: 1116
Ion Ratio	Lower Upper
56	100
69	31.7 25.8 38.8
84	92.6 76.6 114.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#30

1,1,1-Trichloroethane

Concen: 2.153 ug/L

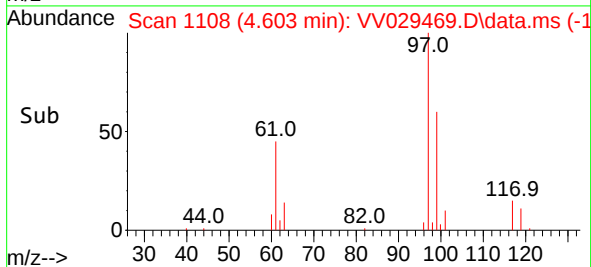
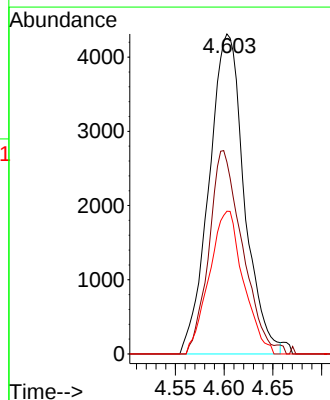
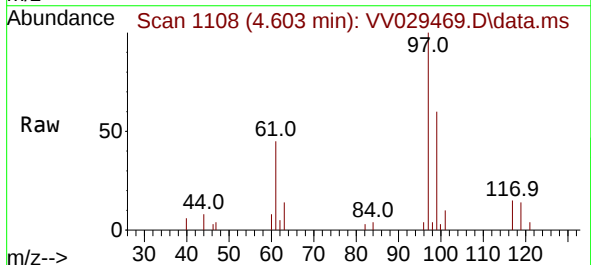
RT: 4.603 min Scan# 1108

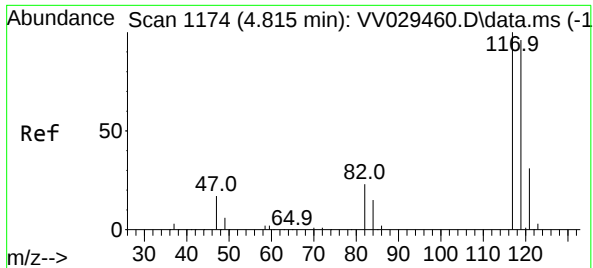
Delta R.T. -0.000 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

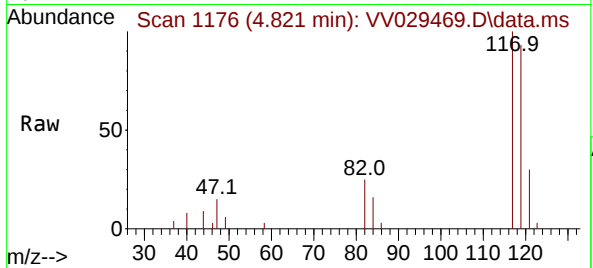
Tgt Ion: 97	Resp: 10843
Ion Ratio	Lower Upper
97	100
99	59.8 52.1 78.1
61	43.2 31.8 47.8





#31
Carbon tetrachloride
Concen: 2.084 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

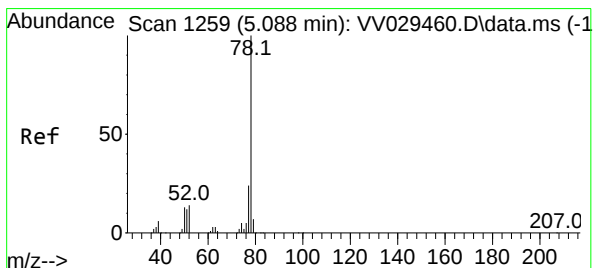
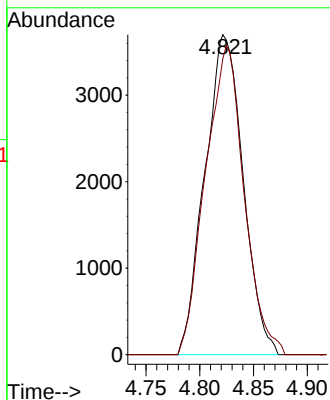
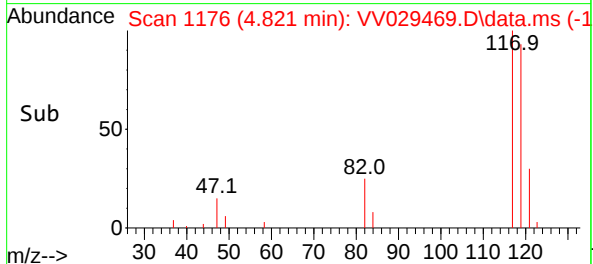
Instrument : MSVOA_V
ClientSampleId : MDL05



Tgt Ion:117 Resp: 916
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1

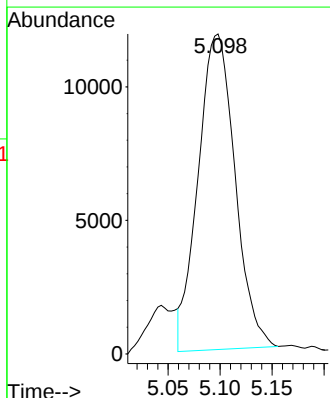
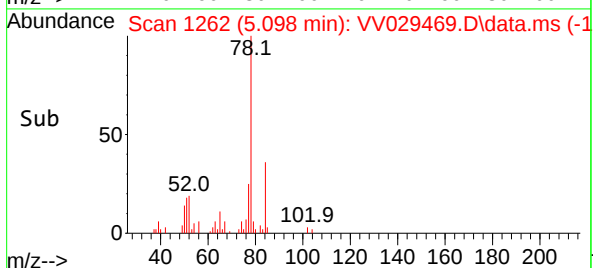
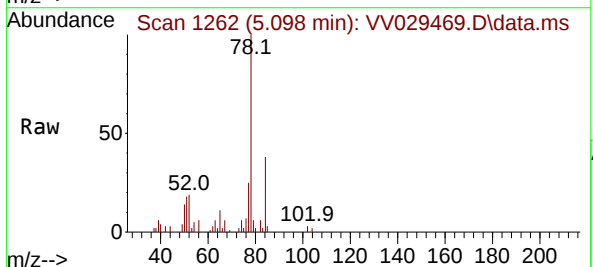
Manual Integrations
APPROVED

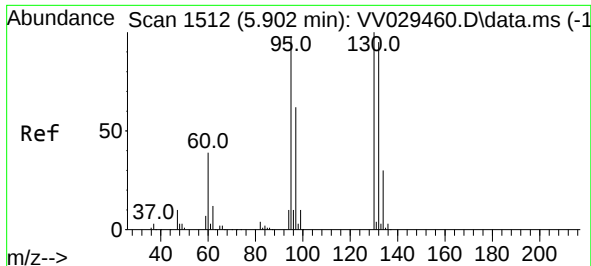
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#33
Benzene
Concen: 2.243 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

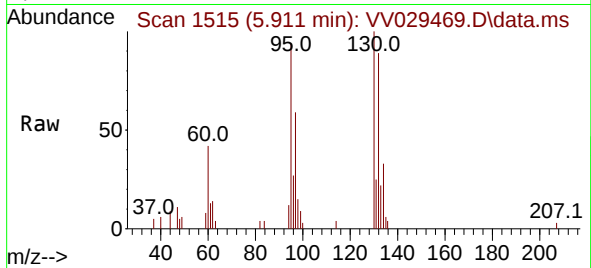
Tgt Ion: 78 Resp: 29225





#34
Trichloroethene
Concen: 2.197 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

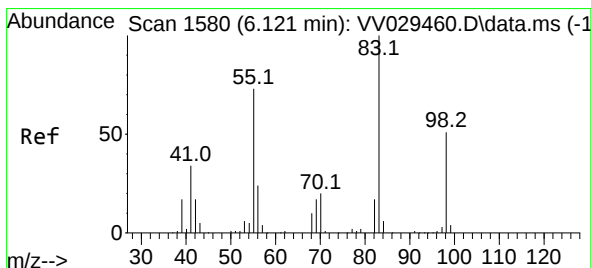
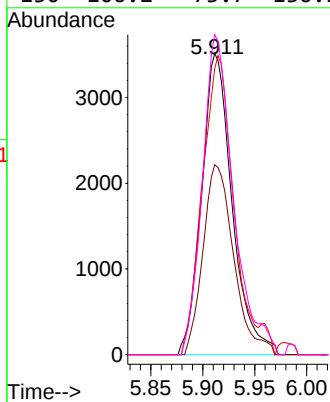
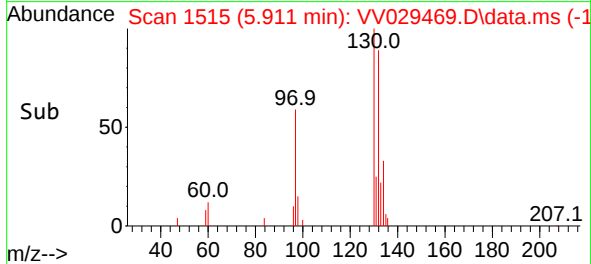
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 95 Resp: 7172
Ion Ratio Lower Upper
95 100
97 63.0 44.0 81.8
132 94.9 69.9 129.9
130 106.2 73.7 136.9

