

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017469.D
 Acq On : 23 Feb 2024 17:10
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 24 04:48:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103236	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	27075	17.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.740%#
35) Dibromofluoromethane	7.722	113	31071	17.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	35.800%#
50) Toluene-d8	10.185	98	107842	17.774	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	35.540%#
62) 4-Bromofluorobenzene	12.483	95	33719	17.683	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	24950	21.161	ug/l	95
3) Chloromethane	2.107	50	45067	20.920	ug/l	97
4) Vinyl Chloride	2.247	62	56388	20.403	ug/l	97
5) Bromomethane	2.637	94	46637	20.707	ug/l	98
6) Chloroethane	2.784	64	36049	20.677	ug/l	99
7) Trichlorofluoromethane	3.113	101	58724	20.848	ug/l	100
8) Diethyl Ether	3.528	74	16905	20.463	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	32628	20.139	ug/l	99
10) Methyl Iodide	4.088	142	36095	19.851	ug/l	98
11) Tert butyl alcohol	4.960	59	14130	109.813	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	30469	20.179	ug/l	98
13) Acrolein	3.729	56	16931	99.723	ug/l	100
14) Allyl chloride	4.472	41	36849	20.198	ug/l	97
15) Acrylonitrile	5.167	53	33978	100.050	ug/l	99
16) Acetone	3.948	43	29567	100.633	ug/l	95
17) Carbon Disulfide	4.192	76	93176	20.559	ug/l	99
18) Methyl Acetate	4.479	43	13297	18.654	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	69744	19.818	ug/l	96
20) Methylene Chloride	4.710	84	40512	20.204	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	35658	20.170	ug/l	98
22) Diisopropyl ether	6.119	45	85328	20.268	ug/l	98
23) Vinyl Acetate	6.058	43	250437	99.828	ug/l	99
24) 1,1-Dichloroethane	6.015	63	57354	19.941	ug/l	99
25) 2-Butanone	6.990	43	40664	97.116	ug/l	96
26) 2,2-Dichloropropane	6.978	77	47668	19.712	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	39407	19.853	ug/l	99
28) Bromochloromethane	7.338	49	23729	20.948	ug/l	97
29) Tetrahydrofuran	7.356	42	24807	98.282	ug/l	99
30) Chloroform	7.508	83	62188	20.308	ug/l	98
31) Cyclohexane	7.789	56	48539	19.690	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	54204	20.389	ug/l	99
36) 1,1-Dichloropropene	7.923	75	47198	20.158	ug/l	99
37) Ethyl Acetate	7.076	43	18397	19.894	ug/l #	97
38) Carbon Tetrachloride	7.899	117	46707	19.904	ug/l	96
39) Methylcyclohexane	9.185	83	54867	19.499	ug/l	97
40) Benzene	8.161	78	140110	20.150	ug/l	97

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 Supervised By :Semsettin Yesilyurt 02/26/2024

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8874	19.123	ug/l	96
42) 1,2-Dichloroethane	8.240	62	34277	20.205	ug/l	98
43) Isopropyl Acetate	8.277	43	32028	19.709	ug/l	99
44) Trichloroethene	8.941	130	40373	20.145	ug/l	94
45) 1,2-Dichloropropane	9.216	63	33498	20.249	ug/l	99
46) Dibromomethane	9.307	93	19094	20.168	ug/l	97
47) Bromodichloromethane	9.502	83	46026	20.022	ug/l	96
48) Methyl methacrylate	9.295	41	14049	18.677	ug/l	94
49) 1,4-Dioxane	9.301	88	4142	386.578	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	89444	98.759	ug/l	99
52) Toluene	10.246	92	88666	20.228	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	42829	20.073	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	51562	19.888	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	27240	20.265	ug/l	97
56) Ethyl methacrylate	10.514	69	28935	19.147	ug/l	98
57) 1,3-Dichloropropane	10.794	76	44076	20.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	74243	95.714	ug/l	99
59) 2-Hexanone	10.837	43	63008	101.284	ug/l	99
60) Dibromochloromethane	10.990	129	31872	20.043	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25070	20.238	ug/l	99
64) Tetrachloroethene	10.721	164	43849	20.764	ug/l	98
65) Chlorobenzene	11.520	112	94609	20.259	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	34719	19.845	ug/l	98
67) Ethyl Benzene	11.599	91	161844	19.761	ug/l	99
68) m/p-Xylenes	11.709	106	128111	39.809	ug/l	100
69) o-Xylene	12.032	106	58891	19.725	ug/l	100
70) Styrene	12.050	104	98048	19.785	ug/l	99
71) Bromoform	12.209	173	18989	19.587	ug/l #	98
73) Isopropylbenzene	12.337	105	156088	20.351	ug/l	100
74) N-amyl acetate	12.148	43	26792	19.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	25499	19.360	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	18745m	19.110	ug/l	
77) Bromobenzene	12.611	156	37222	20.040	ug/l	96
78) n-propylbenzene	12.678	91	189938	20.639	ug/l	100
79) 2-Chlorotoluene	12.758	91	104089	20.202	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	124597	20.277	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8502	19.916	ug/l	94
82) 4-Chlorotoluene	12.855	91	108388	20.567	ug/l	99
83) tert-Butylbenzene	13.081	119	108330	20.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	126877	20.915	ug/l	98
85) sec-Butylbenzene	13.257	105	167296	20.279	ug/l	100
86) p-Isopropyltoluene	13.373	119	134774	19.957	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	73951	19.836	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	73408	20.253	ug/l	98
89) n-Butylbenzene	13.703	91	124217	20.161	ug/l	99
90) Hexachloroethane	13.965	117	27543	20.344	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	63453	20.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3724	20.113	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	33596	20.169	ug/l	100
94) Hexachlorobutadiene	15.117	225	21328	20.739	ug/l	98
95) Naphthalene	15.239	128	54989	19.618	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	29055	20.333	ug/l	99

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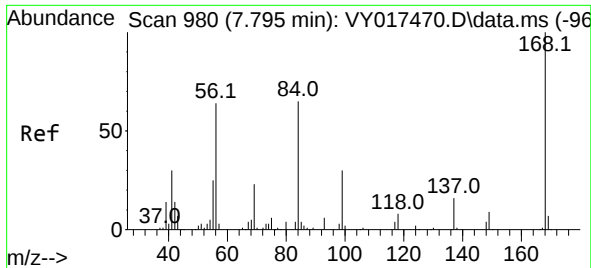
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



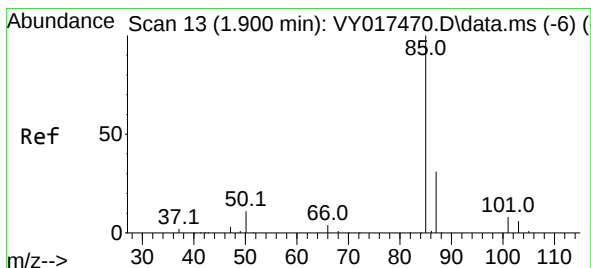
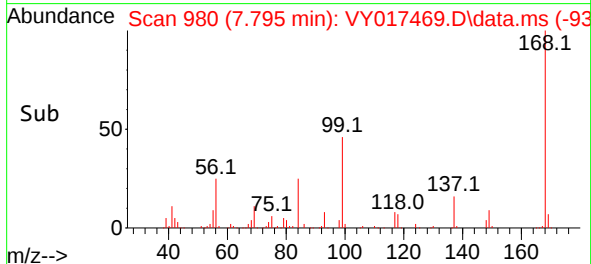
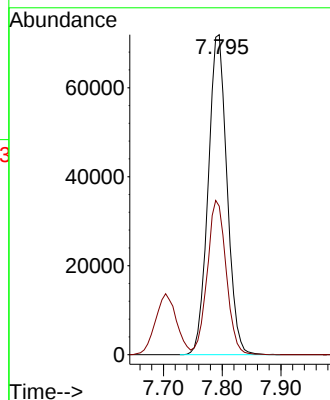
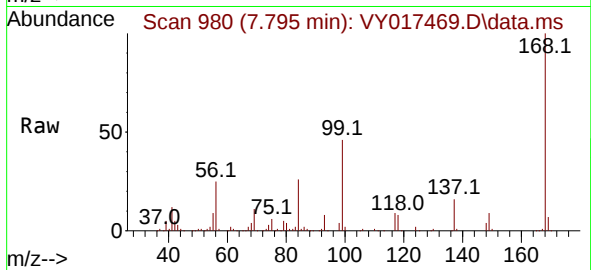
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 159835
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7

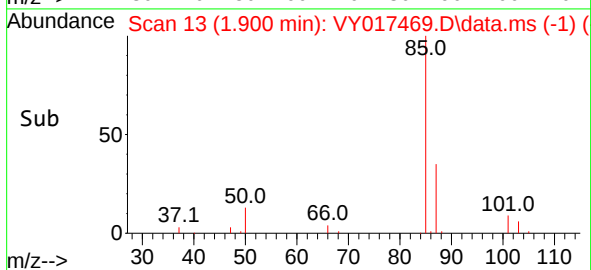
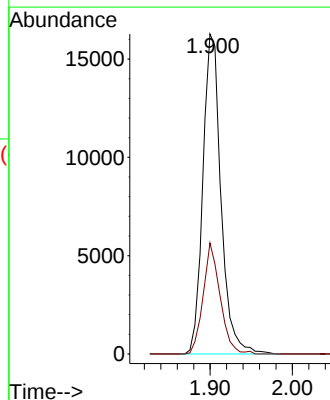
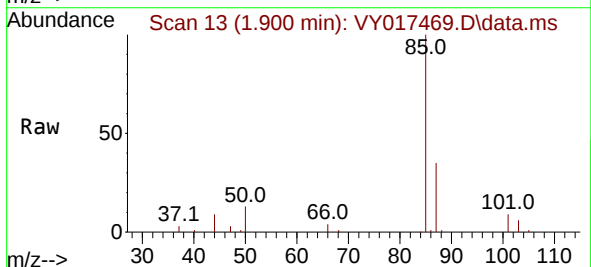
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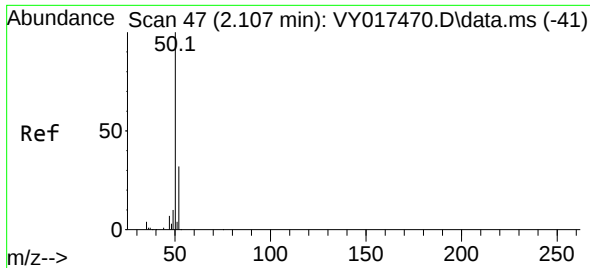
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#2
Dichlorodifluoromethane
Concen: 21.161 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

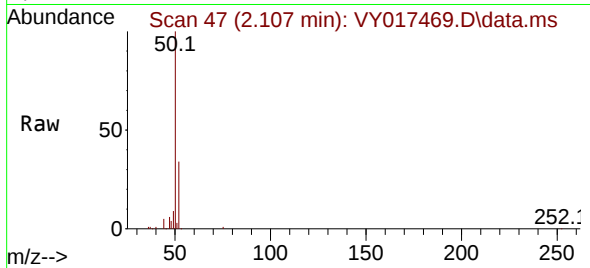
Tgt Ion: 85 Resp: 24950
Ion Ratio Lower Upper
85 100
87 34.7 16.0 48.0





#3
Chloromethane
Concen: 20.920 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

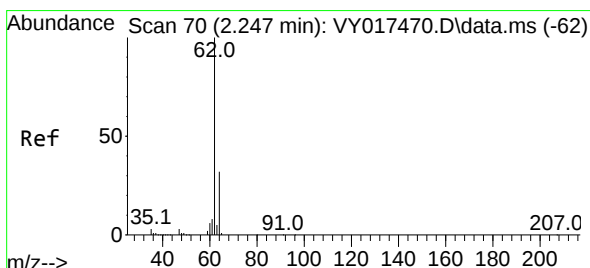
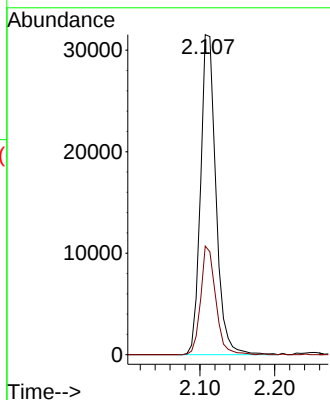
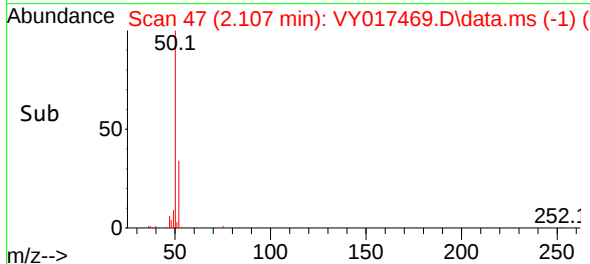
Instrument :
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ClientSampleId :
VSTDICC020



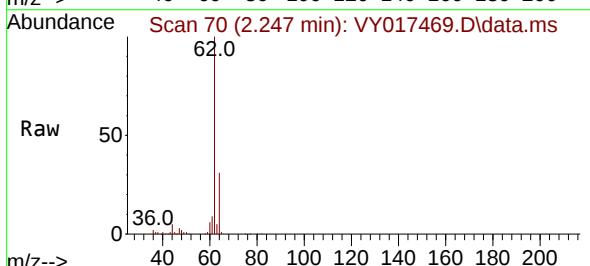
Tgt Ion: 50 Resp: 4506
Ion Ratio Lower Upper
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52 33.9 25.6 38.4

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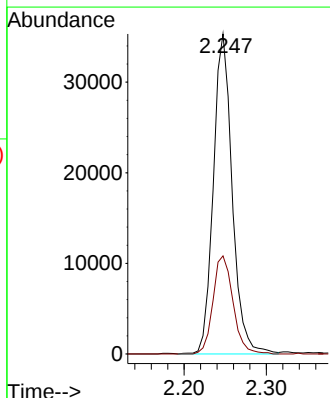
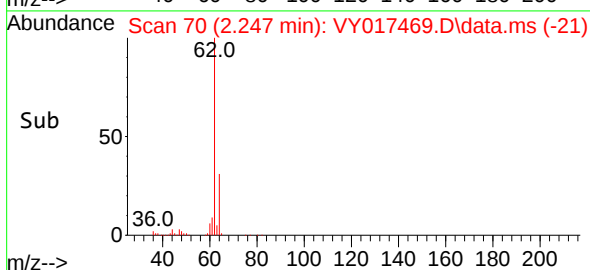
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#4
Vinyl Chloride
Concen: 20.403 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



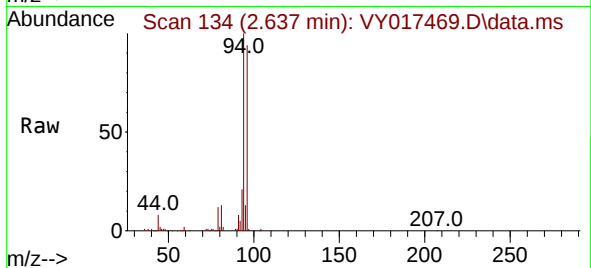
Tgt Ion: 62 Resp: 56388
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1





#5
Bromomethane
Concen: 20.707 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

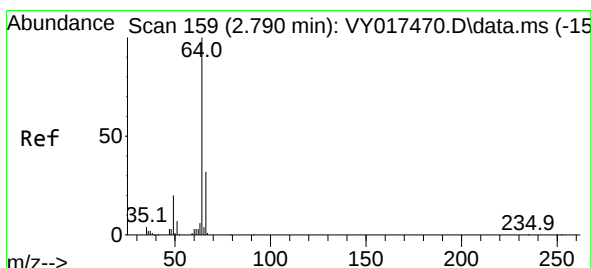
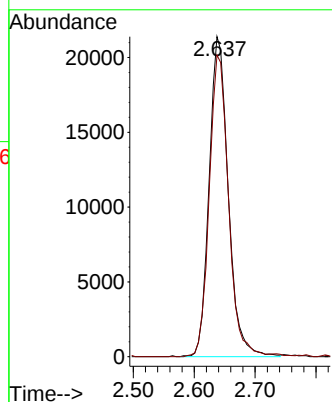
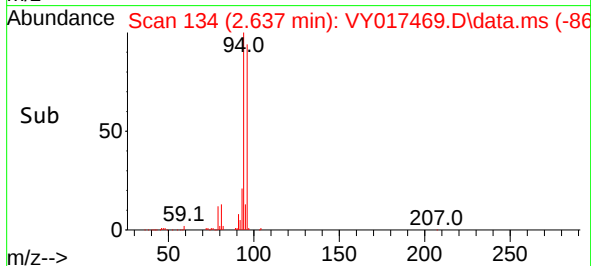
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



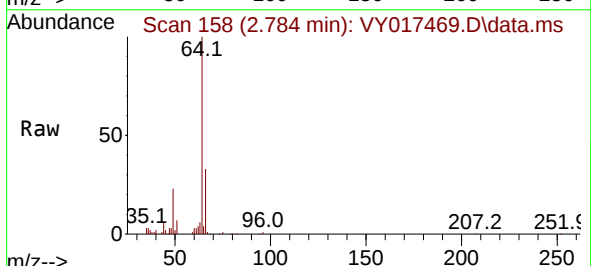
Tgt Ion: 94 Resp: 4663
Ion Ratio Lower Upper
94 100
96 94.2 74.1 111.1

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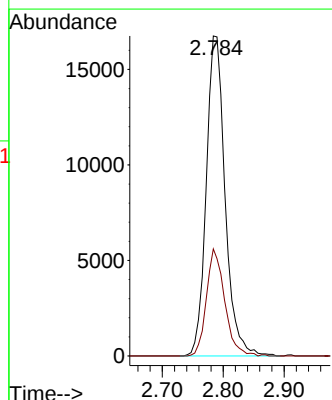
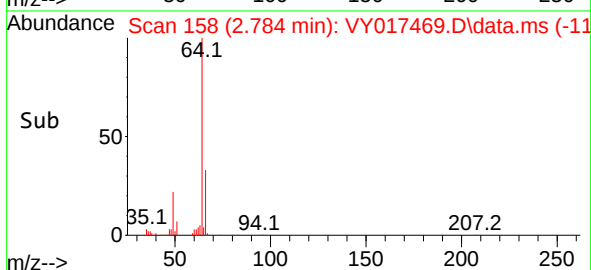
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#6
Chloroethane
Concen: 20.677 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



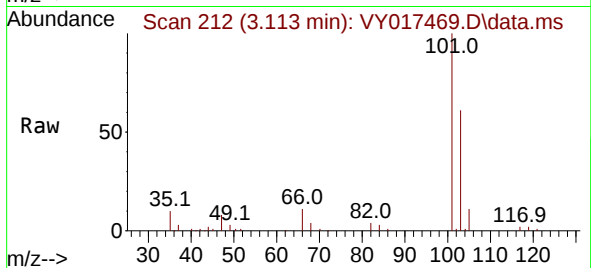
Tgt Ion: 64 Resp: 36049
Ion Ratio Lower Upper
64 100
66 33.4 26.1 39.1





#7
Trichlorofluoromethane
Concen: 20.848 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

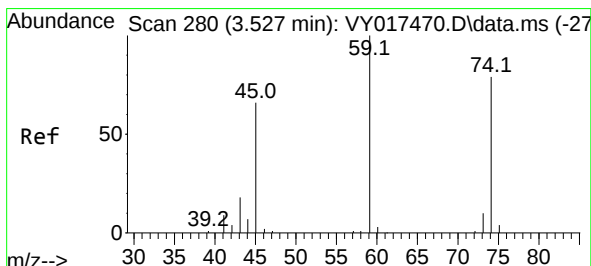
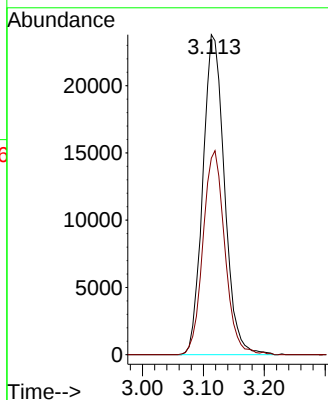
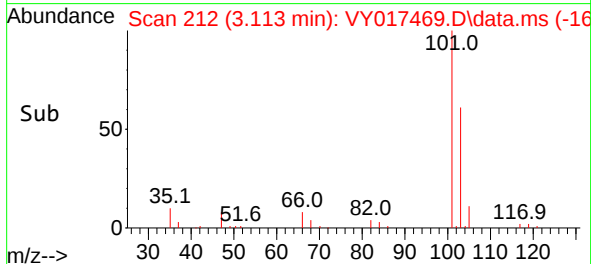
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 58724
Ion Ratio Lower Upper
101 100
103 61.4 49.3 73.9

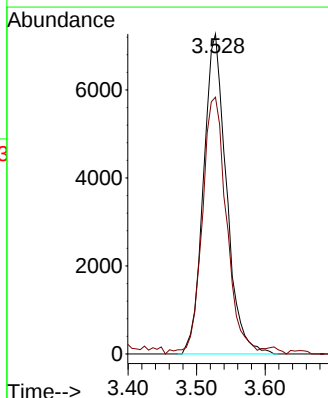
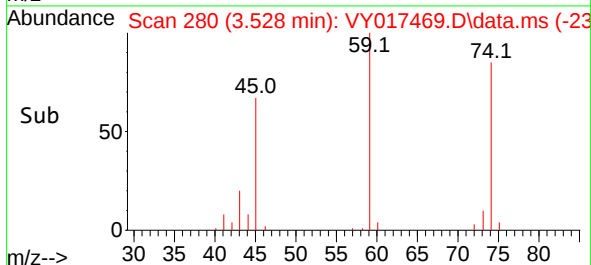
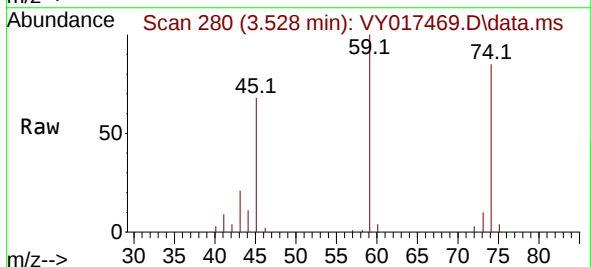
Manual Integrations
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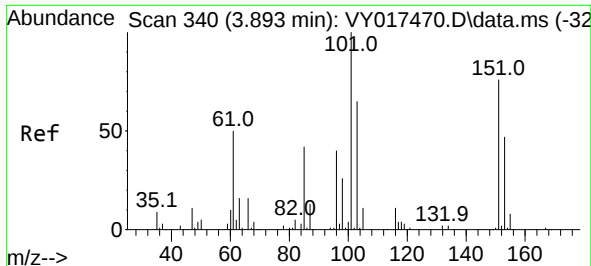
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#8
Diethyl Ether
Concen: 20.463 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 74 Resp: 16905
Ion Ratio Lower Upper
74 100
45 83.1 41.3 124.1





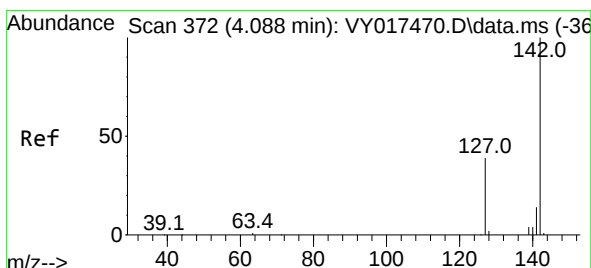
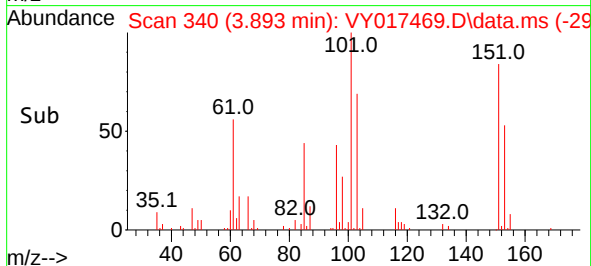
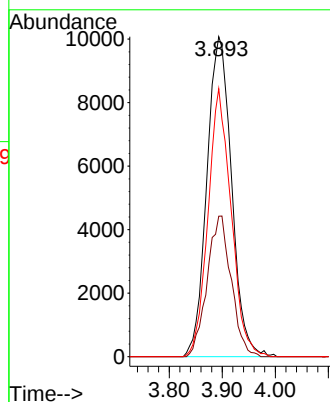
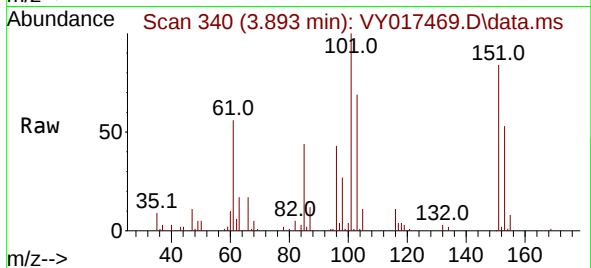
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1,1,2-Trichlorotrifluoroethane
Concen: 20.139 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

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MSVOA_Y
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Tgt Ion:101 Resp: 32628
Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 78.2 61.7 92.5

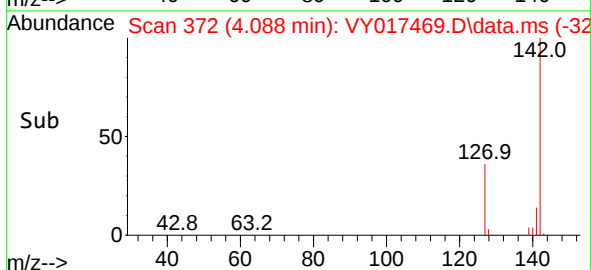
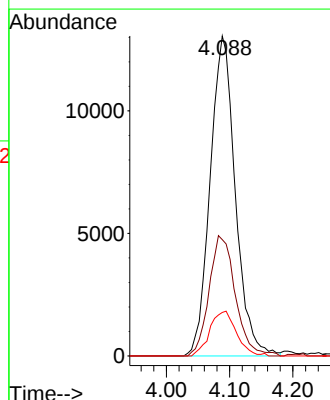
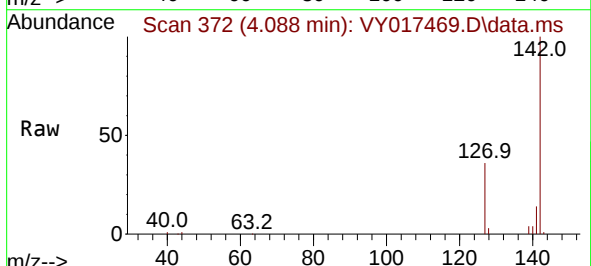
Manual Integrations
APPROVED

