

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041677.D
 Acq On : 7 Nov 2024 12:13
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Nov 08 00:11:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 11/09/2024
 Supervised By : Semsettin Yesilyurt 11/09/2024

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

Internal Standards						
1) Bromochloromethane	5.189	49	1153970	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3232256	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2900644	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	2213310	10.318	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	96069	0.461	ppbv	100
3) Chlorodifluoromethane	2.671	51	81180	0.540	ppbv	99
4) Chloromethane	2.809	50	41203	0.517	ppbv #	86
5) Vinyl Chloride	2.915	62	36174	0.501	ppbv	97
6) Bromomethane	3.118	94	19426	0.511	ppbv #	79
7) Chloroethane	3.192	64	13079	0.500	ppbv	90
8) Dichlorotetrafluoroethane	2.854	85	102861	0.552	ppbv	97
9) Propene	2.690	41	32642	0.498	ppbv	96
10) Heptane	7.578	43	63040	0.429	ppbv	99
11) Trichlorofluoromethane	3.558	101	92855	0.511	ppbv	89
12) 1,1,2-Trichlorotrifluo...	4.063	101	67243	0.509	ppbv	96
13) Ethanol	3.269	45	2080m	0.510	ppbv	
14) Bromoethene	3.362	108	28054	0.528	ppbv #	88
15) Acetone	3.481	43	69299	0.488	ppbv #	85
16) 1,3-Butadiene	2.983	39	33737	0.474	ppbv	88
17) tert-Butyl alcohol	3.890	59	61100	0.490	ppbv #	93
18) 1,1-Dichloroethene	3.877	96	30772	0.531	ppbv	97
19) Isopropyl Alcohol	3.597	45	32369m	0.471	ppbv	
20) Methylene Chloride	3.928	84	29673	0.568	ppbv	97
21) Allyl Chloride	3.993	41	39722	0.453	ppbv	86
22) trans-1,2-Dichloroethene	4.439	96	27393	0.474	ppbv	96
23) Vinyl Acetate	4.629	43	28383m	0.425	ppbv	
24) 1,1-Dichloroethane	4.562	63	61980	0.482	ppbv	99
25) Ethyl Acetate	5.211	43	140929	0.479	ppbv #	98
26) Hexane	5.211	57	50843	0.450	ppbv	81
27) Carbon Disulfide	4.121	76	52791	0.416	ppbv #	86
28) Methyl tert-Butyl Ether	4.594	73	34128	0.469	ppbv	96
29) Chloroform	5.266	83	98787	0.530	ppbv	93
30) Cyclohexane	6.600	84	51970m	0.573	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	50385	0.464	ppbv	94
32) 1,1,1-Trichloroethane	5.999	97	84699	0.496	ppbv	96
34) 2-Butanone	4.796	43	78940	0.490	ppbv	99
35) Carbon Tetrachloride	6.488	117	89311m	0.523	ppbv	
36) Benzene	6.362	78	107078	0.447	ppbv	97
37) 1,2-Dichloroethane	5.803	62	64024	0.474	ppbv	97
38) Trichloroethene	7.291	130	42598	0.461	ppbv #	90
39) 1,2-Dichloropropane	7.070	63	44946	0.475	ppbv	93
40) 1,4-Dioxane	7.330	88	11696m	0.349	ppbv	
41) Tetrahydrofuran	5.574	42	37743m	0.411	ppbv	
42) Bromodichloromethane	7.246	83	86164	0.459	ppbv	97
43) Methyl Methacrylate	7.475	69	31683m	0.377	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	175510	0.433	ppbv	93
45) t-1,3-Dichloropropene	8.709	75	26475m	0.352	ppbv	

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 ALS Vial : 1 Sample Multiplier: 1

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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