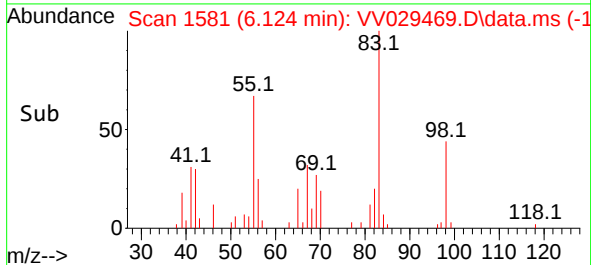
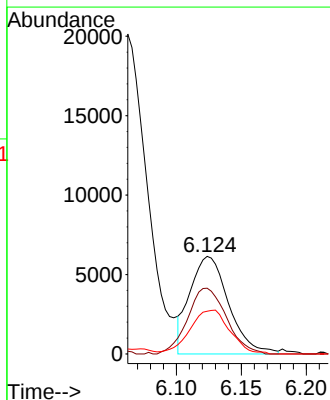
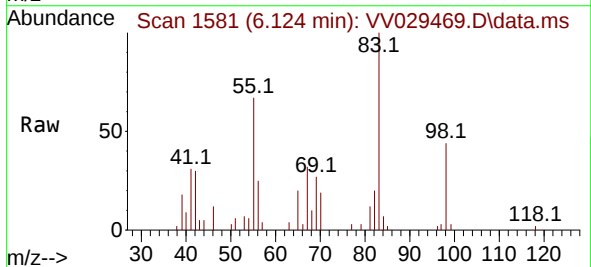
Manual Integrations
APPROVED

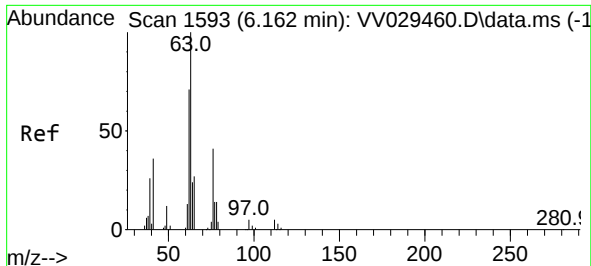
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#35
Methylcyclohexane
Concen: 2.304 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 83 Resp: 12774
Ion Ratio Lower Upper
83 100
55 67.6 55.5 83.3
98 41.8 39.8 59.8





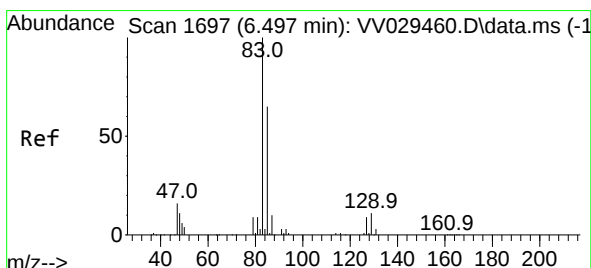
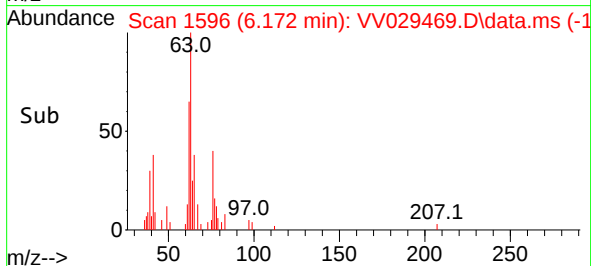
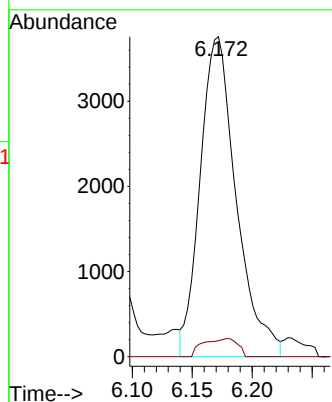
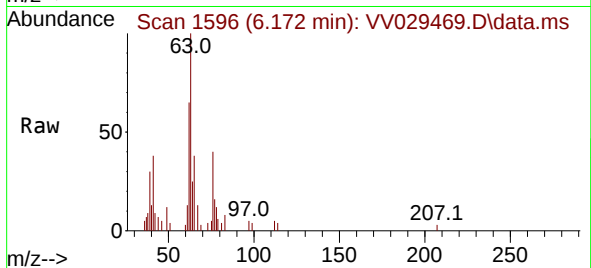
#37
1,2-Dichloropropane
Concen: 2.506 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 788
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9

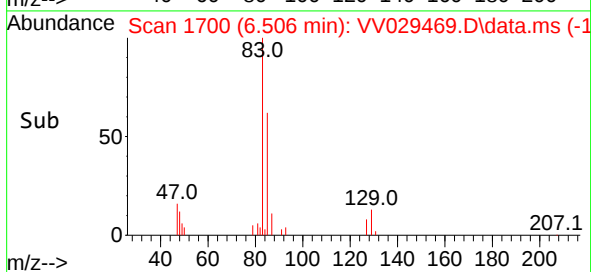
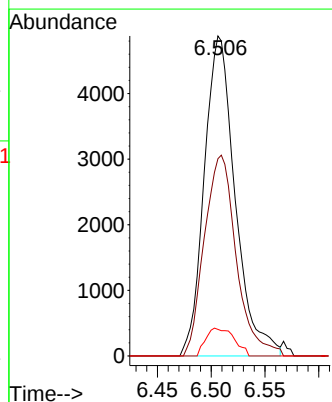
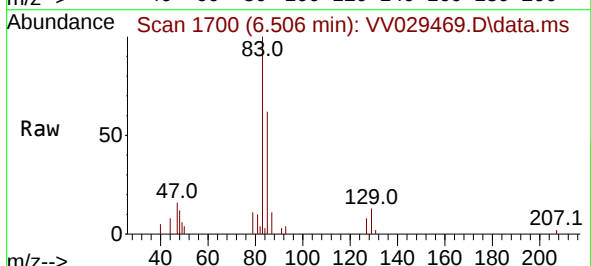
Manual Integrations
APPROVED

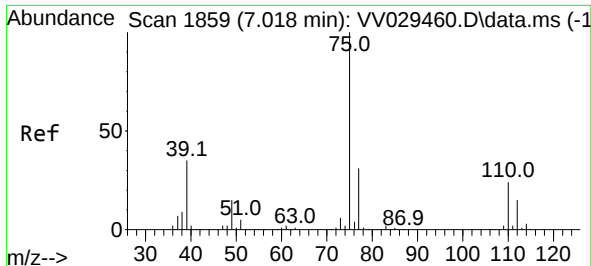
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#38
Bromodichloromethane
Concen: 2.250 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 83 Resp: 9766
Ion Ratio Lower Upper
83 100
85 61.6 45.3 84.1
127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.137 ug/L

RT: 7.027 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 75 Resp: 1105

Ion Ratio Lower Upper

75 100

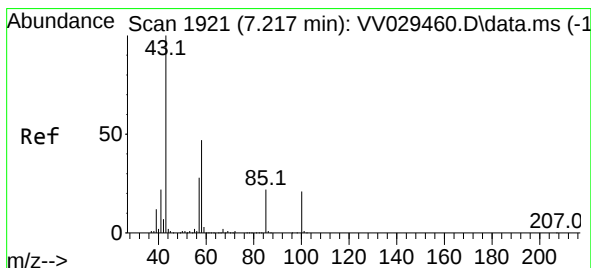
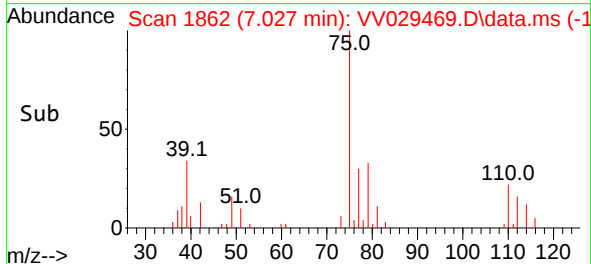
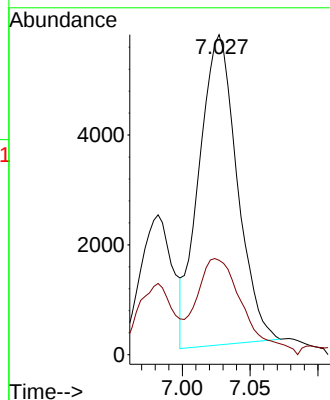
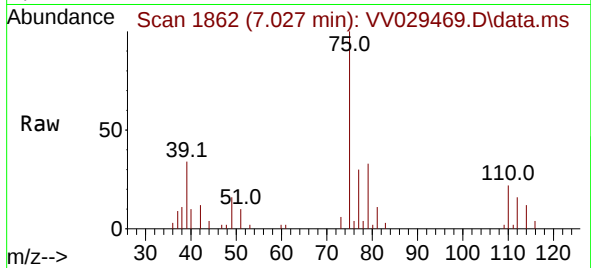
77 29.5 21.9 40.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#40

4-Methyl-2-pentanone

Concen: 5.054 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

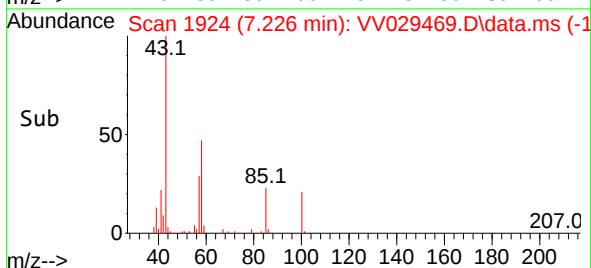
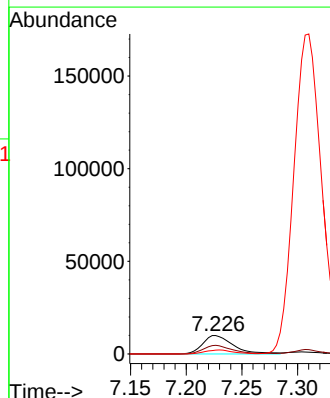
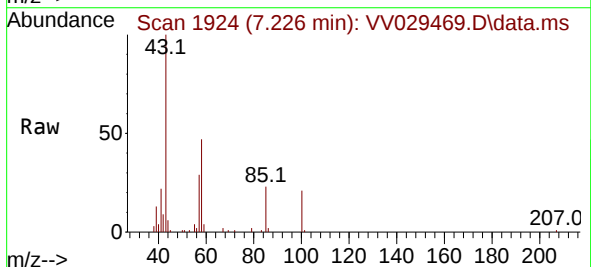
Tgt Ion: 43 Resp: 18950

