

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029467.D
 Acq On : 08 Dec 2022 13:05
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 02:00:06 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	501437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	467199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	247966	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111699	36.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.760%
7) Chloroethane-d5	1.561	69	94905	40.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.060%
11) 1,1-Dichloroethene-d2	2.105	63	146850	30.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.320%
21) 2-Butanone-d5	3.870	46	198524	105.985	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.980%
24) Chloroform-d	4.343	84	250798	43.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.024	65	153184	46.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
32) Benzene-d6	5.043	84	528585	42.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.640%
36) 1,2-Dichloropropane-d6	6.063	67	169184	44.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.740%
41) Toluene-d8	7.310	98	484910	41.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.380%
43) trans-1,3-Dichloroprop...	7.612	79	79427	41.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.420%
47) 2-Hexanone-d5	8.082	63	163802	101.726	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.730%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	248197	46.061	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.120%
66) 1,2-Dichlorobenzene-d4	11.612	152	208273	44.123	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	9059	2.294	ug/L	96
3) Chloromethane	1.240	50	10447	2.320	ug/L	99
5) Vinyl chloride	1.307	62	9549	2.534	ug/L #	75
6) Bromomethane	1.516	94	4539	2.994	ug/L	98
8) Chloroethane	1.581	64	5582	2.661	ug/L	98
9) Trichlorofluoromethane	1.751	101	11355	2.407	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7773	2.966	ug/L	85
12) 1,1-Dichloroethene	2.114	96	7829	2.921	ug/L #	1
13) Acetone	2.159	43	8230	6.744	ug/L	100
14) Carbon disulfide	2.291	76	21351	2.394	ug/L	99
15) Methyl Acetate	2.429	43	6966	2.506	ug/L #	75
16) Methylene chloride	2.503	84	9708	2.913	ug/L	94
17) trans-1,2-Dichloroethene	2.761	96	7561	2.448	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	23781	2.513	ug/L	98
19) 1,1-Dichloroethane	3.185	63	13469	2.546	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	8627	2.540	ug/L	83
22) 2-Butanone	3.986	43	12929m	6.659	ug/L	
23) Bromochloromethane	4.246	128	4333	2.478	ug/L	94
25) Chloroform	4.371	83	13994	2.551	ug/L	97

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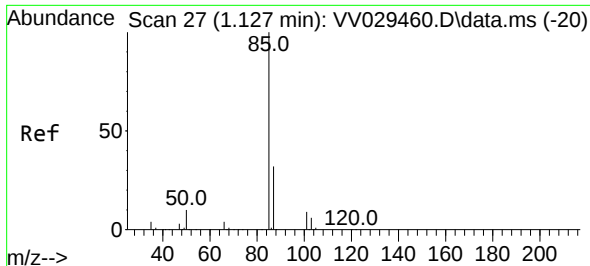
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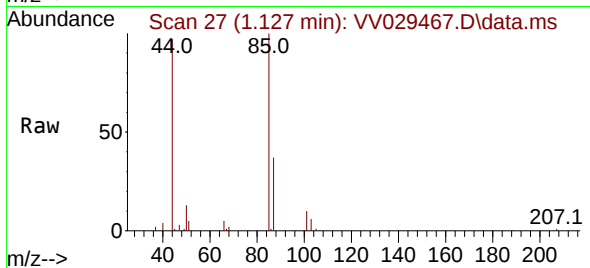
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	9683	2.499	ug/L #	92
29) Cyclohexane	4.667	56	11594	2.291	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	12425	2.441	ug/L	97
31) Carbon tetrachloride	4.822	117	10088	2.270	ug/L	97
33) Benzene	5.098	78	30029	2.280	ug/L	100
34) Trichloroethene	5.912	95	7966	2.414	ug/L	97
35) Methylcyclohexane	6.127	83	13331	2.379	ug/L	98
37) 1,2-Dichloropropane	6.172	63	7402	2.329	ug/L #	96
38) Bromodichloromethane	6.506	83	9908	2.258	ug/L	88
39) cis-1,3-Dichloropropene	7.027	75	10593	2.026	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	18216	4.807	ug/L	99
42) Toluene	7.384	91	33449	2.360	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	11223	2.267	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	7800	2.375	ug/L	95
46) Tetrachloroethene	7.969	164	6742	2.541	ug/L	94
48) 2-Hexanone	8.143	43	15175	5.241	ug/L #	90
49) Dibromochloromethane	8.239	129	8331	2.298	ug/L	94
50) 1,2-Dibromoethane	8.349	107	8033	2.375	ug/L #	99
51) Chlorobenzene	8.873	112	22454	2.502	ug/L	99
52) Ethylbenzene	9.005	91	34233	2.297	ug/L	98
53) m,p-Xylene	9.133	106	13252	2.247	ug/L	98
54) o-Xylene	9.535	106	12980	2.225	ug/L	95
55) Styrene	9.555	104	22281	2.198	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.233	83	13298	2.532	ug/L #	92
59) Bromoform	9.722	173	6147	2.244	ug/L	97
60) Isopropylbenzene	9.924	105	33771	2.320	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	10319	2.696	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	28794	2.237	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	27959	2.191	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	17028	2.392	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	18386	2.541	ug/L	94
67) 1,2-Dichlorobenzene	11.632	146	18777	2.580	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	2834	2.382	ug/L	87
69) 1,3,5-Trichlorobenzene	12.635	180	13392	2.364	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	12034	2.389	ug/L	98
71) Naphthalene	13.496	128	23643	2.069	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	11262	2.283	ug/L	97

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



#2
 Dichlorodifluoromethane
 Concen: 2.294 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05

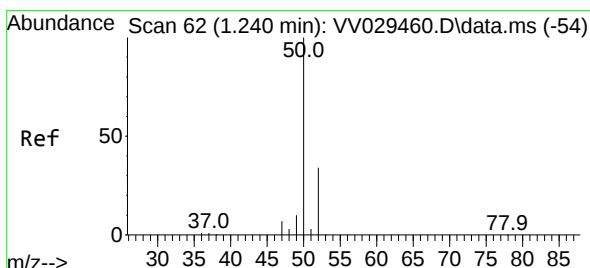
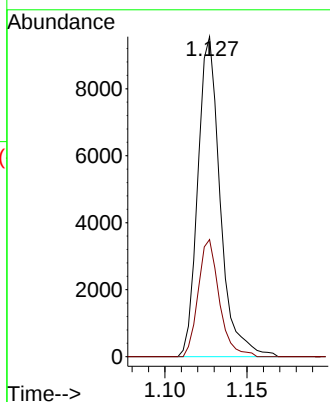
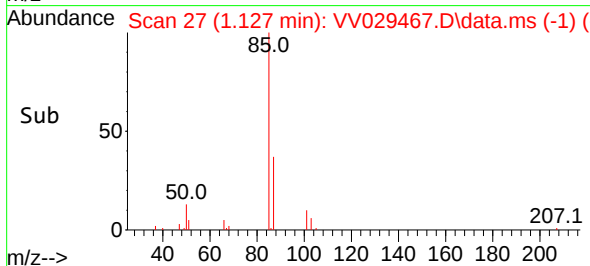
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



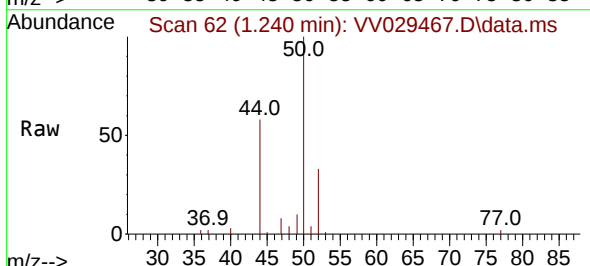
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 Ion Ratio Lower Upper
 85 100
 87 34.5 25.9 38.9

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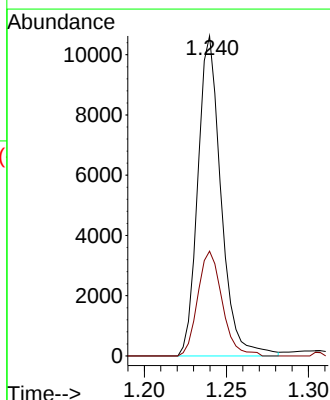
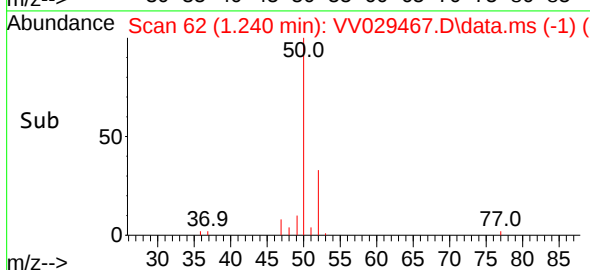
Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

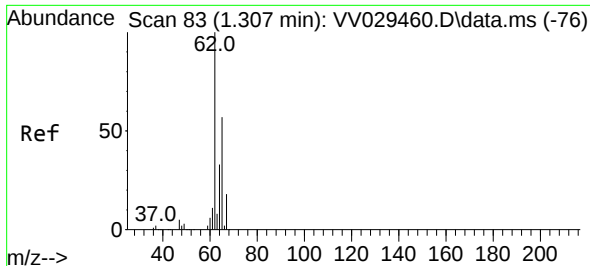


#3
 Chloromethane
 Concen: 2.320 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05



Tgt Ion: 50 Resp: 10447
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.3 43.3





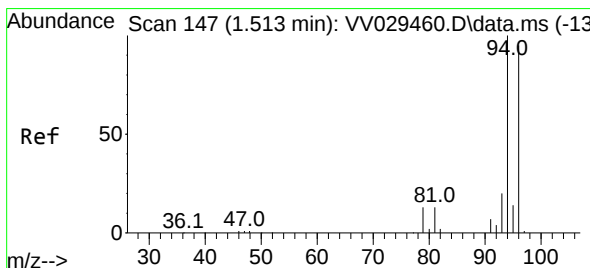
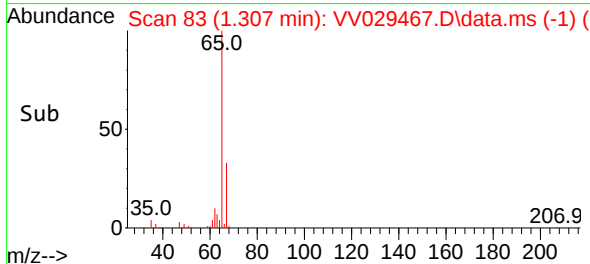
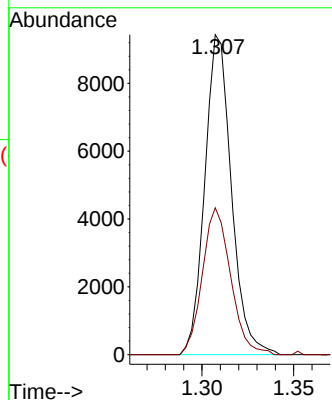
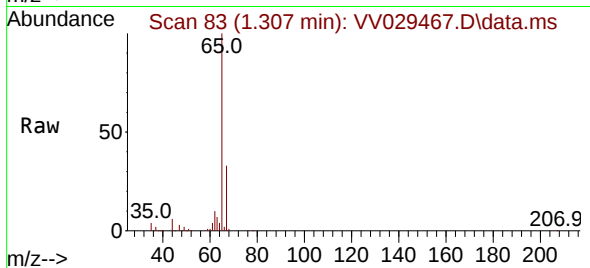
#5
 Vinyl chloride
 Concen: 2.534 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Tgt Ion: 62 Resp: 9549
 Ion Ratio Lower Upper
 62 100
 64 45.9 22.5 41.9

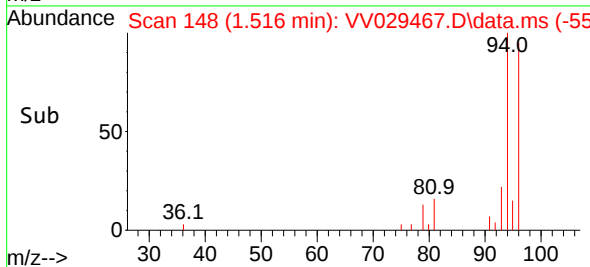
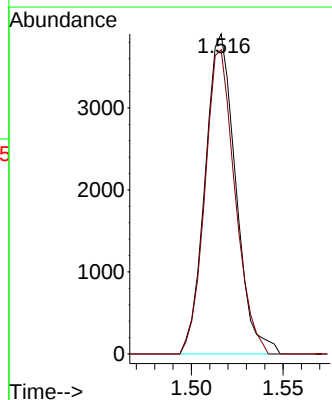
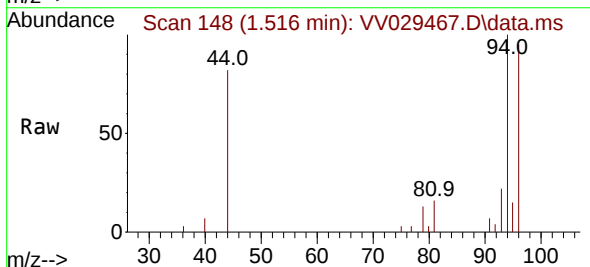
Manual Integrations
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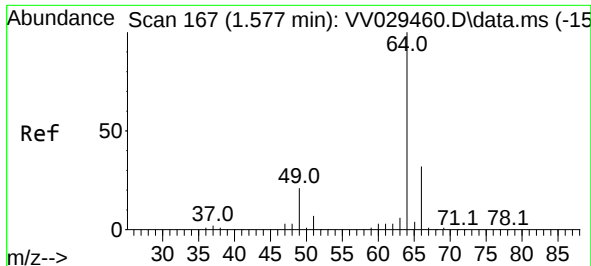
Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022



#6
 Bromomethane
 Concen: 2.994 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05

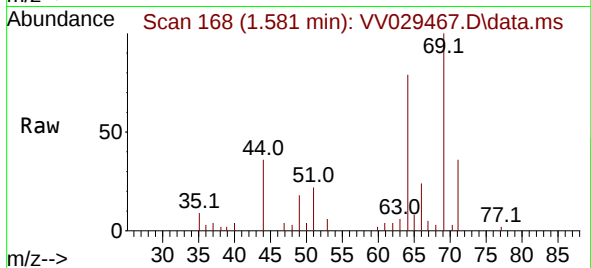
Tgt Ion: 94 Resp: 4539
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.1 120.9





#8
Chloroethane
Concen: 2.661 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

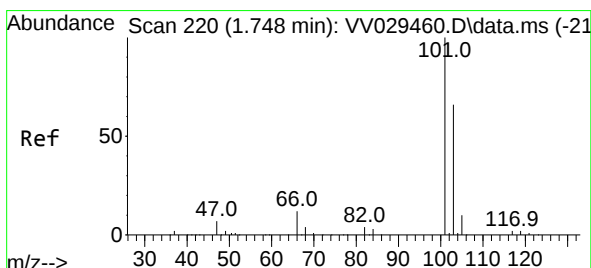
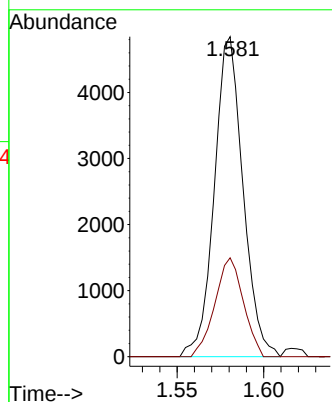
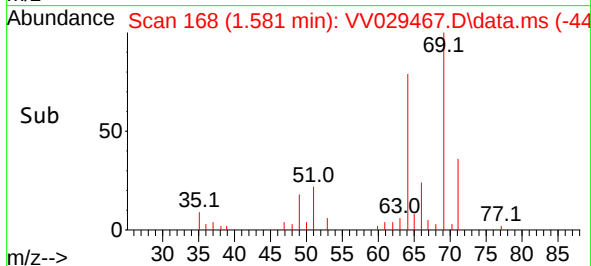
Instrument :
MSVOA_V
ClientSampleId :
MDL04