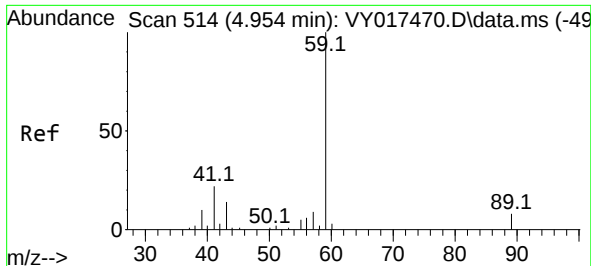
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#10
Methyl Iodide
Concen: 19.851 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:142 Resp: 36095
Ion Ratio Lower Upper
142 100
127 39.1 32.8 49.2
141 14.8 11.4 17.2





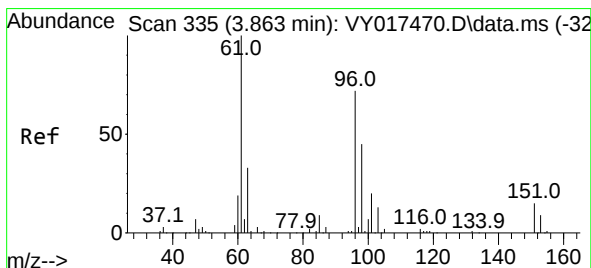
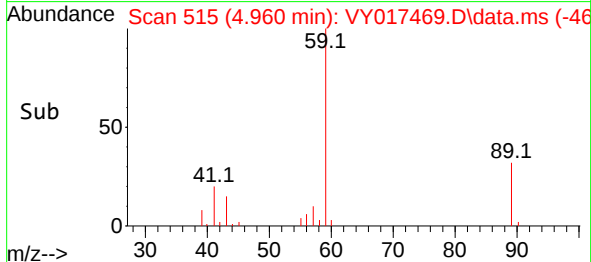
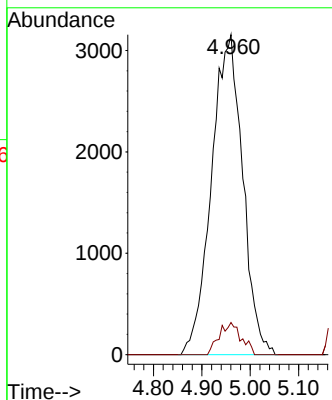
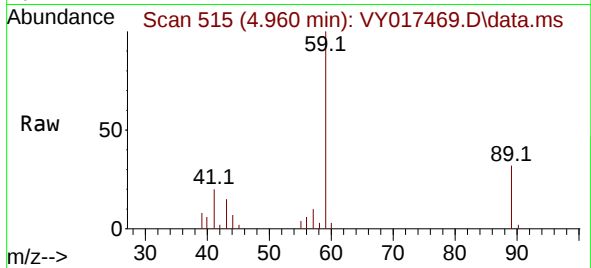
#11
Tert butyl alcohol
Concen: 109.813 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 14130
Ion Ratio Lower Upper
59 100
57 7.0 3.0 4.6

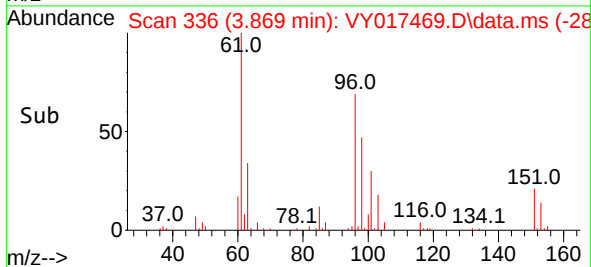
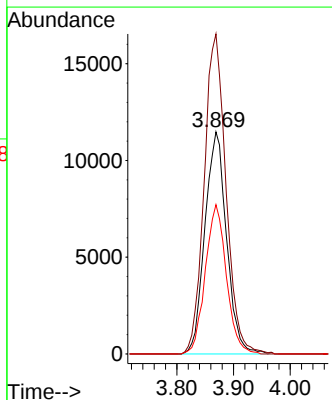
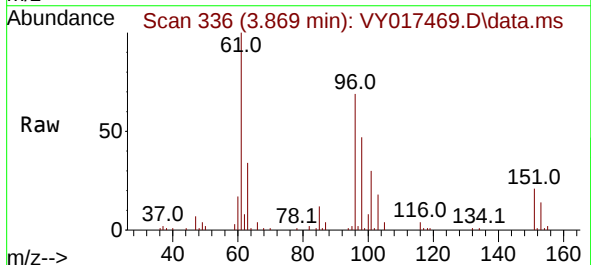
Manual Integrations
APPROVED

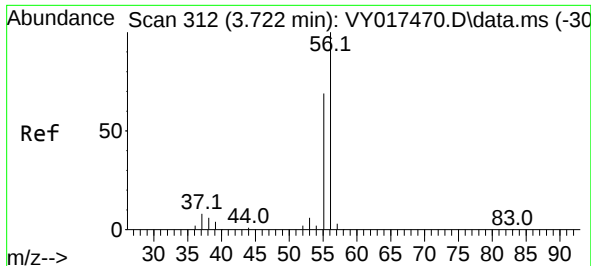
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#12
1,1-Dichloroethene
Concen: 20.179 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 96 Resp: 30469
Ion Ratio Lower Upper
96 100
61 144.1 114.6 171.8
98 67.2 50.8 76.2





#13

Acrolein

Concen: 99.723 ug/l

RT: 3.729 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 1693

Ion Ratio Lower Upper

56 100

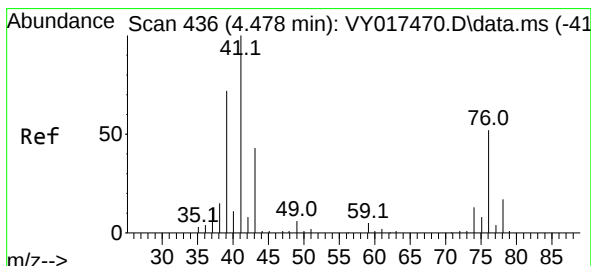
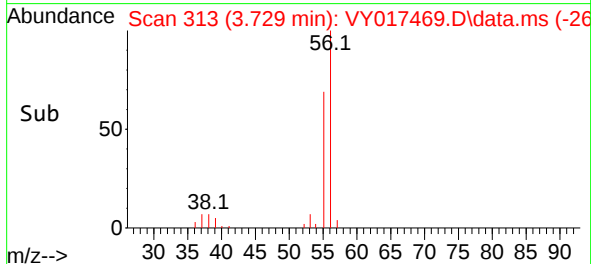
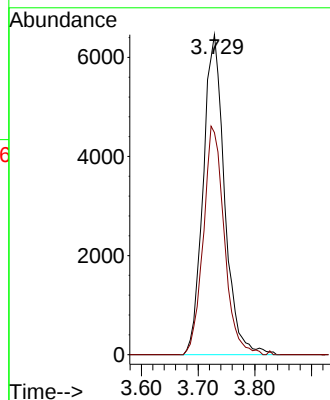
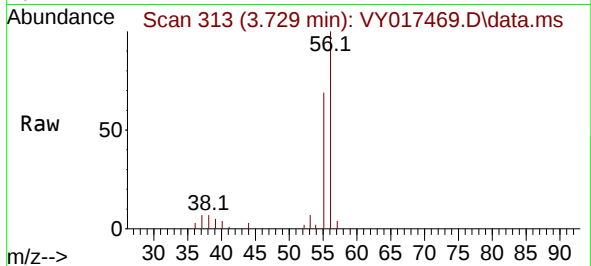
55 69.8 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#14

Allyl chloride

Concen: 20.198 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

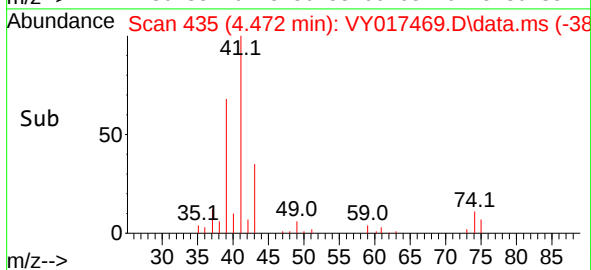
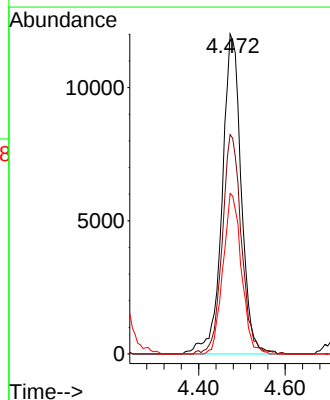
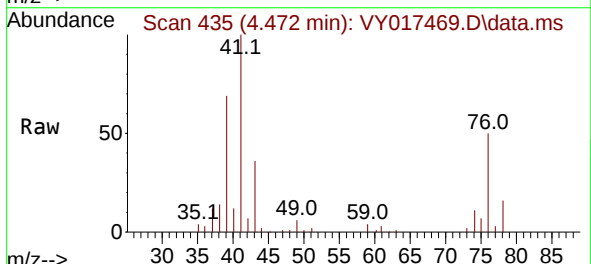
Tgt Ion: 41 Resp: 36849

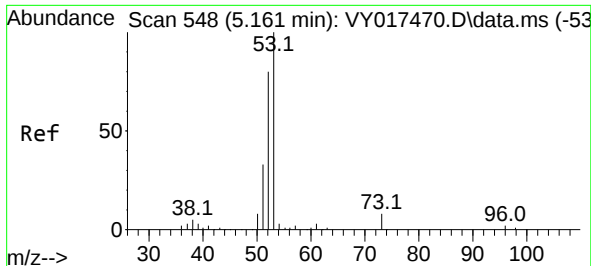
Ion Ratio Lower Upper

41 100

39 69.0 58.3 87.5

76 48.5 39.0 58.6





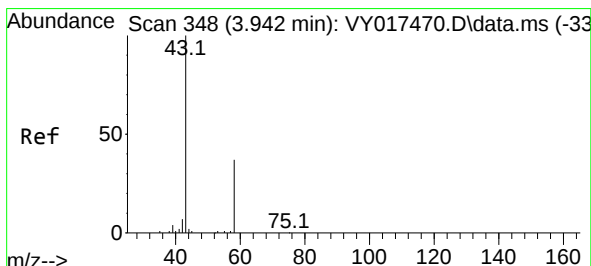
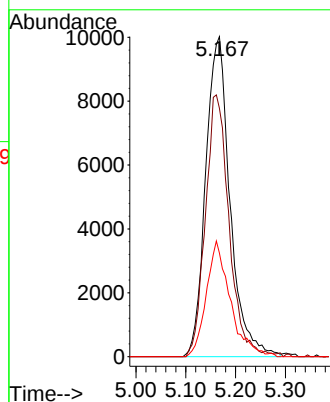
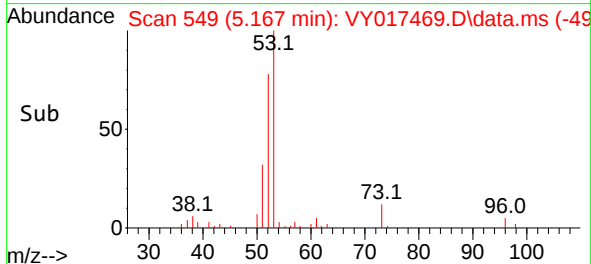
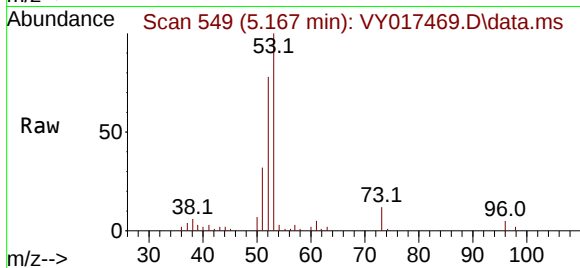
#15
Acrylonitrile
Concen: 100.050 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 33978
Ion Ratio Lower Upper
53 100
52 79.6 64.7 97.1
51 35.7 28.4 42.6

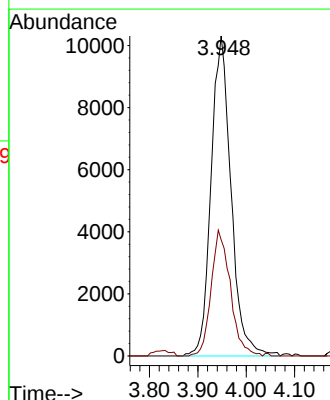
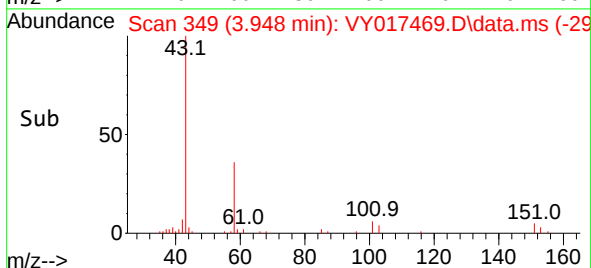
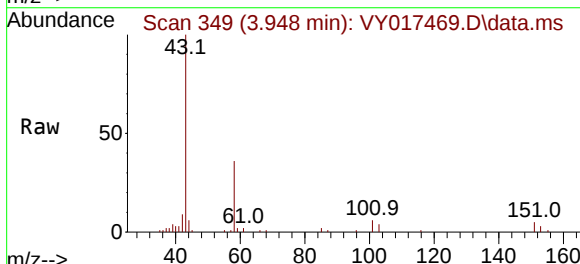
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APPROVED

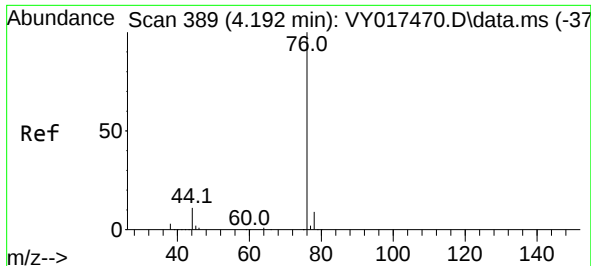
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#16
Acetone
Concen: 100.633 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 43 Resp: 29567
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5





#17

Carbon Disulfide

Concen: 20.559 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 93170

Ion Ratio Lower Upper

76 100

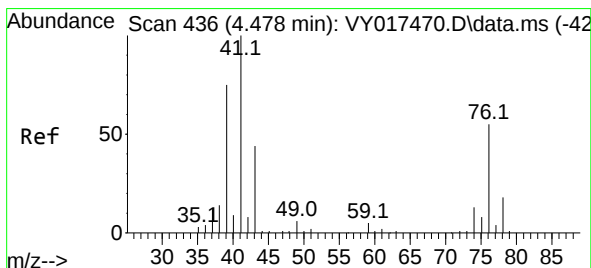
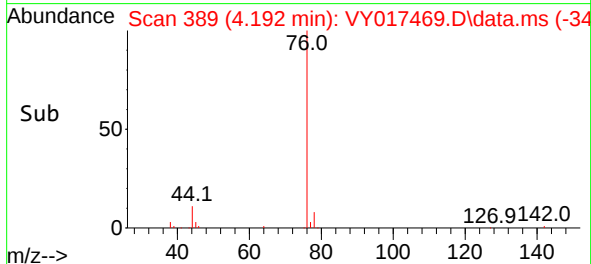
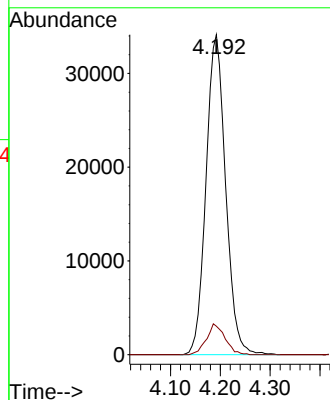
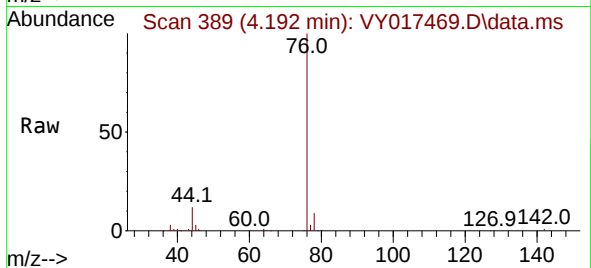
78 8.9 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#18

Methyl Acetate

Concen: 18.654 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017469.D

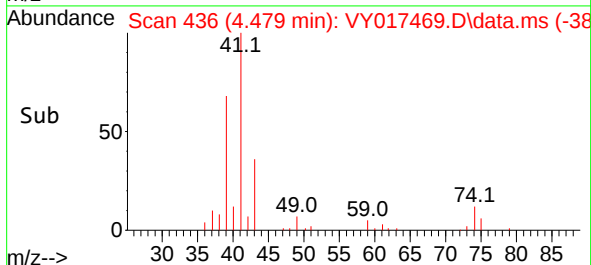
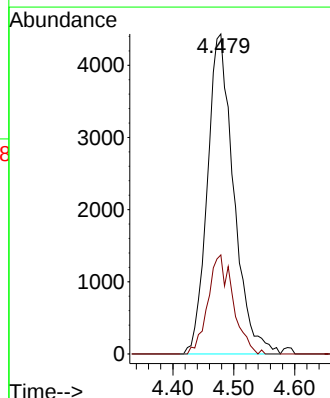
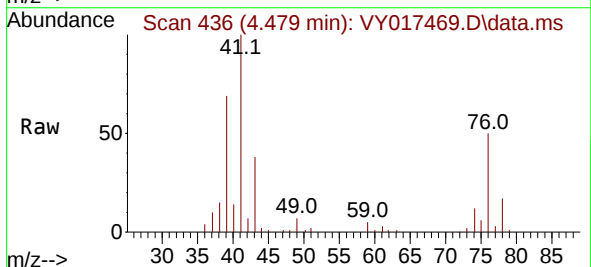
Acq: 23 Feb 2024 17:10

Tgt Ion: 43 Resp: 13297

Ion Ratio Lower Upper

43 100

74 29.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.818 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 69744

Ion Ratio Lower Upper

73 100

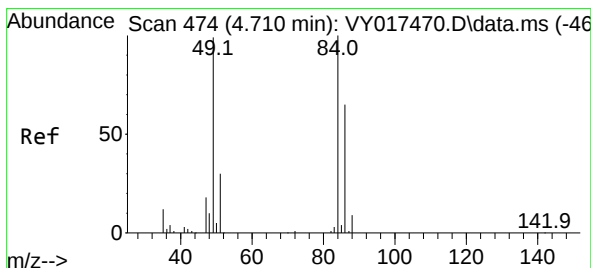
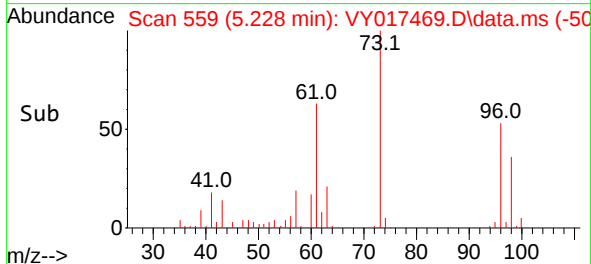
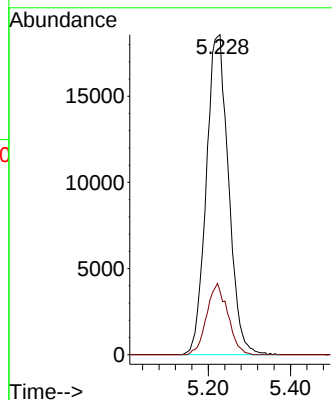
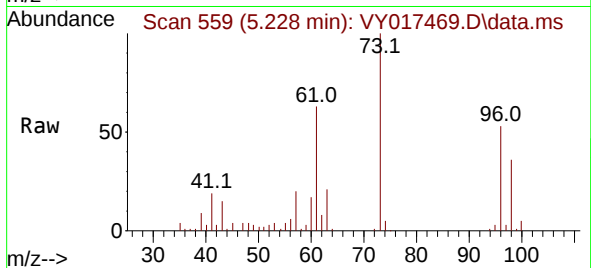
57 19.8 17.3 25.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#20

Methylene Chloride

Concen: 20.204 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion: 84 Resp: 40512

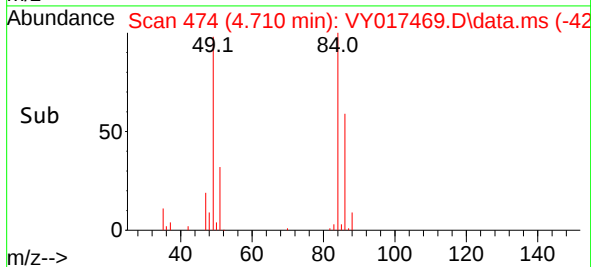
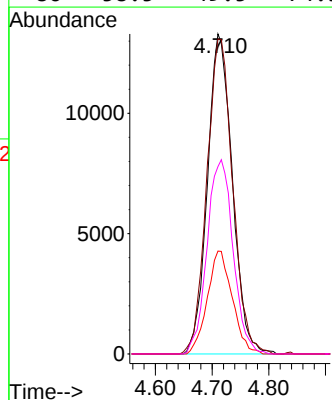
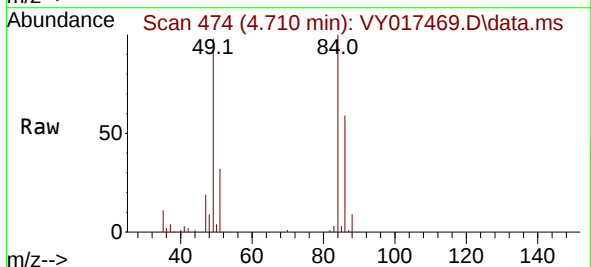
Ion Ratio Lower Upper

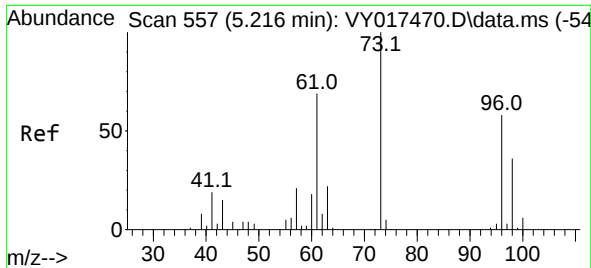
84 100

49 98.4 84.4 126.6

51 32.2 26.0 39.0

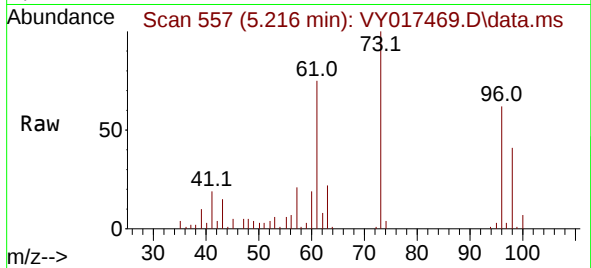
86 58.5 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 20.170 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

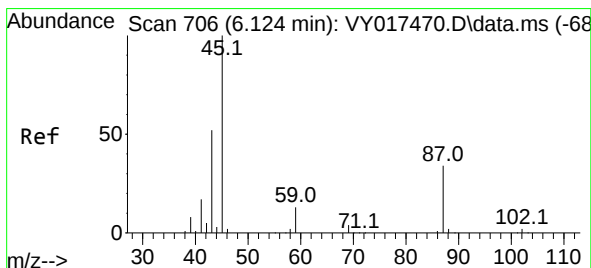
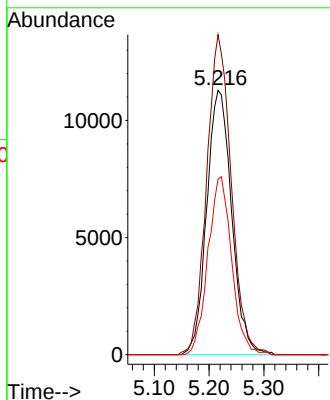
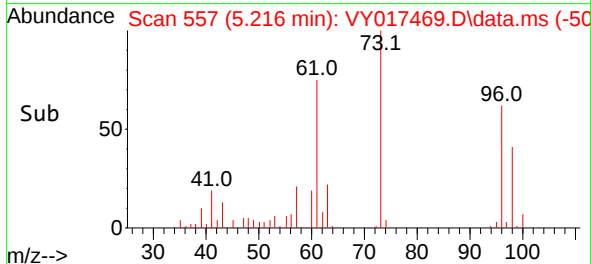
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



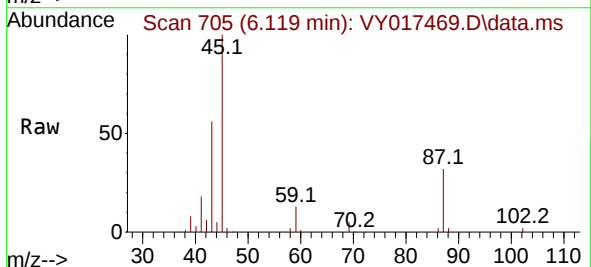
Tgt Ion: 96 Resp: 35658
Ion Ratio Lower Upper
96 100
61 121.1 97.5 146.3
98 66.4 50.5 75.7

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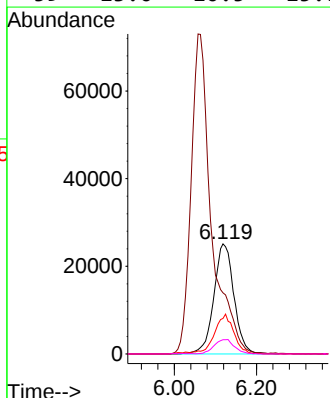
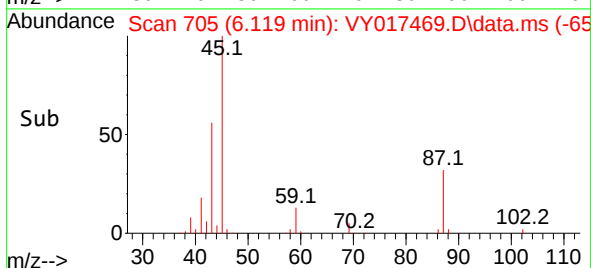
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

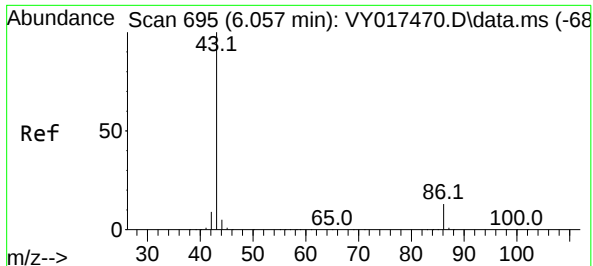


#22
Diisopropyl ether
Concen: 20.268 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