Quant Time: Nov 08 00:11:14 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Nov 08 00:07:44 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	41408m	0.379	ppbv	
47) 1,1,2-Trichloroethane	8.902	97	52244m	0.512	ppbv	
48) Dibromochloromethane	9.709	129	64053	0.411	ppbv	99
49) Bromoform	12.401	173	51263m	0.386	ppbv	
50) 4-Methyl-2-Pentanone	8.198	43	98725m	0.399	ppbv	
51) 2-Hexanone	9.577	43	66460m	0.370	ppbv	
52) Tetrachloroethene	10.610	164	40017m	0.489	ppbv	
53) Toluene	9.221	91	90468	0.359	ppbv	99
54) 1,2-Dibromoethane	10.008	107	57696m	0.484	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	61817	0.512	ppbv #	1
57) Chlorobenzene	11.520	112	113601m	0.525	ppbv	
58) Ethyl Benzene	12.089	91	125893m	0.392	ppbv	
59) m/p-Xylene	12.372	91	241360m	0.840	ppbv	
60) o-Xylene	13.060	91	111856	0.408	ppbv	99
61) Styrene	12.899	104	36189m	0.320	ppbv	
62) Isopropylbenzene	14.031	105	187478	0.443	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	100534	0.503	ppbv	96
64) n-propylbenzene	14.921	120	47206m	0.426	ppbv	
65) tert-Butylbenzene	16.092	119	162846	0.428	ppbv	95
66) Benzyl Chloride	16.330	91	12069m	0.440	ppbv	
67) sec-Butylbenzene	16.638	105	230007	0.429	ppbv	100
69) p-Isopropyltoluene	16.995	119	169014	0.389	ppbv	95
70) n-Butylbenzene	17.892	91	178790m	0.402	ppbv	
71) 2-Chlorotoluene	14.802	91	122982	0.401	ppbv	100
72) 4-Ethyltoluene	15.191	105	125281m	0.393	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	115096m	0.412	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	142178	0.437	ppbv #	87
75) 1,3-Dichlorobenzene	16.333	146	93240m	0.464	ppbv	
76) 1,4-Dichlorobenzene	16.478	146	93341m	0.473	ppbv	
77) 1,2-Dichlorobenzene	17.146	146	93228	0.468	ppbv	94
78) Hexachloro-1,3-Butadiene	22.638	225	89942m	0.570	ppbv	
79) Naphthalene	21.397	128	76368m	0.382	ppbv	
80) Naphthalene,2-methyl-	24.410	142	17526m	0.473	ppbv	
81) 1,2,4-Trichlorobenzene	21.149	180	52746m	0.424	ppbv	