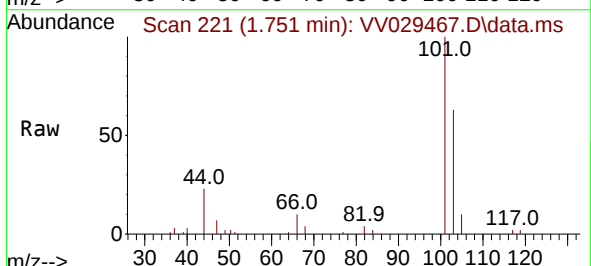
Tgt Ion: 64 Resp: 558
Ion Ratio Lower Upper
64 100
66 30.9 22.5 41.9

Manual Integrations
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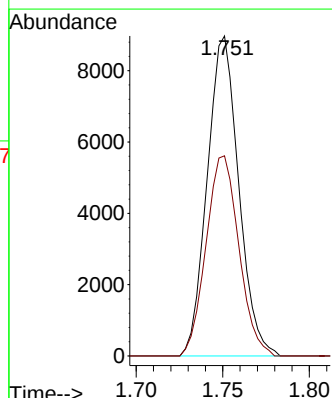
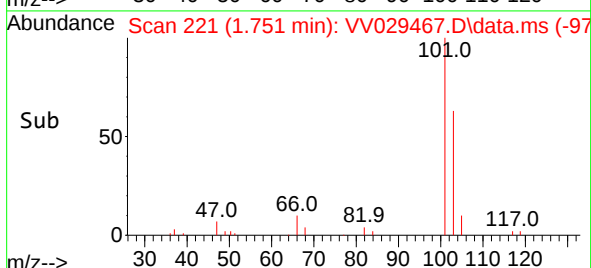
Reviewed By :Krupa Patel 12/09/2022
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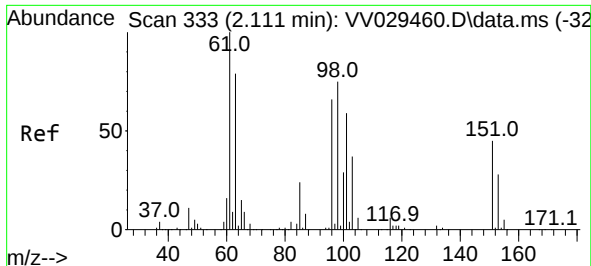


#9
Trichlorofluoromethane
Concen: 2.407 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05



Tgt Ion:101 Resp: 11355
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.966 ug/L

RT: 2.114 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:101 Resp: 777

Ion Ratio Lower Upper

101 100

85 35.0 33.6 50.4

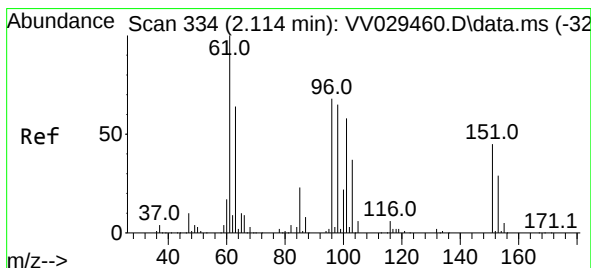
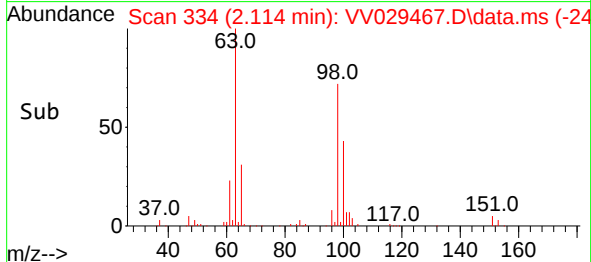
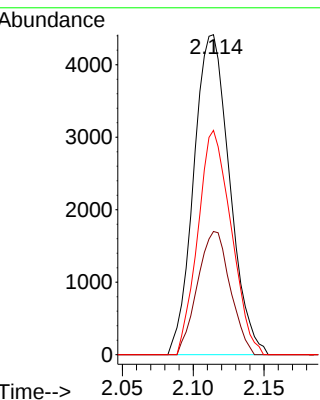
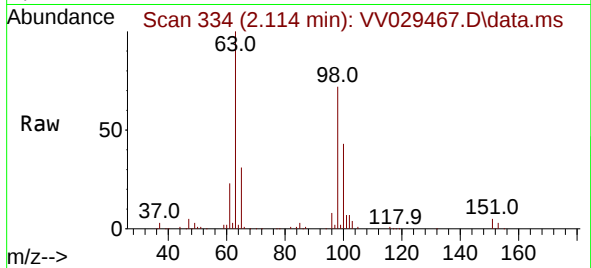
151 65.0 63.5 95.3

Manual Integrations

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Supervised By :Mahesh Dadoda 12/09/2022



#12

1,1-Dichloroethene

Concen: 2.921 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

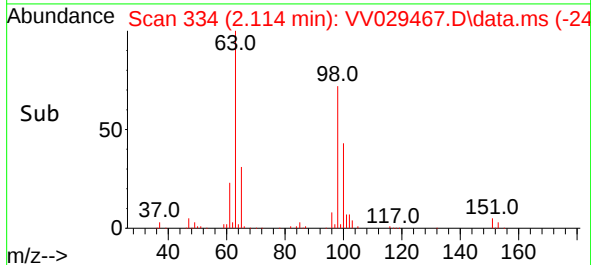
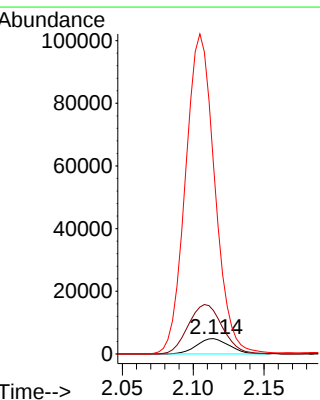
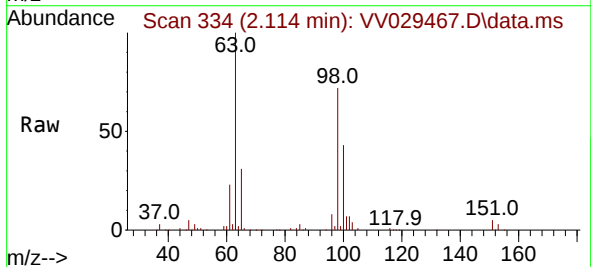
Tgt Ion: 96 Resp: 7829

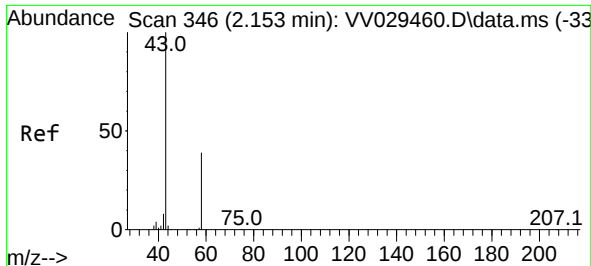
Ion Ratio Lower Upper

96 100

61 282.7 103.3 191.9#

63 1234.0 77.3 143.7#





#13

Acetone

Concen: 6.744 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 43 Resp: 8230

Ion Ratio Lower Upper

43 100

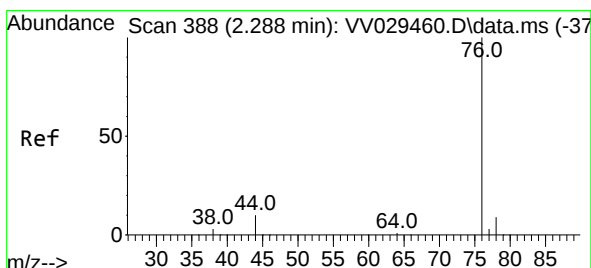
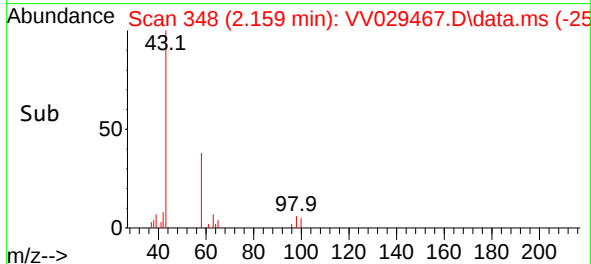
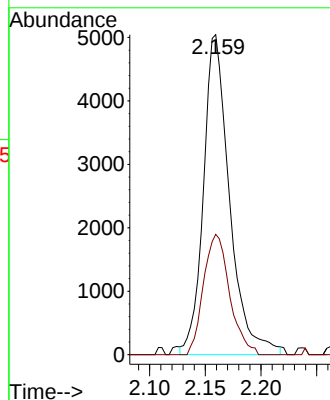
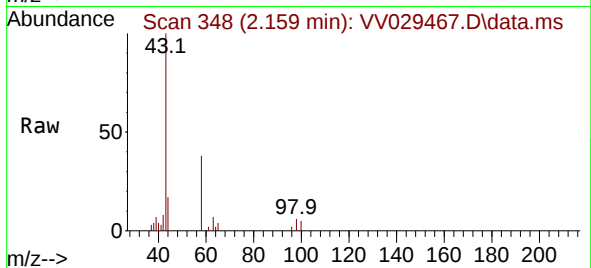
58 37.5 0.0 74.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 12/09/2022



#14

Carbon disulfide

Concen: 2.394 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029467.D

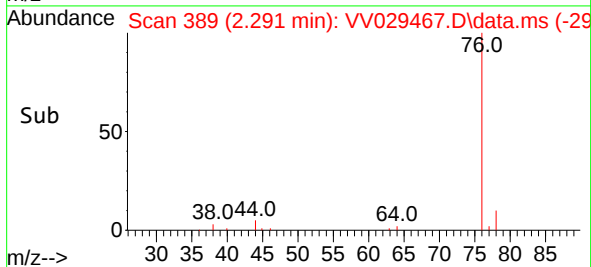
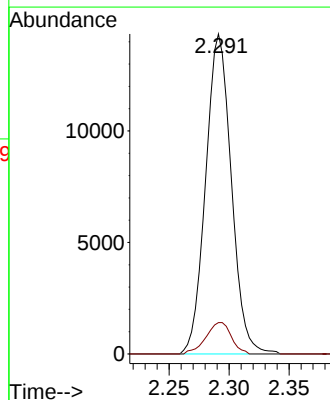
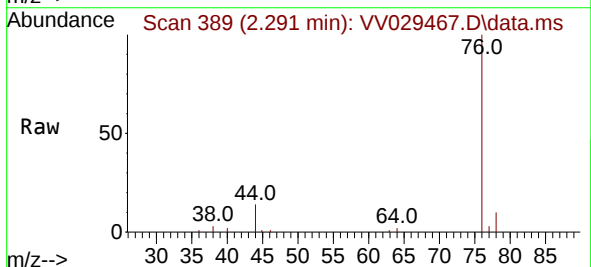
Acq: 08 Dec 2022 13:05

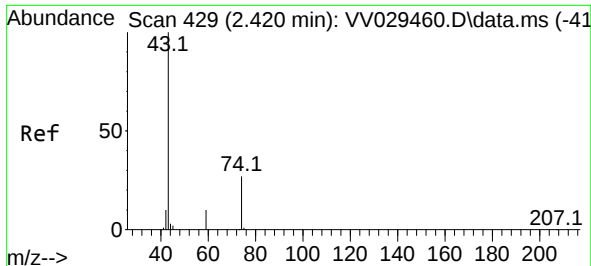
Tgt Ion: 76 Resp: 21351

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2





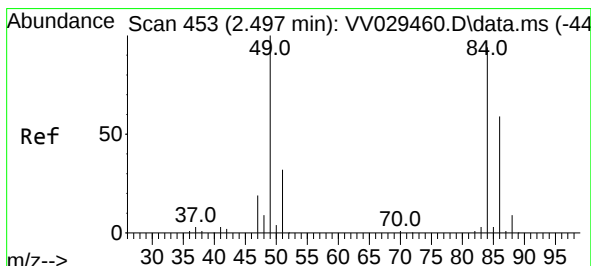
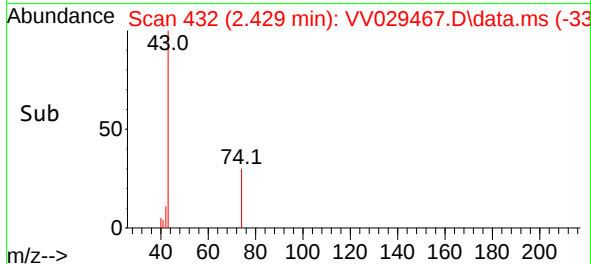
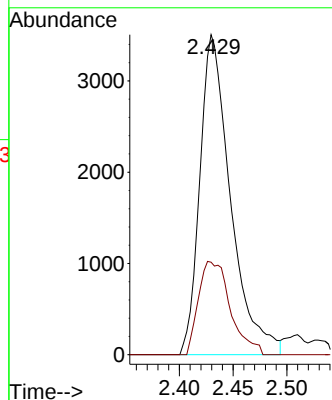
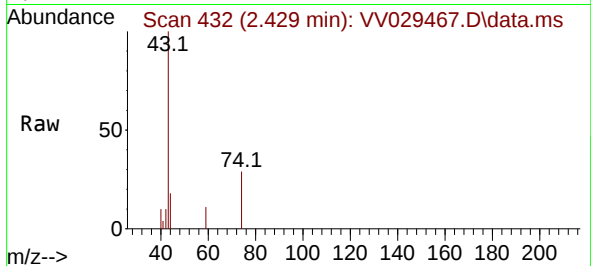
#15
Methyl Acetate
Concen: 2.506 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 6960
Ion Ratio Lower Upper
43 100
74 15.9 23.5 35.3

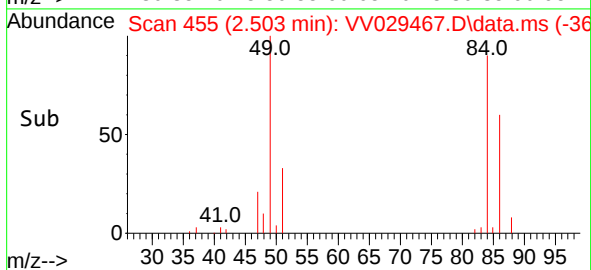
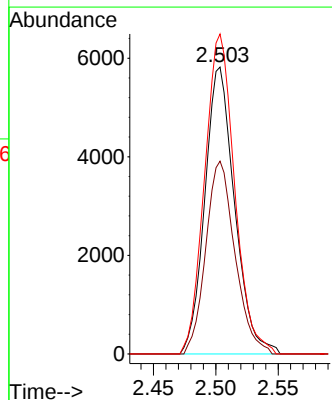
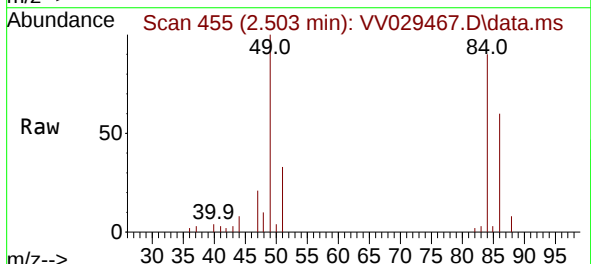
Manual Integrations
APPROVED

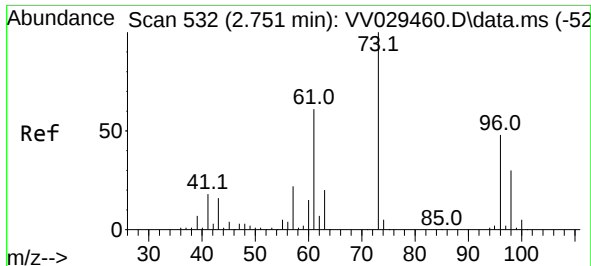
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#16
Methylene chloride
Concen: 2.913 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 84 Resp: 9708
Ion Ratio Lower Upper
84 100
86 67.2 46.0 85.4
49 111.5 72.2 134.0