Tgt Ion: 45 Resp: 85328
Ion Ratio Lower Upper
45 100
43 55.2 42.2 63.2
87 32.2 25.0 37.6
59 13.0 10.5 15.7





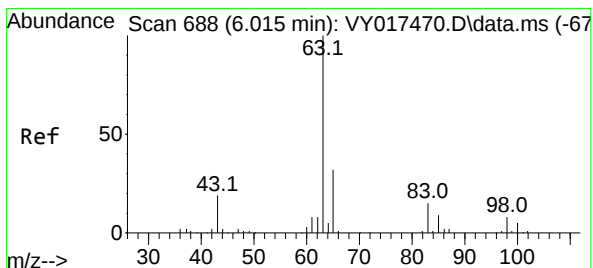
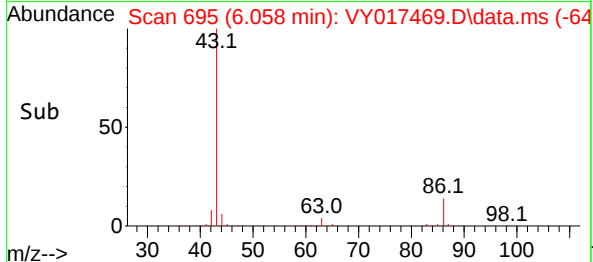
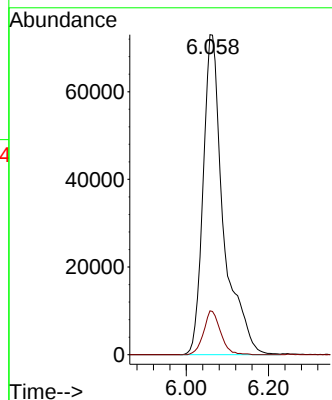
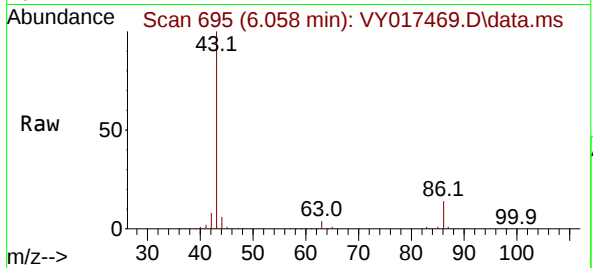
#23
 Vinyl Acetate
 Concen: 99.828 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017469.D
 Acq: 23 Feb 2024 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 25043
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 16.0

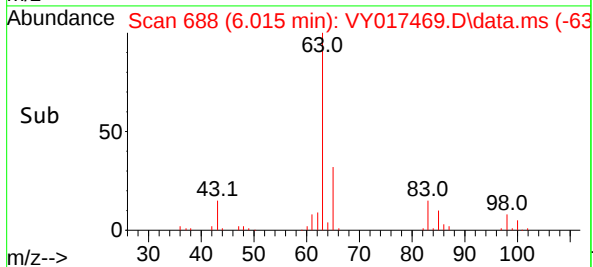
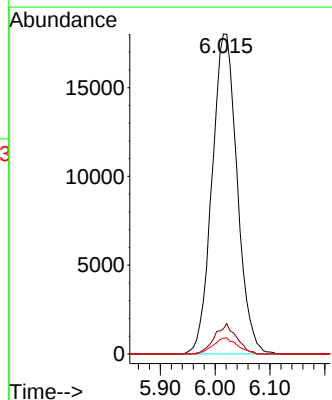
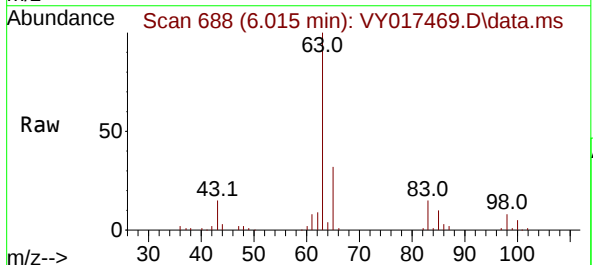
Manual Integrations
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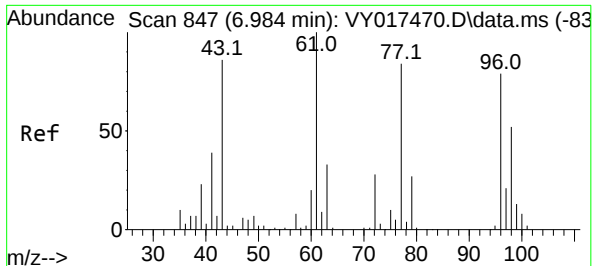
Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024



#24
 1,1-Dichloroethane
 Concen: 19.941 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017469.D
 Acq: 23 Feb 2024 17:10

Tgt Ion: 63 Resp: 57354
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 97.116 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 40664

Ion Ratio Lower Upper

43 100

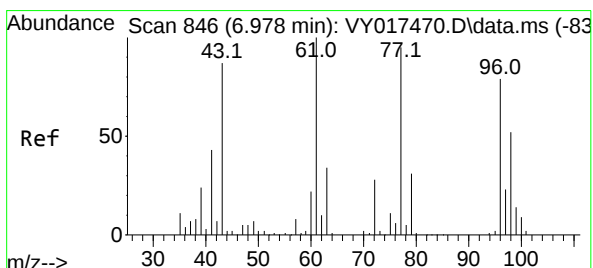
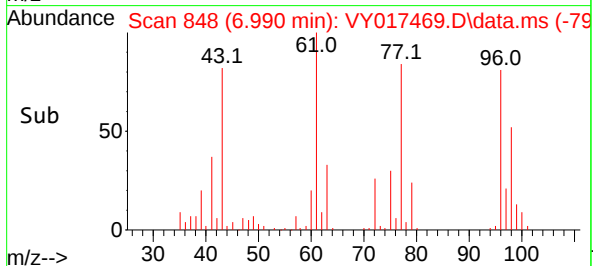
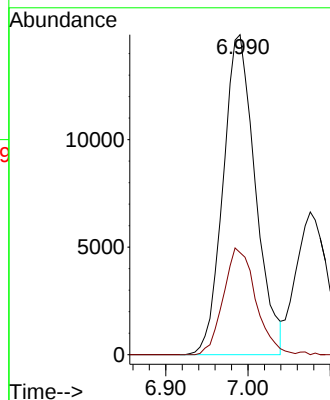
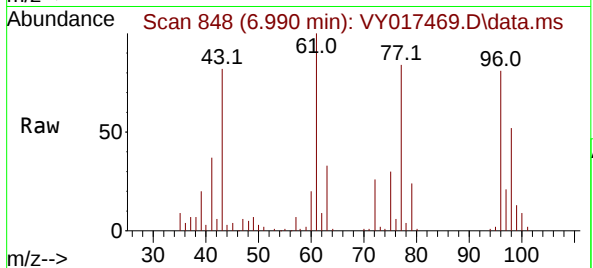
72 31.9 27.3 40.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#26

2,2-Dichloropropane

Concen: 19.712 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017469.D

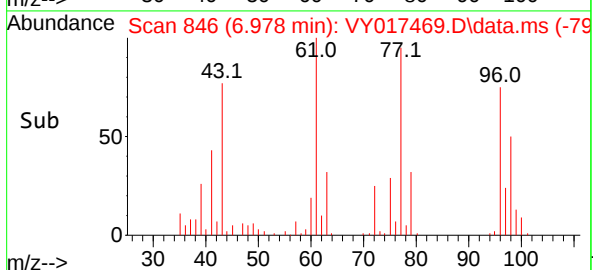
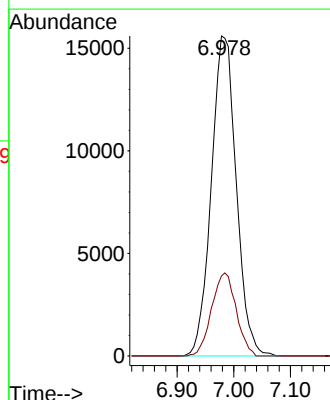
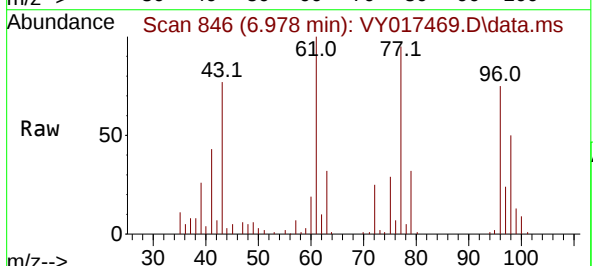
Acq: 23 Feb 2024 17:10

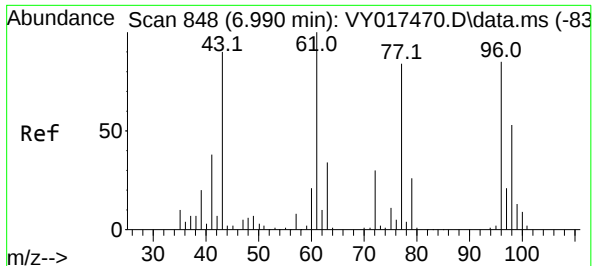
Tgt Ion: 77 Resp: 47668

Ion Ratio Lower Upper

77 100

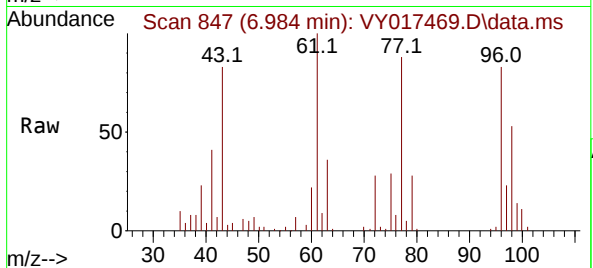
97 25.5 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 19.853 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

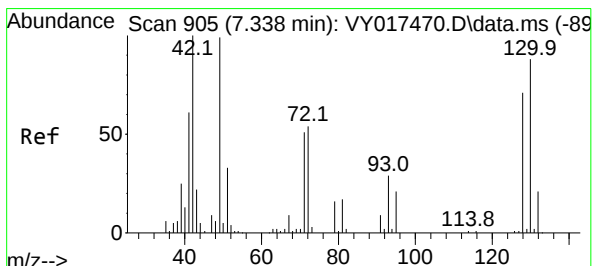
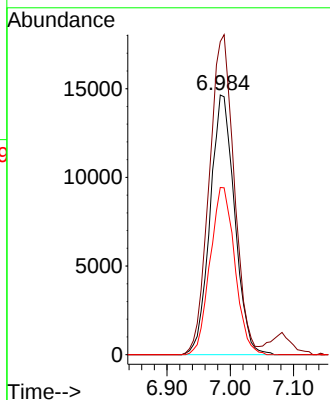
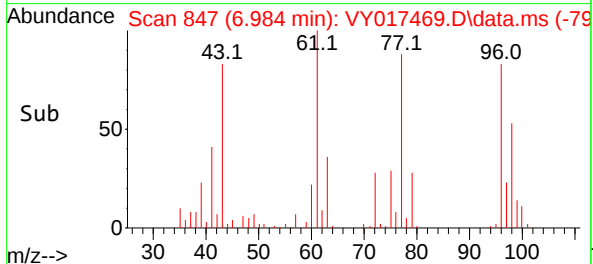
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 3940
Ion Ratio Lower Upper
96 100
61 125.6 0.0 256.2
98 64.9 0.0 130.0

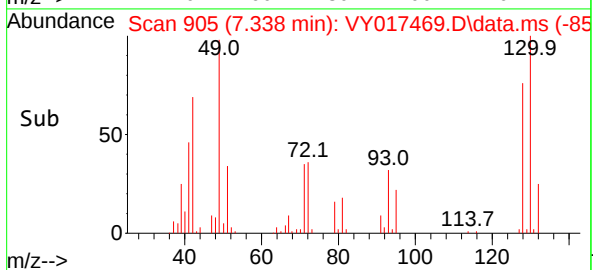
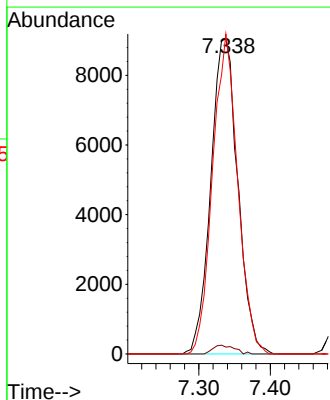
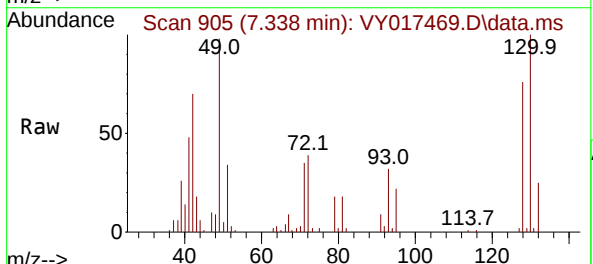
Manual Integrations
APPROVED

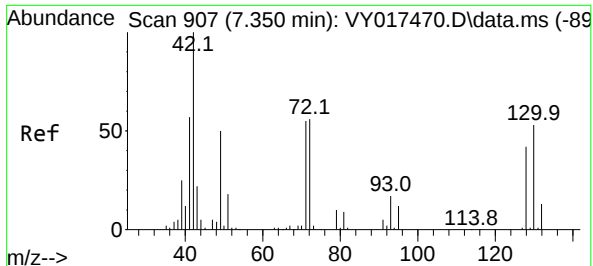
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#28
Bromochloromethane
Concen: 20.948 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 49 Resp: 23729
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 94.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 98.282 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 2480

Ion Ratio Lower Upper

42 100

72 53.4 43.0 64.4

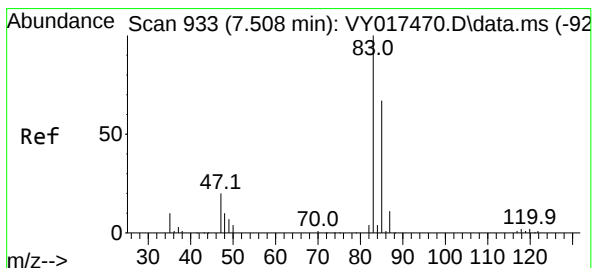
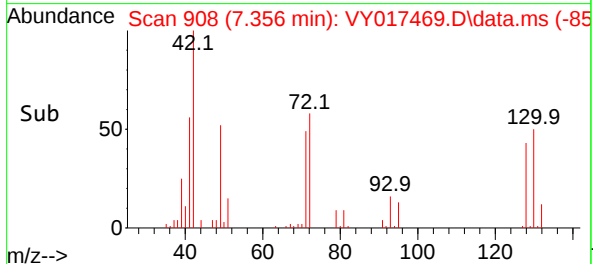
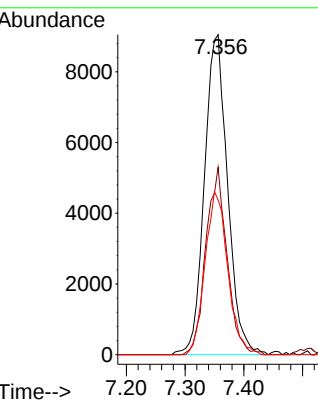
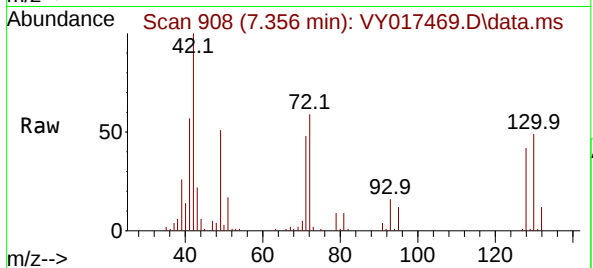
71 50.1 40.8 61.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#30

Chloroform

Concen: 20.308 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017469.D

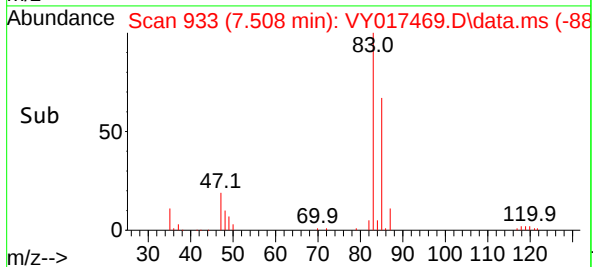
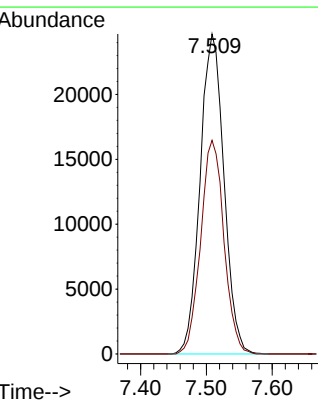
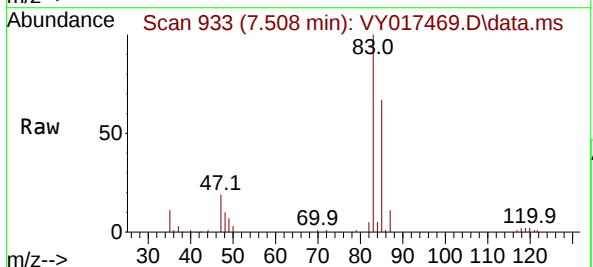
Acq: 23 Feb 2024 17:10

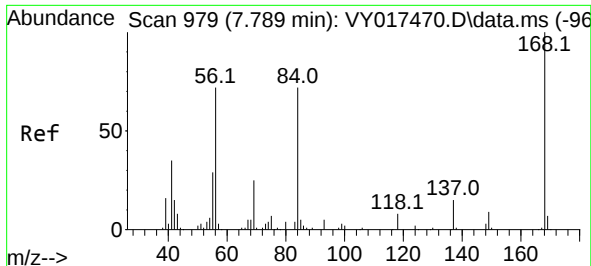
Tgt Ion: 83 Resp: 62188

Ion Ratio Lower Upper

83 100

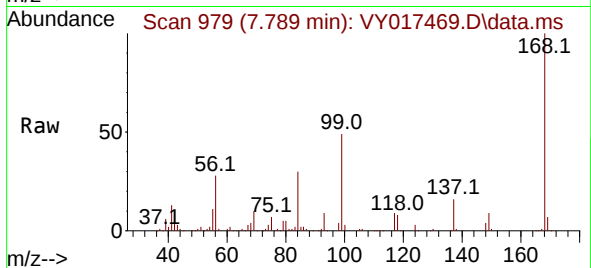
85 66.8 52.2 78.4





#31
Cyclohexane
Concen: 19.690 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

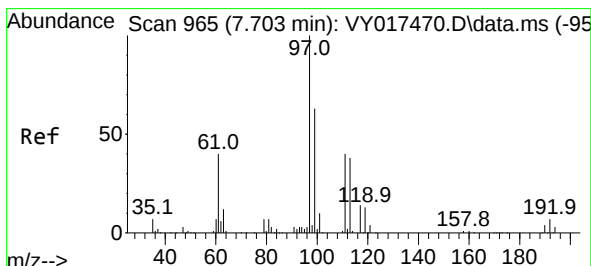
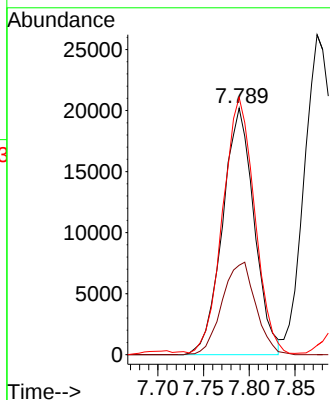
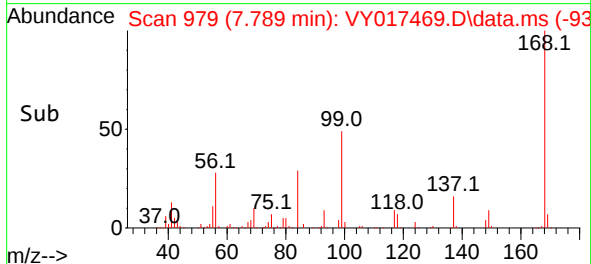
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



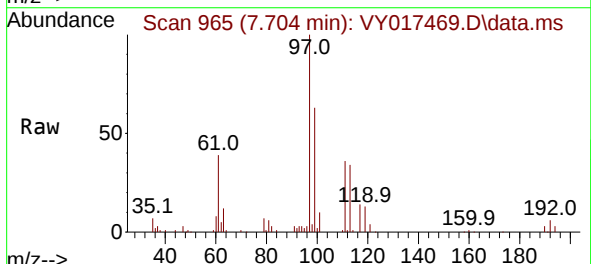
Tgt Ion: 56 Resp: 48539
Ion Ratio Lower Upper
56 100
69 36.3 28.7 43.1
84 103.2 77.7 116.5

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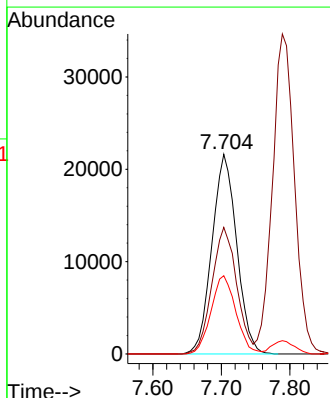
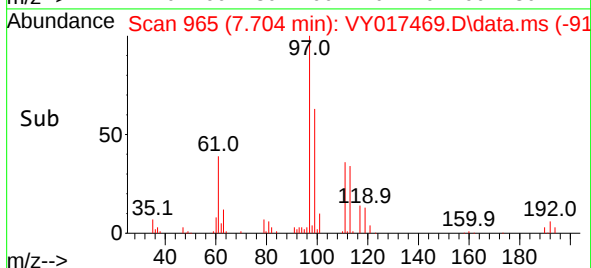
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

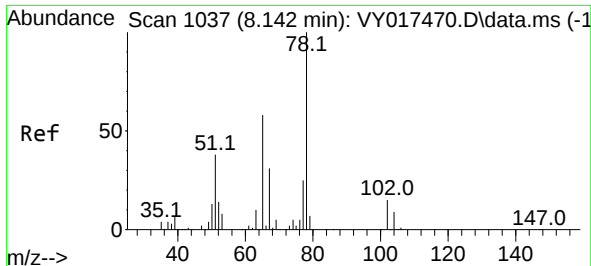


#32
1,1,1-Trichloroethane
Concen: 20.389 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



Tgt Ion: 97 Resp: 54204
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 39.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 17.874 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 27075

Ion Ratio Lower Upper

65 100

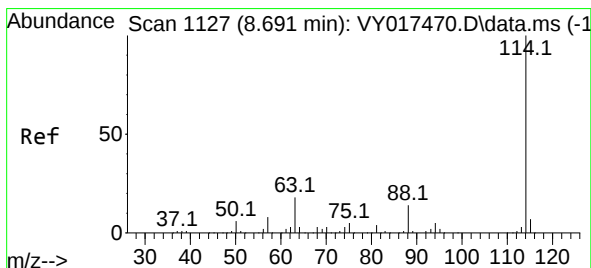
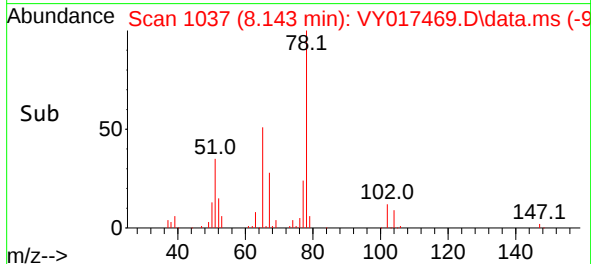
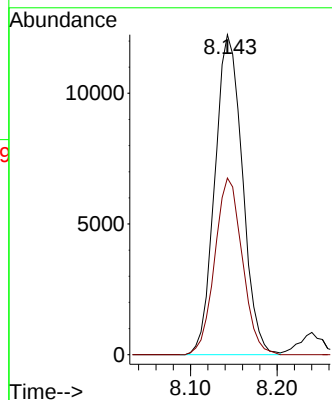
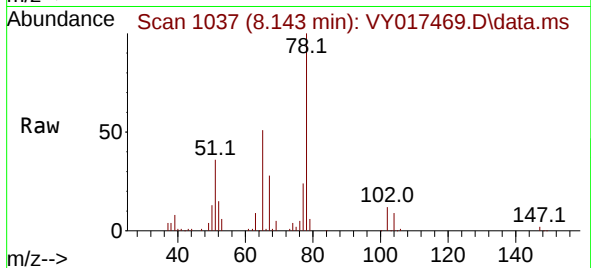
67 55.2 0.0 109.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

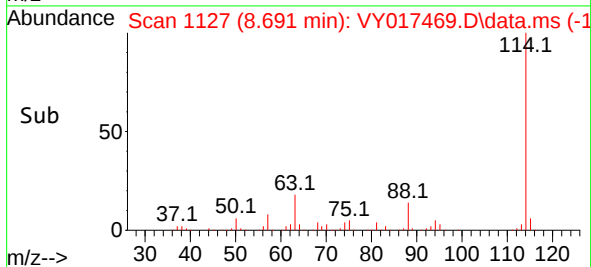
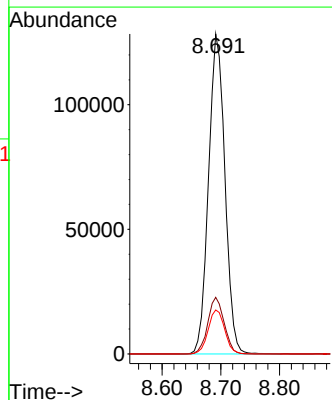
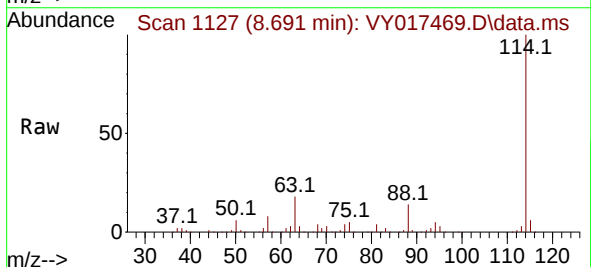
Tgt Ion:114 Resp: 249035