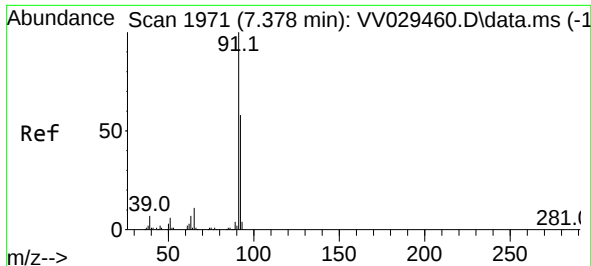
Ion Ratio Lower Upper

43 100

58 44.0 37.5 56.3

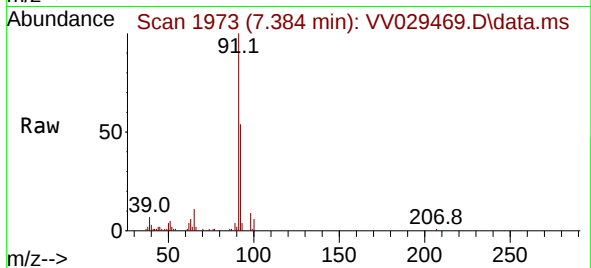
100 19.9 16.7 25.1





#42
Toluene
Concen: 2.292 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

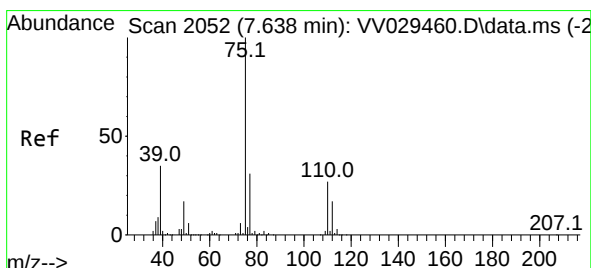
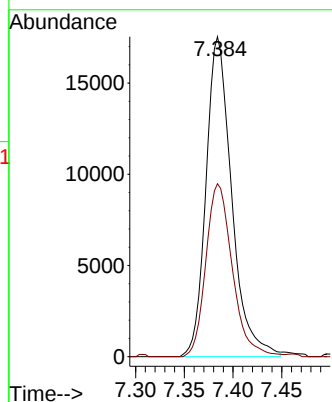
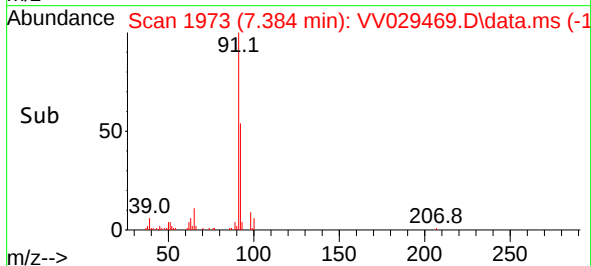
Instrument :
MSVOA_V
ClientSampleId :
MDL05



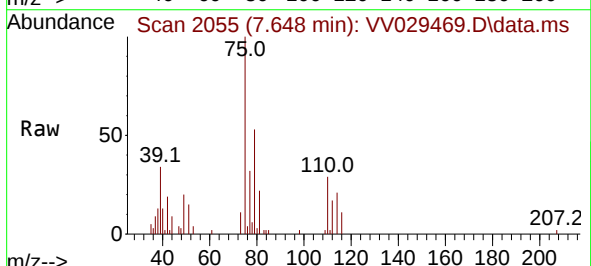
Tgt Ion: 91 Resp: 3214
Ion Ratio Lower Upper
91 100
92 54.1 40.6 75.4

Manual Integrations
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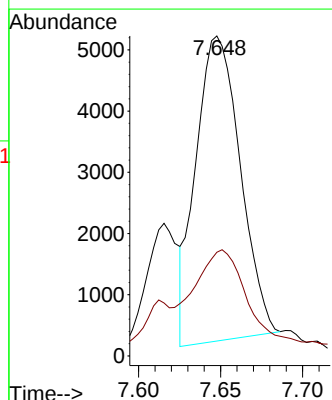
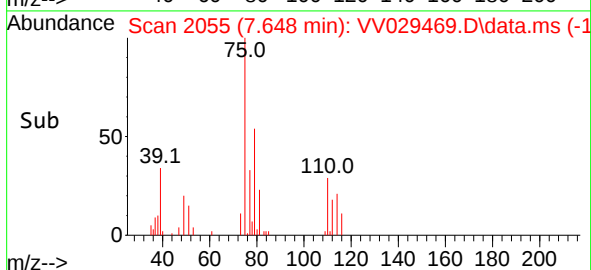
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

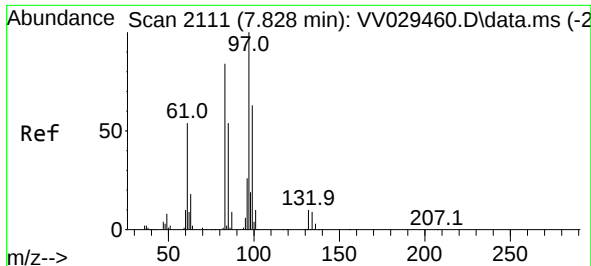


#44
trans-1,3-Dichloropropene
Concen: 1.911 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52



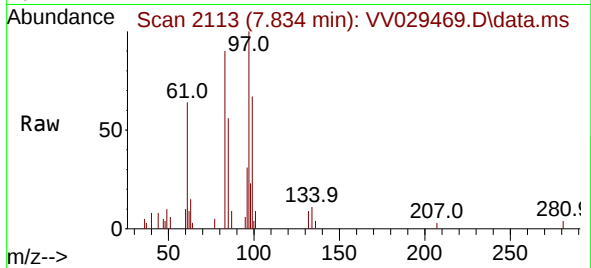
Tgt Ion: 75 Resp: 9359
Ion Ratio Lower Upper
75 100
77 32.4 22.3 41.5





#45
1,1,2-Trichloroethane
Concen: 2.376 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

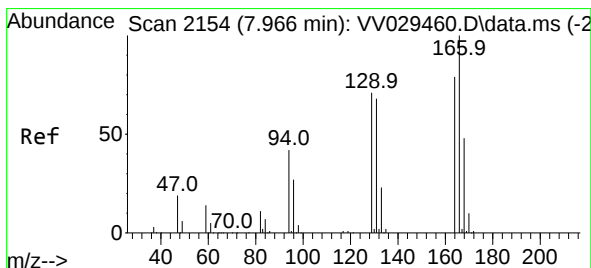
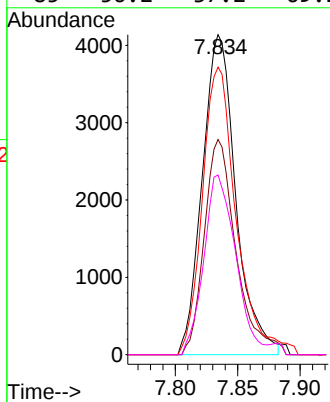
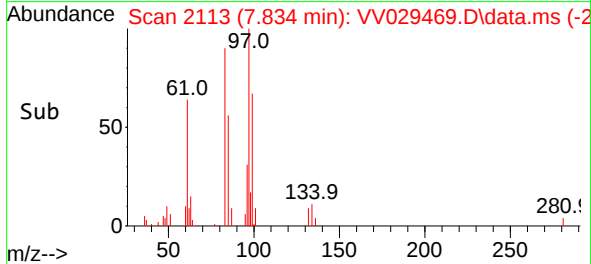
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.2	43.8	81.3
83	89.9	58.6	108.8
85	56.2	37.2	69.2

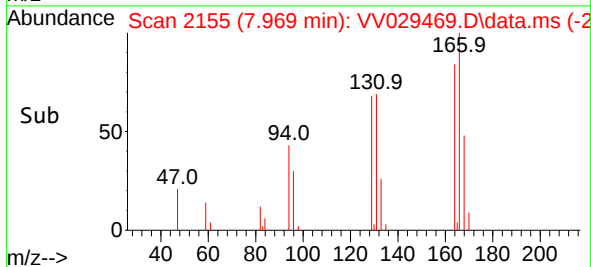
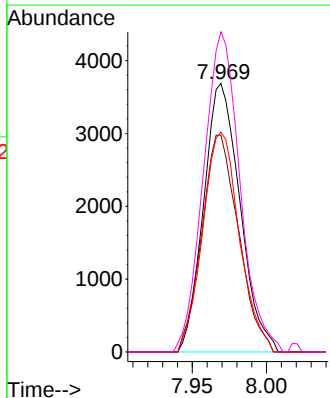
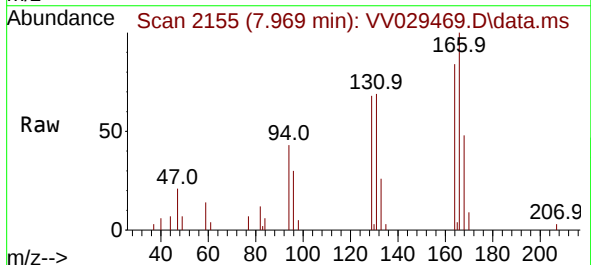
Manual Integrations
APPROVED

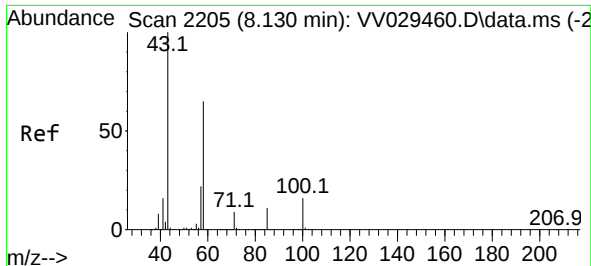
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#46
Tetrachloroethene
Concen: 2.394 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