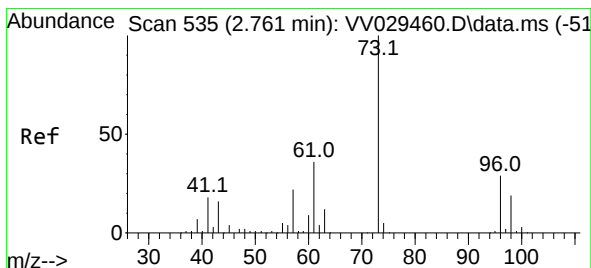
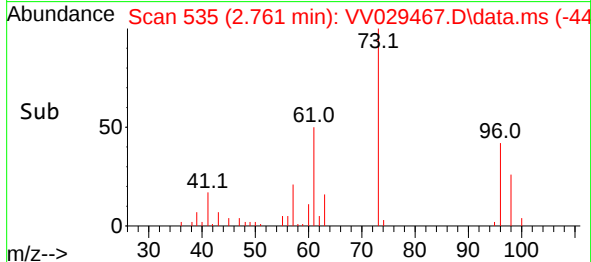
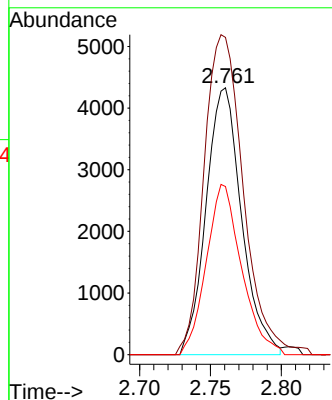
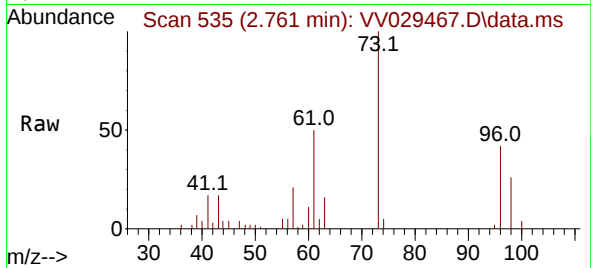
#17
trans-1,2-Dichloroethene
Concen: 2.448 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 96 Resp: 756
Ion Ratio Lower Upper
96 100
61 118.9 86.4 160.4
98 63.0 43.4 80.6

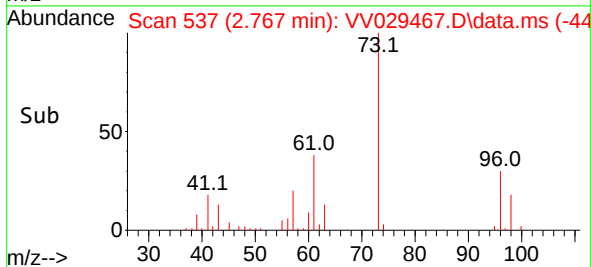
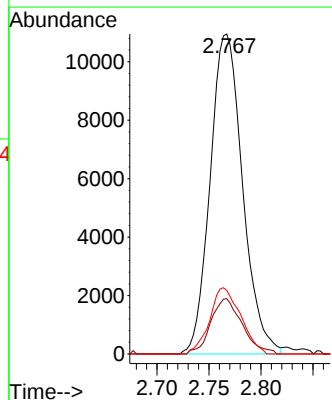
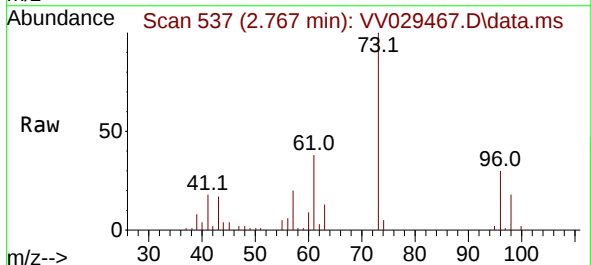
Manual Integrations
APPROVED

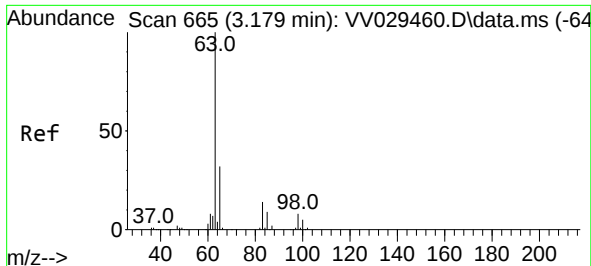
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#18
Methyl tert-butyl Ether
Concen: 2.513 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

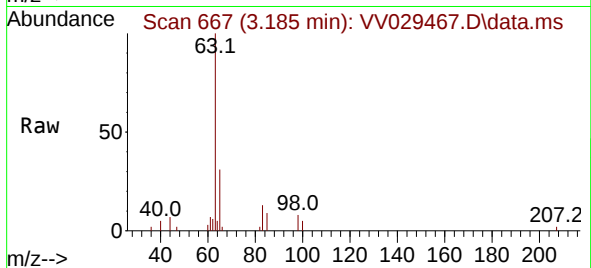
Tgt Ion: 73 Resp: 23781
Ion Ratio Lower Upper
73 100
43 16.8 12.7 19.1
57 19.8 16.7 25.1





#19
1,1-Dichloroethane
Concen: 2.546 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

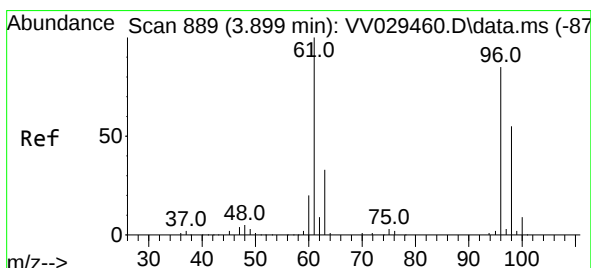
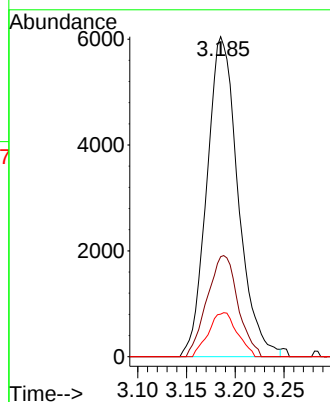
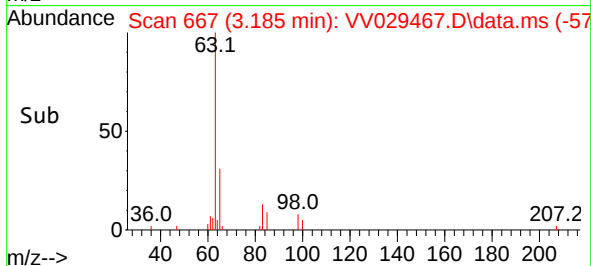
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 63 Resp: 13469
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.7
83 13.3 10.4 19.2

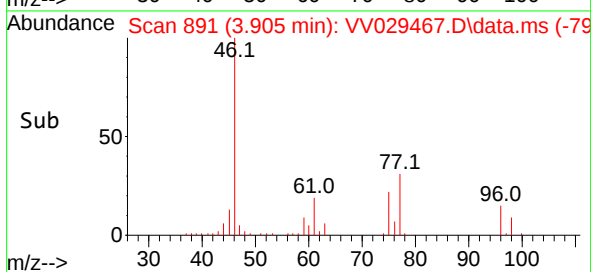
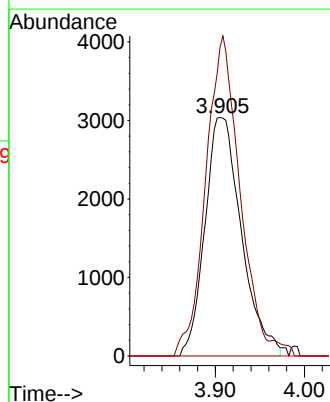
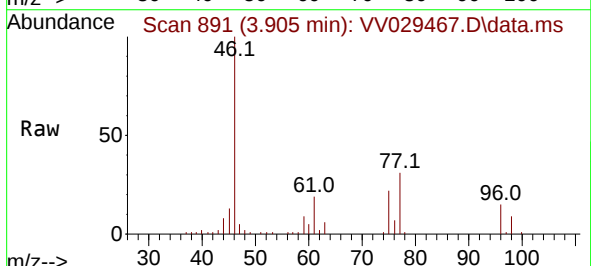
Manual Integrations
APPROVED

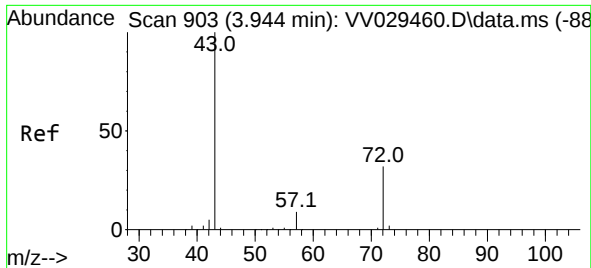
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#20
cis-1,2-Dichloroethene
Concen: 2.540 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 96 Resp: 8627
Ion Ratio Lower Upper
96 100
61 129.6 78.0 144.9
68 0.0 0.0 0.0





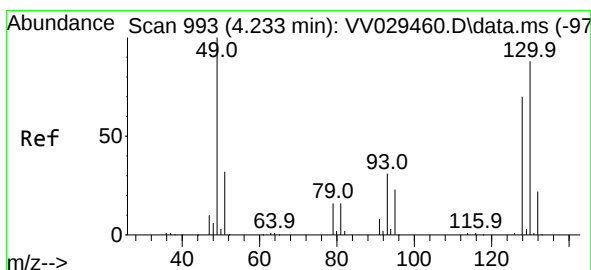
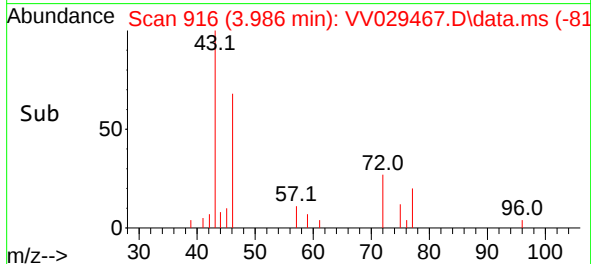
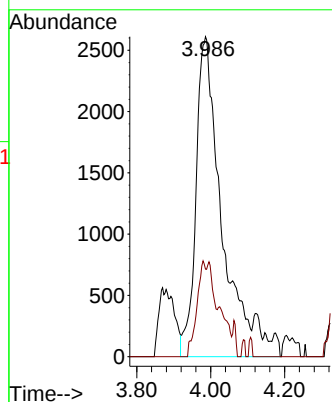
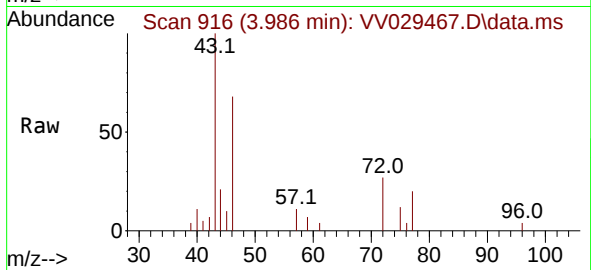
#22
2-Butanone
Concen: 6.659 ug/L m
RT: 3.986 min Scan# 916
Delta R.T. 0.032 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 12929
Ion Ratio Lower Upper
43 100
72 0.6 15.9 47.6

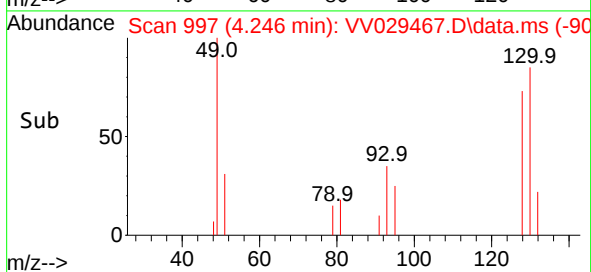
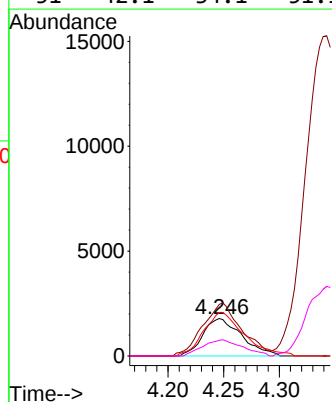
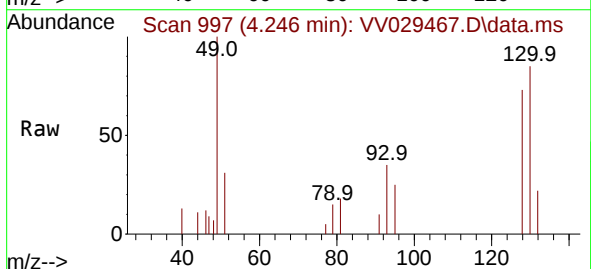
Manual Integrations
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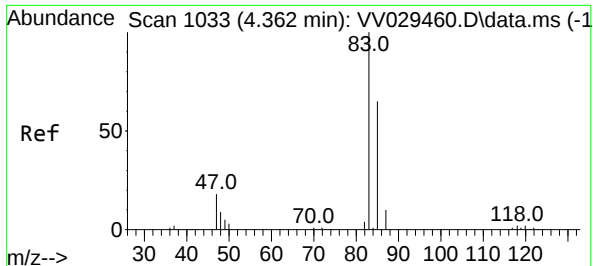
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#23
Bromochloromethane
Concen: 2.478 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.006 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:128 Resp: 4333
Ion Ratio Lower Upper
128 100
49 137.7 92.2 171.2
130 116.4 88.3 164.1
51 42.1 34.1 51.1





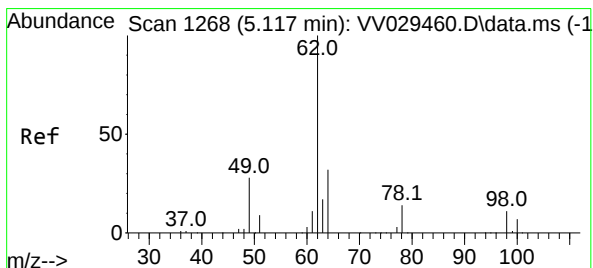
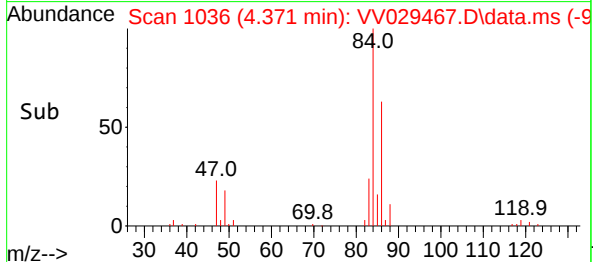
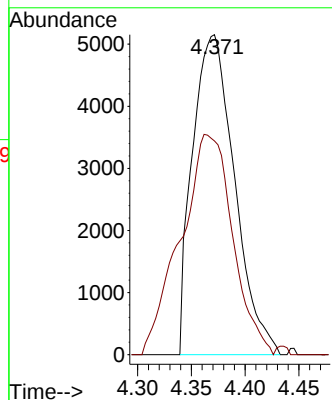
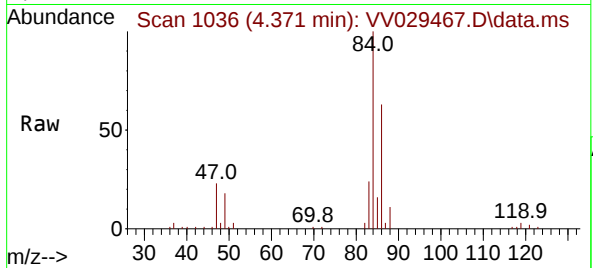
#25
Chloroform
Concen: 2.551 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 13994
Ion Ratio Lower Upper
83 100
85 66.8 45.1 83.9

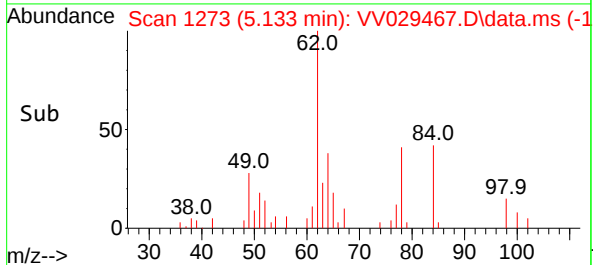
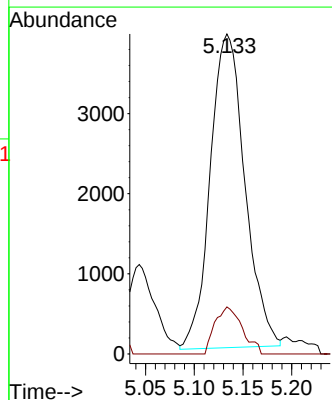
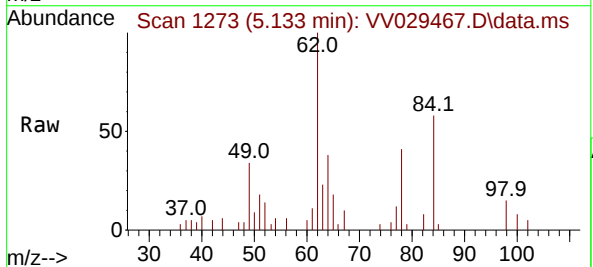
Manual Integrations
APPROVED