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

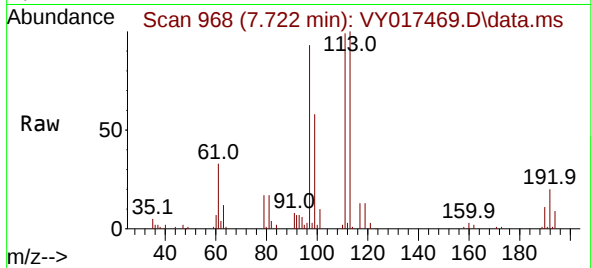
88 13.8 0.0 27.2





#35
Dibromofluoromethane
Concen: 17.905 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

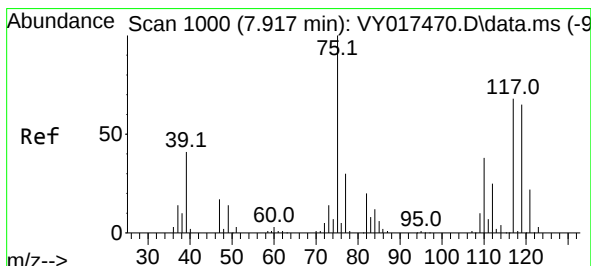
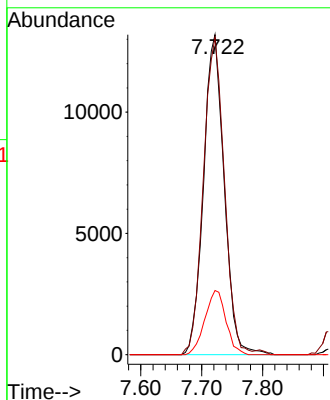
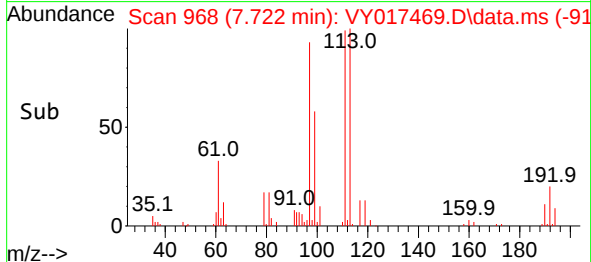
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



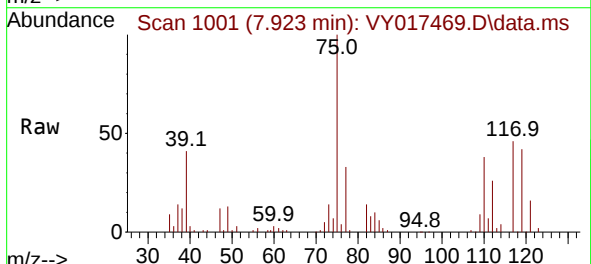
Tgt Ion: 113 Resp: 3107
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 20.5 15.9 23.9

Manual Integrations
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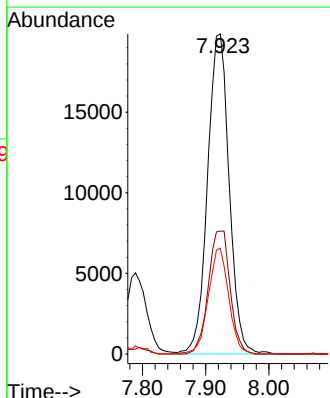
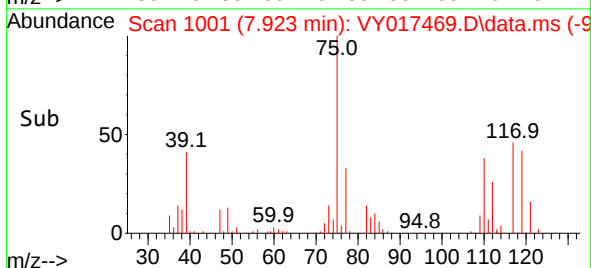
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

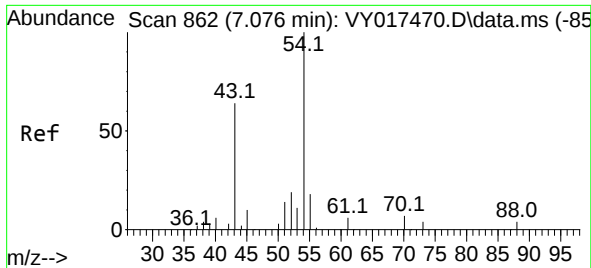


#36
1,1-Dichloropropene
Concen: 20.158 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



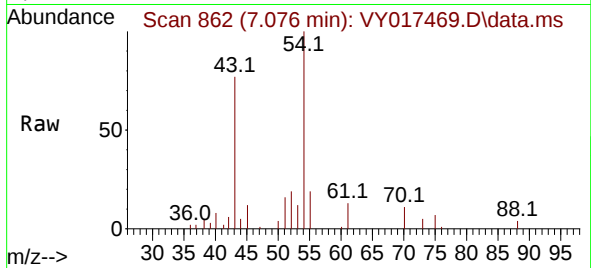
Tgt Ion: 75 Resp: 47198
Ion Ratio Lower Upper
75 100
110 38.6 19.0 57.0
77 31.2 25.3 37.9





#37
Ethyl Acetate
Concen: 19.894 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

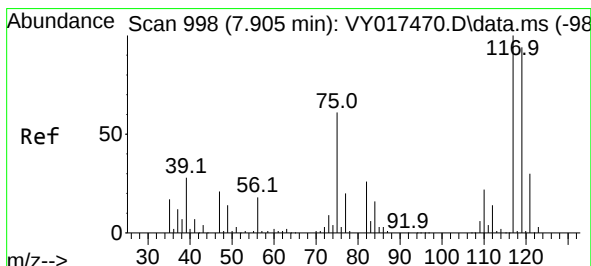
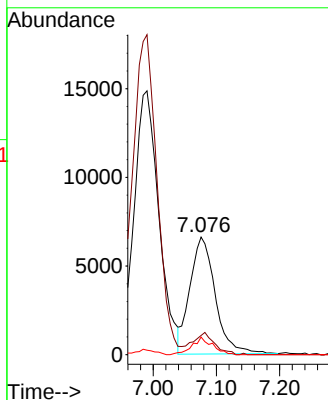
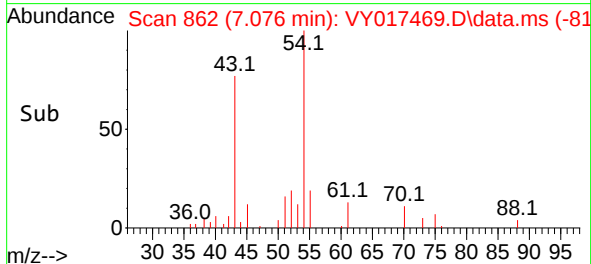
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
61 16.4 12.6 19.0
70 12.0 7.8 11.8

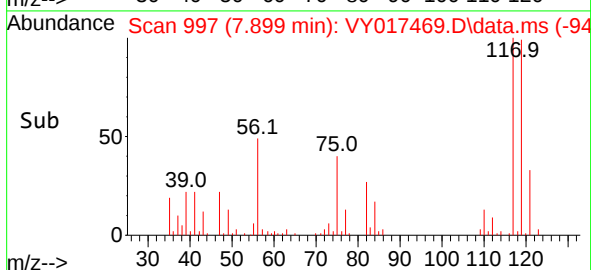
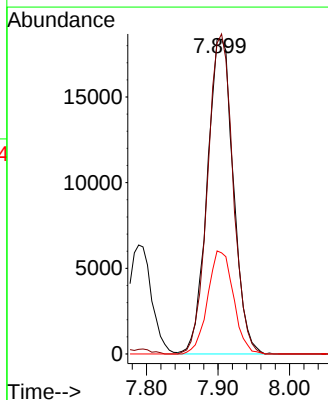
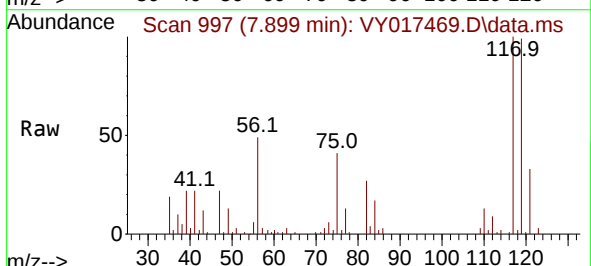
Manual Integrations
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Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#38
Carbon Tetrachloride
Concen: 19.904 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:117 Resp: 46707
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.6
121 32.7 24.0 36.0





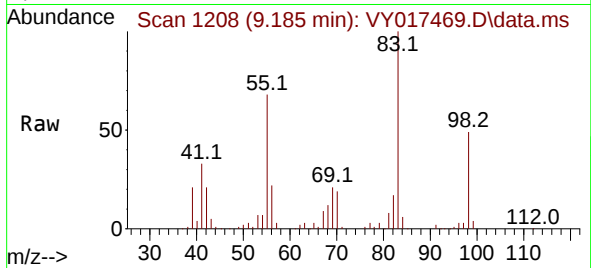
#39
Methylcyclohexane
Concen: 19.499 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

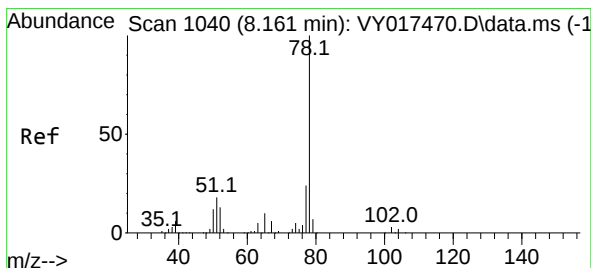
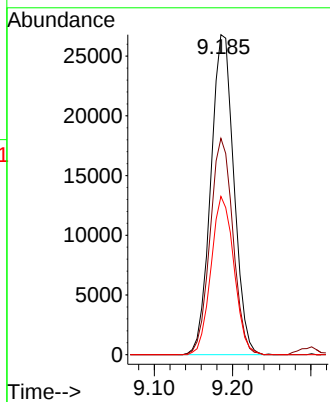
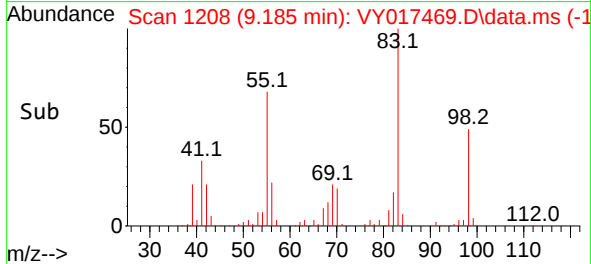


Tgt Ion: 83 Resp: 5486
Ion Ratio Lower Upper
83 100
55 67.6 51.5 77.3
98 49.5 40.5 60.7

Manual Integrations

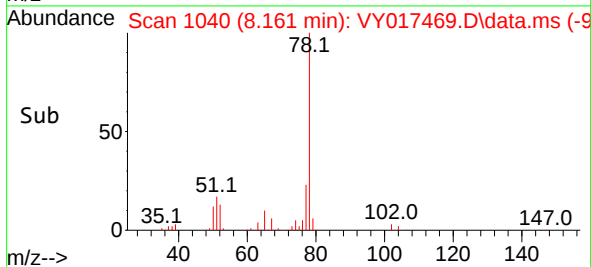
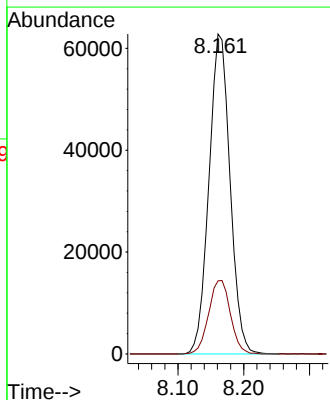
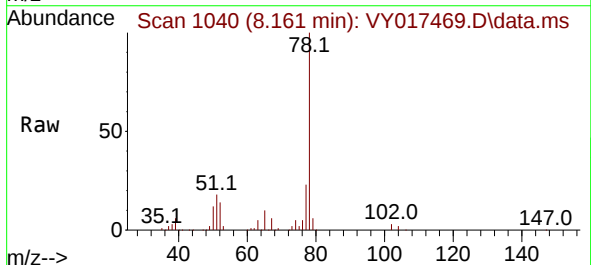
APPROVED

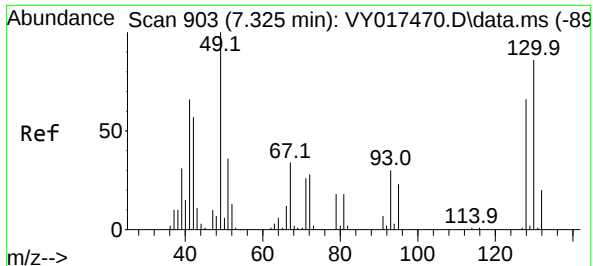
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#40
Benzene
Concen: 20.150 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

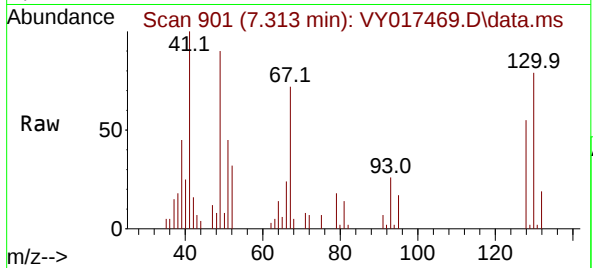
Tgt Ion: 78 Resp: 140110
Ion Ratio Lower Upper
78 100
77 22.9 19.5 29.3





#41
Methacrylonitrile
Concen: 19.123 ug/l
RT: 7.313 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

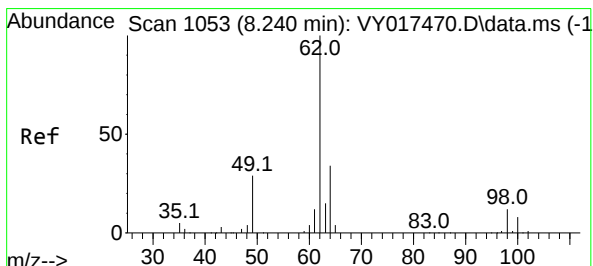
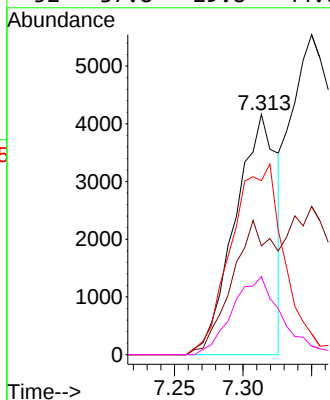
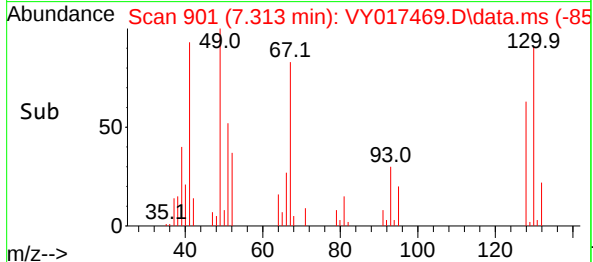
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 8874
Ion Ratio Lower Upper
41 100
39 57.1 48.0 72.0
67 99.9 75.1 112.7
52 37.8 29.8 44.6

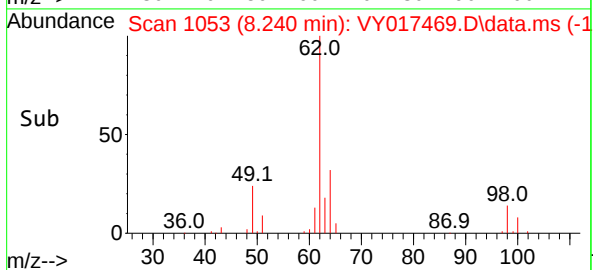
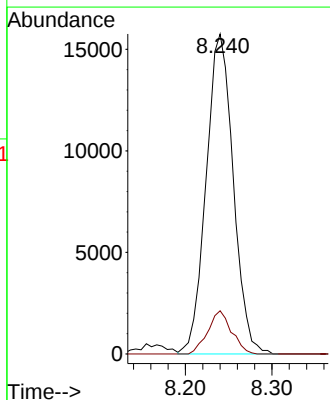
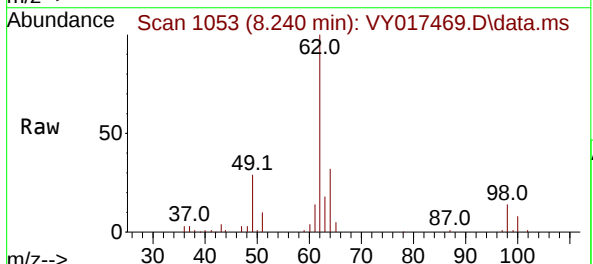
Manual Integrations
APPROVED

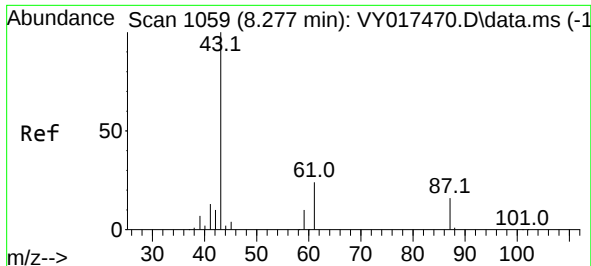
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#42
1,2-Dichloroethane
Concen: 20.205 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 62 Resp: 34277
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 19.709 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

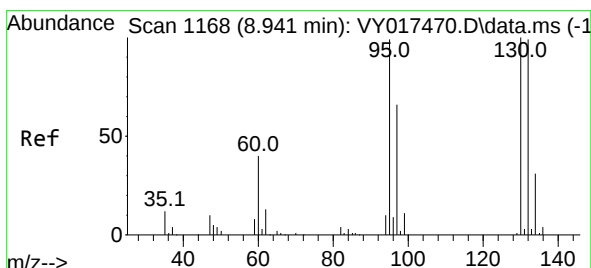
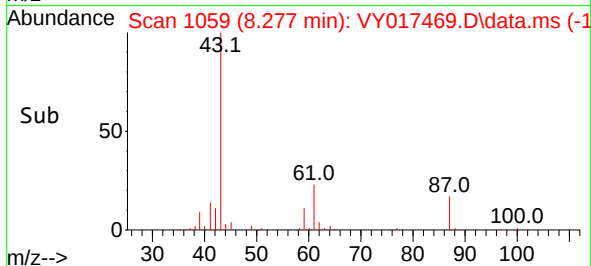
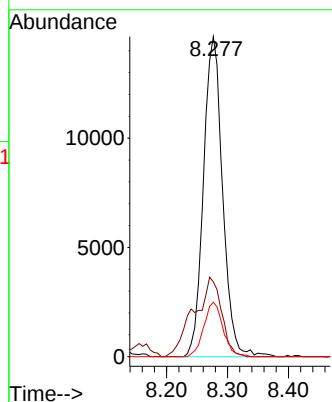
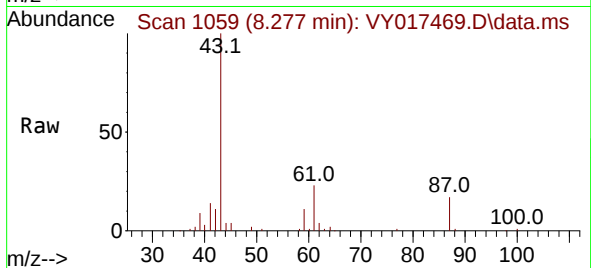
Tgt Ion: 43 Resp: 32028

Ion	Ratio	Lower	Upper
43	100		
61	35.6	27.9	41.9
87	17.1	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#44

Trichloroethene

Concen: 20.145 ug/l

RT: 8.941 min Scan# 1168

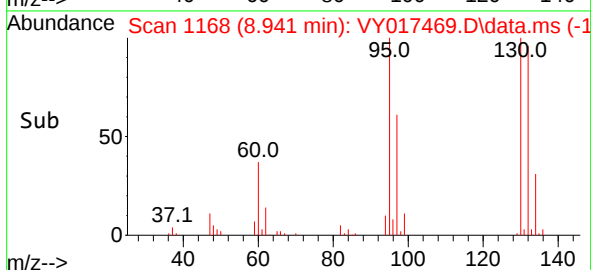
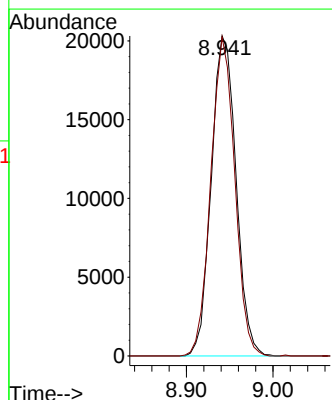
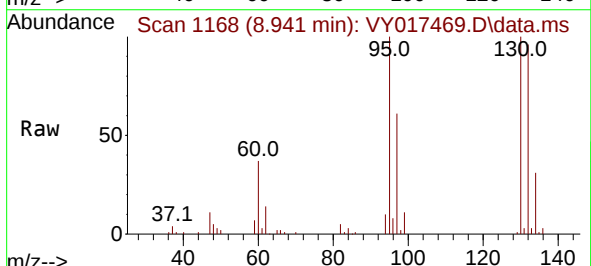
Delta R.T. 0.000 min

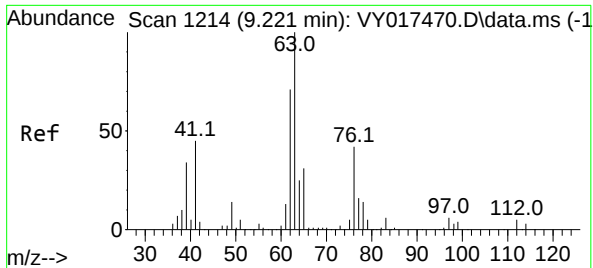
Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion:130 Resp: 40373

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.249 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 33498

Ion Ratio Lower Upper

63 100

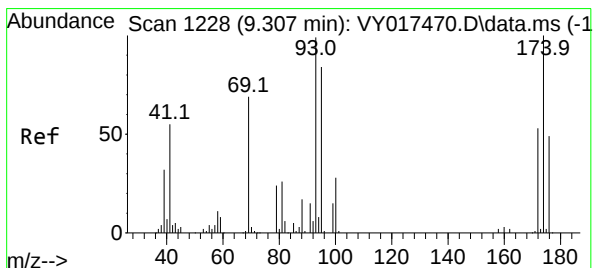
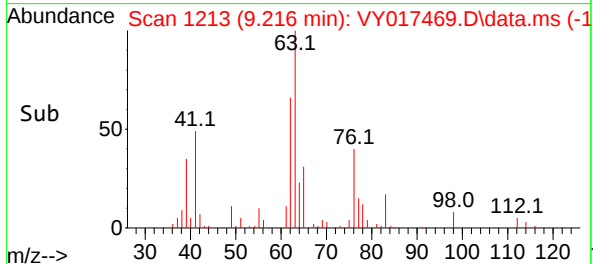
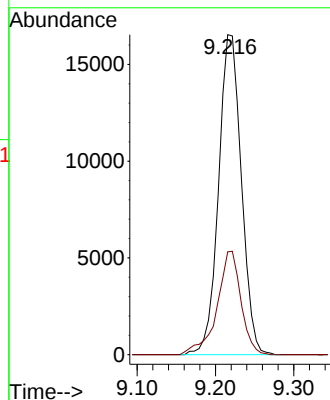
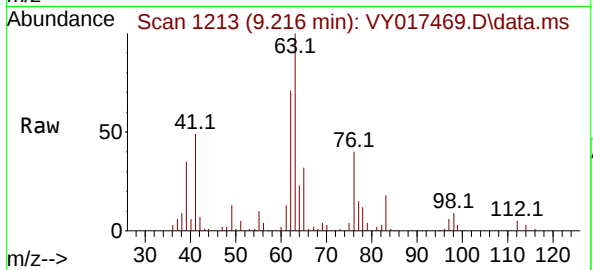
65 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#46

Dibromomethane

Concen: 20.168 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

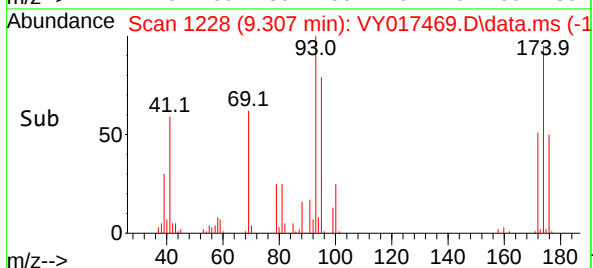
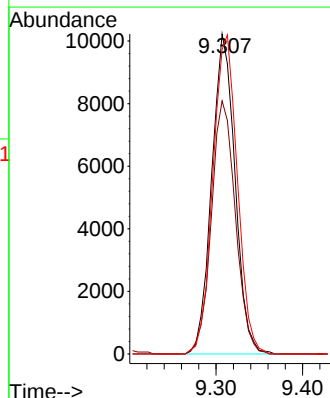
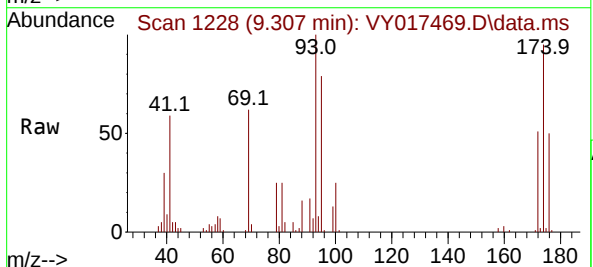
Tgt Ion: 93 Resp: 19094

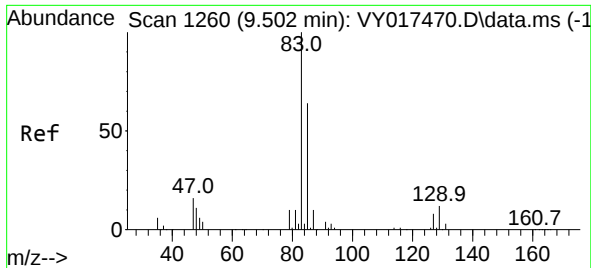
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 104.6 80.9 121.3