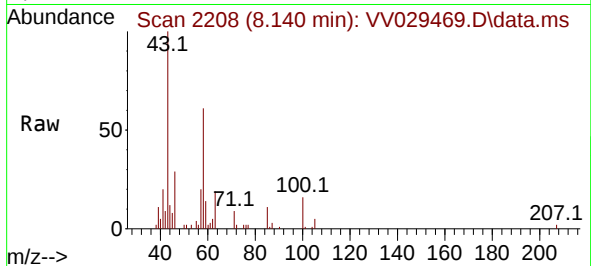
Tgt Ion	Ratio	Lower	Upper
164	100		
129	80.7	65.3	121.3
131	81.8	63.1	117.1
166	119.2	90.8	168.6





#48
2-Hexanone
Concen: 5.829 ug/L
RT: 8.140 min Scan# 2205
Delta R.T. 0.006 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

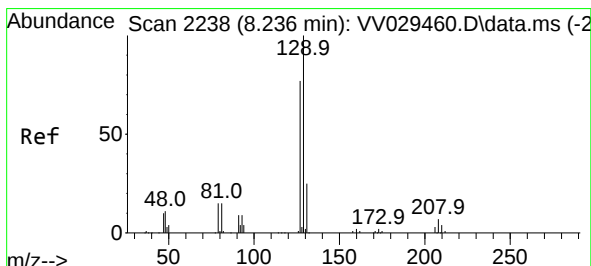
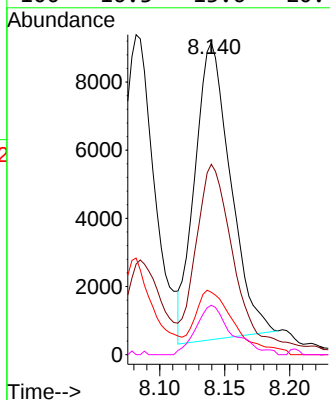
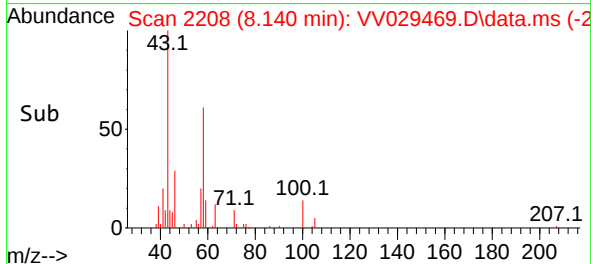
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 16690
Ion Ratio Lower Upper
43 100
58 64.7 54.1 81.1
57 24.1 17.4 26.0
100 16.3 13.6 20.4

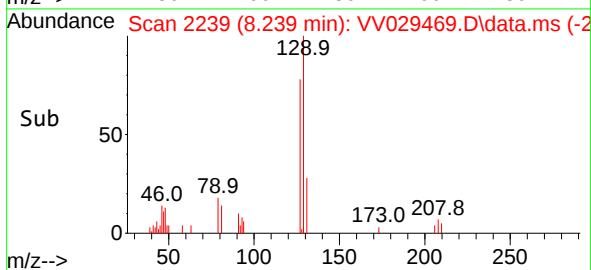
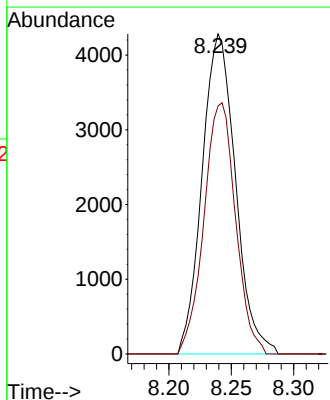
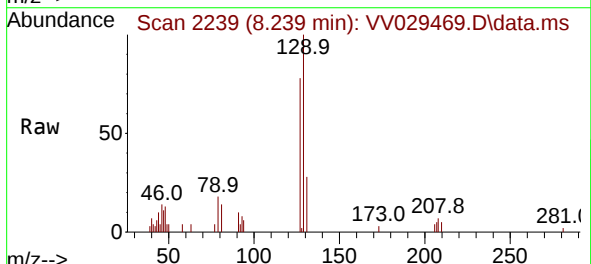
Manual Integrations
APPROVED

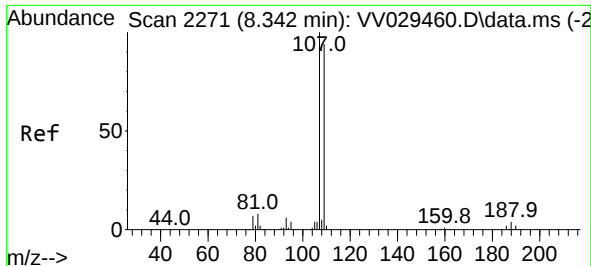
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#49
Dibromochloromethane
Concen: 2.223 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:129 Resp: 7972
Ion Ratio Lower Upper
129 100
127 77.5 55.2 102.4





#50

1,2-Dibromoethane

Concen: 2.423 ug/L

RT: 8.349 min Scan# 2110

Delta R.T. 0.003 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

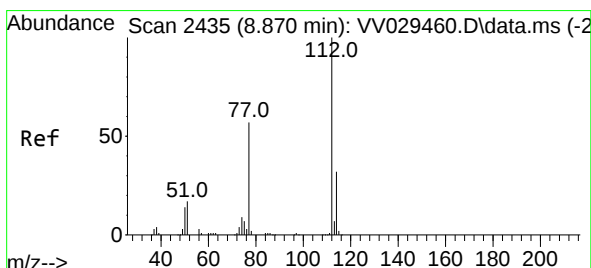
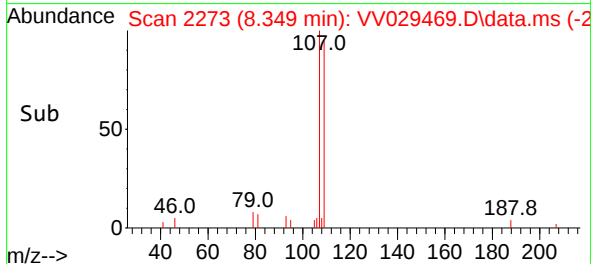
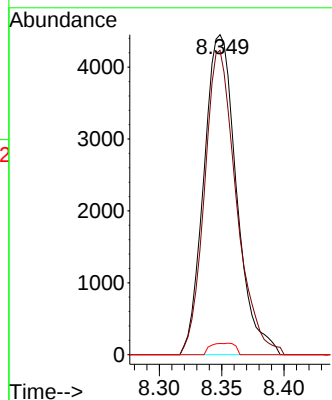
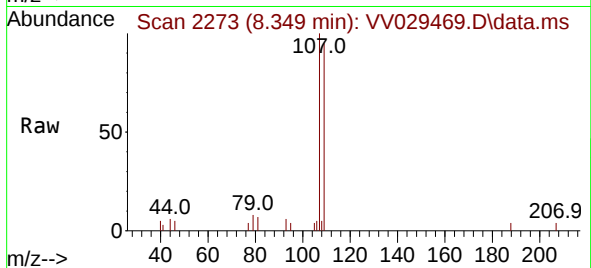
Tgt Ion:	107	Resp:	8110
Ion Ratio	Lower	Upper	
107	100		
109	95.1	66.0	122.6
188	3.5	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#51

Chlorobenzene

Concen: 2.356 ug/L

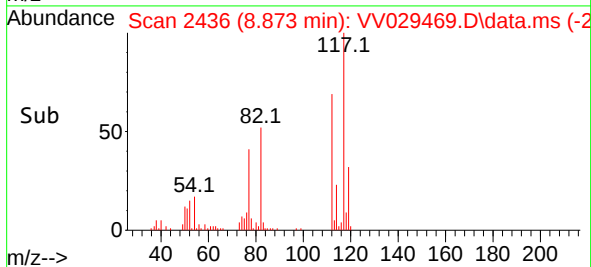
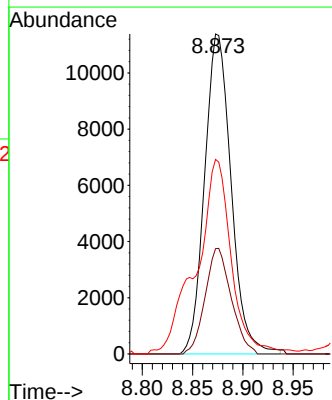
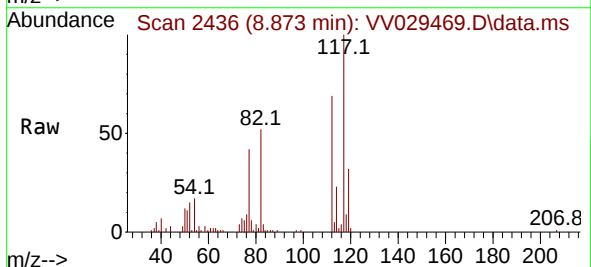
RT: 8.873 min Scan# 2436

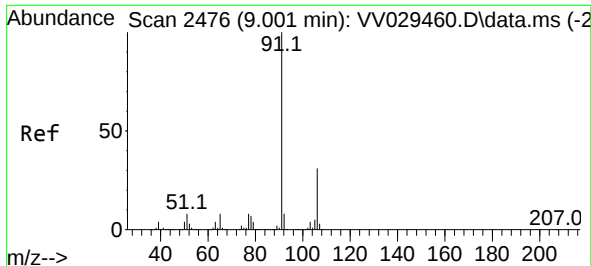
Delta R.T. -0.000 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Tgt Ion:	112	Resp:	20921
Ion Ratio	Lower	Upper	
112	100		
114	32.9	22.3	41.3
77	60.8	45.0	67.4