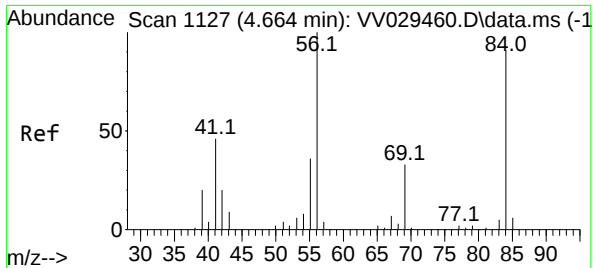
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#27
1,2-Dichloroethane
Concen: 2.499 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.010 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

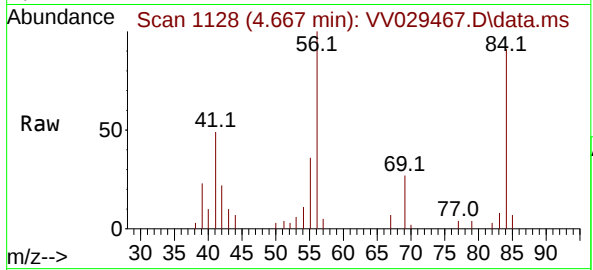
Tgt Ion: 62 Resp: 9683
Ion Ratio Lower Upper
62 100
98 14.7 9.4 14.0#





#29
Cyclohexane
Concen: 2.291 ug/L
RT: 4.667 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

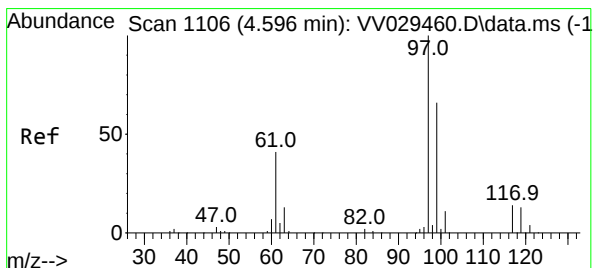
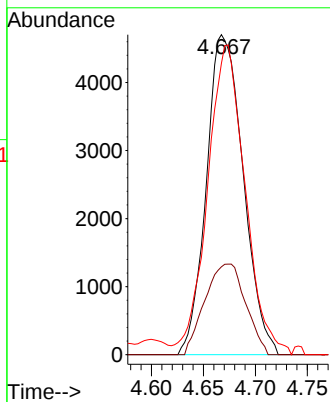
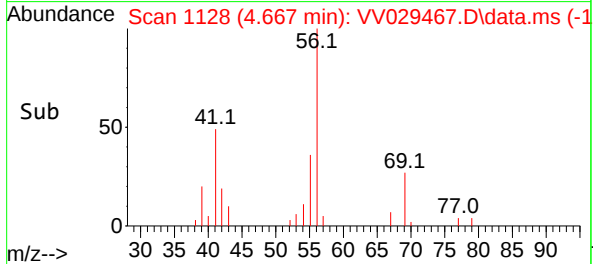
Instrument :
MSVOA_V
ClientSampleId :
MDL04



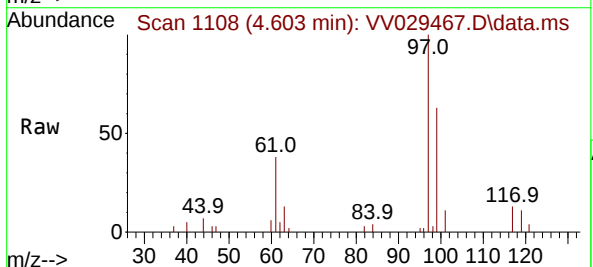
Tgt Ion: 56 Resp: 11594
Ion Ratio Lower Upper
56 100
69 31.2 25.8 38.8
84 98.7 76.6 114.8

Manual Integrations
APPROVED

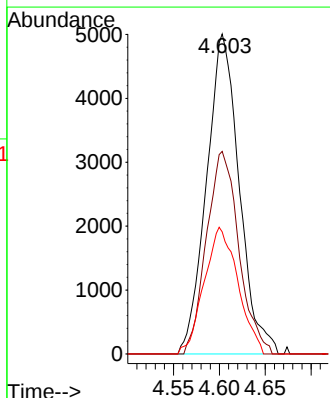
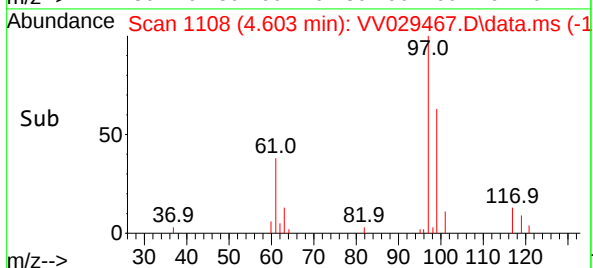
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

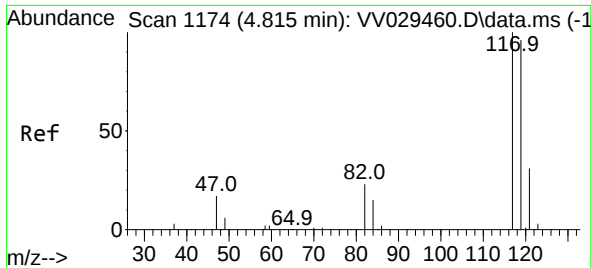


#30
1,1,1-Trichloroethane
Concen: 2.441 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05



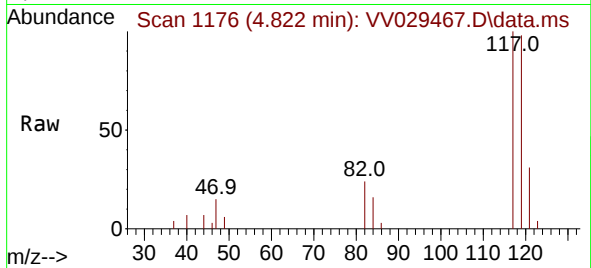
Tgt Ion: 97 Resp: 12425
Ion Ratio Lower Upper
97 100
99 62.6 52.1 78.1
61 40.9 31.8 47.8





#31
Carbon tetrachloride
Concen: 2.270 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

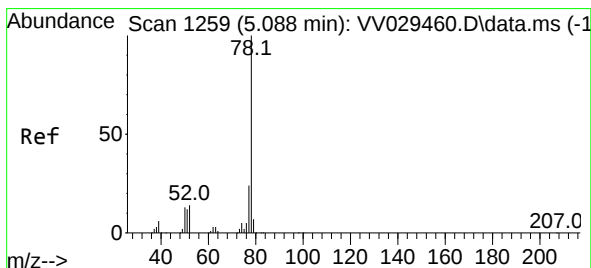
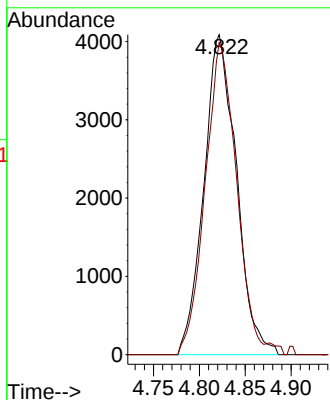
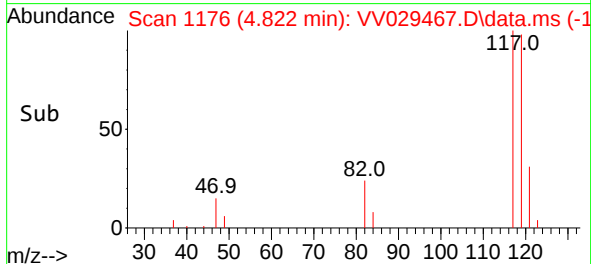
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion:117 Resp: 1008
Ion Ratio Lower Upper
117 100
119 93.3 76.7 115.1

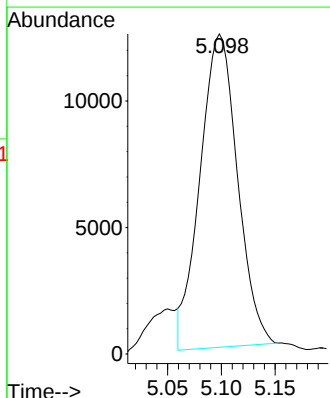
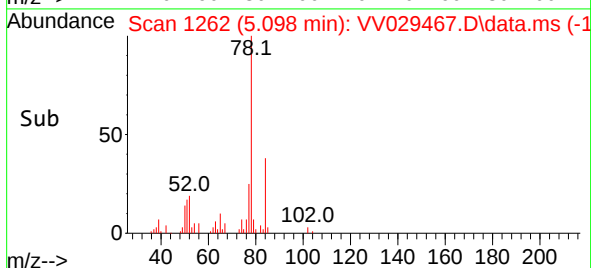
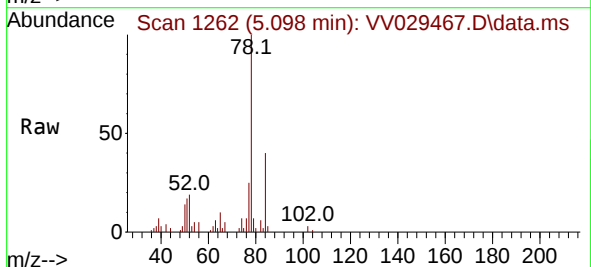
Manual Integrations
APPROVED

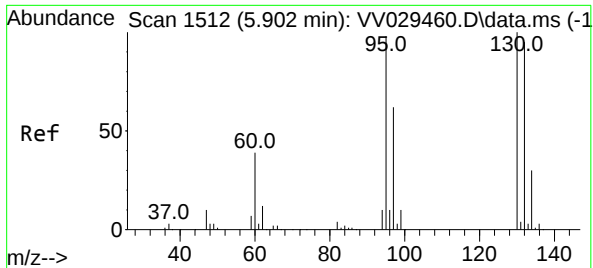
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#33
Benzene
Concen: 2.280 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 78 Resp: 30029





#34

Trichloroethene

Concen: 2.414 ug/L

RT: 5.912 min Scan# 1512

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 95 Resp: 7960

Ion Ratio Lower Upper

95 100

97 62.3 44.0 81.8

132 95.3 69.9 129.9

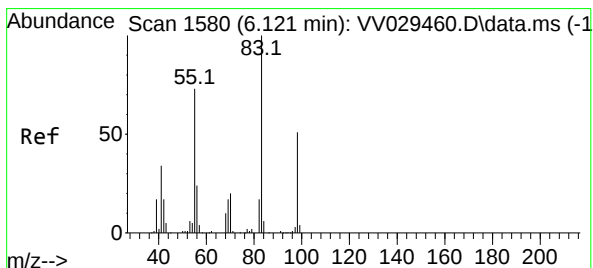
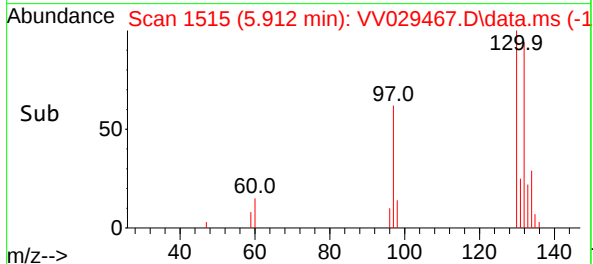
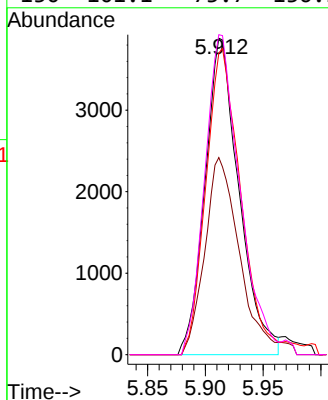
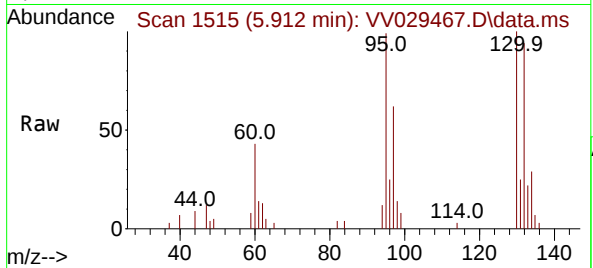
130 101.1 73.7 136.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#35

Methylcyclohexane

Concen: 2.379 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

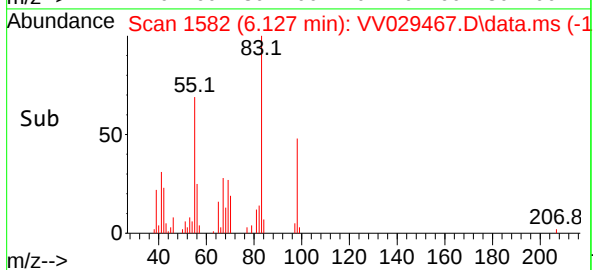
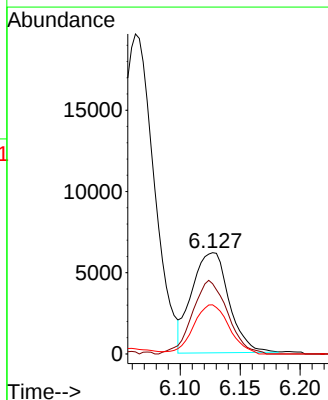
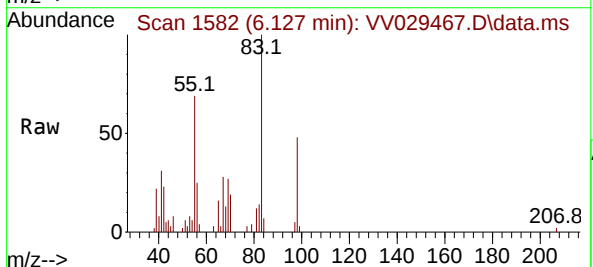
Tgt Ion: 83 Resp: 13331

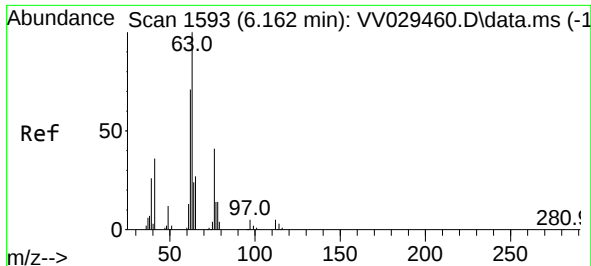
Ion Ratio Lower Upper

83 100

55 69.4 55.5 83.3

98 47.0 39.8 59.8





#37

1,2-Dichloropropane

Concen: 2.329 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 63 Resp: 740

Ion Ratio Lower Upper

63 100

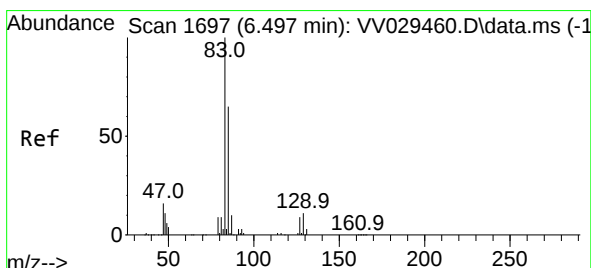
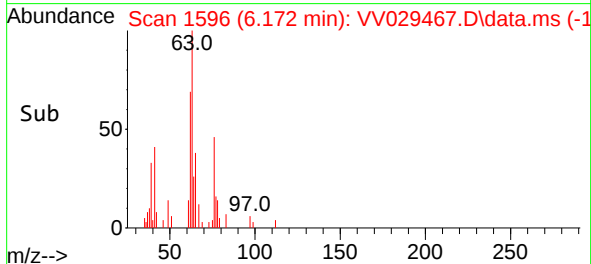
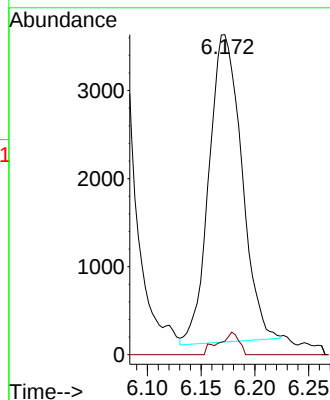
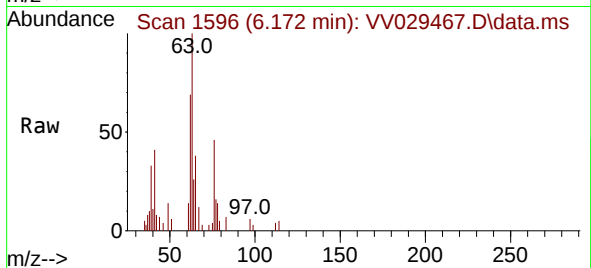
112 3.6 3.9 5.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#38