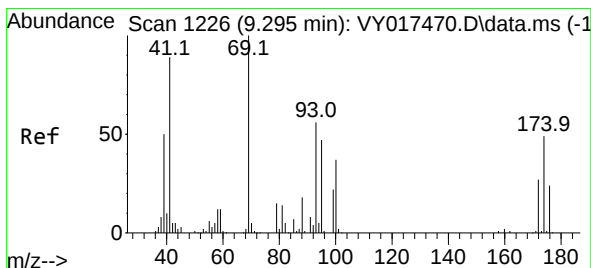
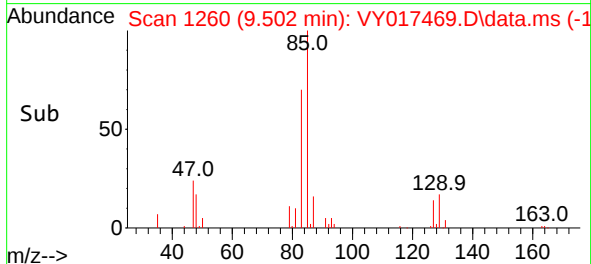
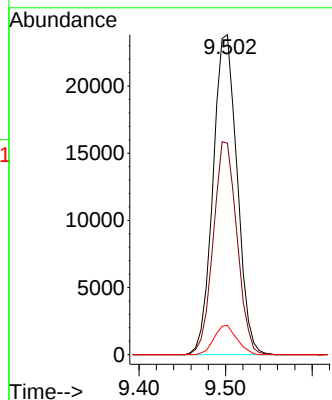
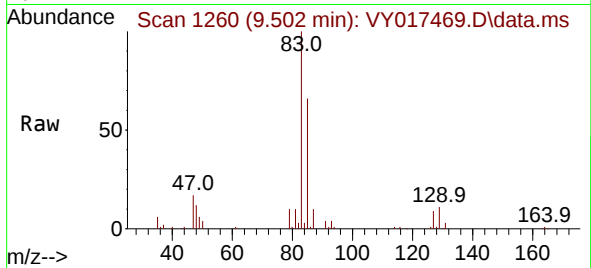
#47
Bromodichloromethane
Concen: 20.022 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 46020
Ion Ratio Lower Upper
83 100
85 66.1 50.1 75.1
127 9.2 7.4 11.0

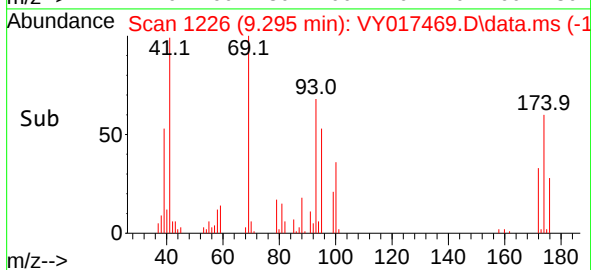
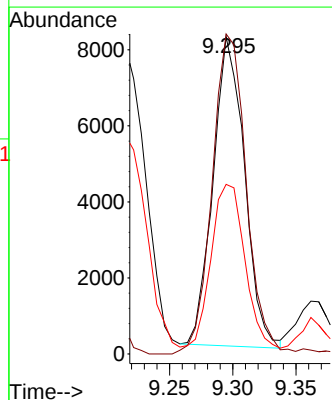
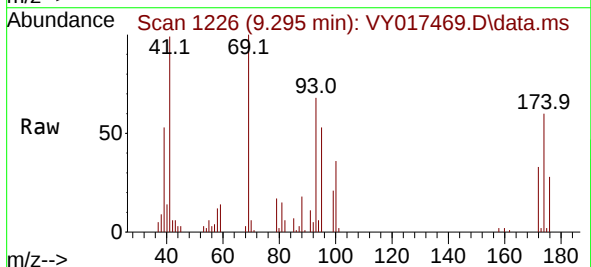
Manual Integrations
APPROVED

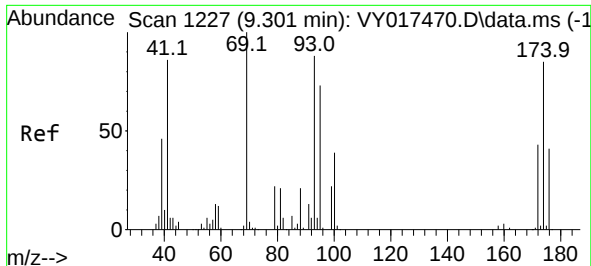
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#48
Methyl methacrylate
Concen: 18.677 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

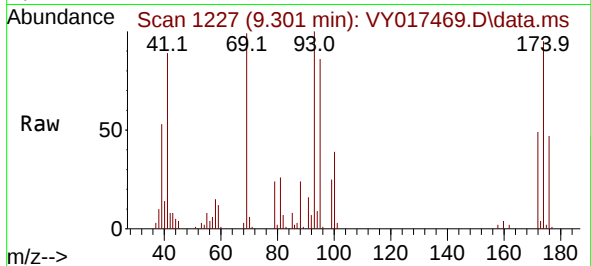
Tgt Ion: 41 Resp: 14049
Ion Ratio Lower Upper
41 100
69 112.1 84.1 126.1
39 57.3 43.6 65.4





#49
1,4-Dioxane
Concen: 386.578 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

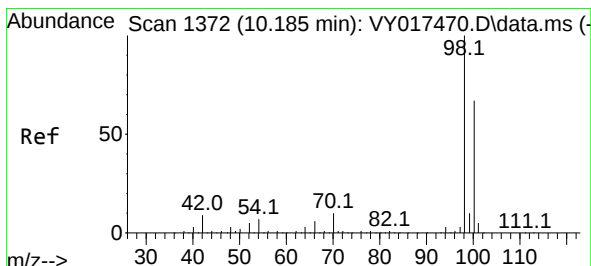
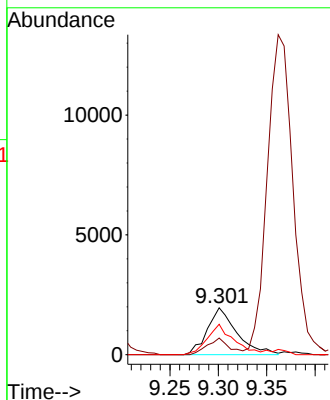
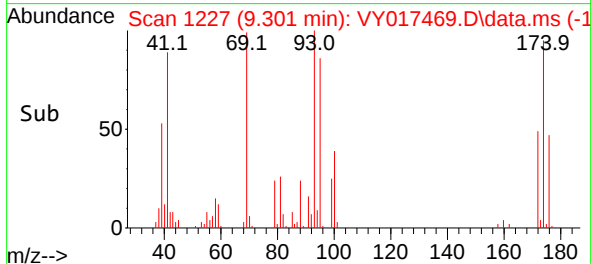
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 4142
Ion Ratio Lower Upper
88 100
43 26.4 0.0 0.0
58 57.9 49.3 73.9

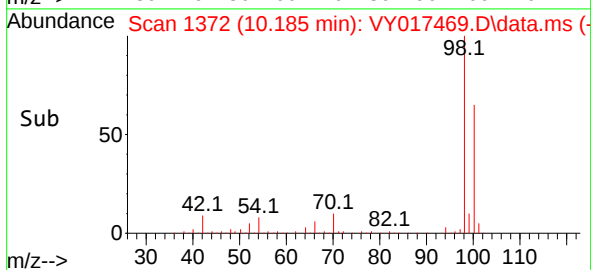
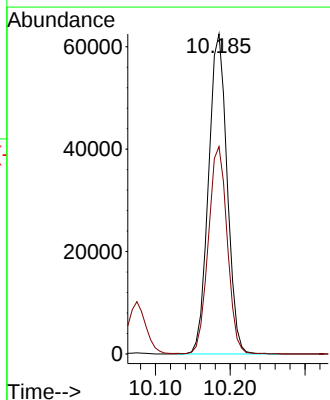
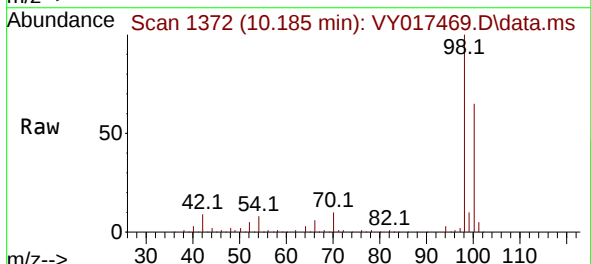
Manual Integrations
APPROVED

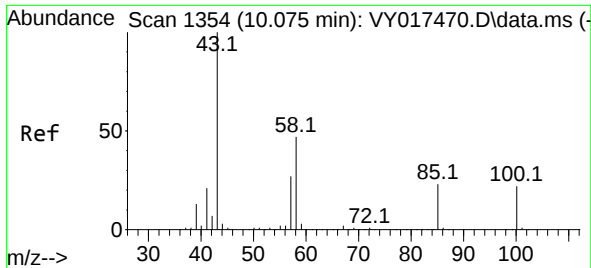
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#50
Toluene-d8
Concen: 17.774 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

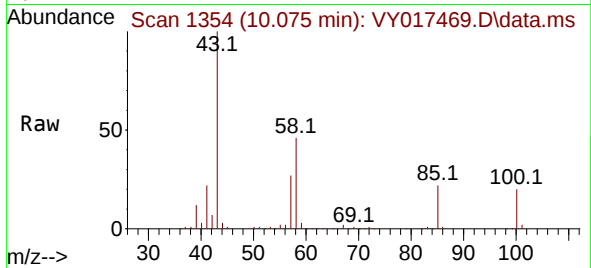
Tgt Ion: 98 Resp: 107842
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 98.759 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

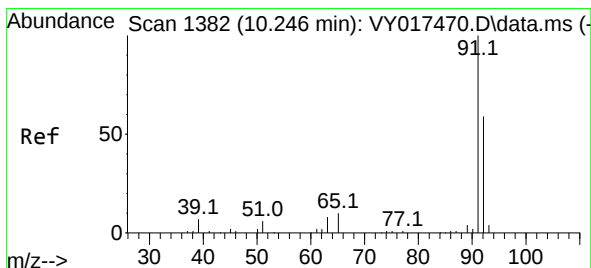
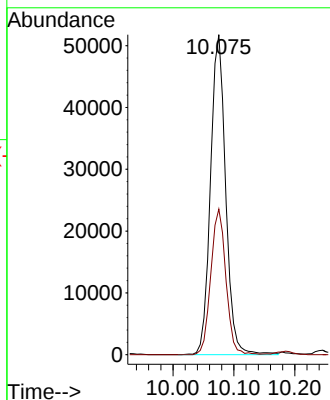
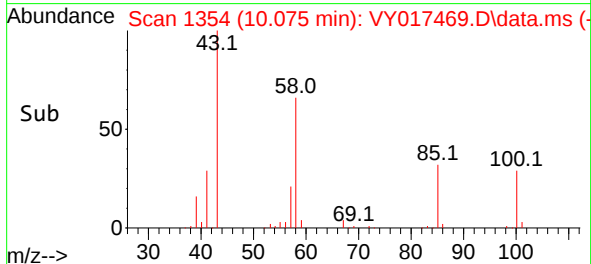
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 8944
Ion Ratio Lower Upper
43 100
58 45.2 35.7 53.5

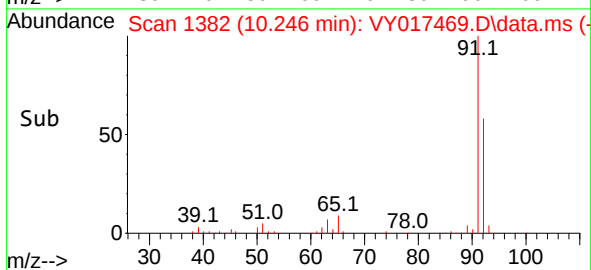
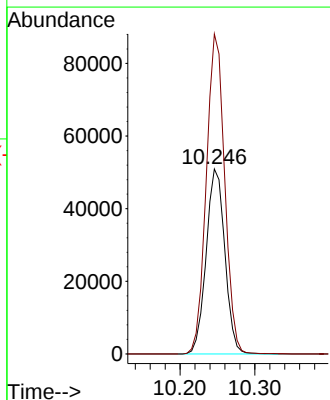
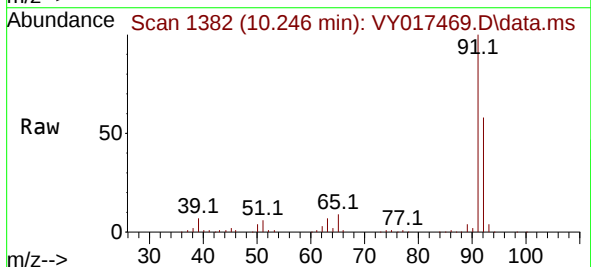
Manual Integrations
APPROVED

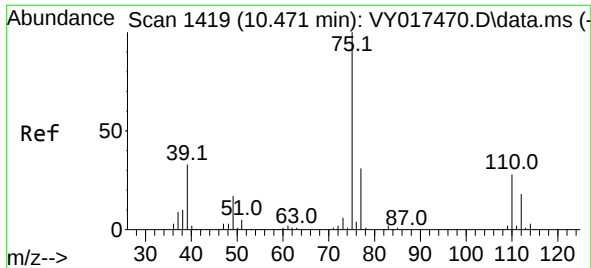
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#52
Toluene
Concen: 20.228 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

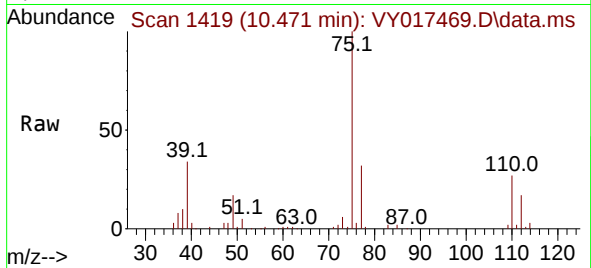
Tgt Ion: 92 Resp: 88666
Ion Ratio Lower Upper
92 100
91 169.8 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 20.073 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

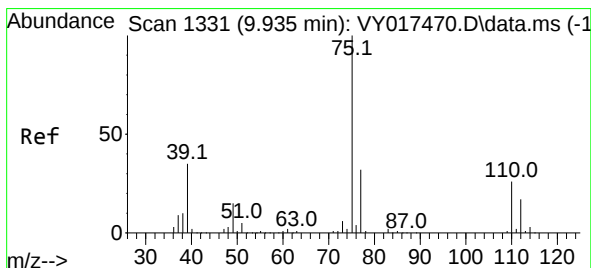
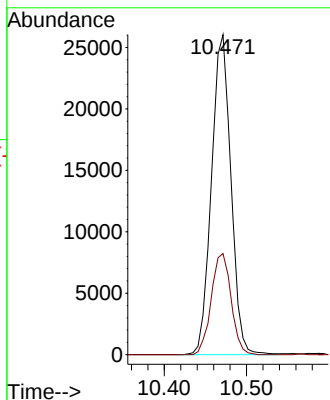
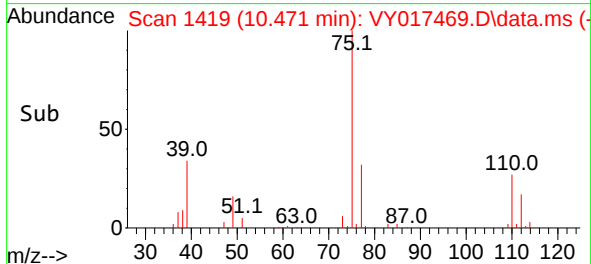
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 42829
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1

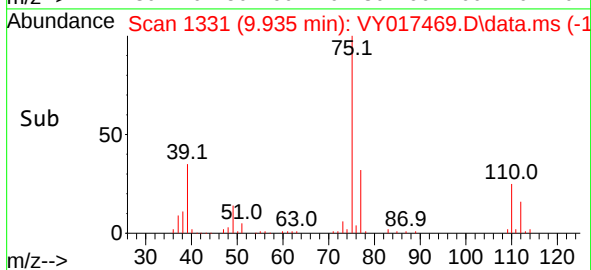
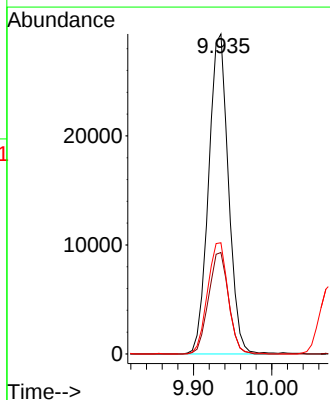
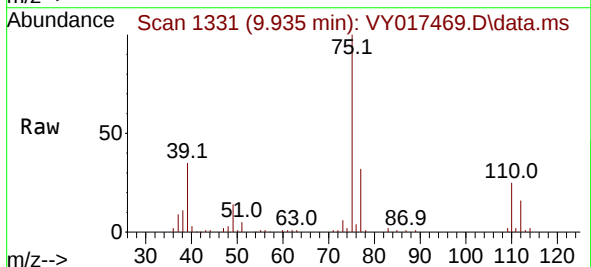
Manual Integrations
APPROVED

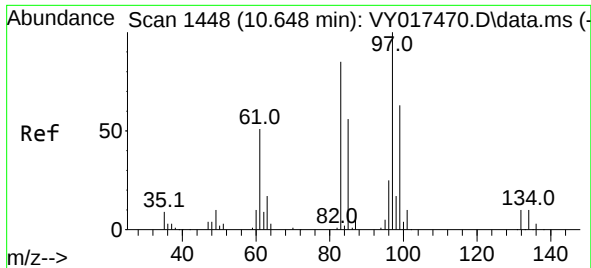
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#54
cis-1,3-Dichloropropene
Concen: 19.888 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

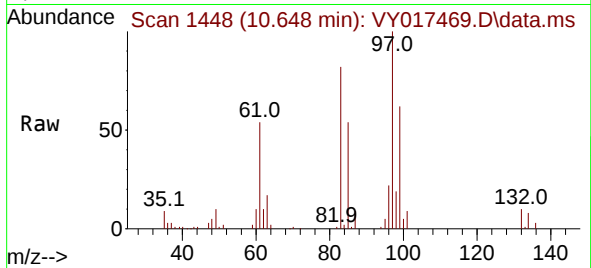
Tgt Ion: 75 Resp: 51562
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 34.7 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 20.265 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

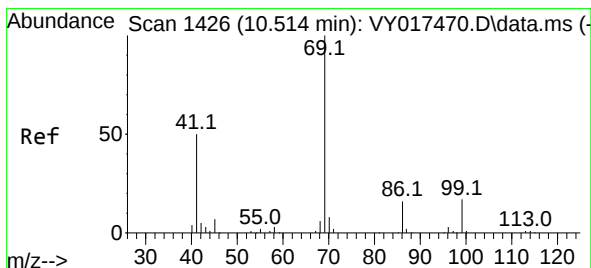
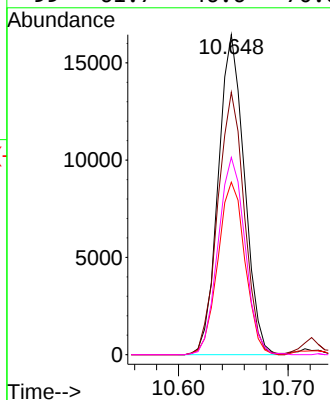
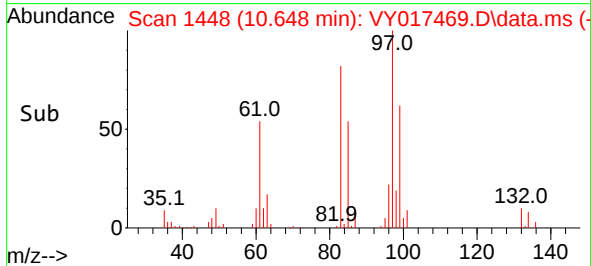
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



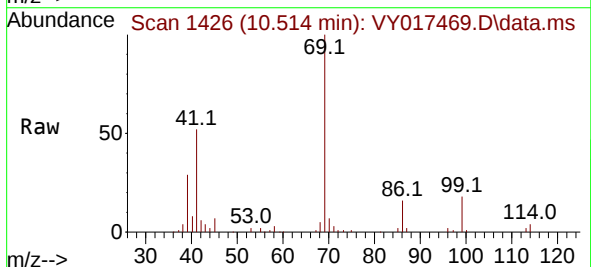
Tgt Ion:	97	Resp:	27240
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.5	101.3
85	53.9	42.9	64.3
99	61.7	46.6	70.0

Manual Integrations
APPROVED

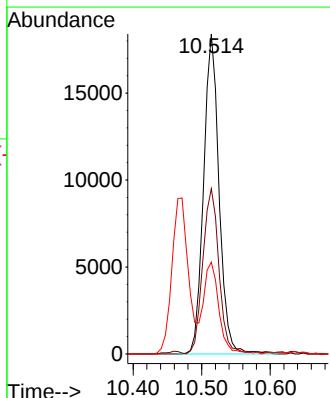
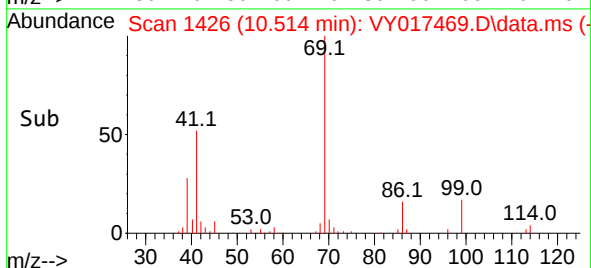
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

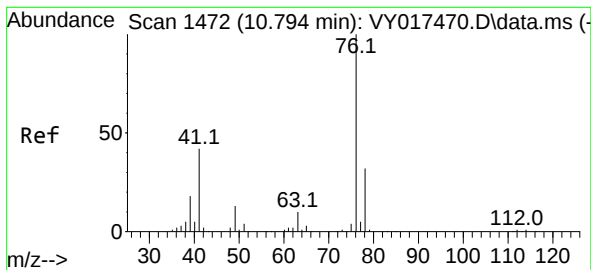


#56
Ethyl methacrylate
Concen: 19.147 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



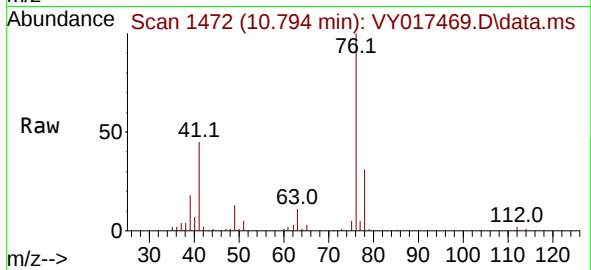
Tgt Ion:	69	Resp:	28935
Ion	Ratio	Lower	Upper
69	100		
41	53.9	42.3	63.5
39	27.7	22.9	34.3





#57
1,3-Dichloropropane
Concen: 20.167 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

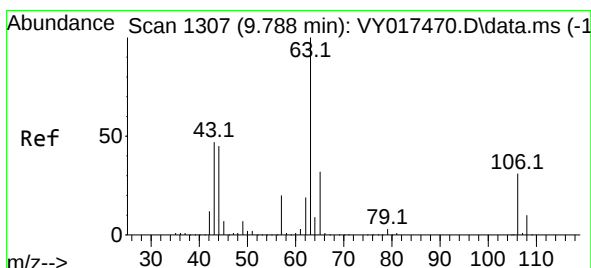
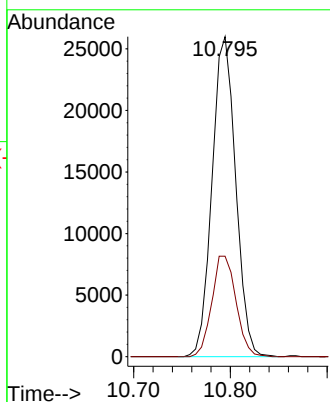
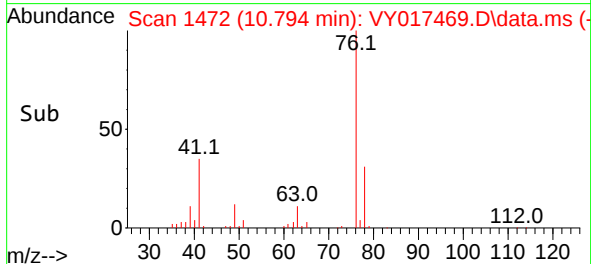
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



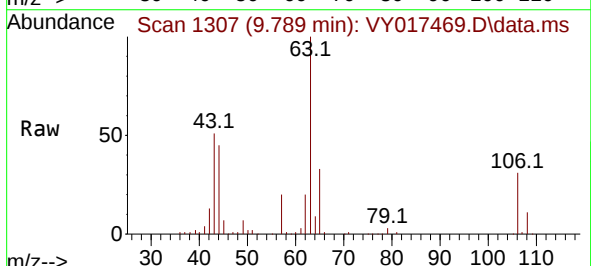
Tgt Ion: 76 Resp: 44070
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

Manual Integrations
APPROVED

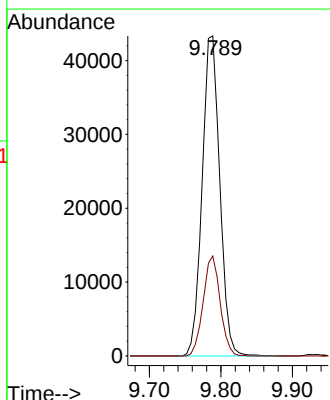
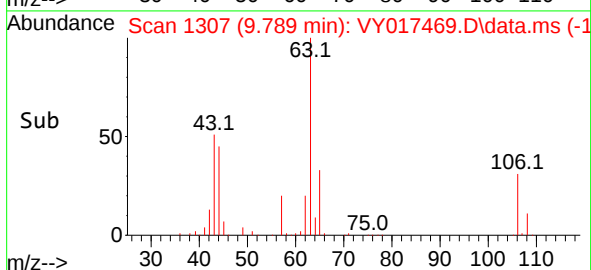
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

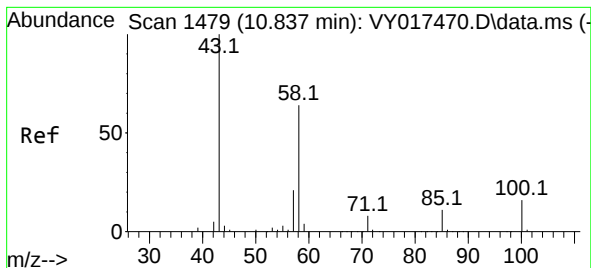


#58
2-Chloroethyl Vinyl ether
Concen: 95.714 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



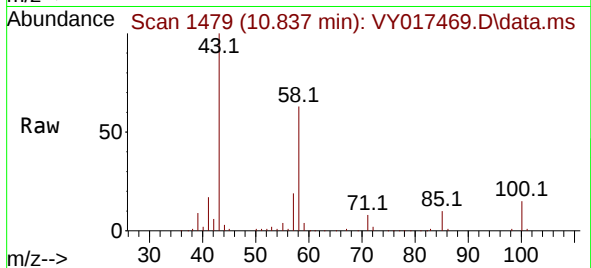
Tgt Ion: 63 Resp: 74243
Ion Ratio Lower Upper
63 100
106 30.0 23.7 35.5