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

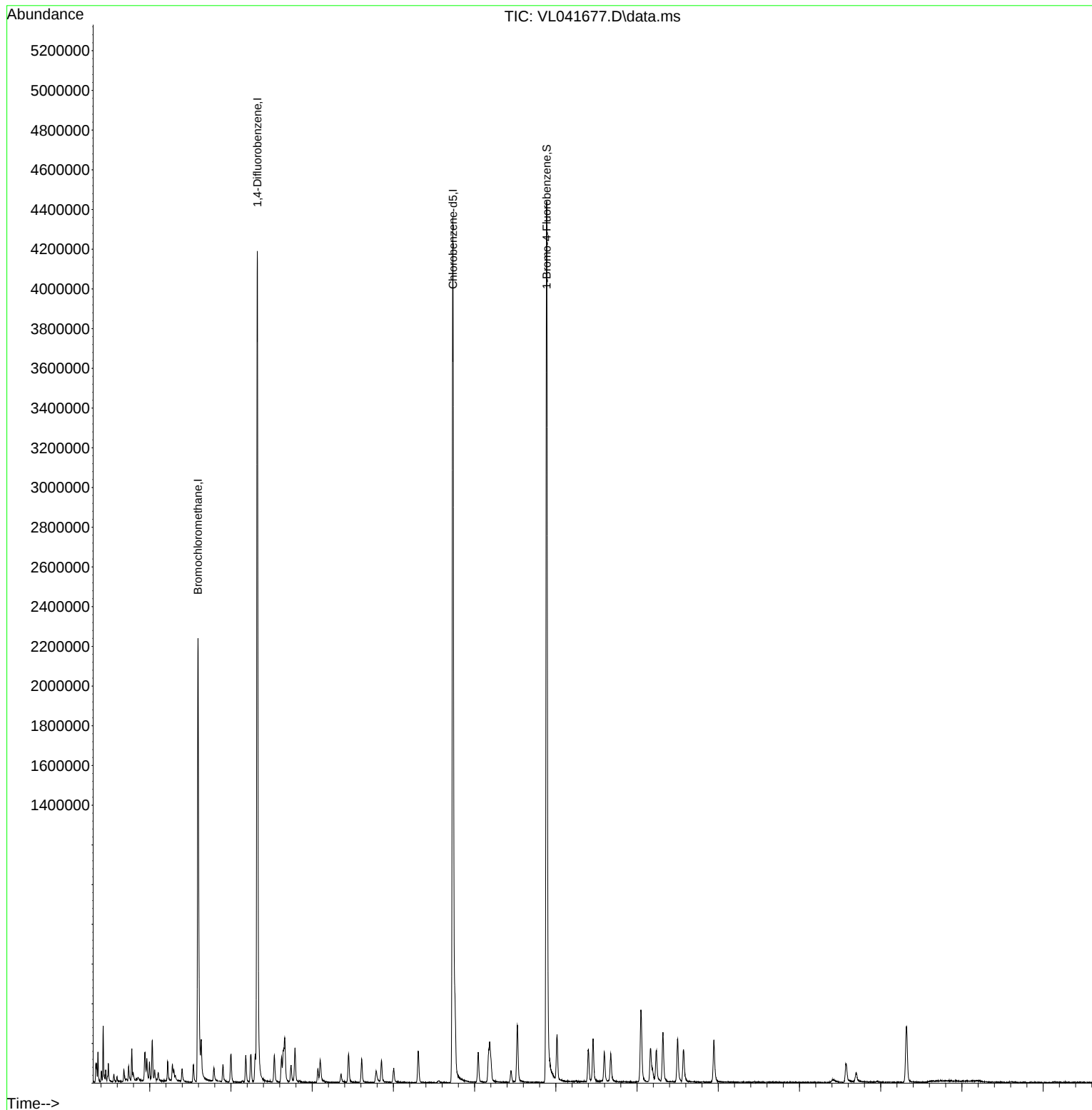
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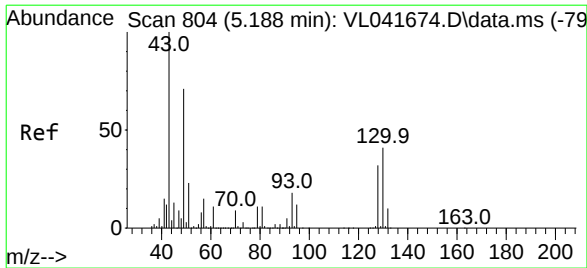
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
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Supervised By :Semsettin Yesilyurt 11/09/2024

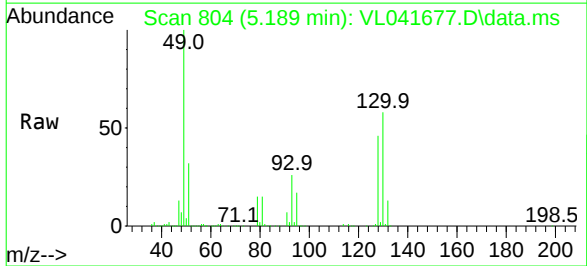
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.001 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

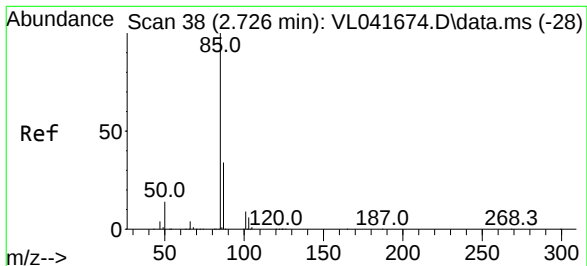
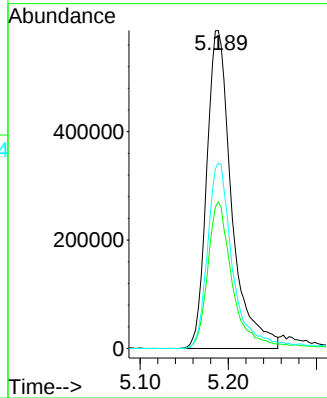
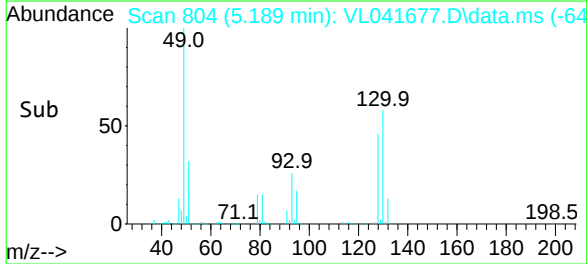
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 1153976
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.2
130 59.9 30.1 90.5