Bromodichloromethane

Concen: 2.258 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

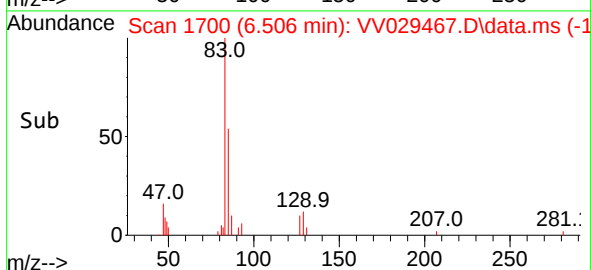
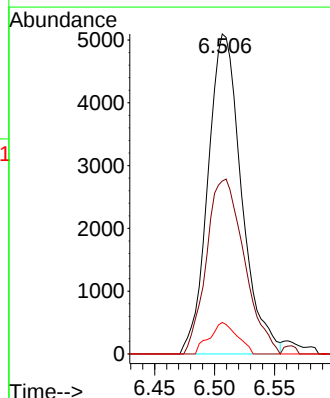
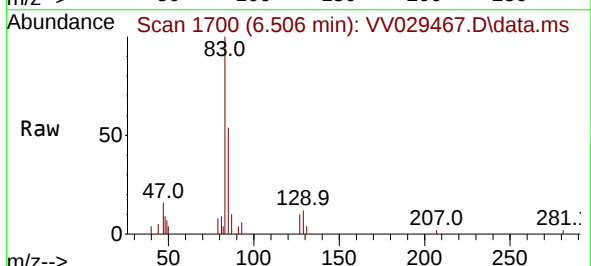
Tgt Ion: 83 Resp: 9908

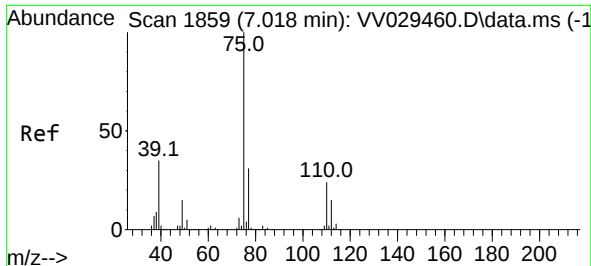
Ion Ratio Lower Upper

83 100

85 54.1 45.3 84.1

127 9.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.026 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.006 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

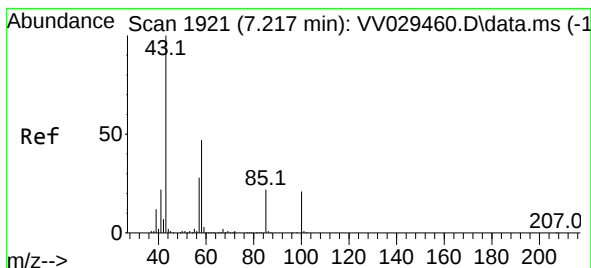
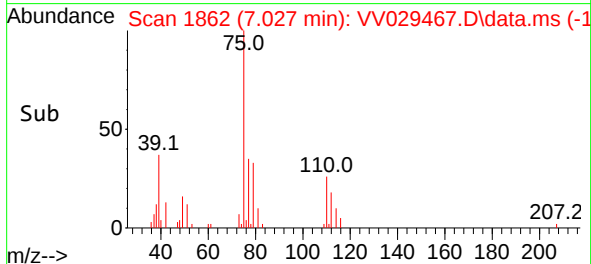
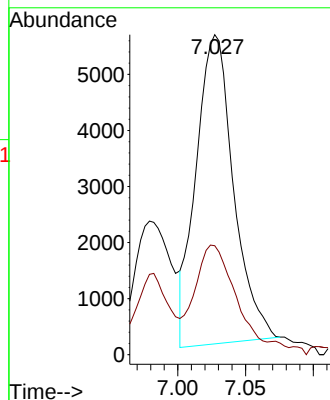
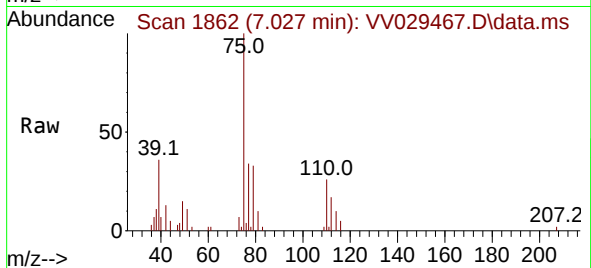
77 34.1 21.9 40.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#40

4-Methyl-2-pentanone

Concen: 4.807 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

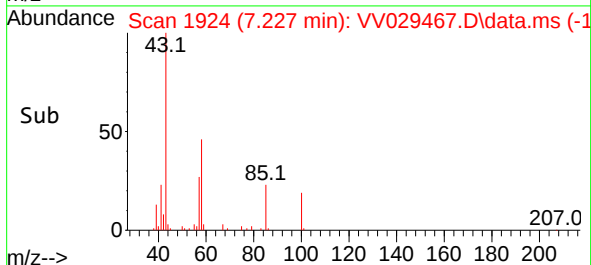
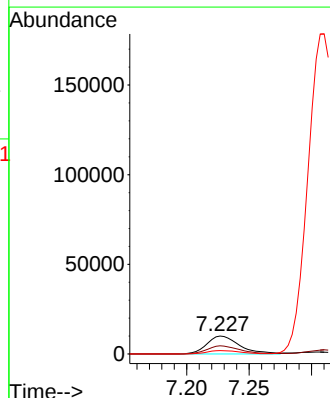
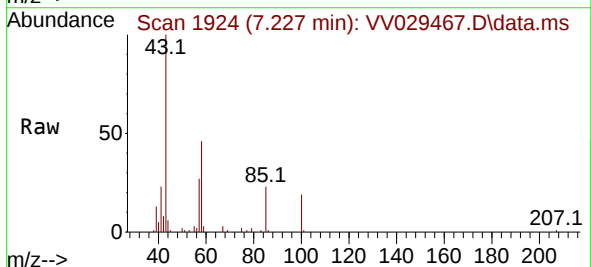
Tgt Ion: 43 Resp: 18216

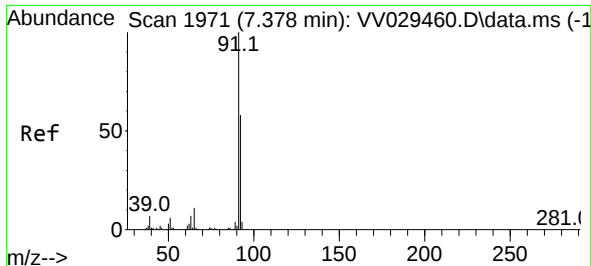
Ion Ratio Lower Upper

43 100

58 46.5 37.5 56.3

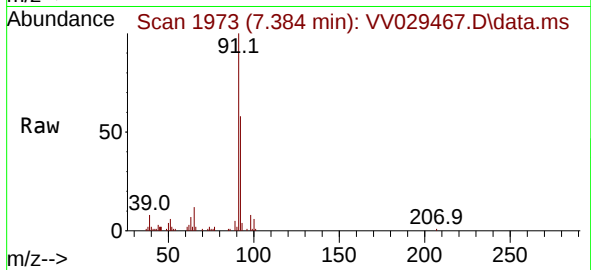
100 19.4 16.7 25.1





#42
Toluene
Concen: 2.360 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

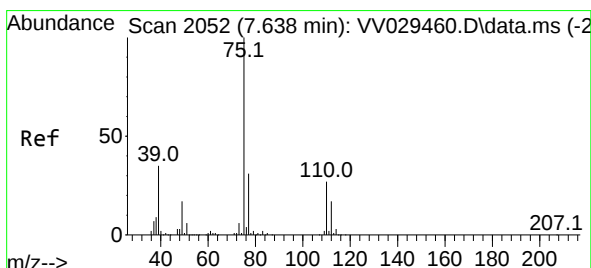
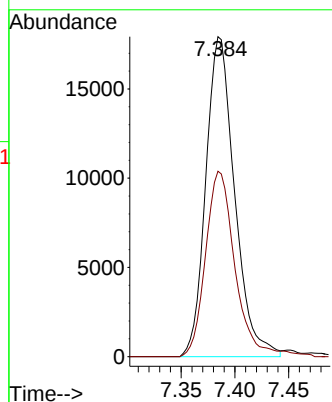
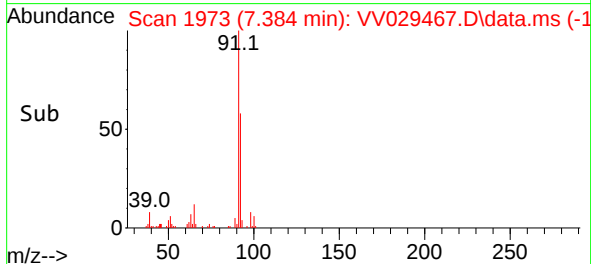
Instrument :
MSVOA_V
ClientSampleId :
MDL04



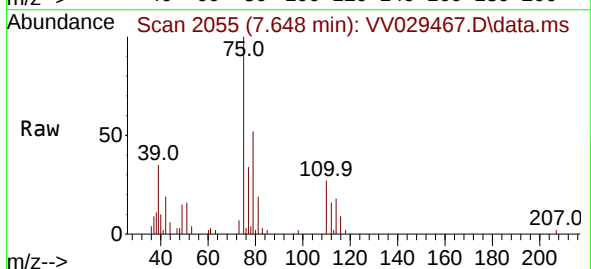
Tgt Ion: 91 Resp: 33449
Ion Ratio Lower Upper
91 100
92 58.0 40.6 75.4

Manual Integrations
APPROVED

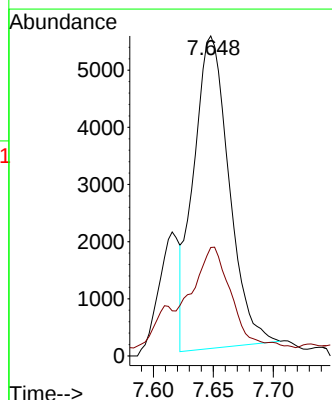
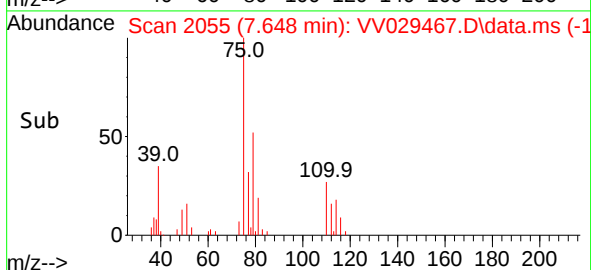
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

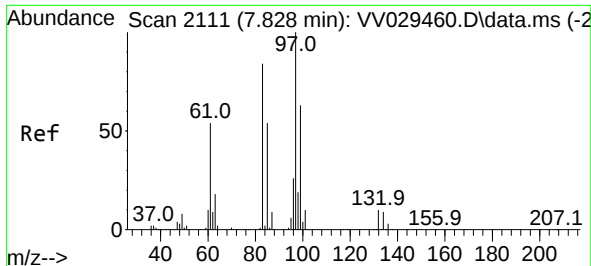


#44
trans-1,3-Dichloropropene
Concen: 2.267 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05



Tgt Ion: 75 Resp: 11223
Ion Ratio Lower Upper
75 100
77 33.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 2.375 ug/L

RT: 7.834 min Scan# 2111

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 97 Resp: 7800

Ion Ratio Lower Upper

97 100

99 57.5 43.8 81.3

83 88.3 58.6 108.8

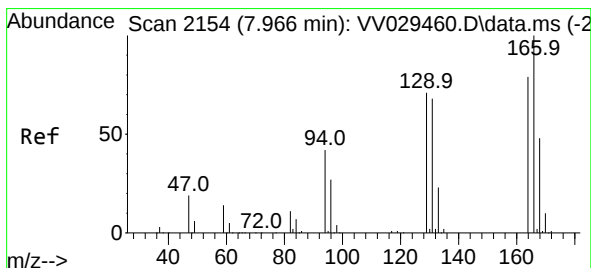
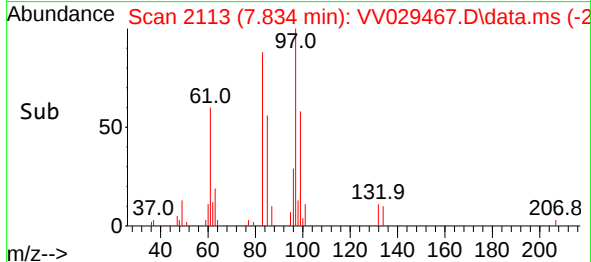
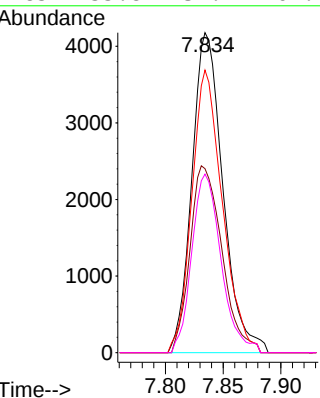
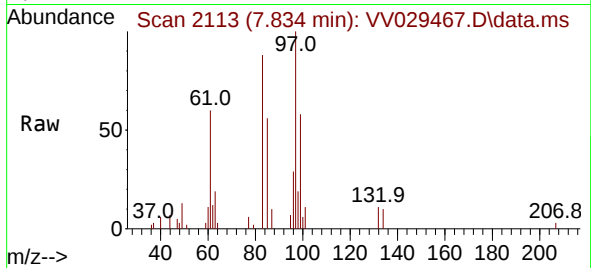
85 55.8 37.2 69.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#46

Tetrachloroethene

Concen: 2.541 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Tgt Ion:164 Resp: 6742

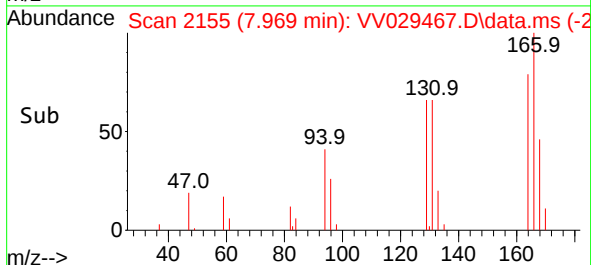
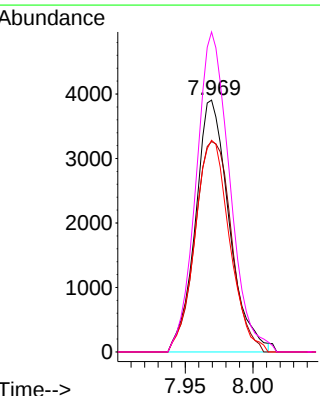
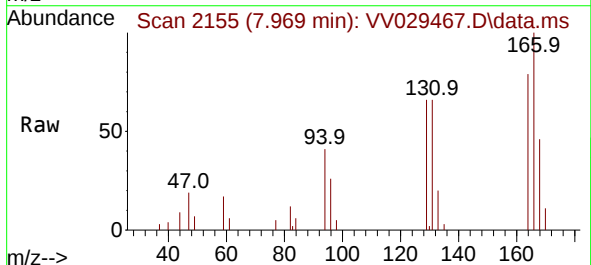
Ion Ratio Lower Upper