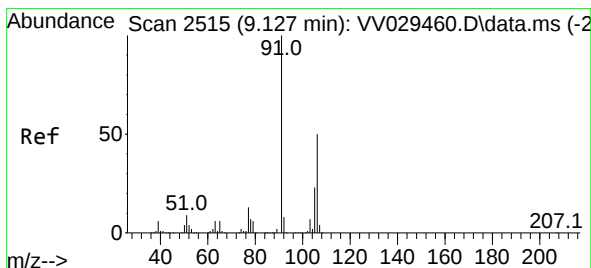
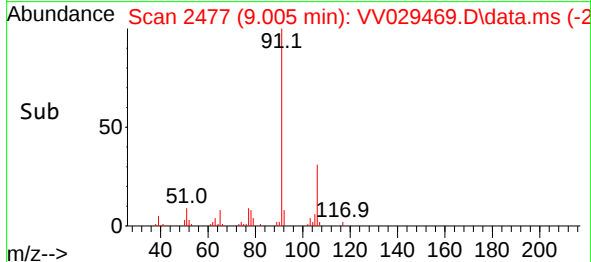
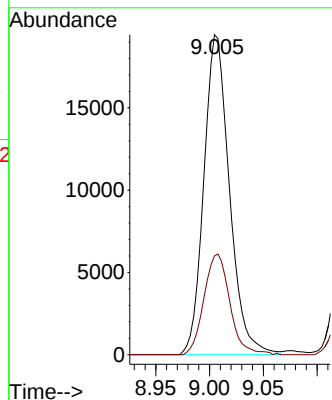
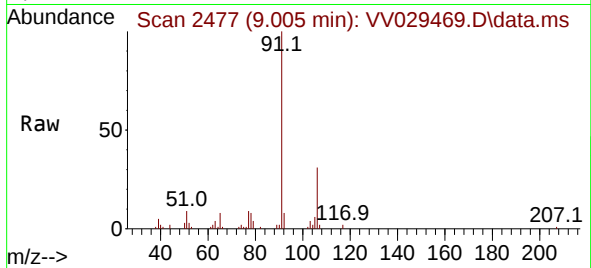
#52
Ethylbenzene
Concen: 2.188 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 3225
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6

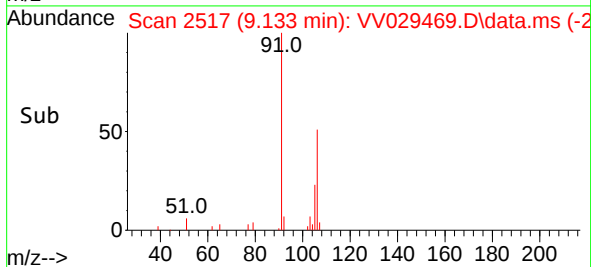
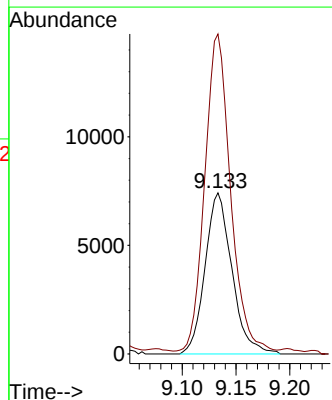
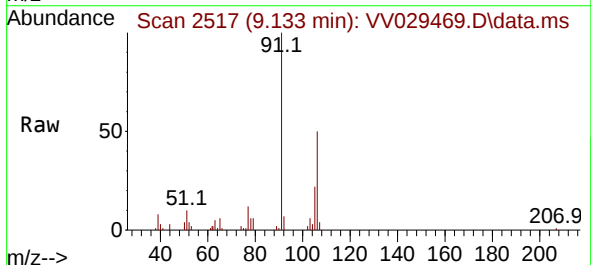
Manual Integrations
APPROVED

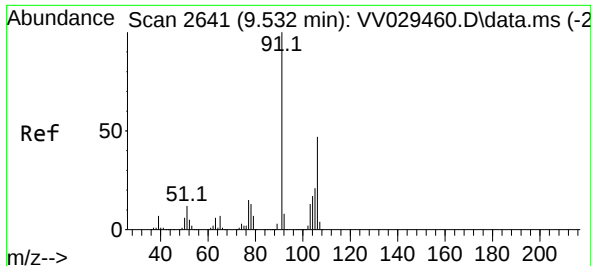
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#53
m,p-Xylene
Concen: 2.206 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:106 Resp: 12870
Ion Ratio Lower Upper
106 100
91 198.5 139.5 259.1





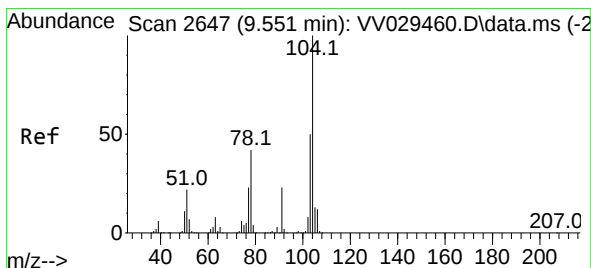
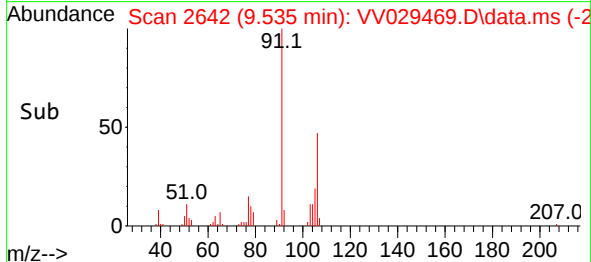
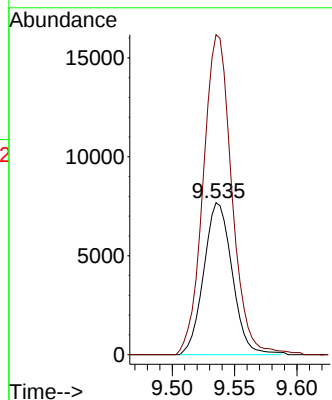
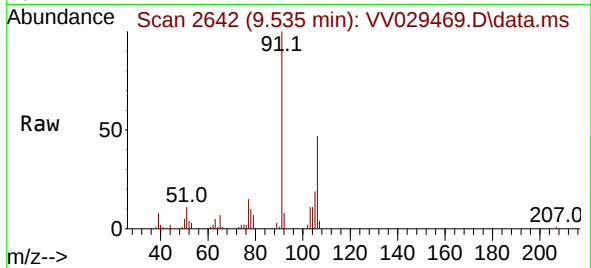
#54
o-Xylene
Concen: 2.114 ug/L
RT: 9.535 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 12204
Ion Ratio Lower Upper
106 100
91 210.6 148.0 274.8

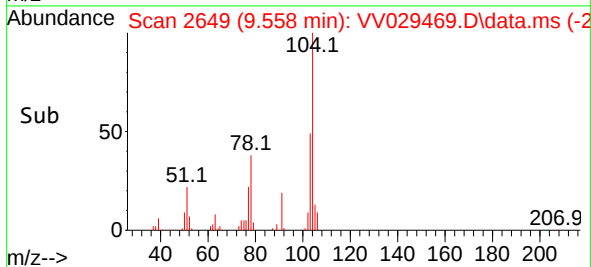
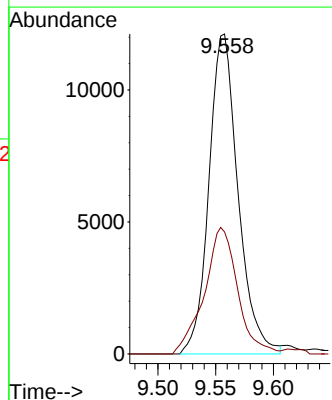
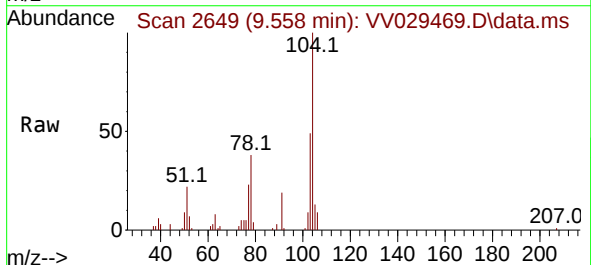
Manual Integrations
APPROVED

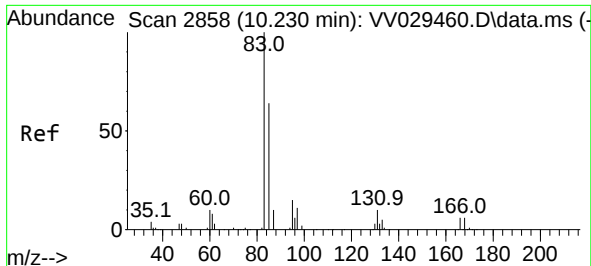
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#55
Styrene
Concen: 2.120 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:104 Resp: 21262
Ion Ratio Lower Upper
104 100
78 38.1 29.4 54.6