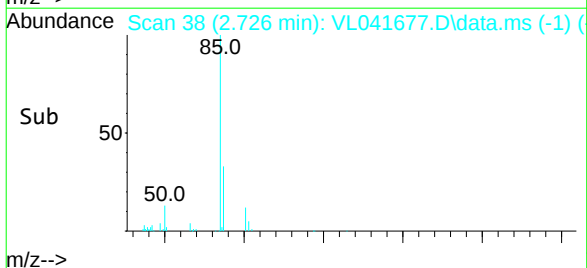
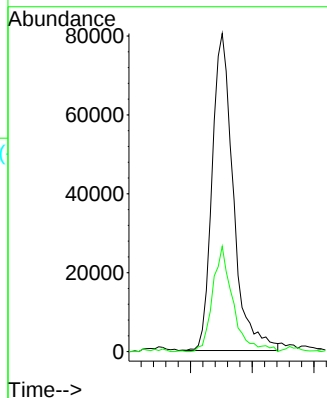
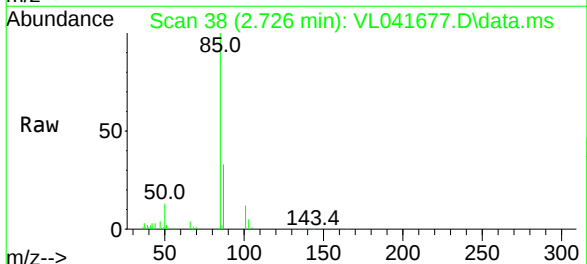
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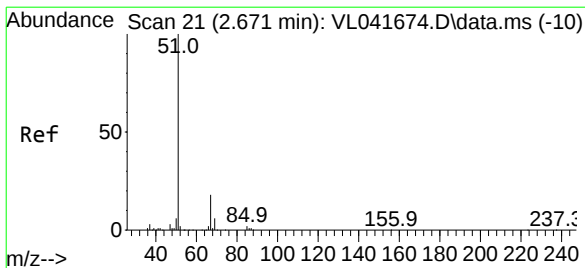
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#2
Dichlorodifluoromethane
Concen: 0.461 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

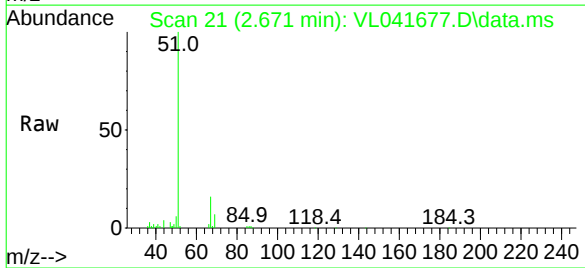
Tgt Ion: 85 Resp: 96069
Ion Ratio Lower Upper
85 100
87 33.2 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.540 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

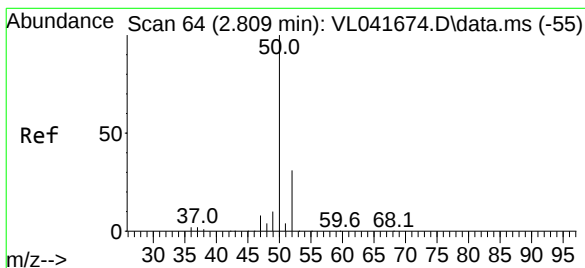
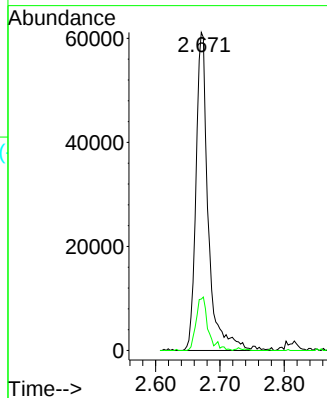
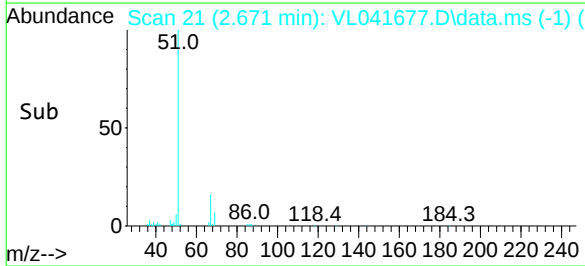
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 51 Resp: 81180
Ion Ratio Lower Upper
51 100
67 16.8 13.9 20.9