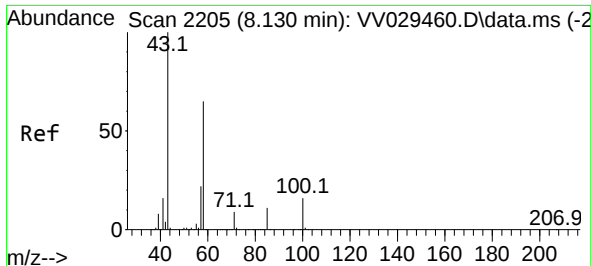
164 100

129 83.5 65.3 121.3

131 84.1 63.1 117.1

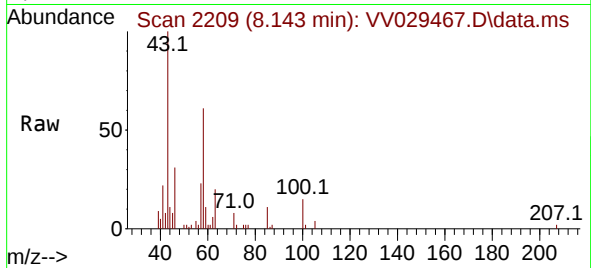
166 127.1 90.8 168.6





#48
2-Hexanone
Concen: 5.241 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.010 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

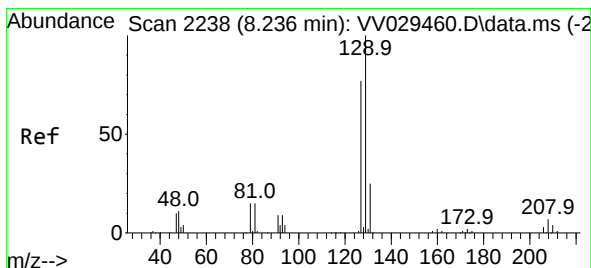
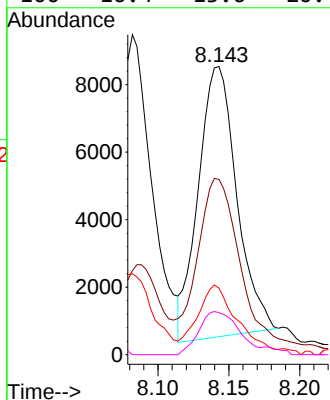
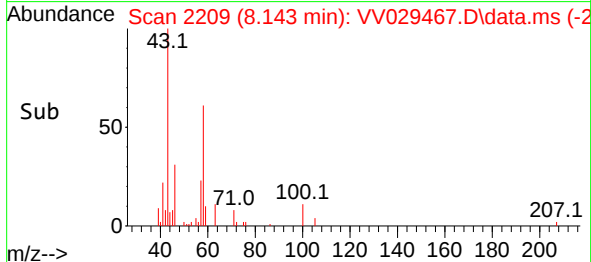
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
58 77.1 54.1 81.1
57 27.0 17.4 26.0
100 16.4 13.6 20.4

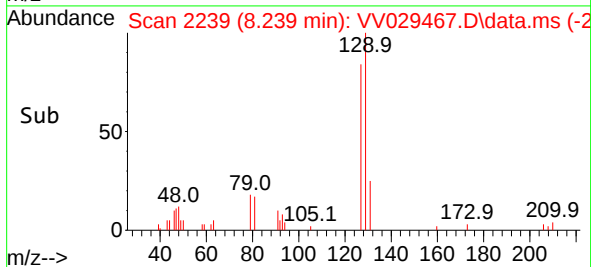
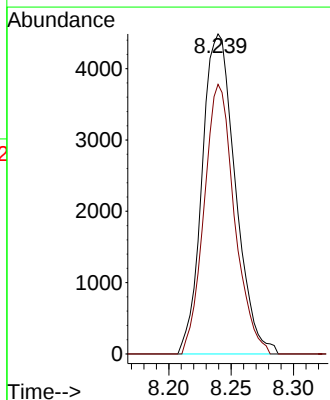
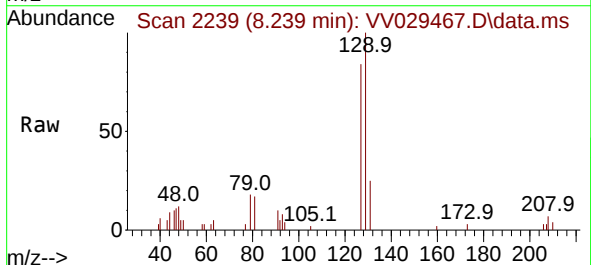
Manual Integrations
APPROVED

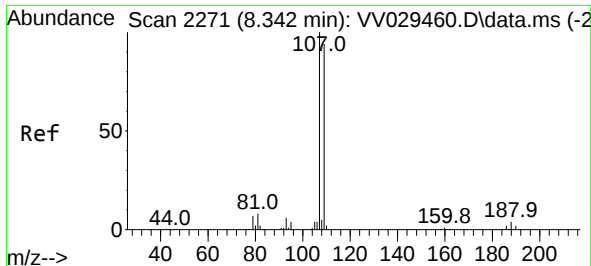
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#49
Dibromochloromethane
Concen: 2.298 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:129 Resp: 8331
Ion Ratio Lower Upper
129 100
127 84.3 55.2 102.4





#50

1,2-Dibromoethane

Concen: 2.375 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

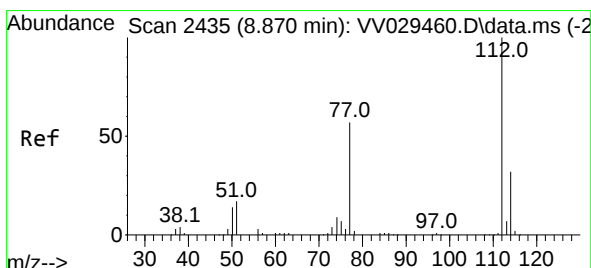
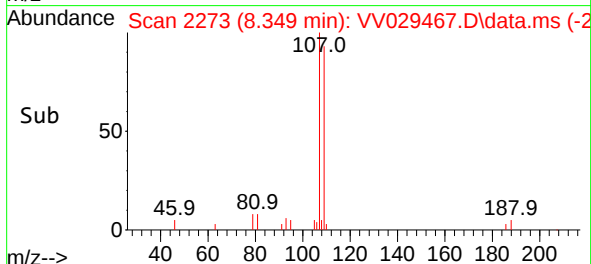
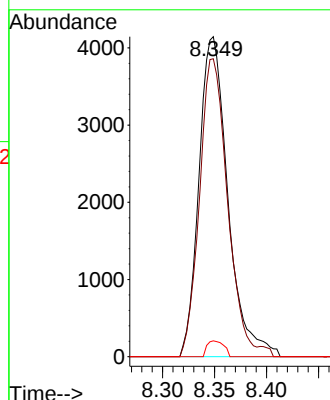
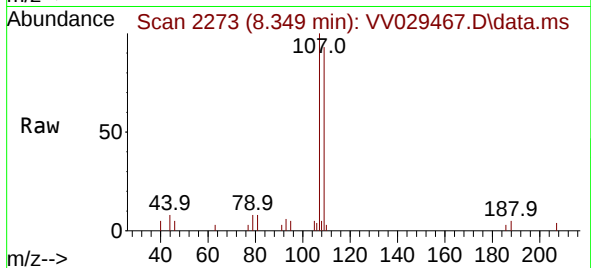
Tgt Ion:	107	Resp:	803
Ion Ratio	Lower	Upper	
107	100		
109	93.1	66.0	122.6
188	5.0	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#51

Chlorobenzene

Concen: 2.502 ug/L

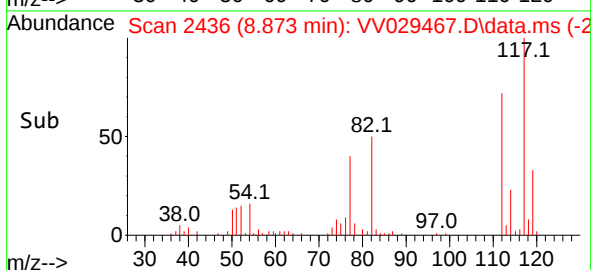
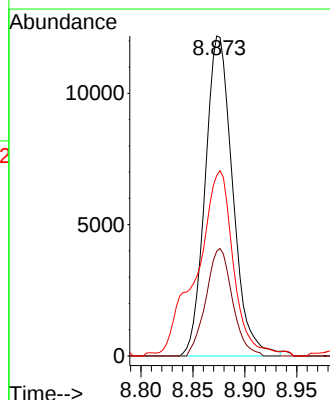
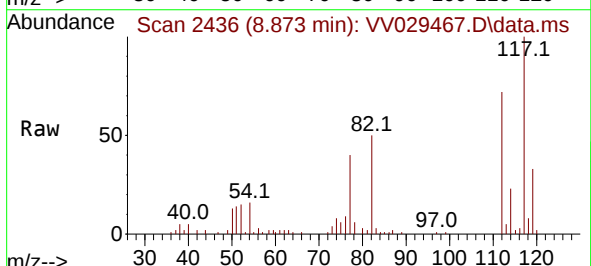
RT: 8.873 min Scan# 2436

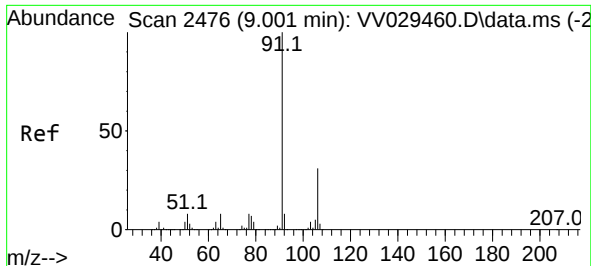
Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Tgt Ion:	112	Resp:	22454
Ion Ratio	Lower	Upper	
112	100		
114	32.7	22.3	41.3
77	56.3	45.0	67.4





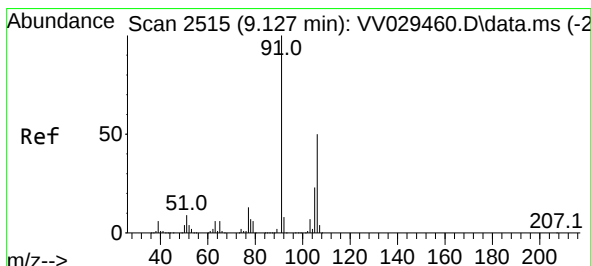
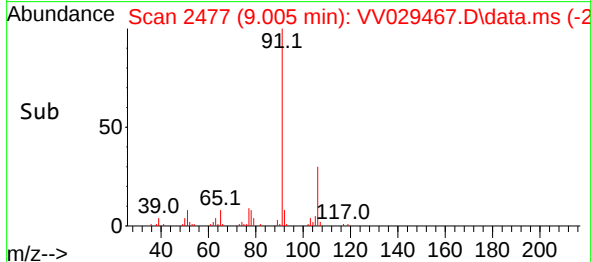
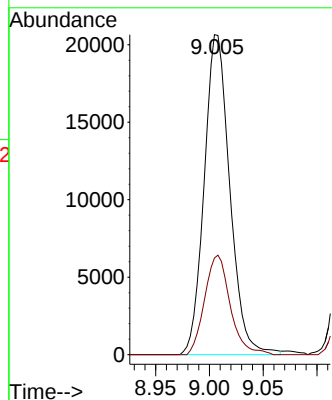
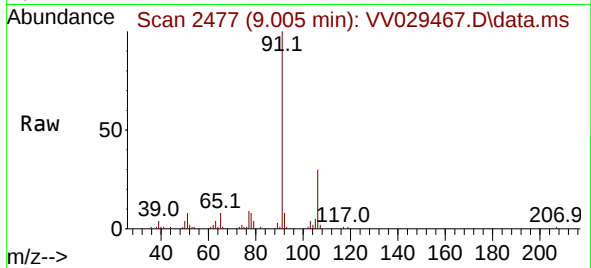
#52
Ethylbenzene
Concen: 2.297 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 3423
Ion Ratio Lower Upper
91 100
106 30.2 21.8 40.6

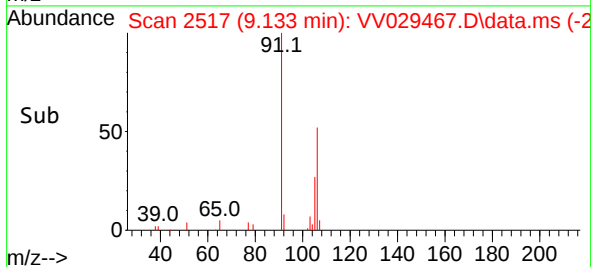
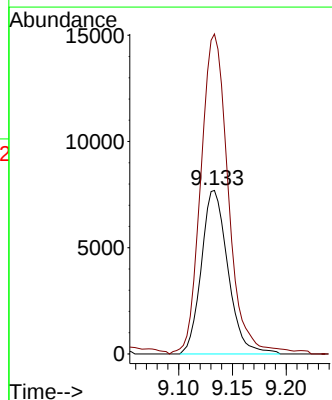
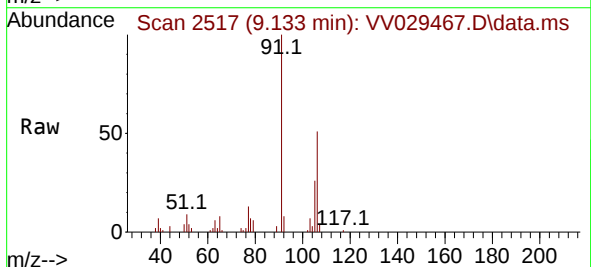
Manual Integrations
APPROVED

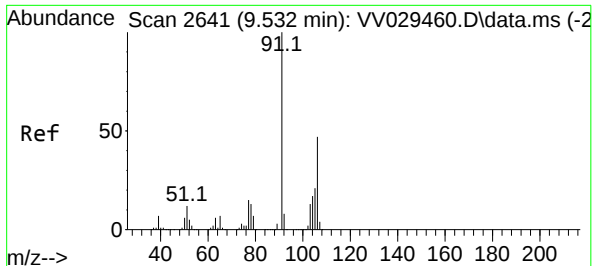
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#53
m,p-Xylene
Concen: 2.247 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:106 Resp: 13252
Ion Ratio Lower Upper
106 100
91 195.6 139.5 259.1





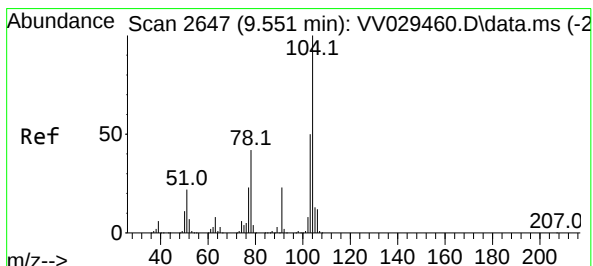
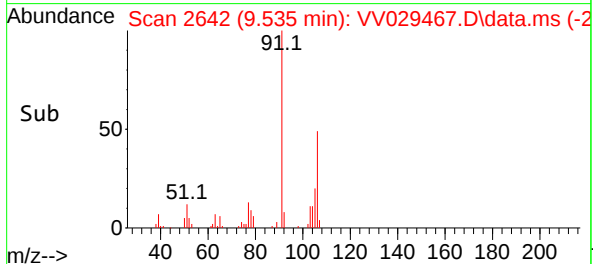
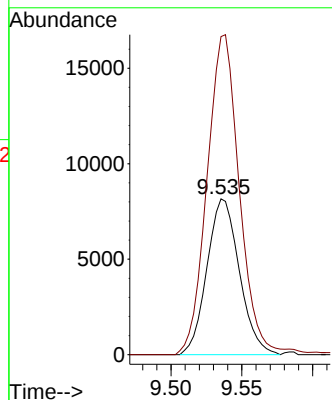
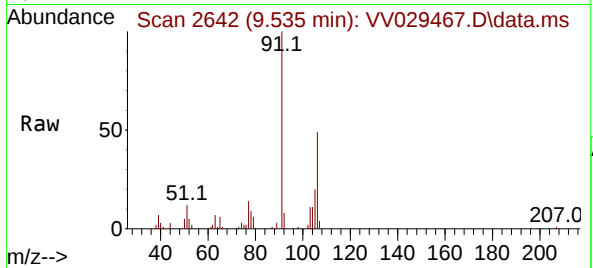
#54
o-Xylene
Concen: 2.225 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 12980
Ion Ratio Lower Upper
106 100
91 204.1 148.0 274.8