#59
2-Hexanone
Concen: 101.284 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

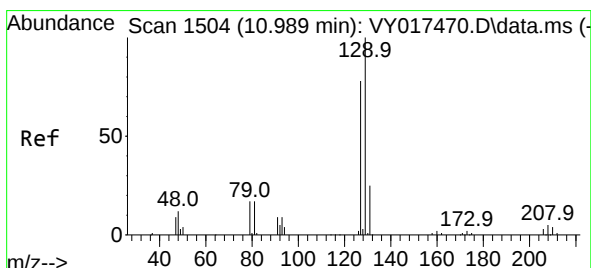
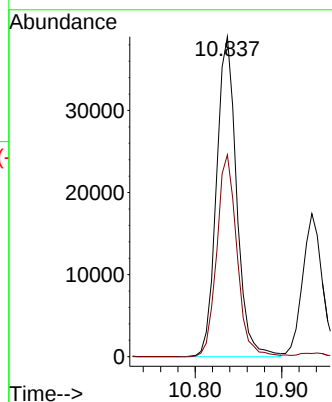
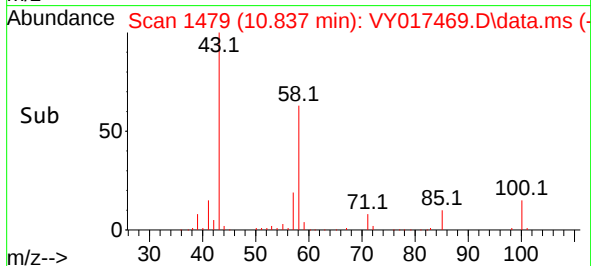
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



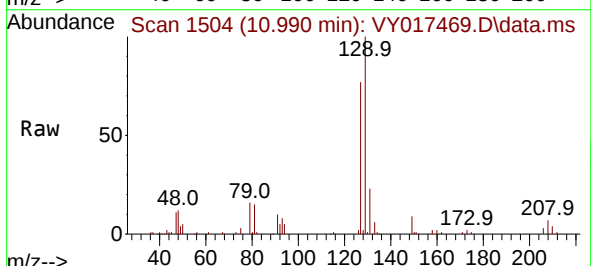
Tgt Ion: 43 Resp: 63008
Ion Ratio Lower Upper
43 100
58 63.2 31.4 94.0

Manual Integrations
APPROVED

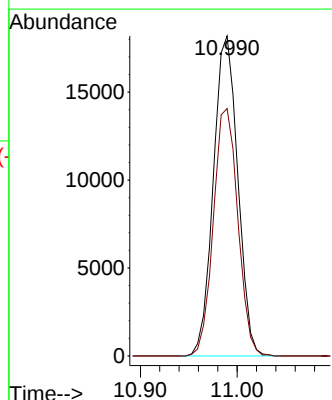
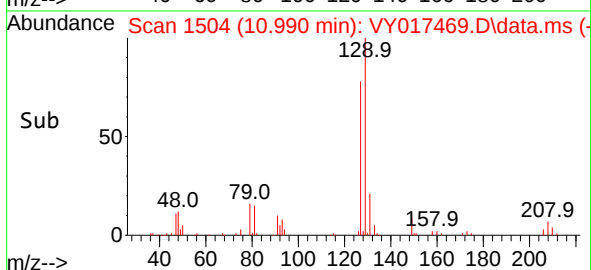
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

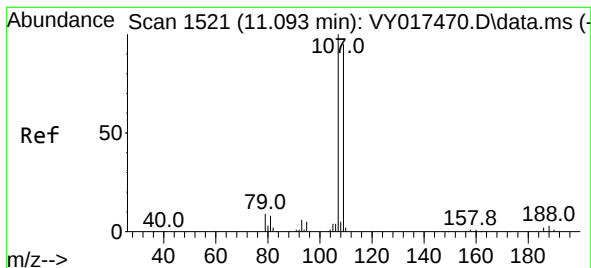


#60
Dibromochloromethane
Concen: 20.043 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



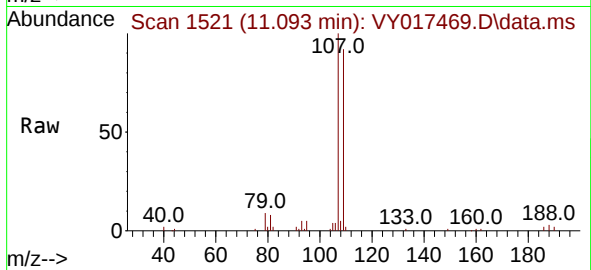
Tgt Ion:129 Resp: 31872
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.238 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

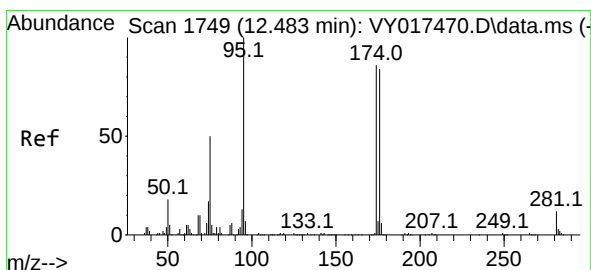
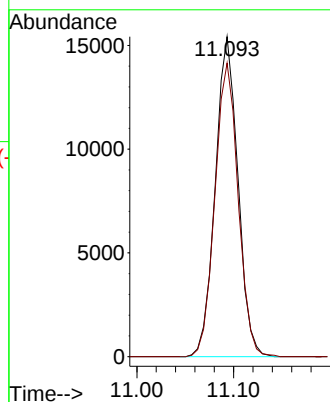
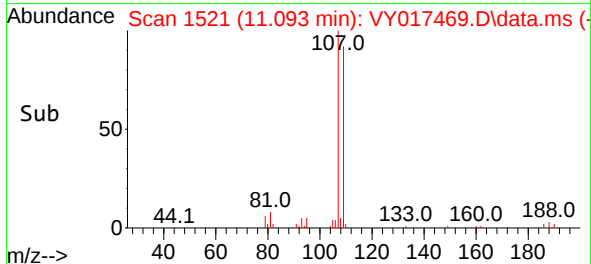
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



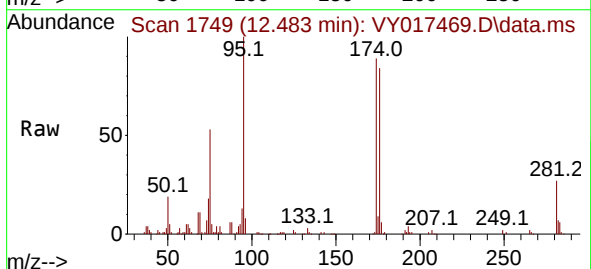
Tgt Ion:107 Resp: 25070
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9

Manual Integrations
APPROVED

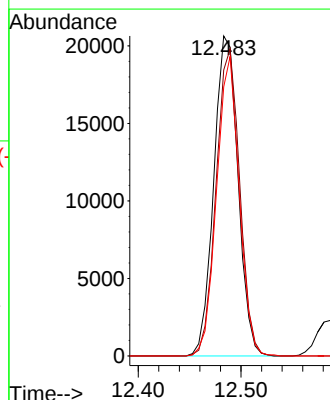
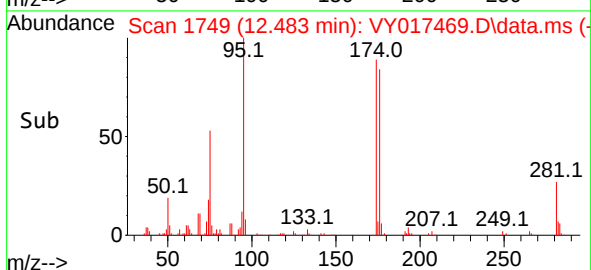
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

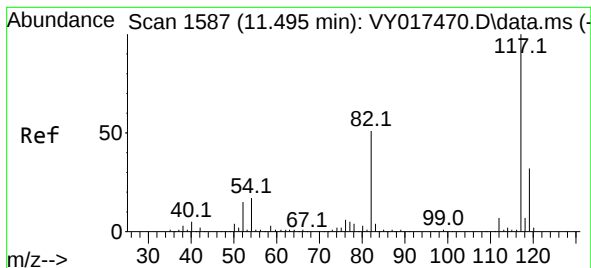


#62
4-Bromofluorobenzene
Concen: 17.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



Tgt Ion: 95 Resp: 33719
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 87.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

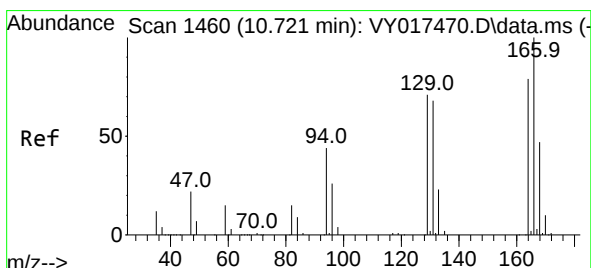
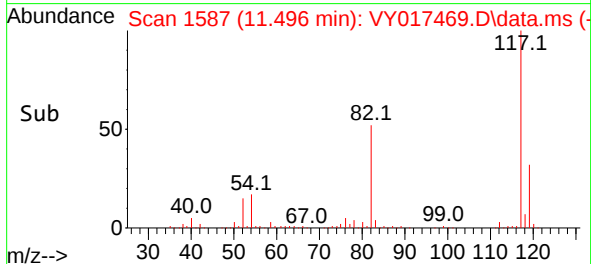
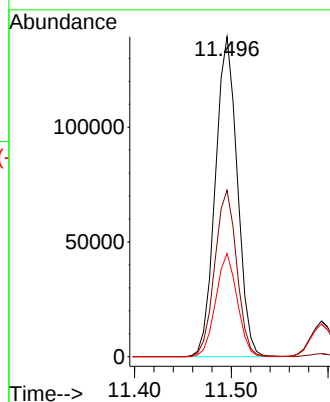
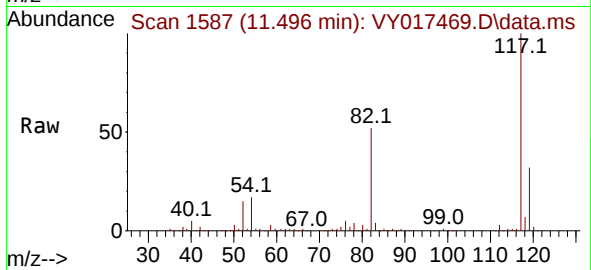
Tgt Ion:117 Resp: 22001

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.4	63.6
119	32.3	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#64

Tetrachloroethene

Concen: 20.764 ug/l

RT: 10.721 min Scan# 1460

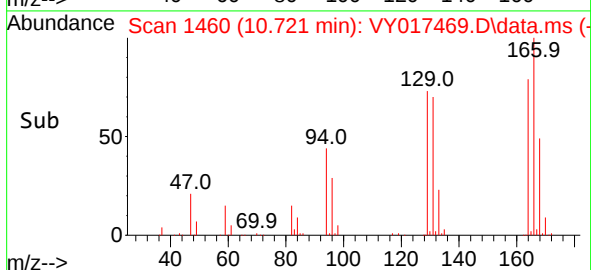
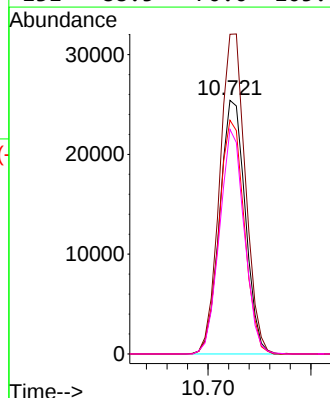
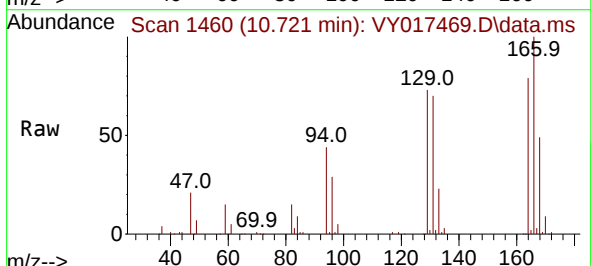
Delta R.T. 0.000 min

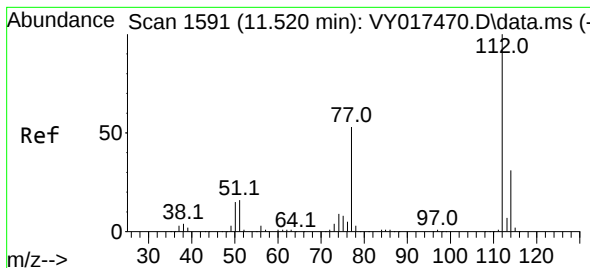
Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion:164 Resp: 43849

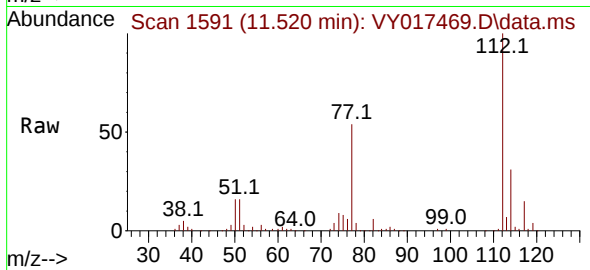
Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.6	154.0
129	92.1	72.0	108.0
131	88.5	70.0	105.0





#65
Chlorobenzene
Concen: 20.259 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

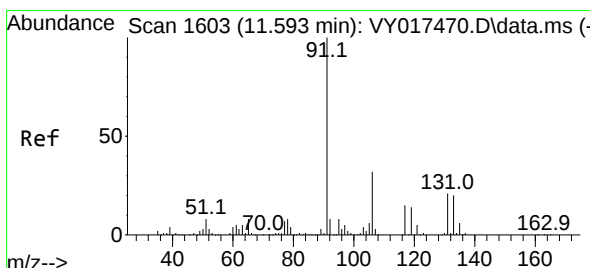
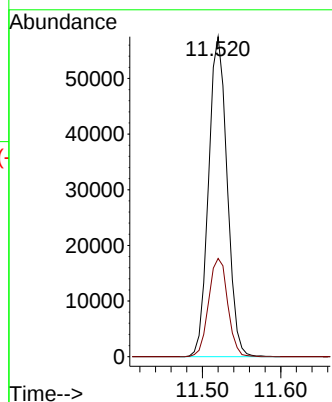
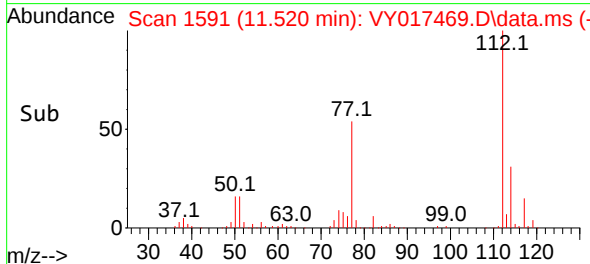
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 94609
Ion Ratio Lower Upper
112 100
114 30.7 26.4 39.6

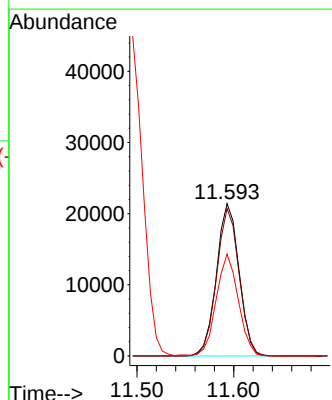
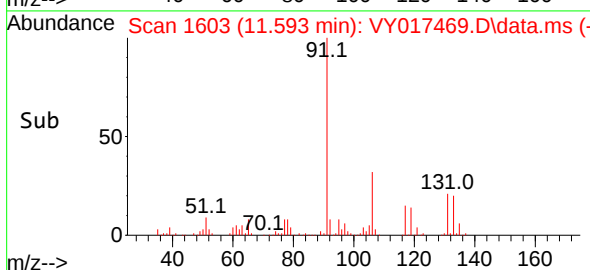
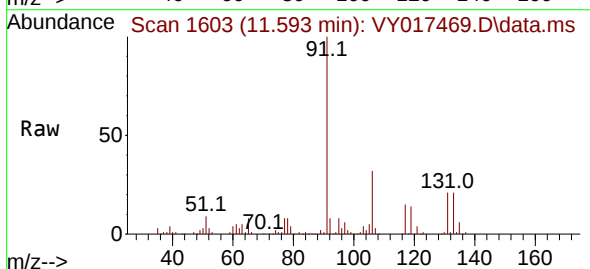
Manual Integrations
APPROVED

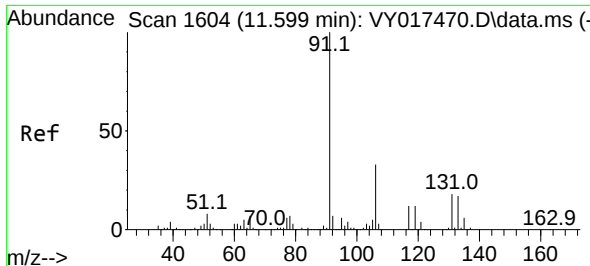
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.845 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

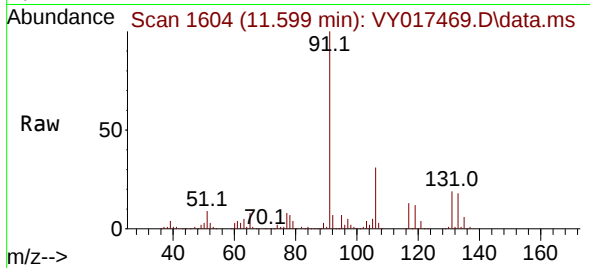
Tgt Ion:131 Resp: 34719
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 65.3 34.1 102.2





#67
Ethyl Benzene
Concen: 19.761 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

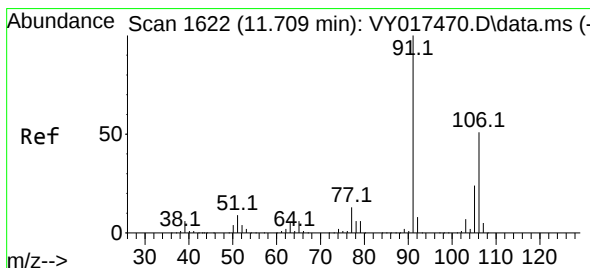
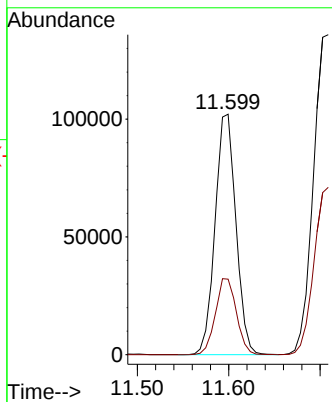
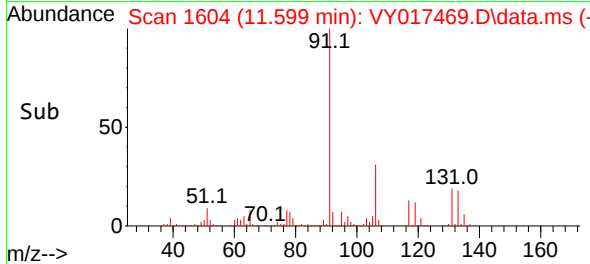
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



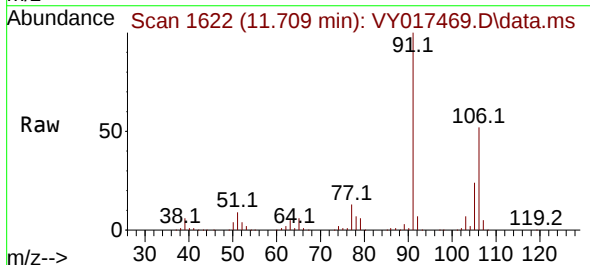
Tgt Ion: 91 Resp: 161844
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

Manual Integrations
APPROVED

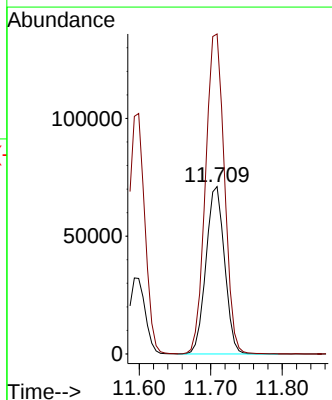
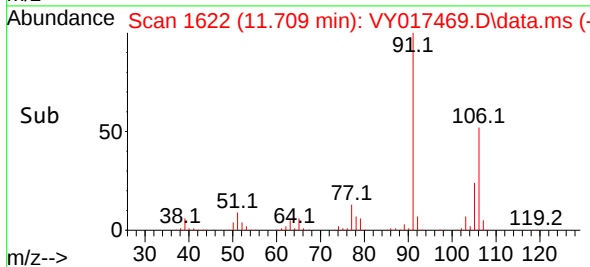
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#68
m/p-Xylenes
Concen: 39.809 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



Tgt Ion:106 Resp: 128111
Ion Ratio Lower Upper
106 100
91 194.9 156.0 234.0





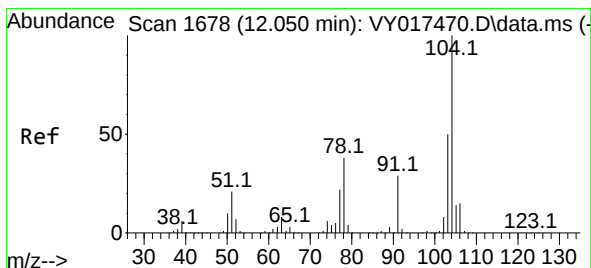
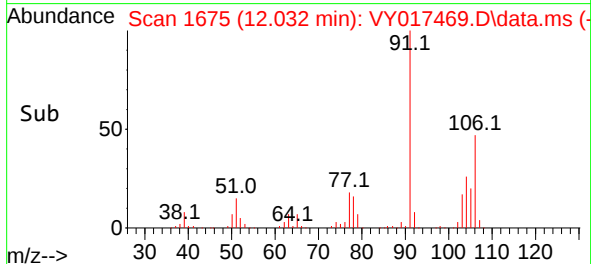
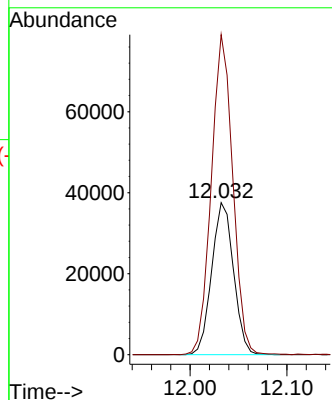
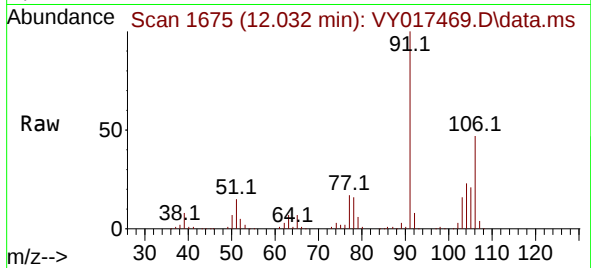
#69
o-Xylene
Concen: 19.725 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 5889
Ion Ratio Lower Upper
106 100
91 206.8 103.6 310.8

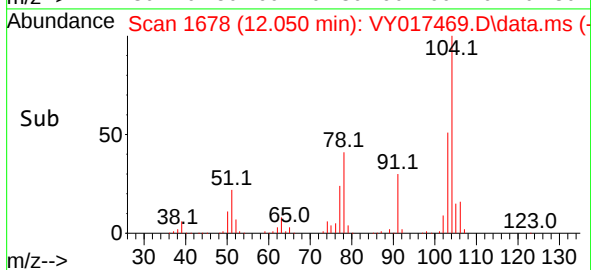
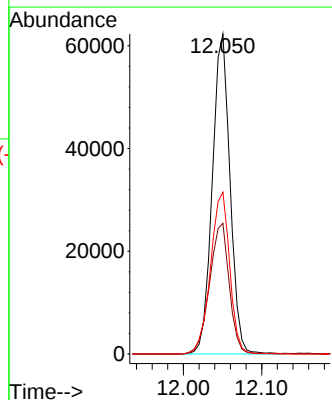
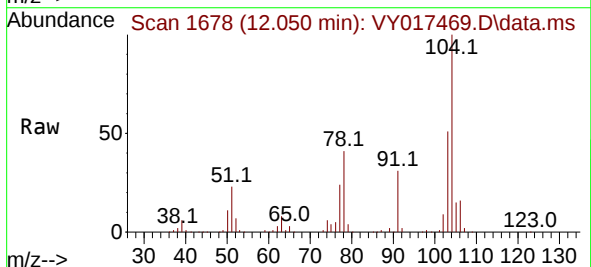
Manual Integrations
APPROVED

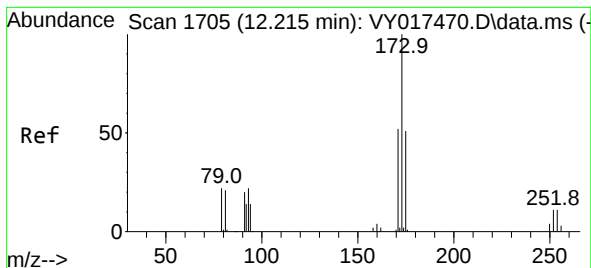
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#70
Styrene
Concen: 19.785 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:104 Resp: 98048
Ion Ratio Lower Upper
104 100
78 45.3 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 19.587 ug/l

RT: 12.209 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

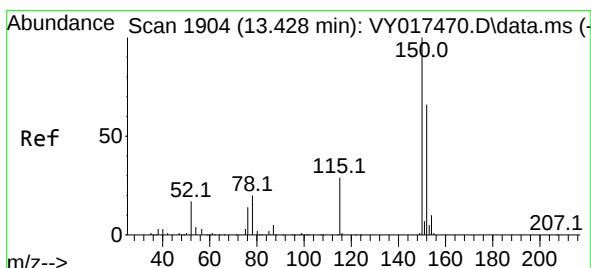
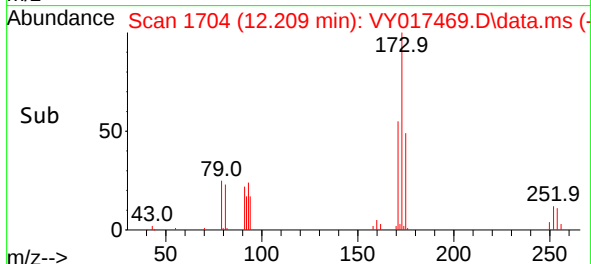
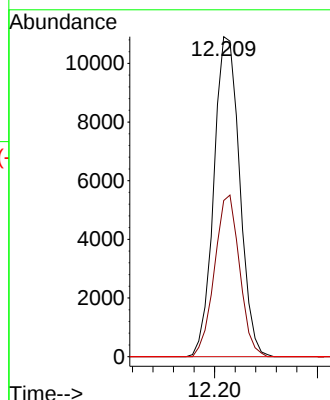
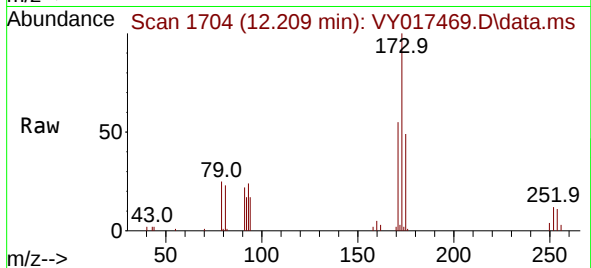
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