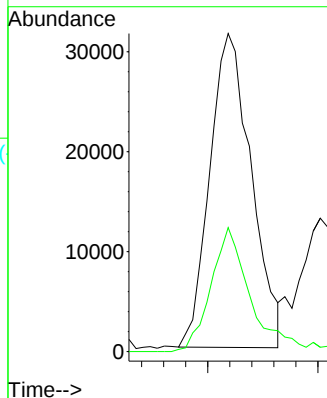
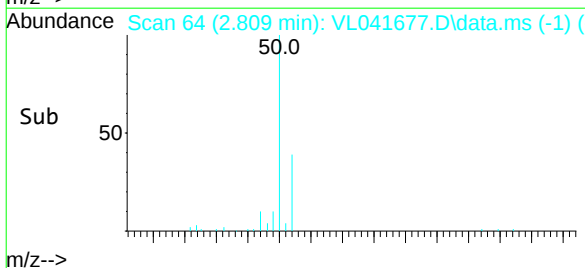
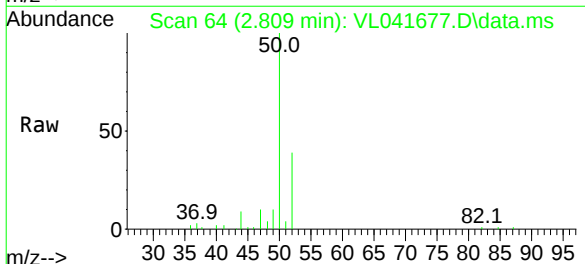
Manual Integrations
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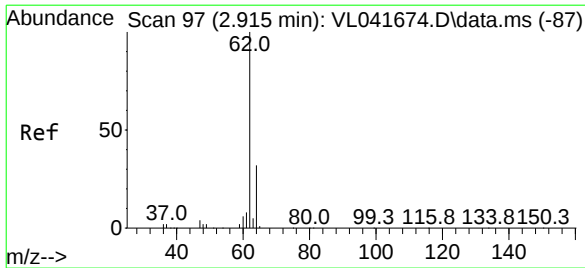
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#4
Chloromethane
Concen: 0.517 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

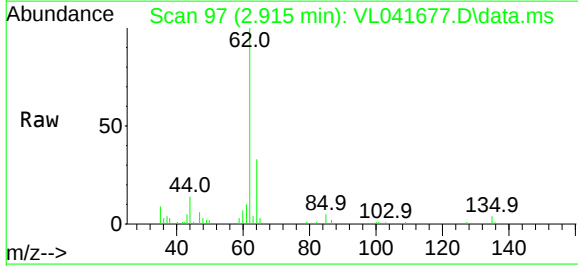
Tgt Ion: 50 Resp: 41203
Ion Ratio Lower Upper
50 100
52 38.9 24.9 37.3





#5
 Vinyl Chloride
 Concen: 0.501 ppbv
 RT: 2.915 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

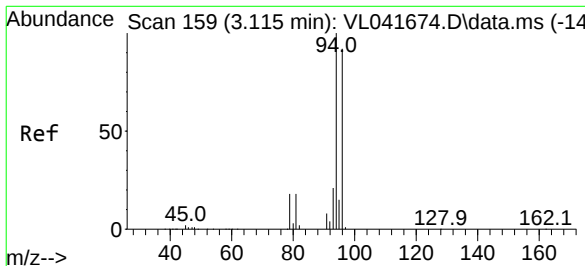
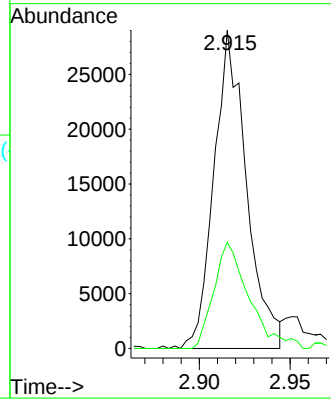
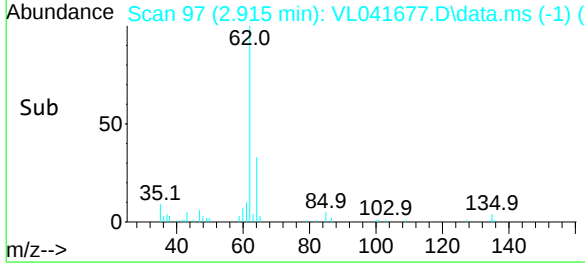
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