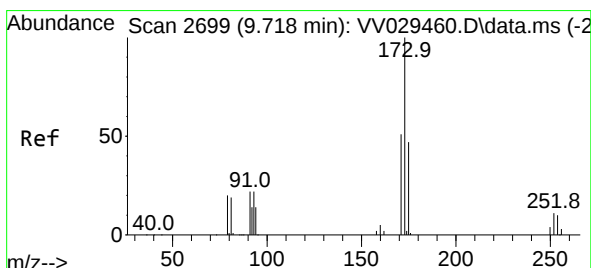
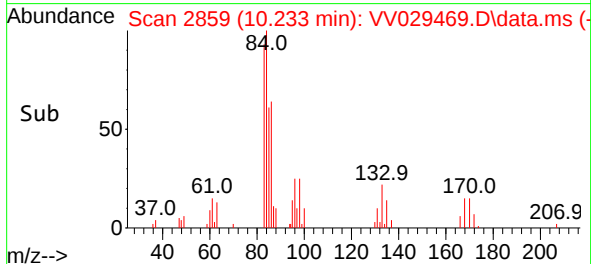
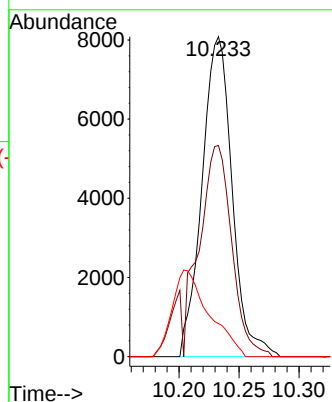
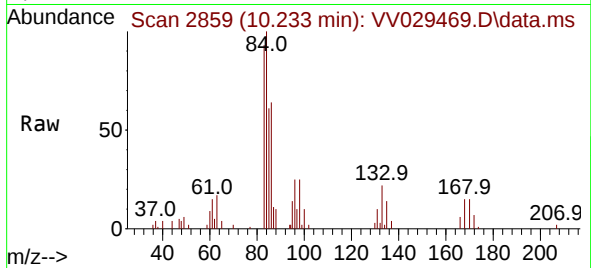
#57
1,1,2,2-Tetrachloroethane
Concen: 2.723 ug/L
RT: 10.233 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 1415
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9
131 10.3 7.9 11.9

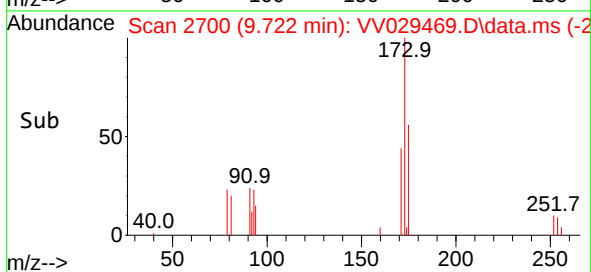
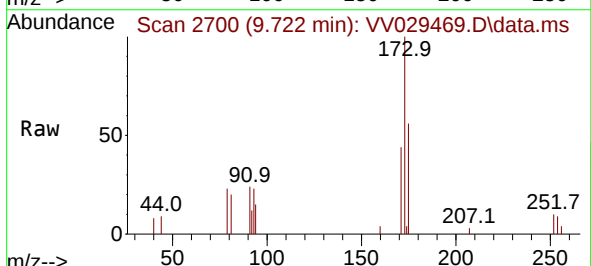
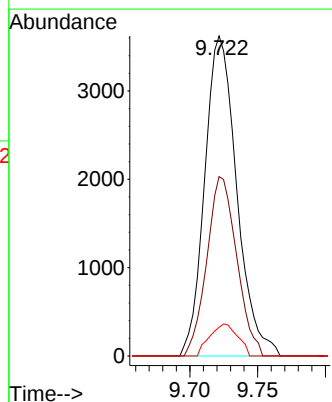
Manual Integrations
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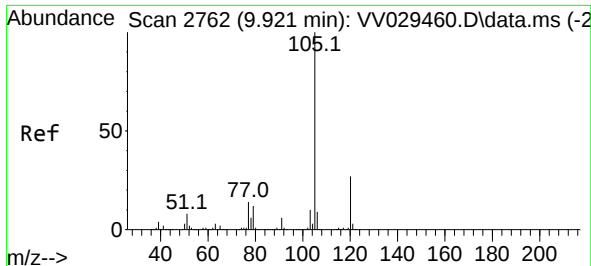
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#59
Bromoform
Concen: 2.214 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:173 Resp: 5959
Ion Ratio Lower Upper
173 100
175 52.1 38.4 57.6
254 8.7 7.8 11.8





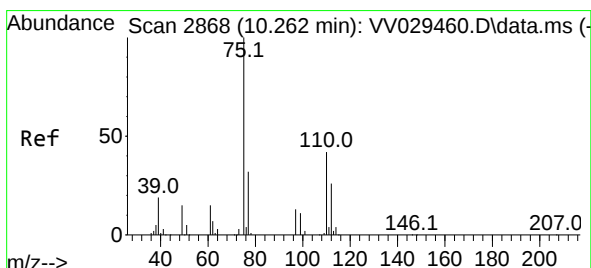
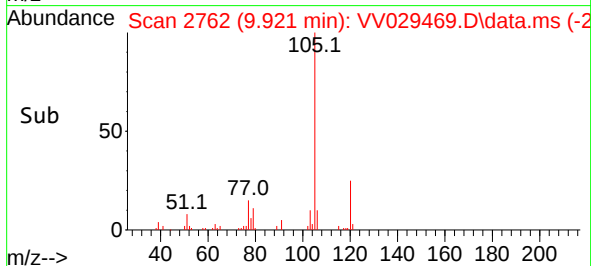
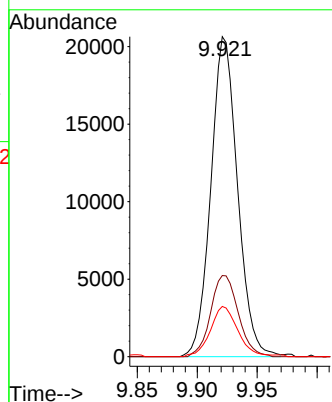
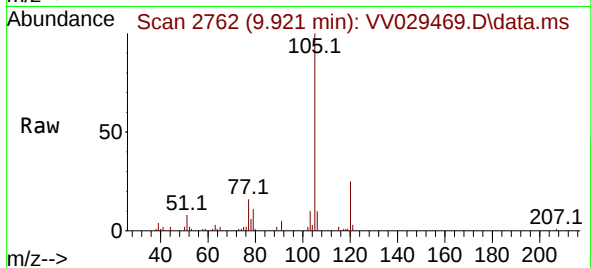
#60
Isopropylbenzene
Concen: 2.231 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:	105	Resp:	3190
Ion Ratio	Lower	Upper	
105	100		
120	26.2	21.1	31.7
77	16.2	11.6	17.4

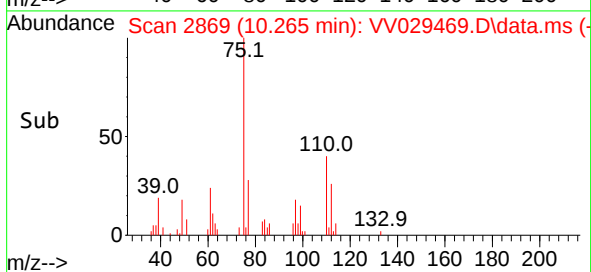
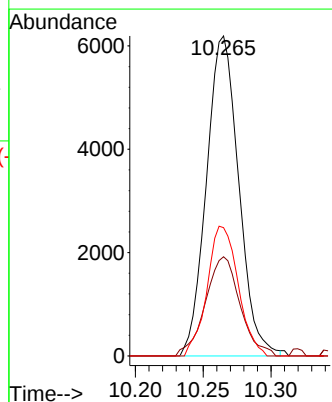
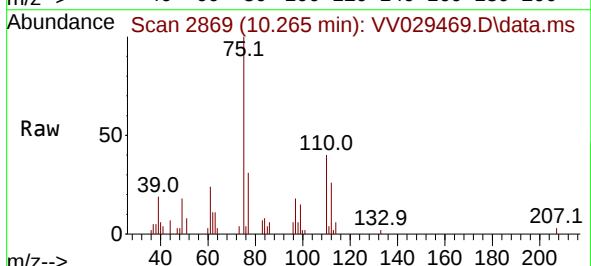
Manual Integrations
APPROVED

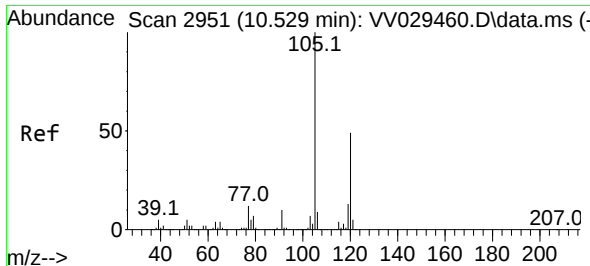
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#61
1,2,3-Trichloropropane
Concen: 2.725 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

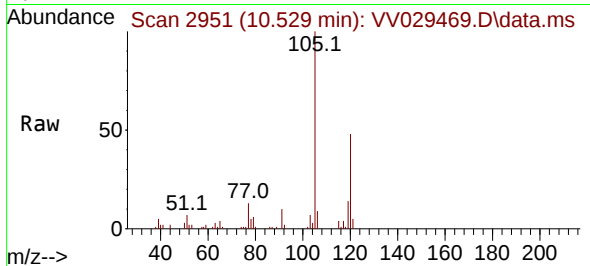
Tgt Ion:	75	Resp:	10249
Ion Ratio	Lower	Upper	
75	100		
77	33.2	25.4	38.2
110	39.0	32.7	49.1





#62
1,3,5-Trimethylbenzene
Concen: 2.116 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

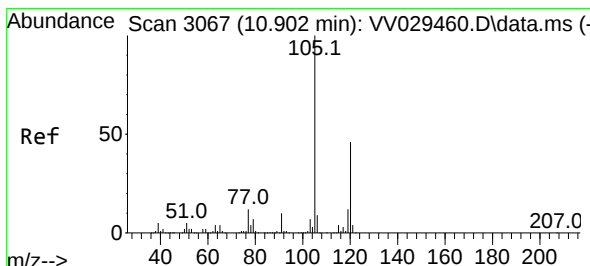
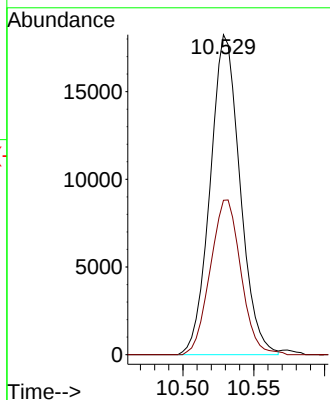
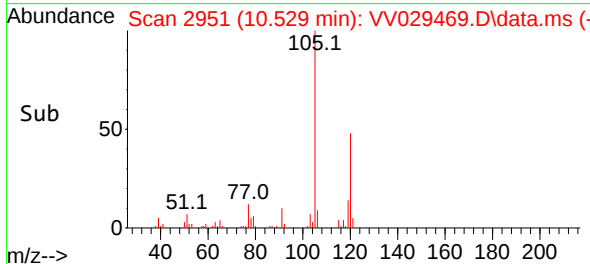
Instrument :
MSVOA_V
ClientSampleId :
MDL05