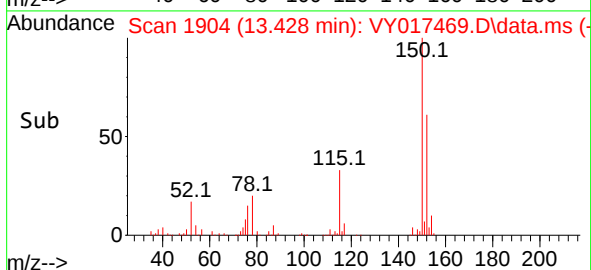
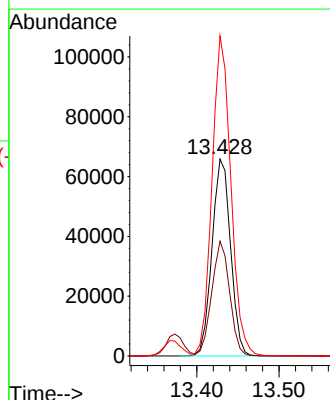
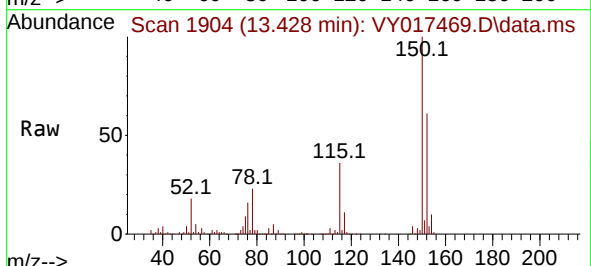
RT: 13.428 min Scan# 1904

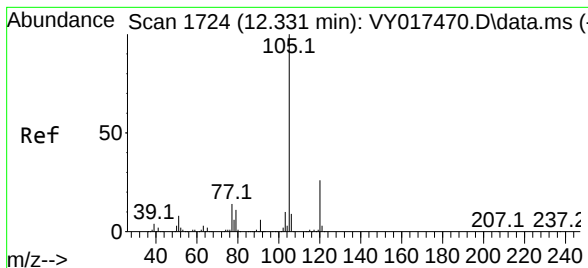
Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.2	84.7
150	164.7	0.0	345.6





#73

Isopropylbenzene

Concen: 20.351 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 15608

Ion Ratio Lower Upper

105 100

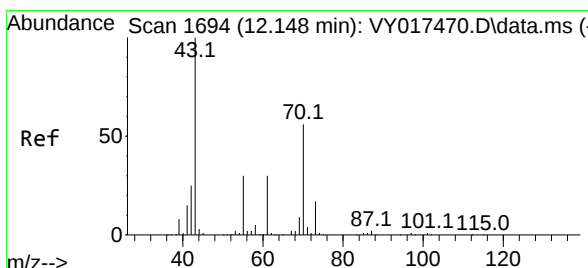
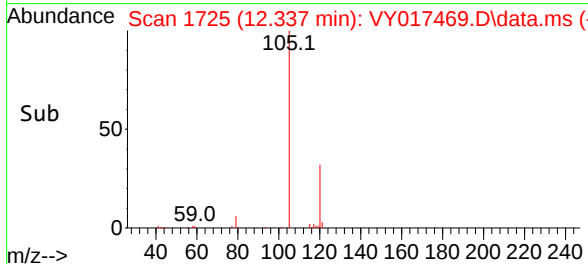
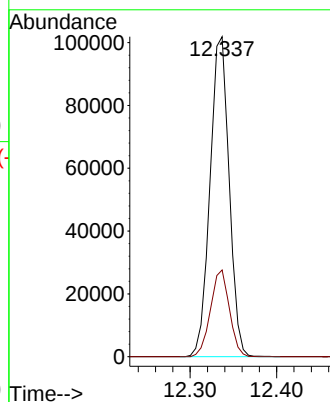
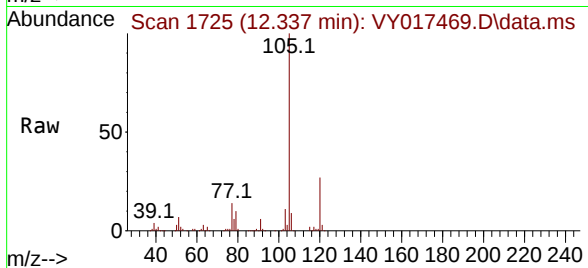
120 26.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#74

N-ethyl acetate

Concen: 19.806 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion: 43 Resp: 26792

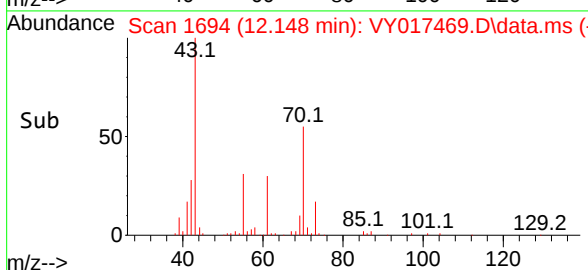
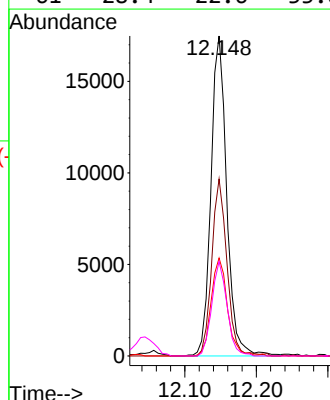
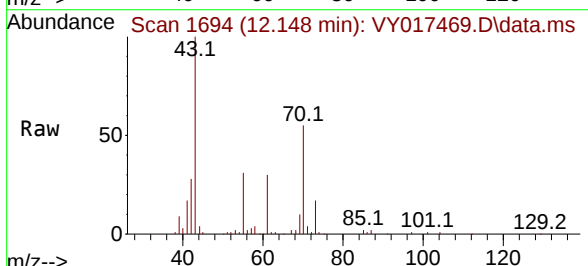
Ion Ratio Lower Upper

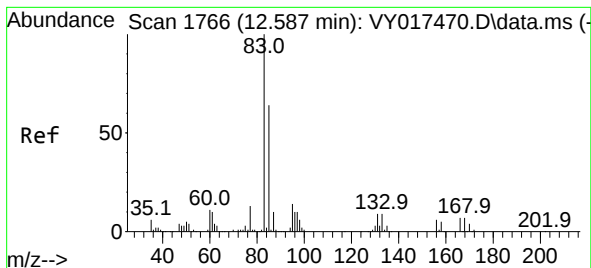
43 100

70 53.4 41.4 62.2

55 31.7 23.3 34.9

61 28.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.360 ug/l

RT: 12.581 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

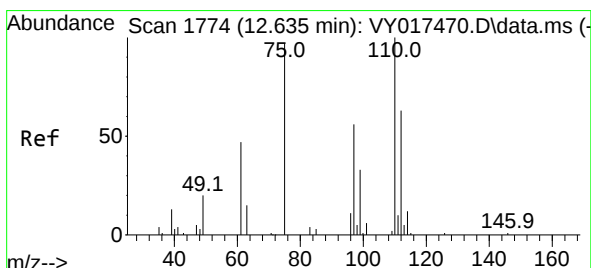
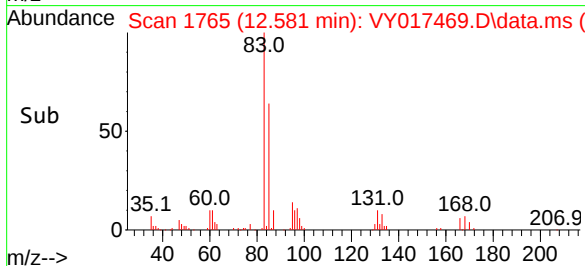
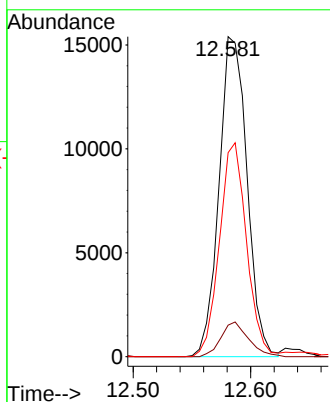
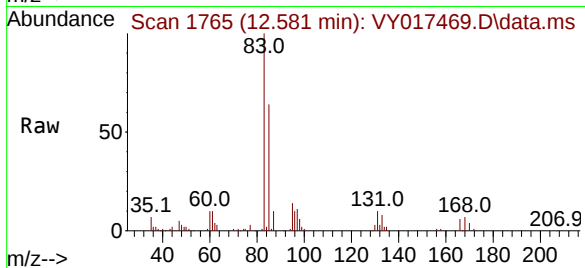
VSTDICC020

Tgt Ion: 83 Resp: 25498
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 14.9
 85 64.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024



#76

1,2,3-Trichloropropane

Concen: 19.110 ug/l m

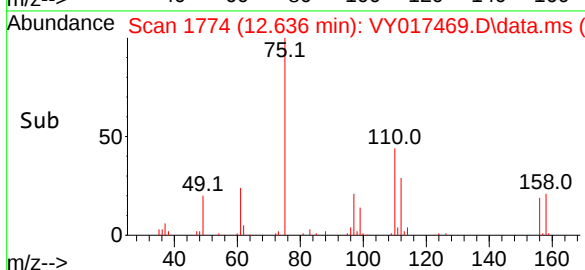
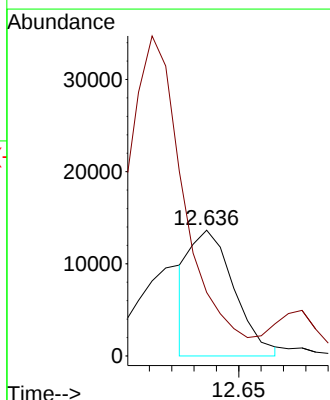
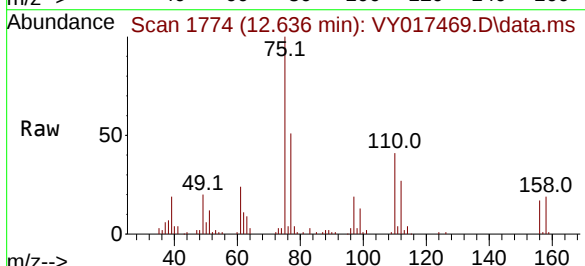
RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion: 75 Resp: 18745
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.040 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

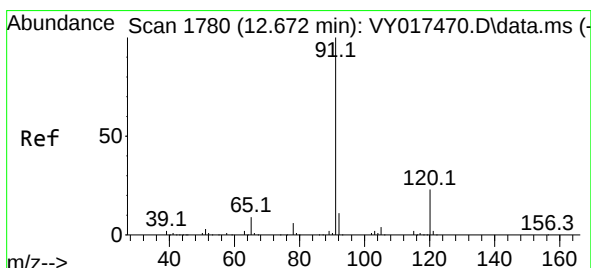
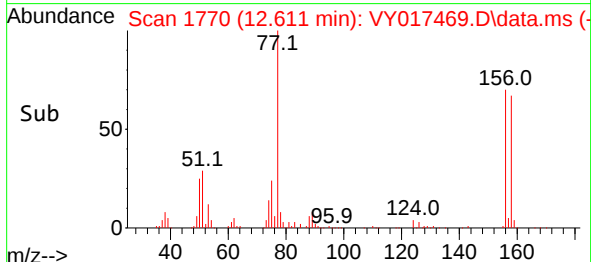
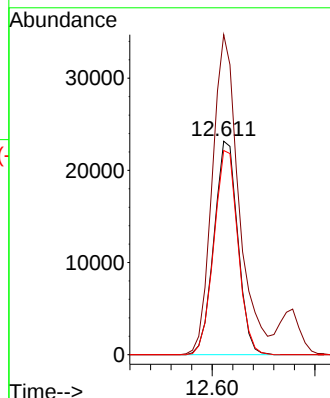
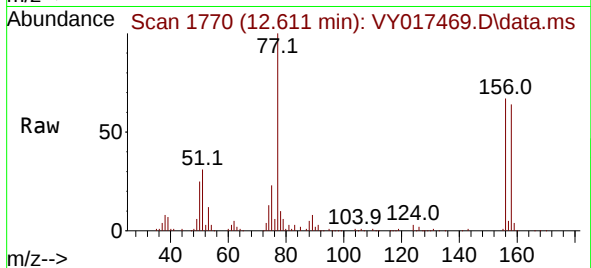
VSTDIC020

Tgt Ion:156 Resp: 3722
 Ion Ratio Lower Upper
 156 100
 77 166.8 87.1 261.3
 158 96.7 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024



#78

n-propylbenzene

Concen: 20.639 ug/l

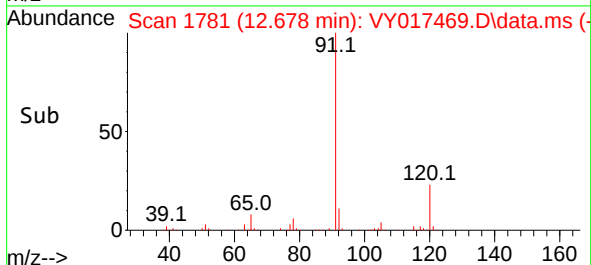
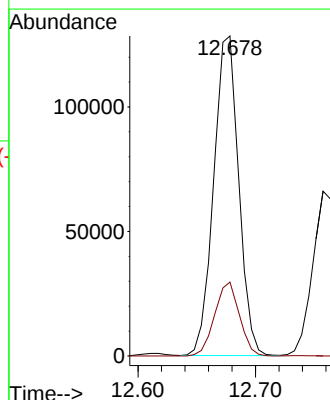
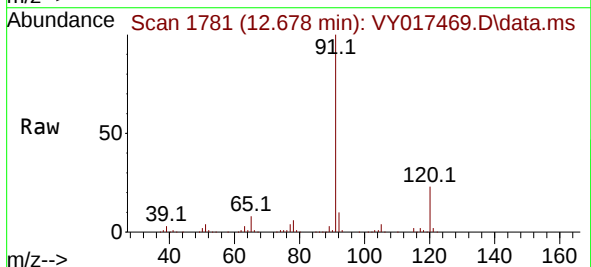
RT: 12.678 min Scan# 1781

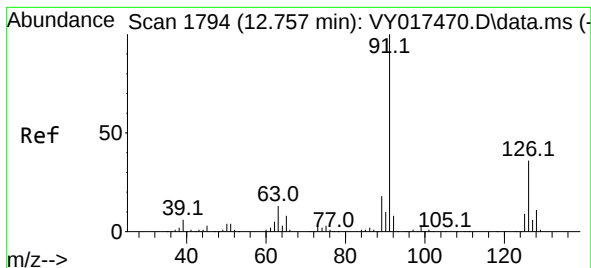
Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion: 91 Resp: 189938
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.5 34.4





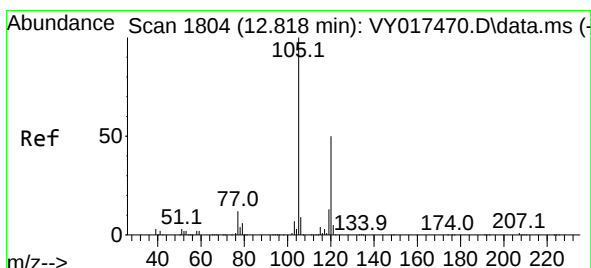
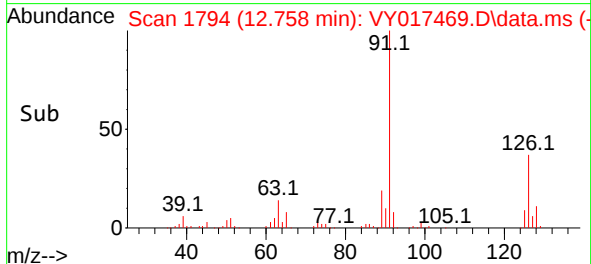
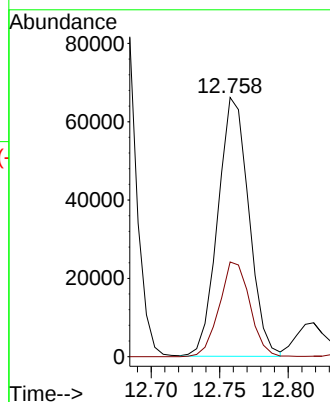
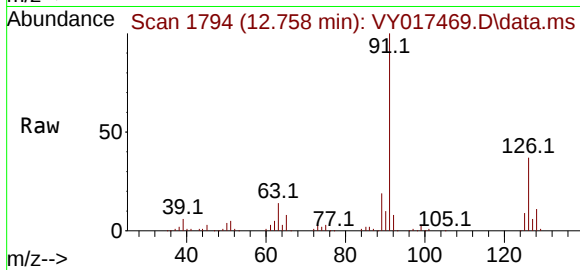
#79
2-Chlorotoluene
Concen: 20.202 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 104089
Ion Ratio Lower Upper
91 100
126 36.1 17.8 53.5

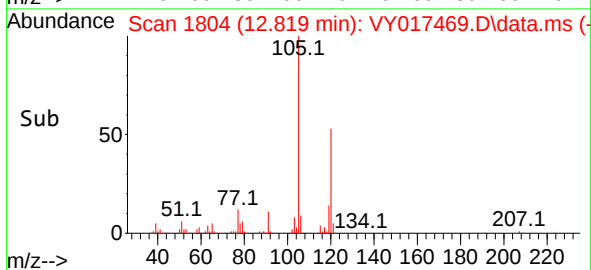
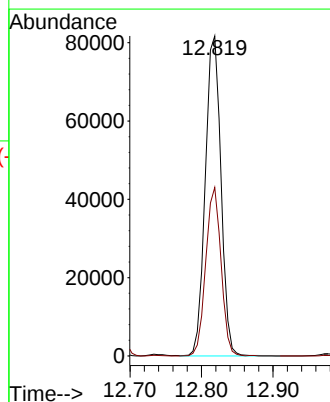
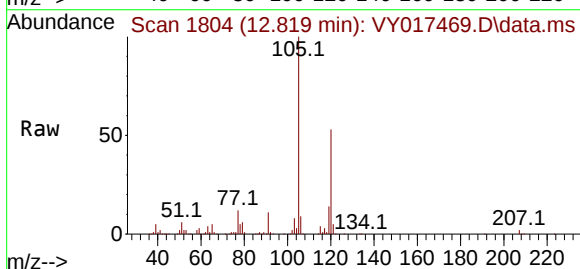
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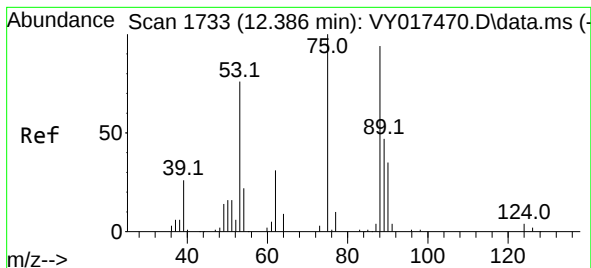
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.277 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:105 Resp: 124597
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.2





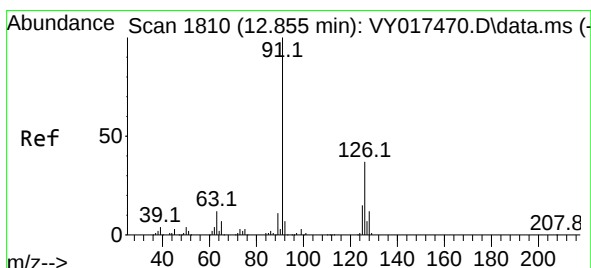
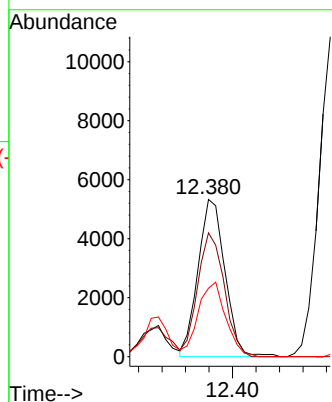
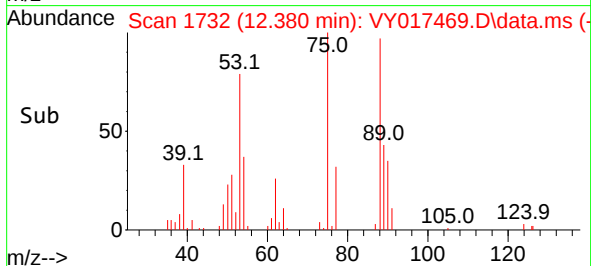
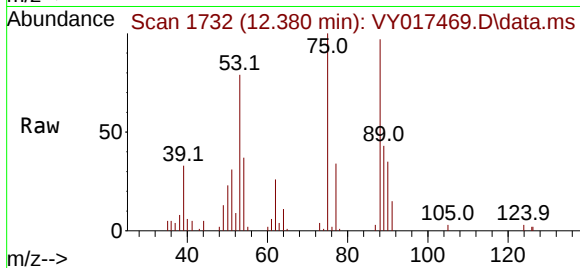
#81
trans-1,4-Dichloro-2-butene
Concen: 19.916 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 850
Ion Ratio Lower Upper
75 100
53 77.7 66.8 100.2
89 48.4 35.8 53.6

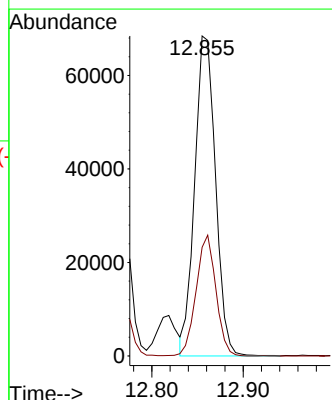
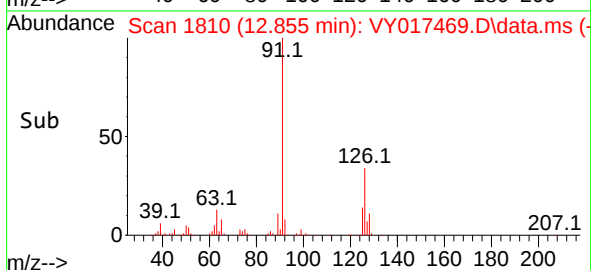
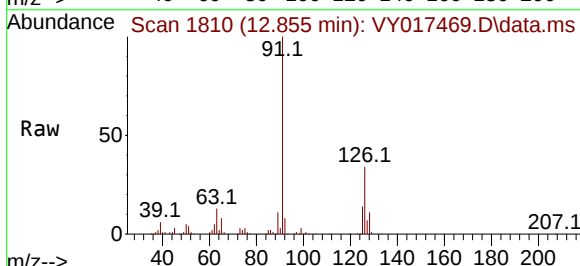
Manual Integrations
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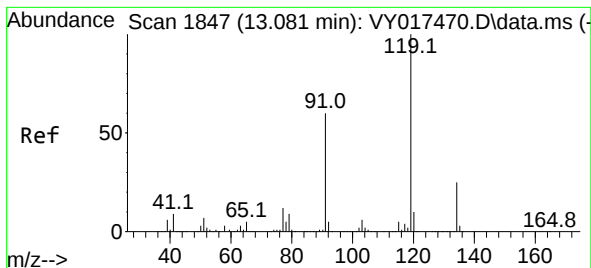
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#82
4-Chlorotoluene
Concen: 20.567 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

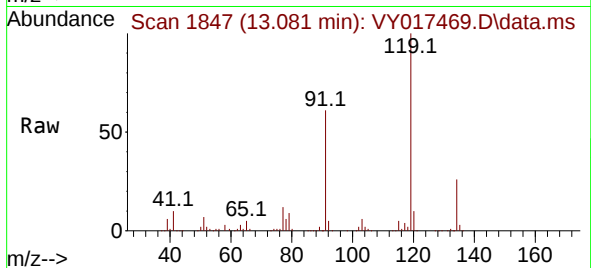
Tgt Ion: 91 Resp: 108388
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9





#83
tert-Butylbenzene
Concen: 20.077 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

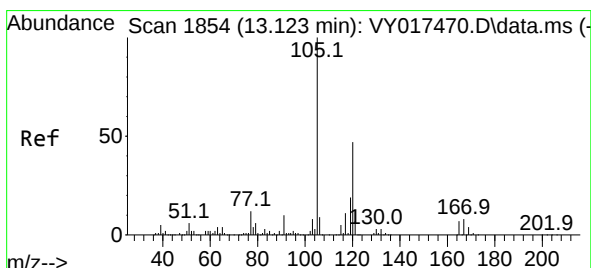
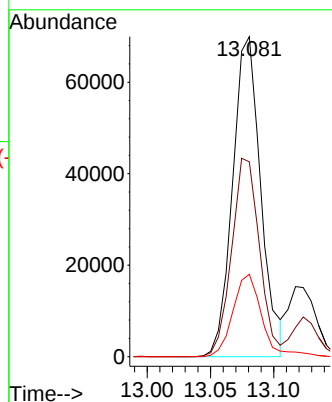
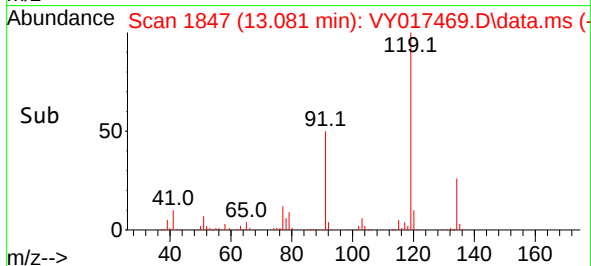
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