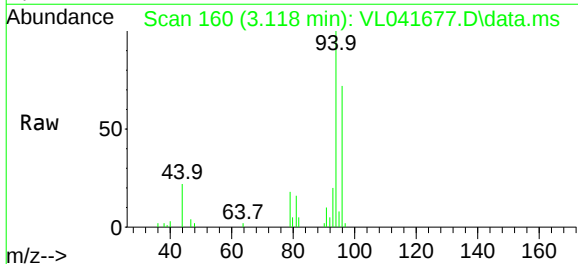
Tgt Ion: 62 Resp: 36174
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.4 38.2

Manual Integrations
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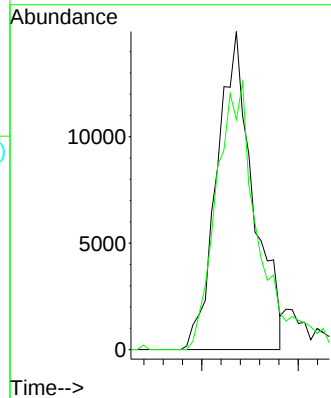
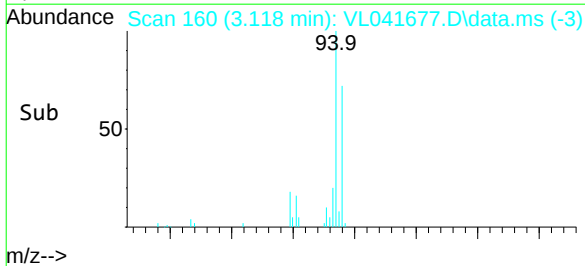
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

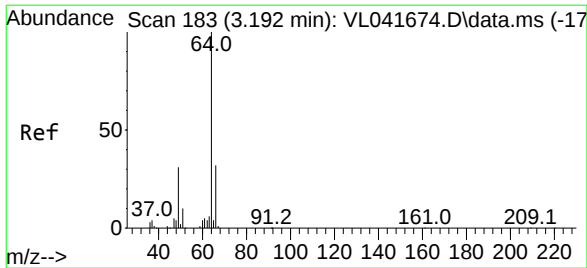


#6
 Bromomethane
 Concen: 0.511 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13



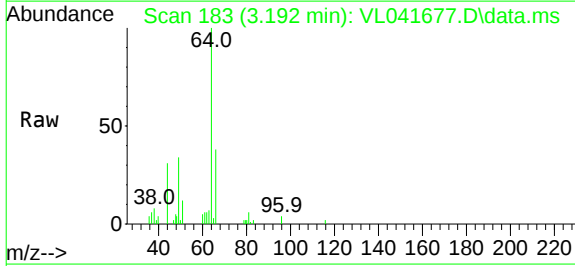
Tgt Ion: 94 Resp: 19426
 Ion Ratio Lower Upper
 94 100
 96 72.2 73.4 110.2#





#7
Chloroethane
Concen: 0.500 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