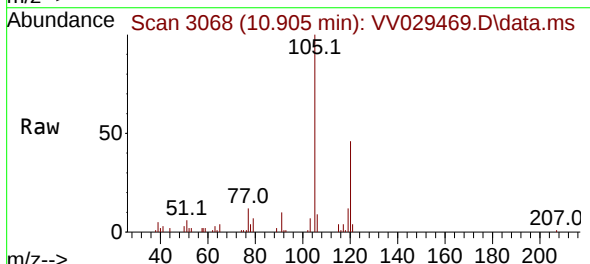
Tgt Ion:105 Resp: 2676
Ion Ratio Lower Upper
105 100
120 49.6 40.0 60.0

Manual Integrations
APPROVED

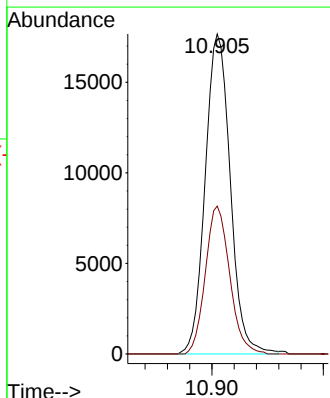
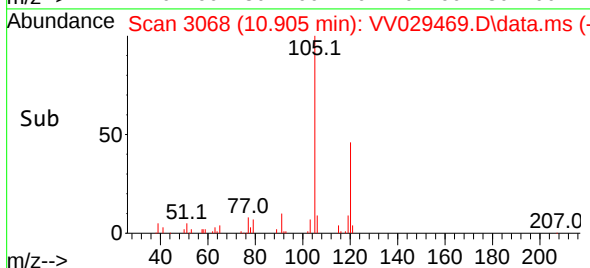
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

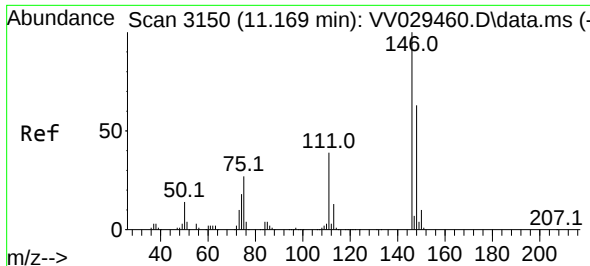


#63
1,2,4-Trimethylbenzene
Concen: 2.201 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52



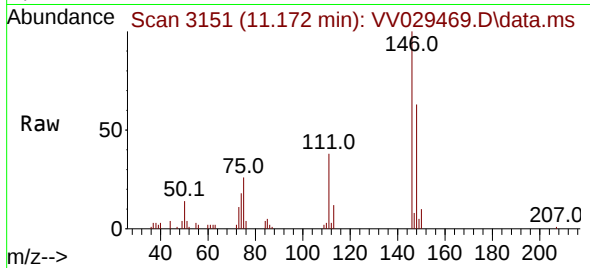
Tgt Ion:105 Resp: 27601
Ion Ratio Lower Upper
105 100
120 44.8 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 2.352 ug/L
RT: 11.172 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

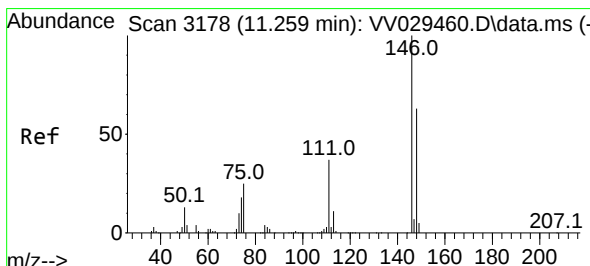
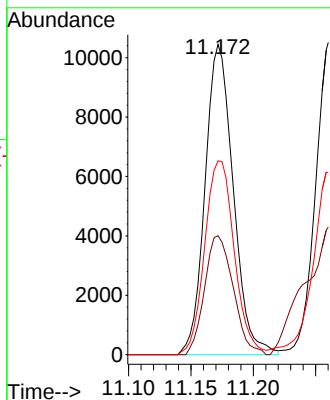
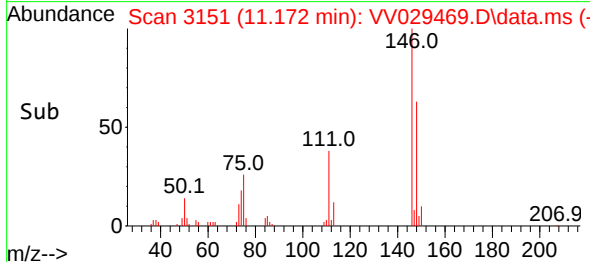
Instrument :
MSVOA_V
ClientSampleId :
MDL05



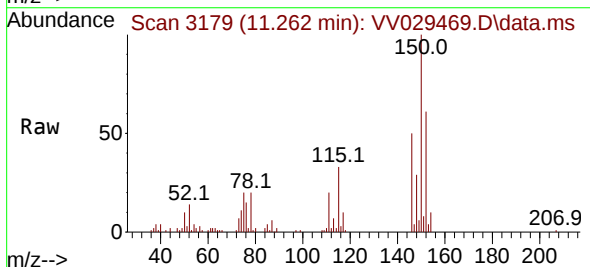
Tgt Ion:146 Resp: 16450
Ion Ratio Lower Upper
146 100
111 38.4 27.4 51.0
148 62.5 44.6 82.8

Manual Integrations
APPROVED

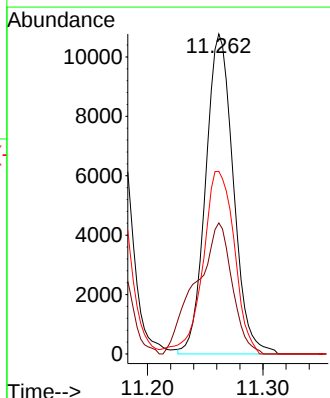
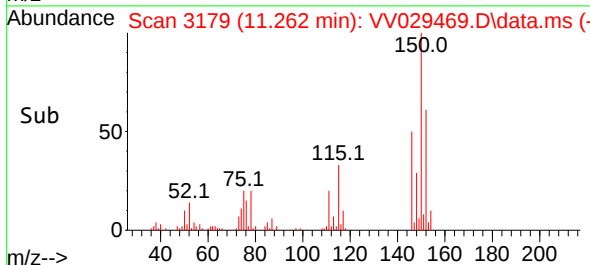
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

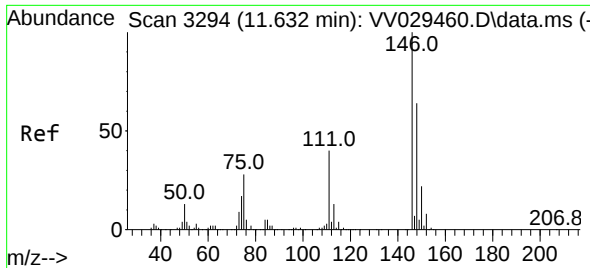


#65
1,4-Dichlorobenzene
Concen: 2.521 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52



Tgt Ion:146 Resp: 17923
Ion Ratio Lower Upper
146 100
111 40.9 26.2 48.8
148 57.0 44.7 83.1





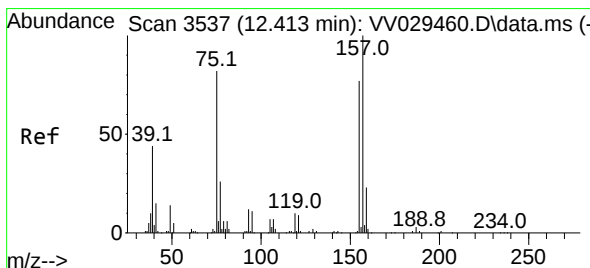
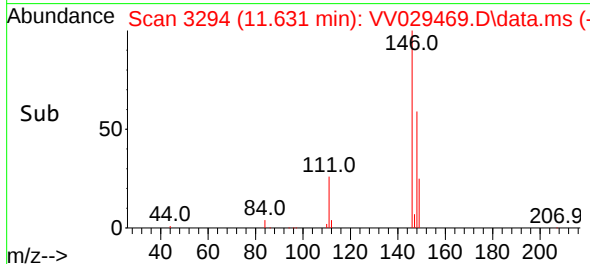
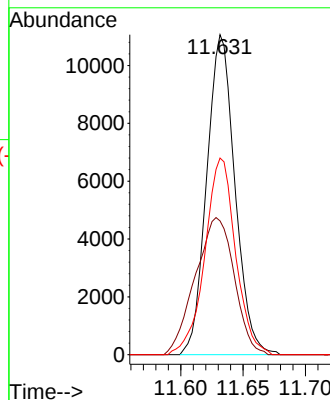
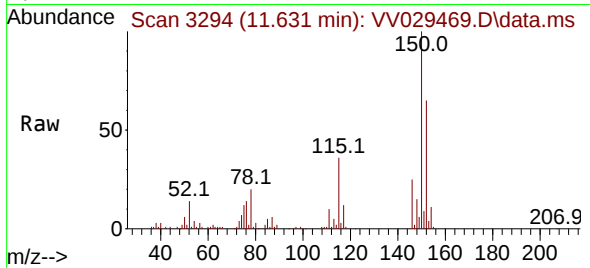
#67
1,2-Dichlorobenzene
Concen: 2.441 ug/L
RT: 11.631 min Scan# 3294
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument : MSVOA_V
ClientSampleId : MDL05