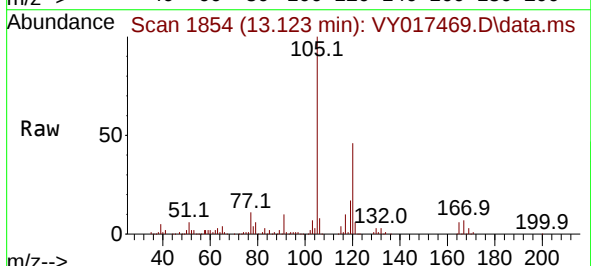
Tgt Ion:119 Resp: 108330
Ion Ratio Lower Upper
119 100
91 61.6 31.3 93.8
134 26.4 13.4 40.1

Manual Integrations
APPROVED

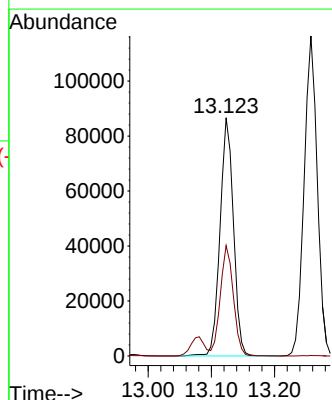
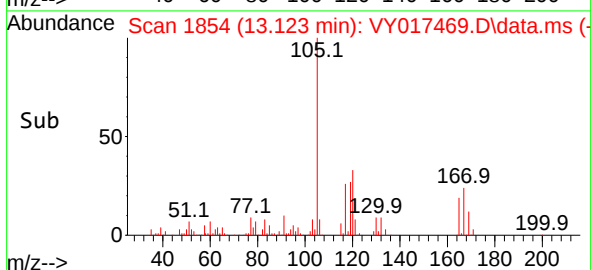
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

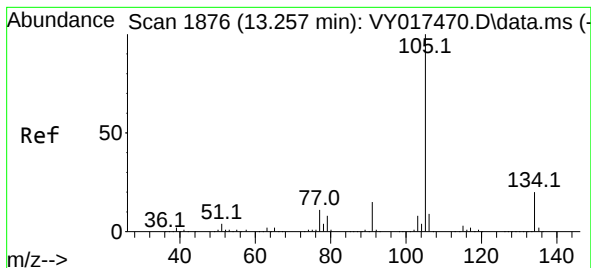


#84
1,2,4-Trimethylbenzene
Concen: 20.915 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



Tgt Ion:105 Resp: 126877
Ion Ratio Lower Upper
105 100
120 44.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.279 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 167290

Ion Ratio Lower Upper

105 100

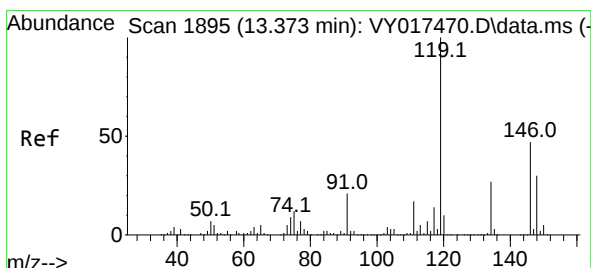
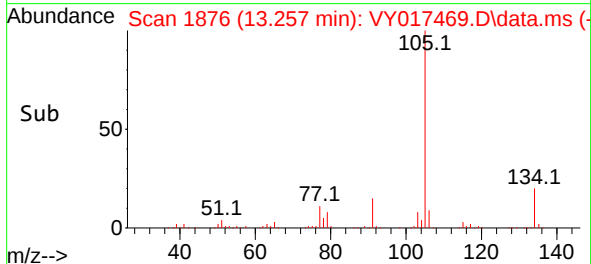
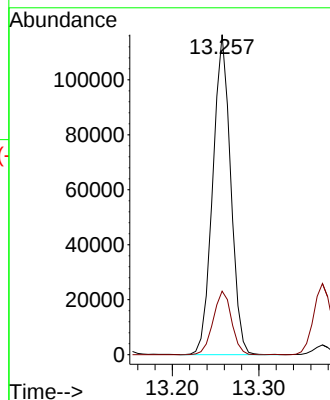
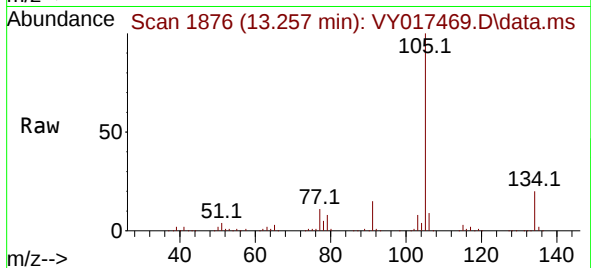
134 20.3 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#86

p-Isopropyltoluene

Concen: 19.957 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

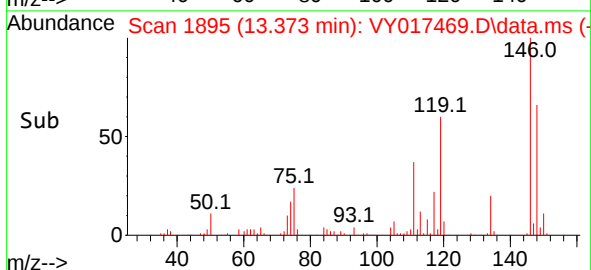
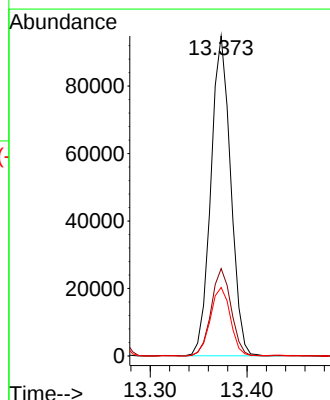
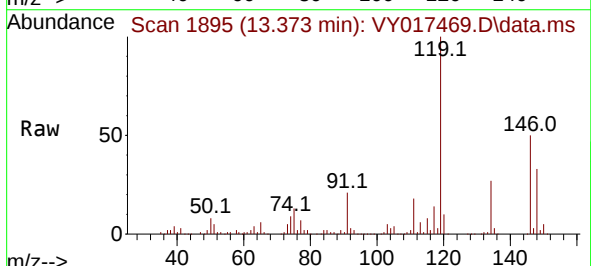
Tgt Ion:119 Resp: 134774

Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.836 ug/l

RT: 13.367 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

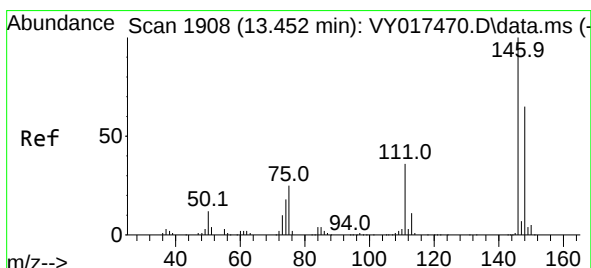
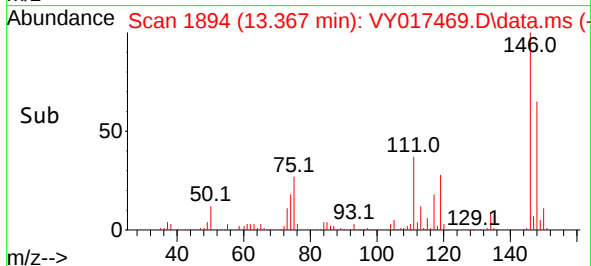
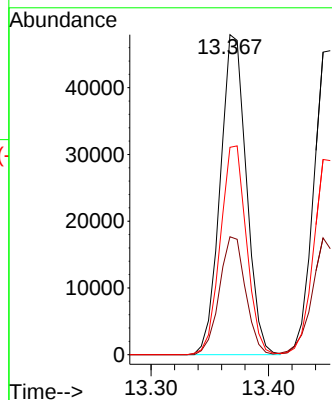
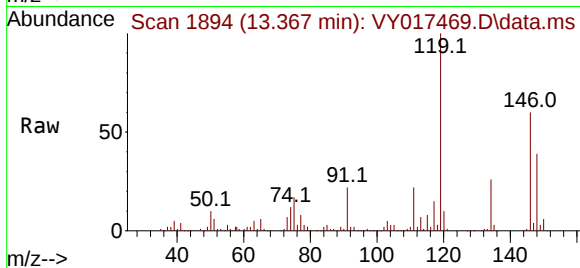
Tgt Ion:146 Resp: 7395

Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.0	57.0
148	65.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#88

1,4-Dichlorobenzene

Concen: 20.253 ug/l

RT: 13.453 min Scan# 1908

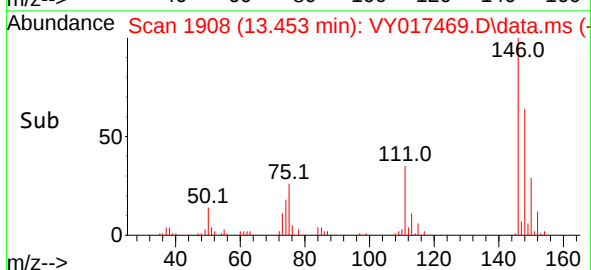
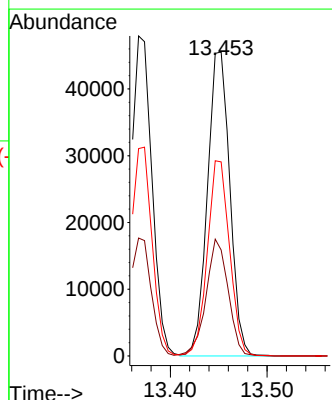
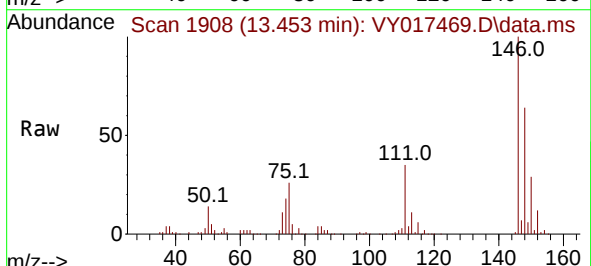
Delta R.T. 0.000 min

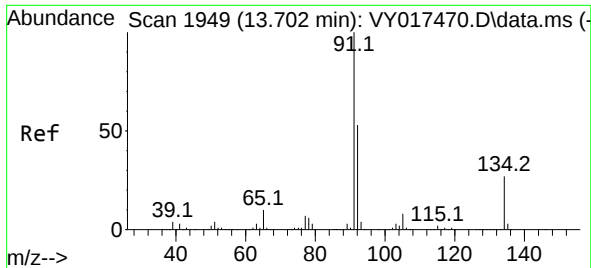
Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion:146 Resp: 73408

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.4
148	63.6	32.4	97.2





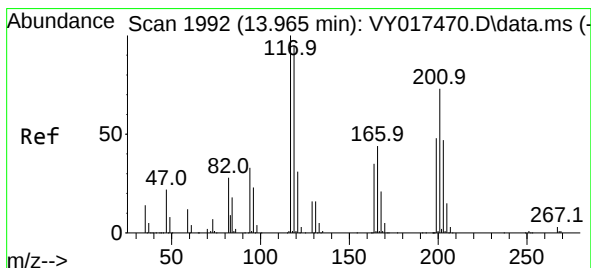
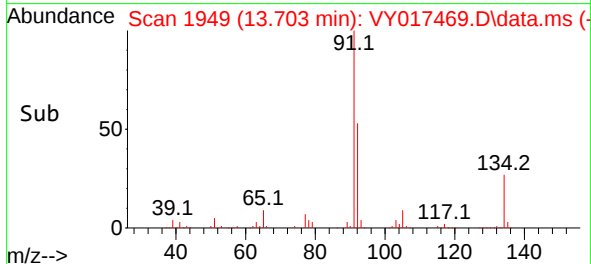
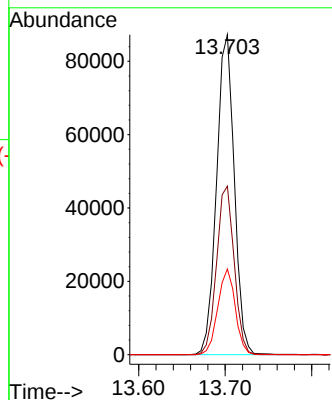
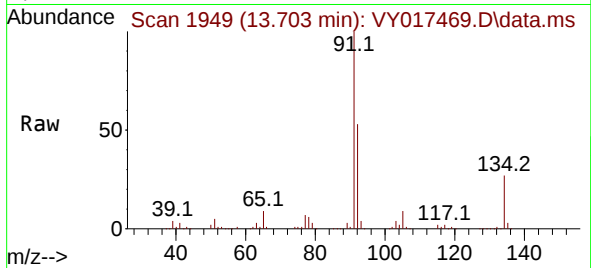
#89
n-Butylbenzene
Concen: 20.161 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 12421
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 26.2 12.9 38.7

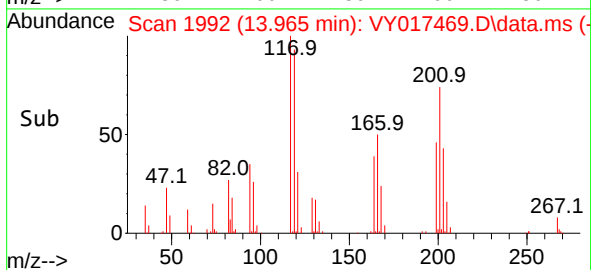
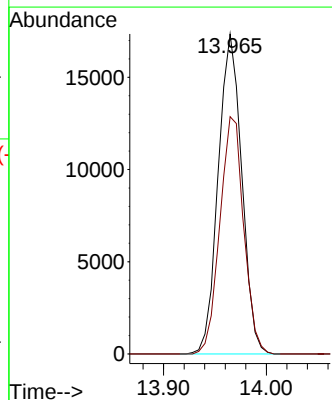
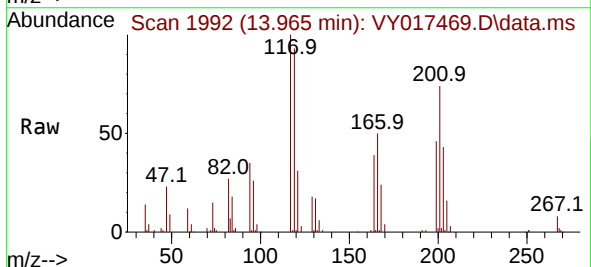
Manual Integrations
APPROVED

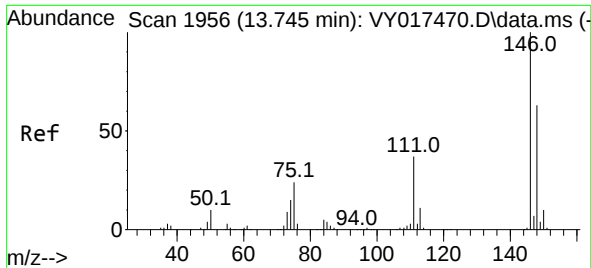
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#90
Hexachloroethane
Concen: 20.344 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

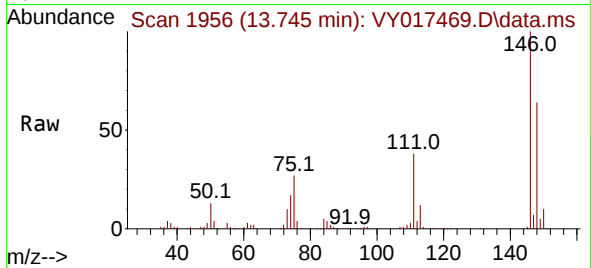
Tgt Ion:117 Resp: 27543
Ion Ratio Lower Upper
117 100
201 75.2 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 20.122 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

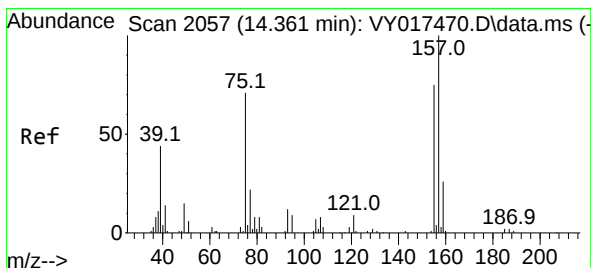
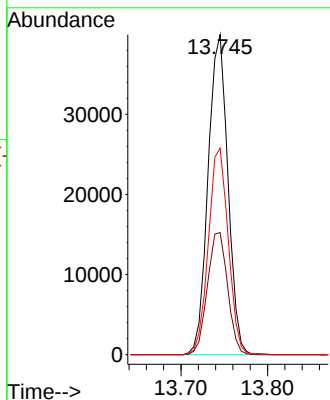
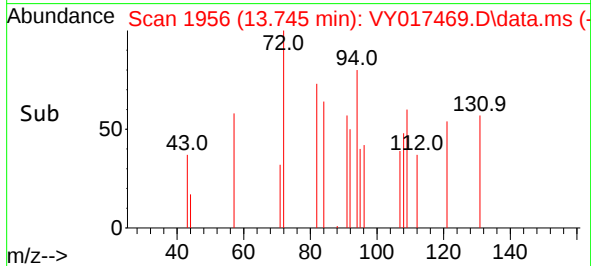
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



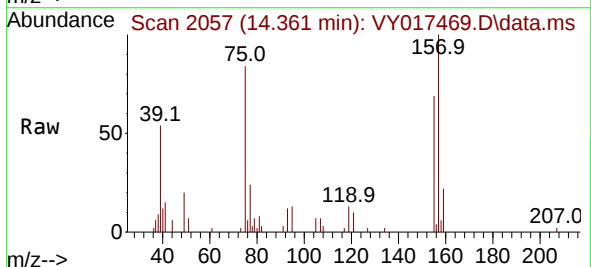
Tgt Ion:146 Resp: 6345
Ion Ratio Lower Upper
146 100
111 38.9 19.9 59.7
148 64.8 31.8 95.4

Manual Integrations
APPROVED

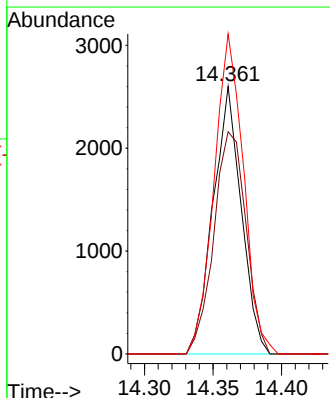
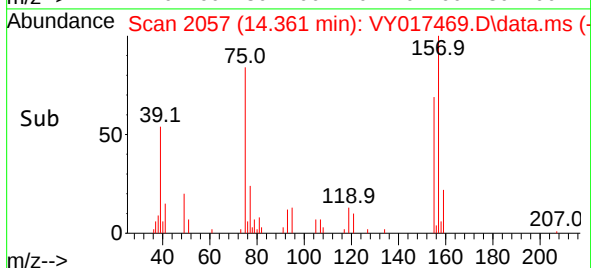
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

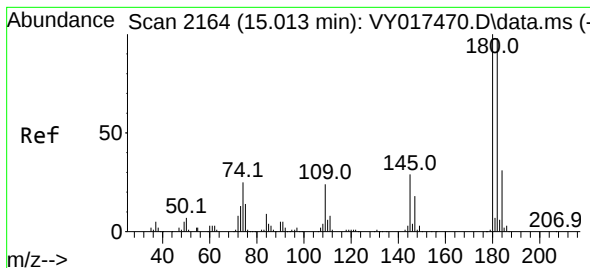


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.113 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



Tgt Ion: 75 Resp: 3724
Ion Ratio Lower Upper
75 100
155 94.9 48.6 145.8
157 124.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.169 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

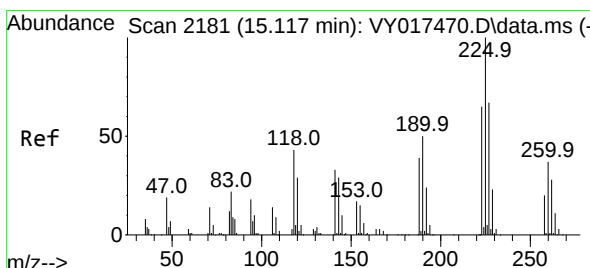
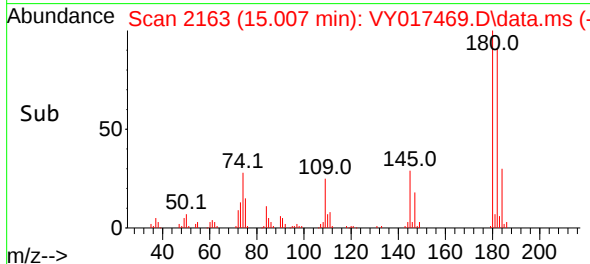
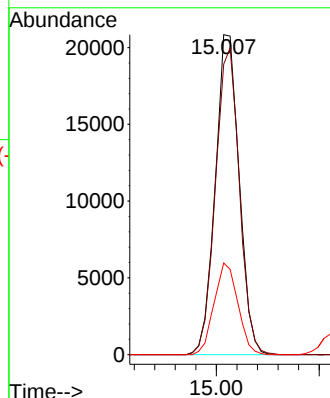
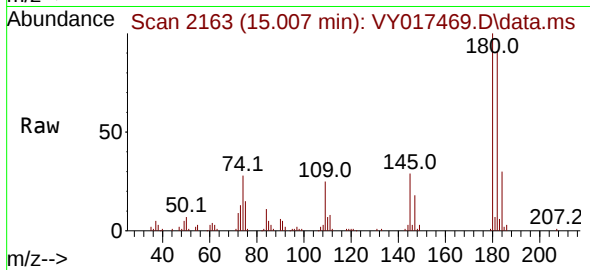
VSTDICC020

Tgt Ion:180	Resp:	33590
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.9 143.8
145	28.5	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#94

Hexachlorobutadiene

Concen: 20.739 ug/l

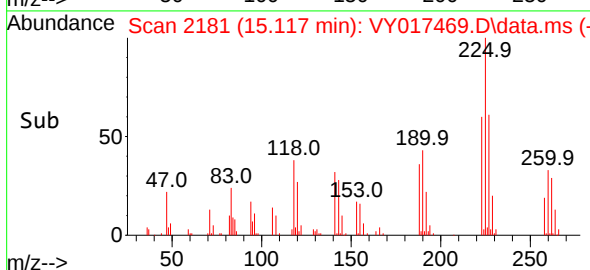
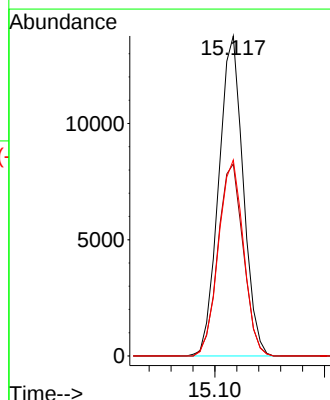
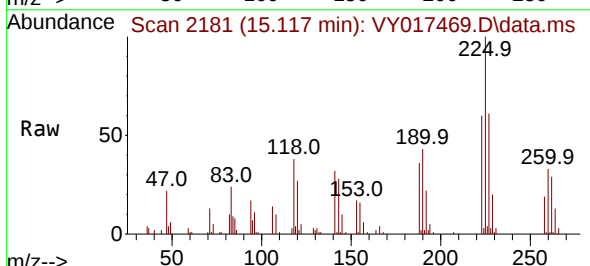
RT: 15.117 min Scan# 2181

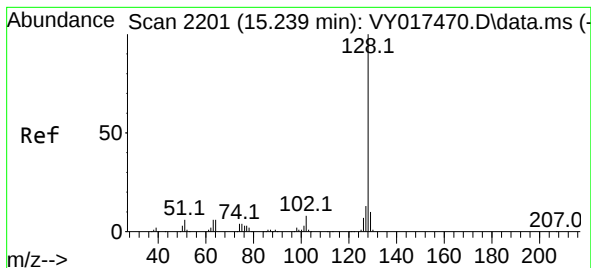
Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

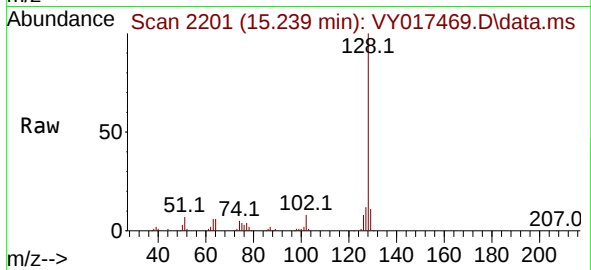
Tgt Ion:225	Resp:	21328
Ion Ratio	Lower	Upper
225	100	
223	62.1	30.4 91.2
227	62.5	31.9 95.9





#95
Naphthalene
Concen: 19.618 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

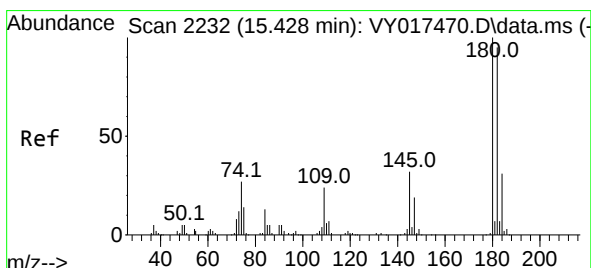
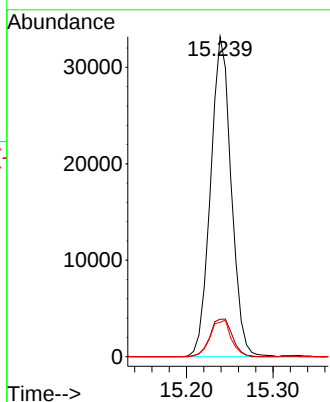
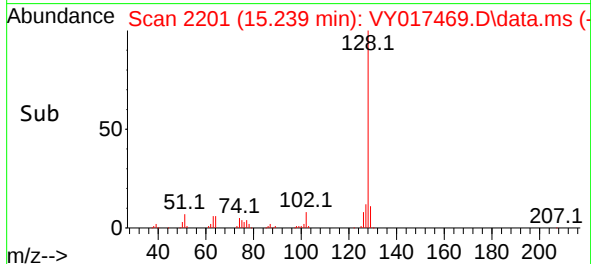
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



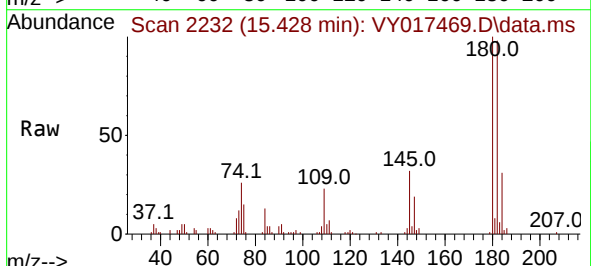
Tgt Ion:128 Resp: 54989
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.333 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10



Tgt Ion:180 Resp: 29055
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.9
145 31.2 15.4 46.1