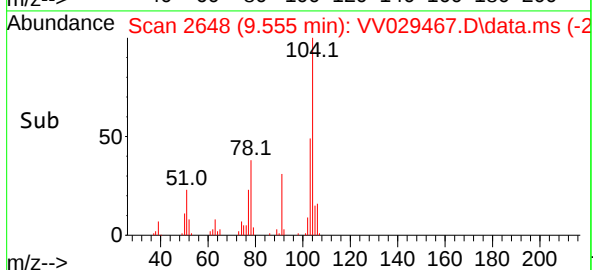
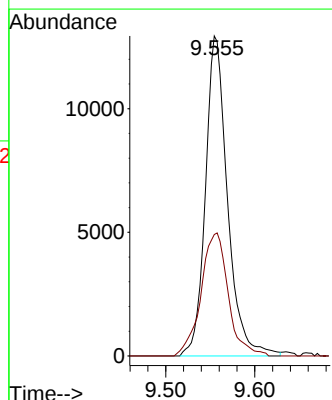
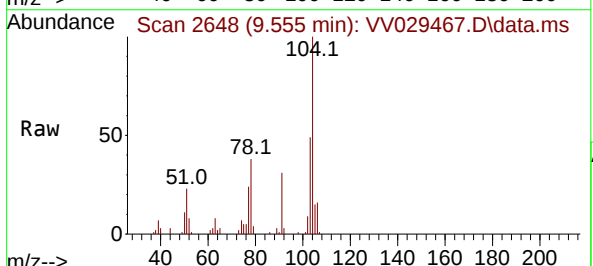
Manual Integrations
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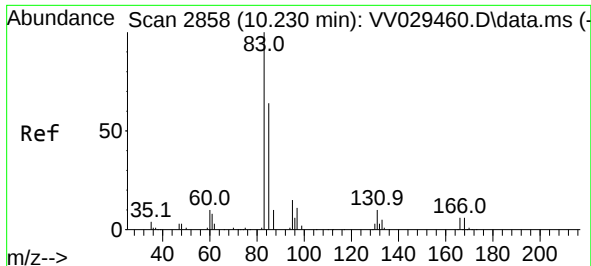
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#55
Styrene
Concen: 2.198 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:104 Resp: 22281
Ion Ratio Lower Upper
104 100
78 38.0 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.532 ug/L

RT: 10.233 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

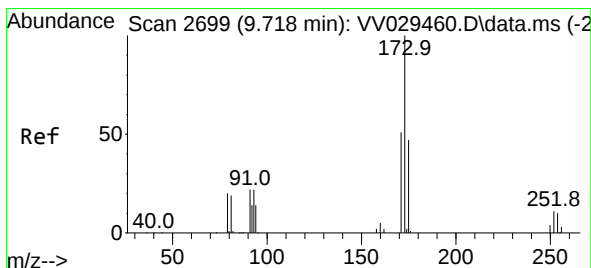
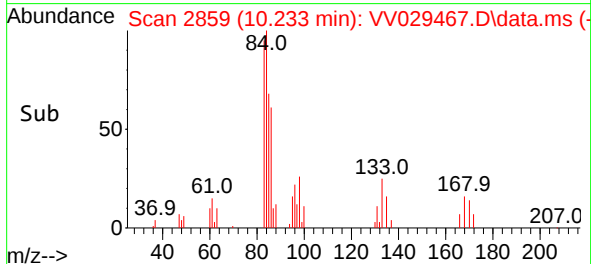
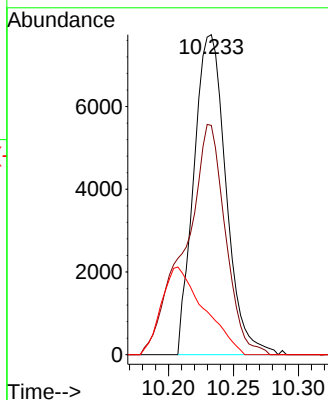
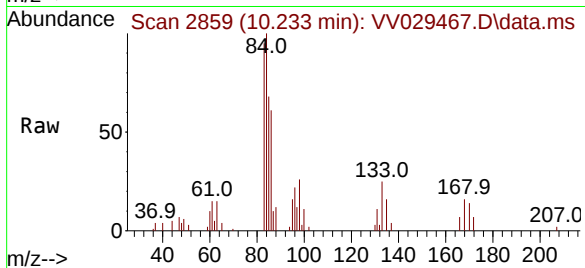
Tgt Ion:	83	Resp:	13298
Ion	Ratio	Lower	Upper
83	100		
85	71.6	45.7	84.9
131	12.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#59

Bromoform

Concen: 2.244 ug/L

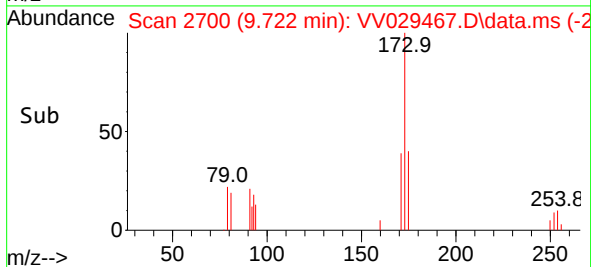
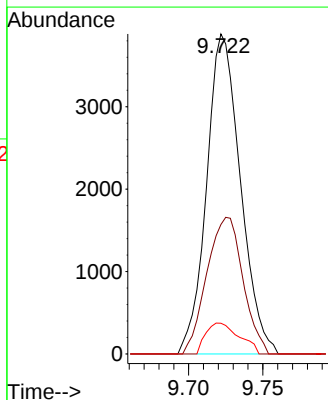
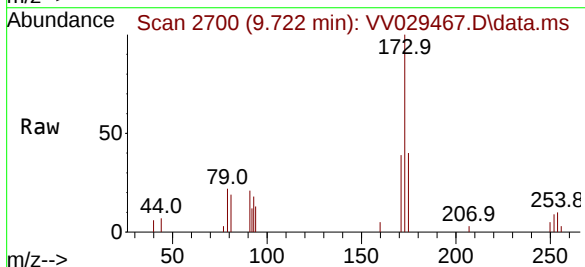
RT: 9.722 min Scan# 2700

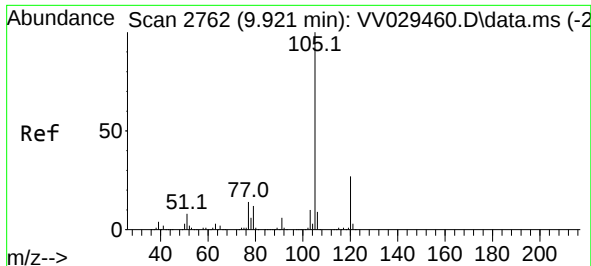
Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

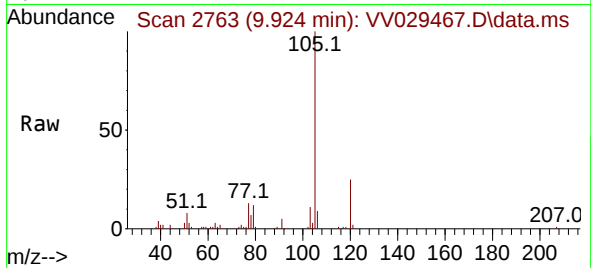
Tgt Ion:	173	Resp:	6147
Ion	Ratio	Lower	Upper
173	100		
175	45.5	38.4	57.6
254	9.6	7.8	11.8





#60
Isopropylbenzene
Concen: 2.320 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

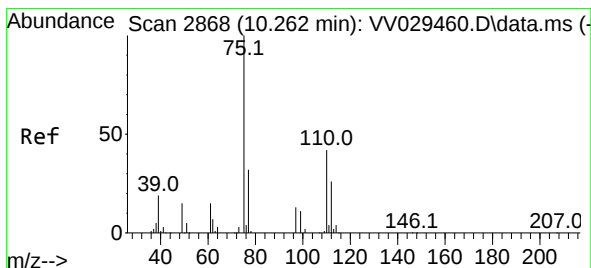
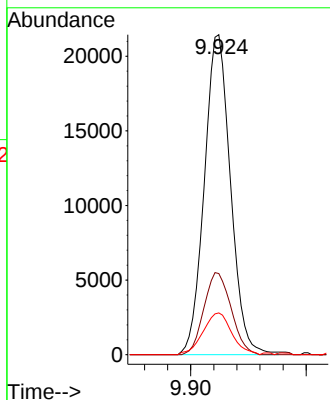
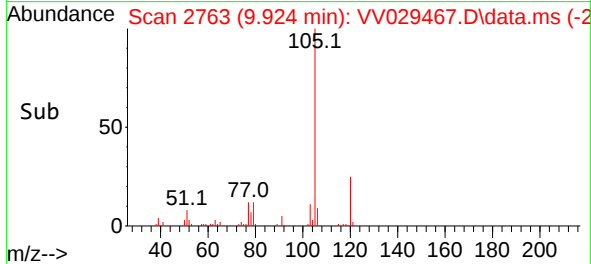
Instrument :
MSVOA_V
ClientSampleId :
MDL04



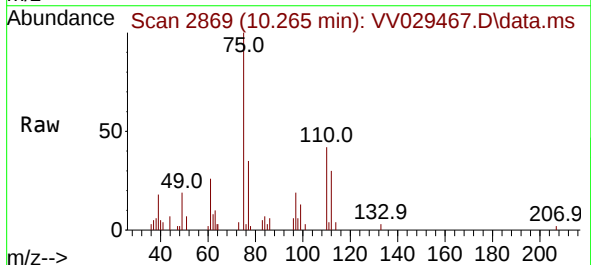
Tgt Ion:105 Resp: 3377
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 14.3 11.6 17.4

Manual Integrations
APPROVED

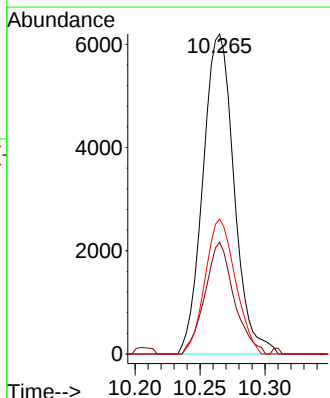
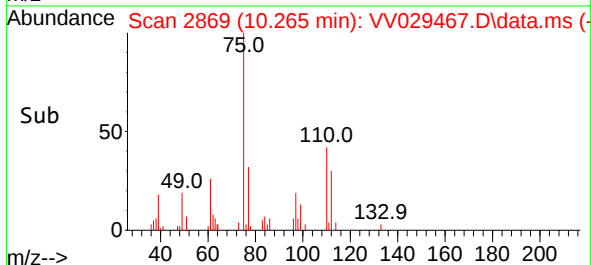
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

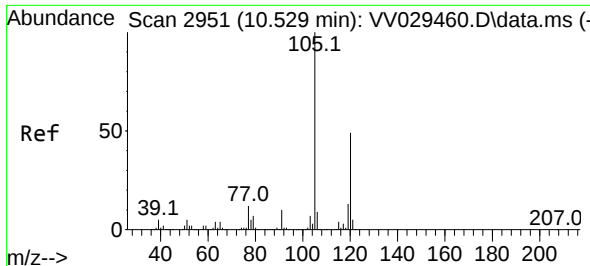


#61
1,2,3-Trichloropropane
Concen: 2.696 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05



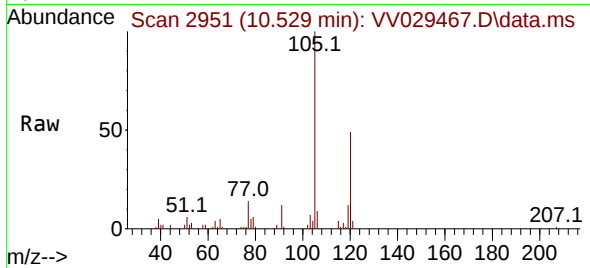
Tgt Ion: 75 Resp: 10319
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2
110 41.0 32.7 49.1





#62
1,3,5-Trimethylbenzene
Concen: 2.237 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

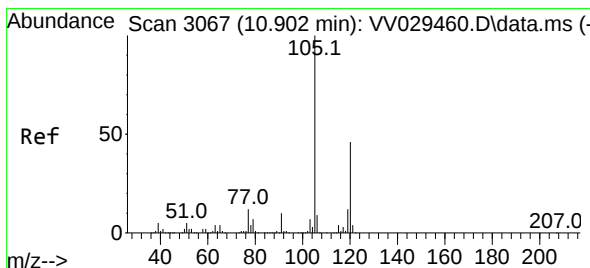
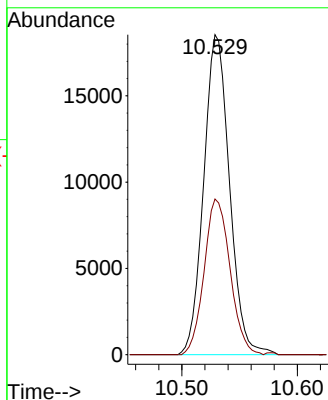
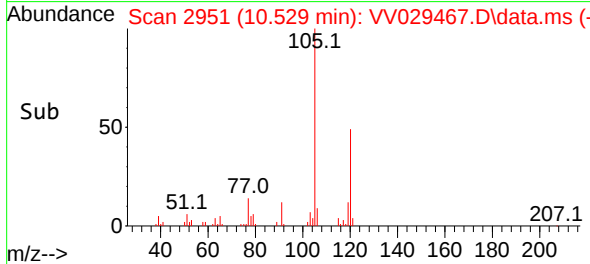
Instrument :
MSVOA_V
ClientSampleId :
MDL04



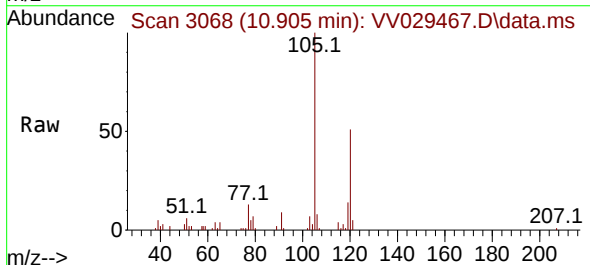
Tgt Ion:105 Resp: 28794
Ion Ratio Lower Upper
105 100
120 48.9 40.0 60.0

Manual Integrations
APPROVED

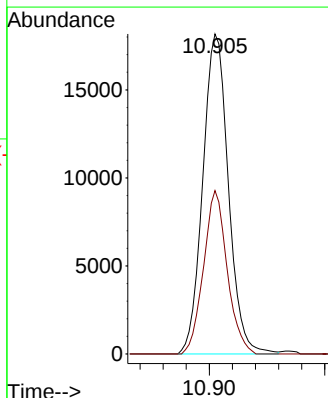
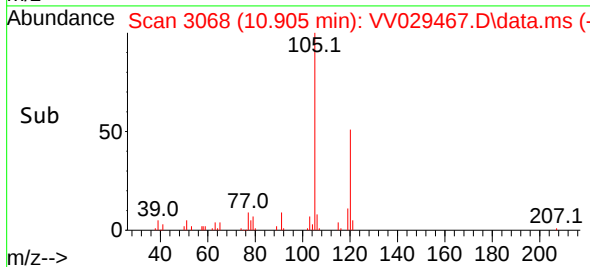
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

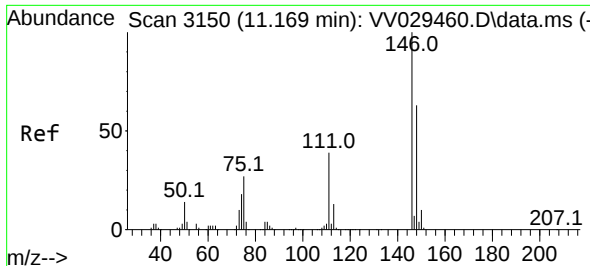


#63
1,2,4-Trimethylbenzene
Concen: 2.191 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05