Tgt Ion:146 Resp: 17459
Ion Ratio Lower Upper
146 100
111 41.8 32.0 48.0
148 61.4 50.6 76.0

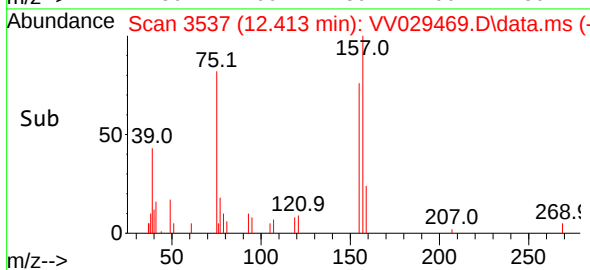
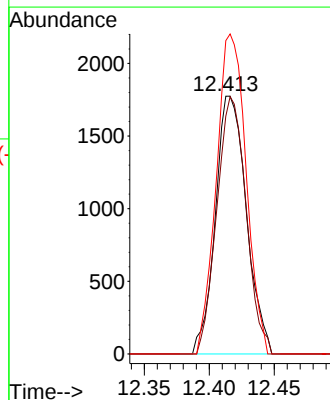
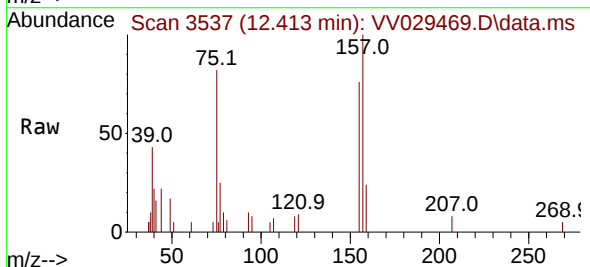
Manual Integrations
APPROVED

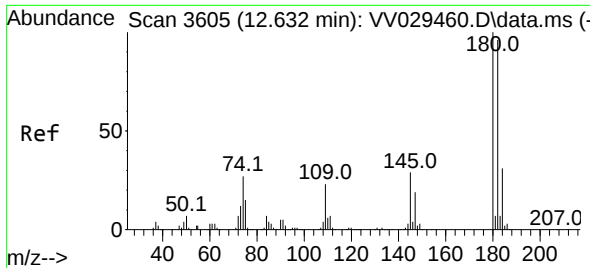
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 2.515 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

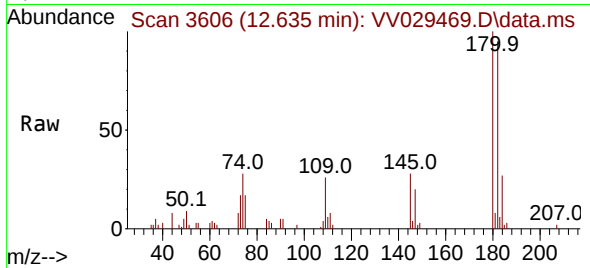
Tgt Ion: 75 Resp: 2940
Ion Ratio Lower Upper
75 100
155 92.2 76.2 114.2
157 121.5 96.0 144.0





#69
 1,3,5-Trichlorobenzene
 Concen: 2.228 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.003 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52

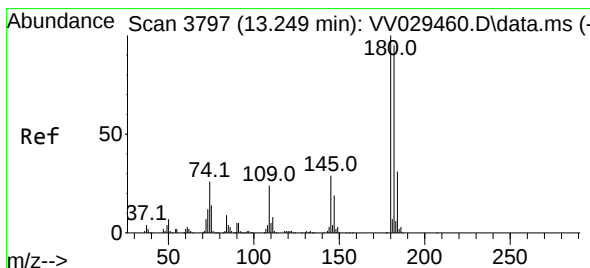
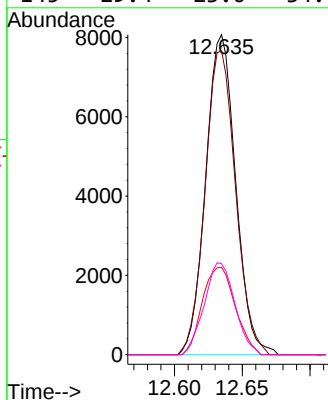
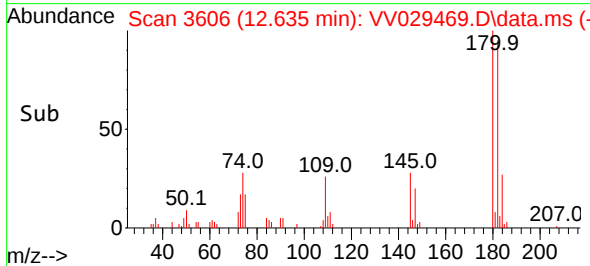
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



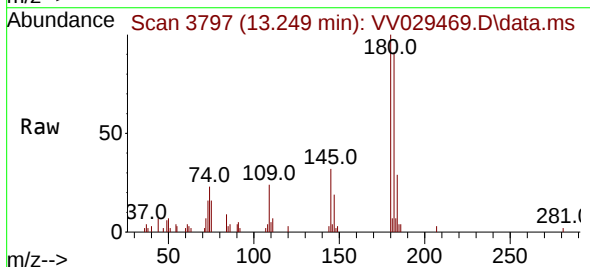
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.5	114.7
184	30.0	24.6	36.8
145	29.4	23.0	34.6

Manual Integrations
 APPROVED

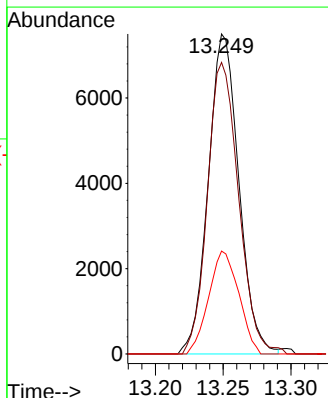
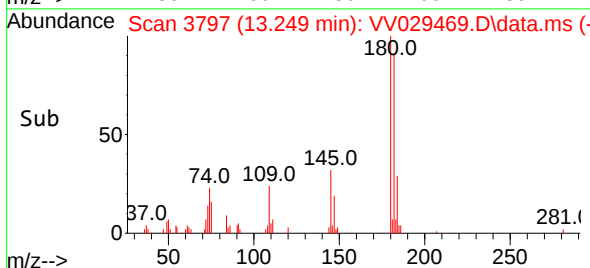
Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

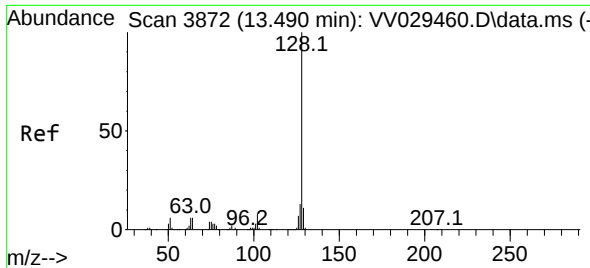


#70
 1,2,4-trichlorobenzene
 Concen: 2.375 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52



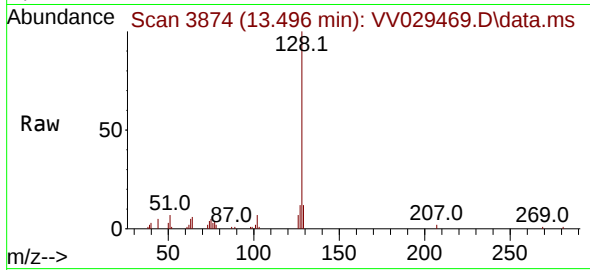
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.3	114.5
145	31.6	23.7	35.5





#71
Naphthalene
Concen: 2.196 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

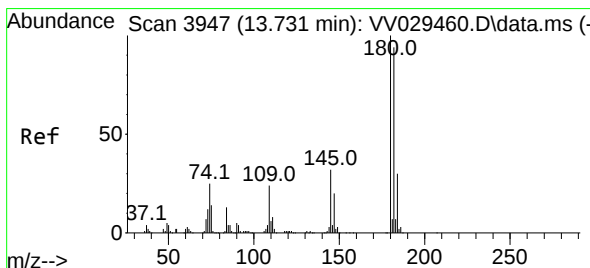
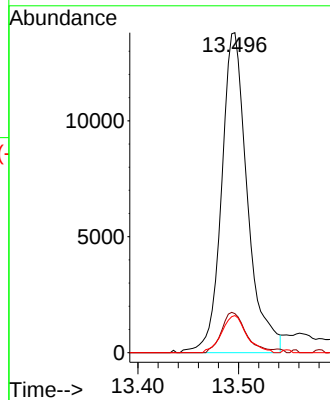
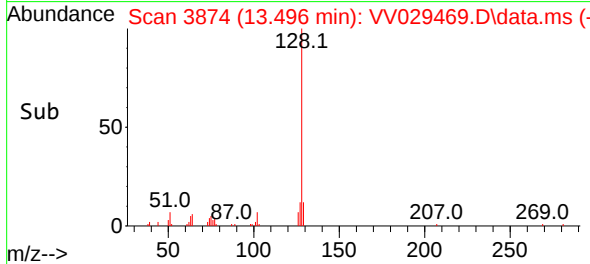
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion:128 Resp: 2465
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 11.2 8.5 12.7

Manual Integrations
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Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#72
1,2,3-Trichlorobenzene
Concen: 2.338 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:180 Resp: 11335
Ion Ratio Lower Upper
180 100
182 99.7 76.4 114.6
145 31.1 25.0 37.6