Tgt Ion:105 Resp: 27959
Ion Ratio Lower Upper
105 100
120 47.1 36.7 55.1





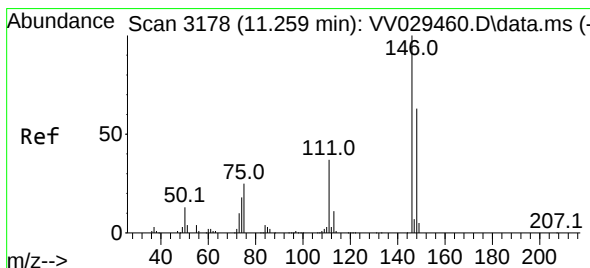
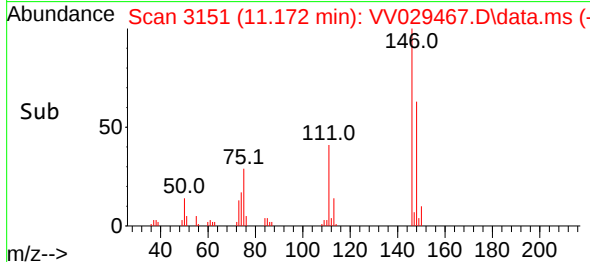
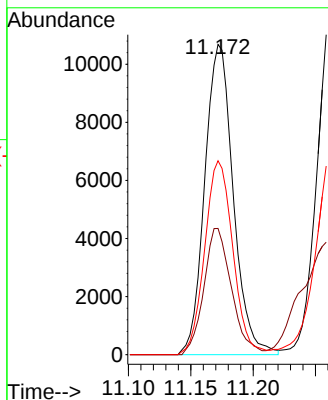
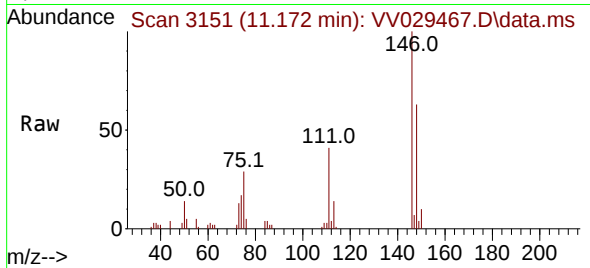
#64
1,3-Dichlorobenzene
Concen: 2.392 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 17028
Ion Ratio Lower Upper
146 100
111 40.7 27.4 51.0
148 62.5 44.6 82.8

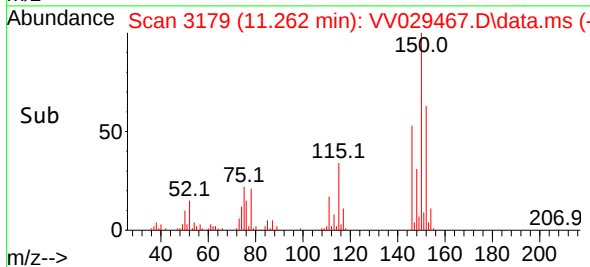
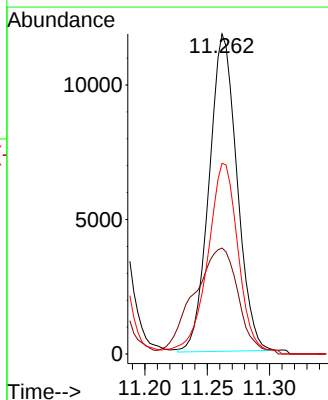
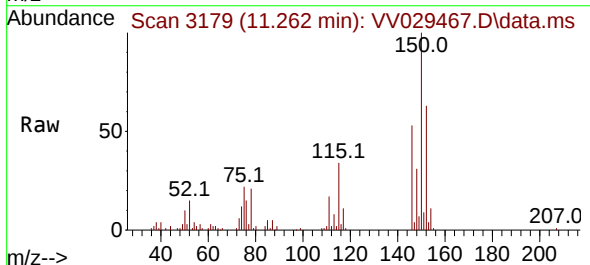
Manual Integrations
APPROVED

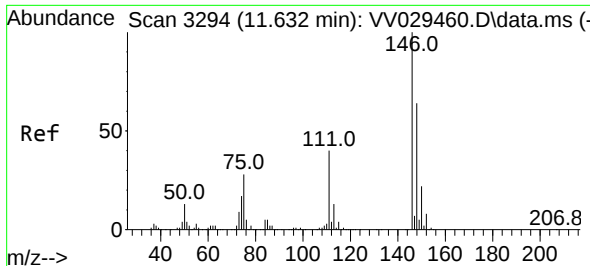
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#65
1,4-Dichlorobenzene
Concen: 2.541 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

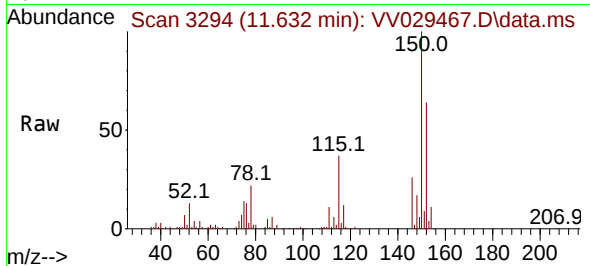
Tgt Ion:146 Resp: 18386
Ion Ratio Lower Upper
146 100
111 33.1 26.2 48.8
148 59.6 44.7 83.1





#67
1,2-Dichlorobenzene
Concen: 2.580 ug/L
RT: 11.632 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

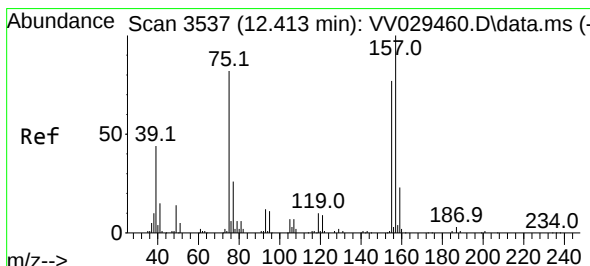
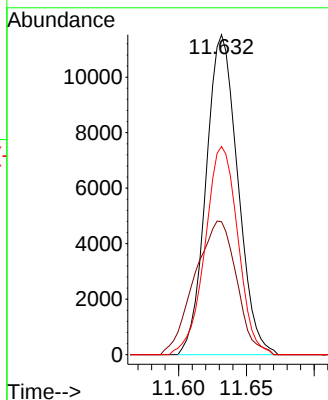
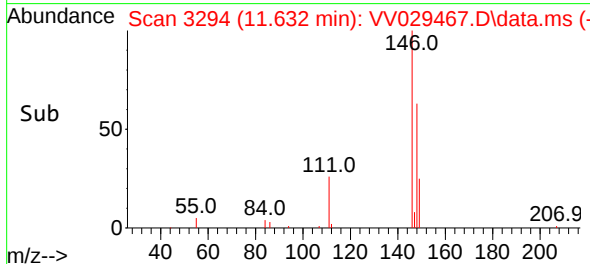
Instrument :
MSVOA_V
ClientSampleId :
MDL04



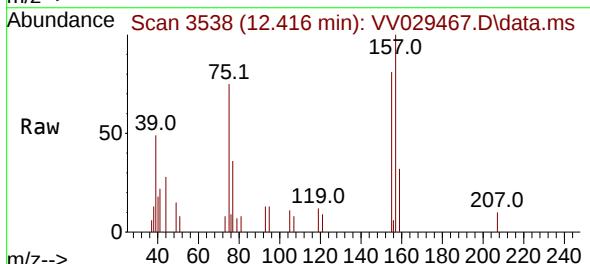
Tgt Ion:146 Resp: 1877
Ion Ratio Lower Upper
146 100
111 41.6 32.0 48.0
148 65.1 50.6 76.0

Manual Integrations
APPROVED

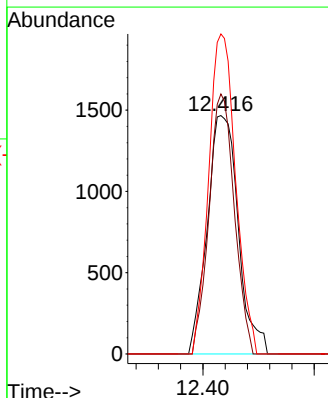
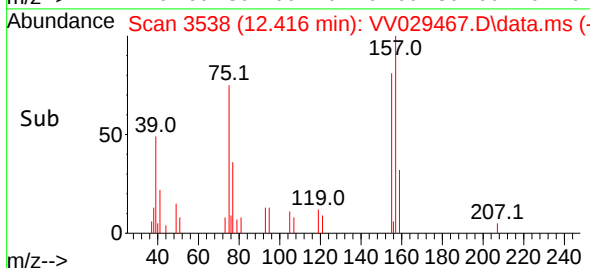
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

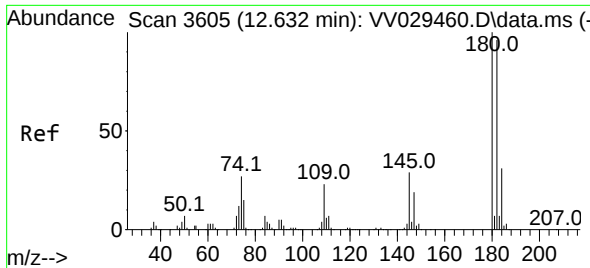


#68
1,2-Dibromo-3-chloropropane
Concen: 2.382 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05



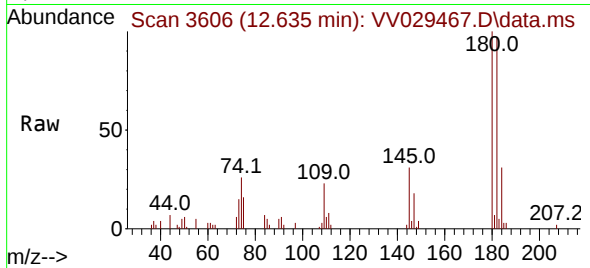
Tgt Ion: 75 Resp: 2834
Ion Ratio Lower Upper
75 100
155 109.1 76.2 114.2
157 134.2 96.0 144.0





#69
 1,3,5-Trichlorobenzene
 Concen: 2.364 ug/L
 RT: 12.635 min Scan# 3605
 Delta R.T. 0.003 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05

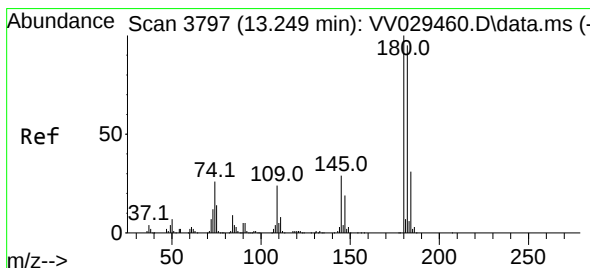
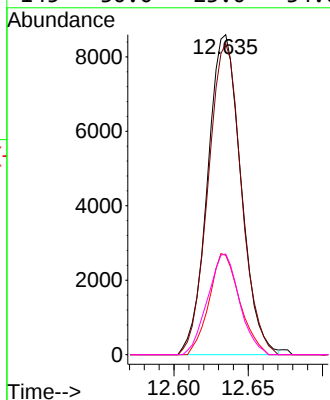
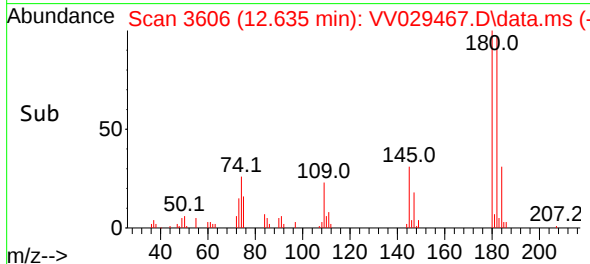
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



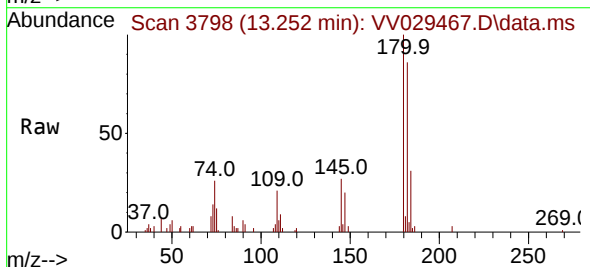
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.5	114.7
184	29.0	24.6	36.8
145	30.0	23.0	34.6

Manual Integrations
 APPROVED

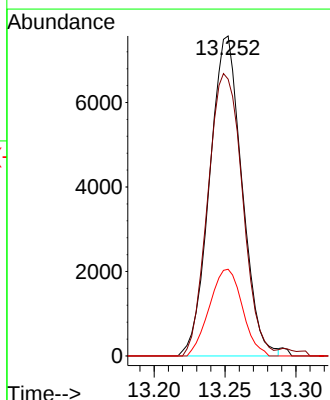
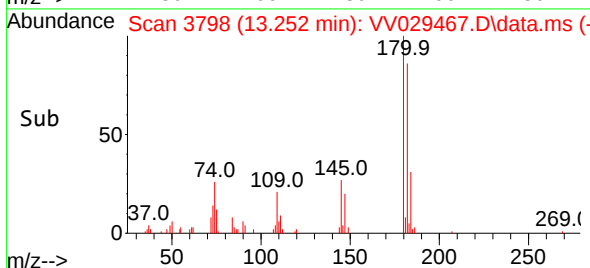
Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

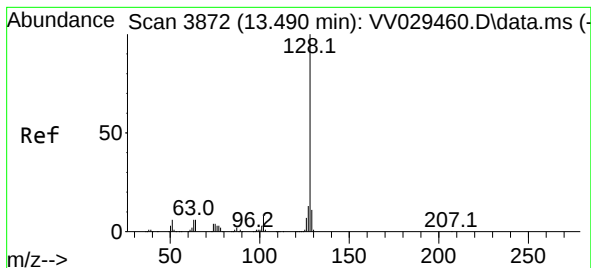


#70
 1,2,4-trichlorobenzene
 Concen: 2.389 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.003 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.3	114.5
145	27.5	23.7	35.5





#71

Naphthalene

Concen: 2.069 ug/L

RT: 13.496 min Scan# 3872

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

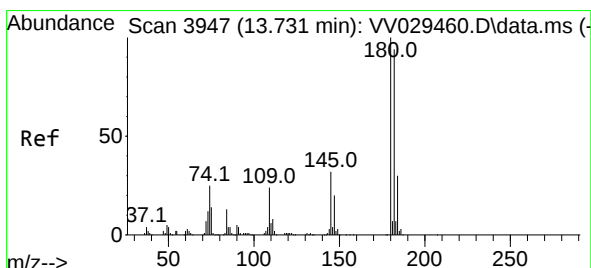
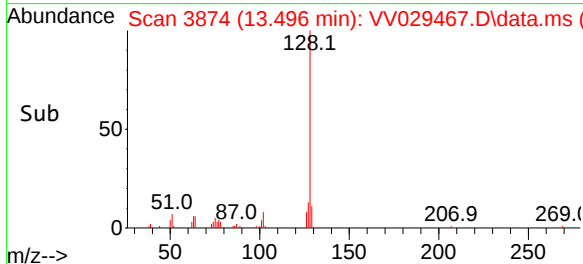
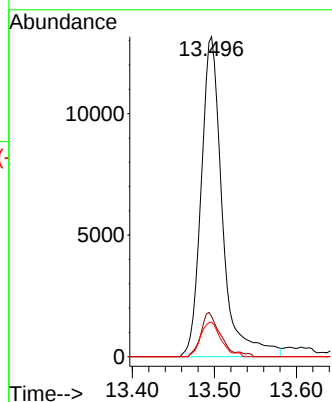
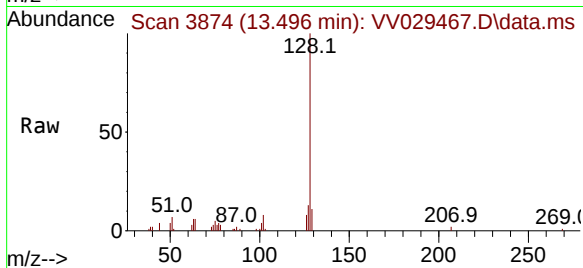
Tgt Ion:	128	Resp:	2364
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.2	15.4
129	10.0	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#72

1,2,3-Trichlorobenzene

Concen: 2.283 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Tgt Ion:	180	Resp:	11262
Ion Ratio	Lower	Upper	
180	100		
182	99.9	76.4	114.6
145	31.3	25.0	37.6