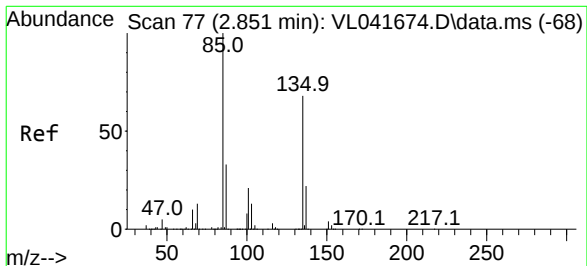
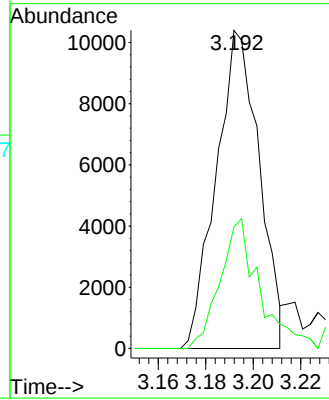
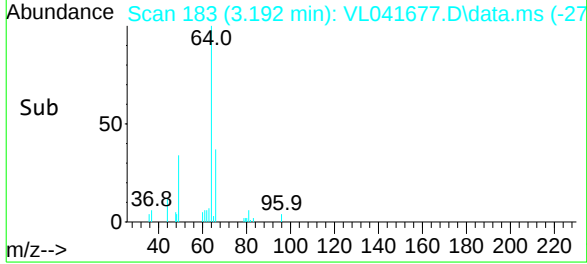
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 64 Resp: 13079
Ion Ratio Lower Upper
64 100
66 38.3 25.9 38.9

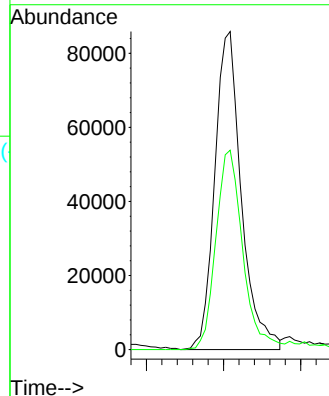
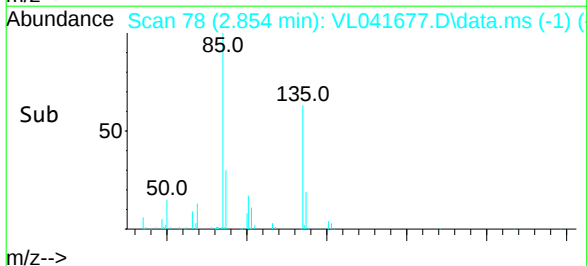
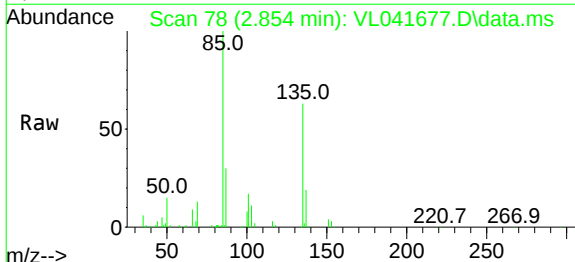
Manual Integrations
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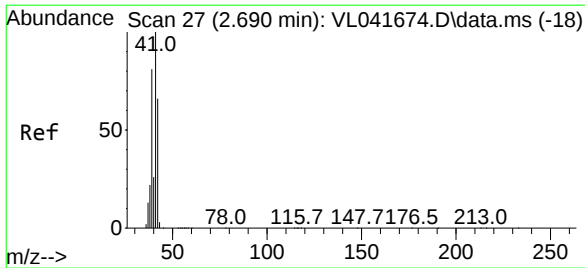
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#8
Dichlorotetrafluoroethane
Concen: 0.552 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

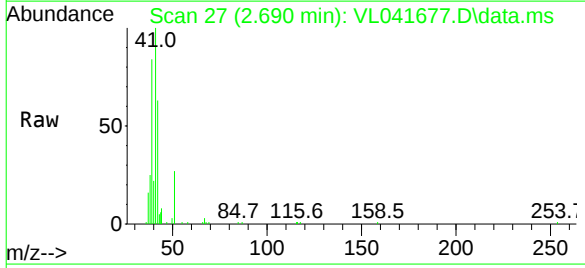
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Ion Ratio Lower Upper
85 100
135 67.0 55.5 83.3





#9
Propene
Concen: 0.498 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

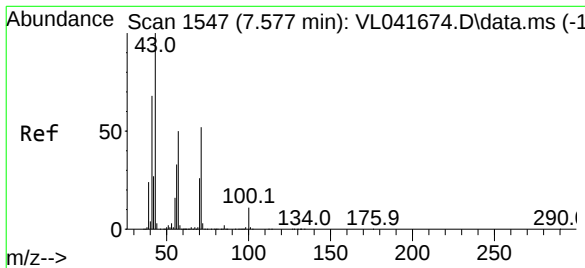
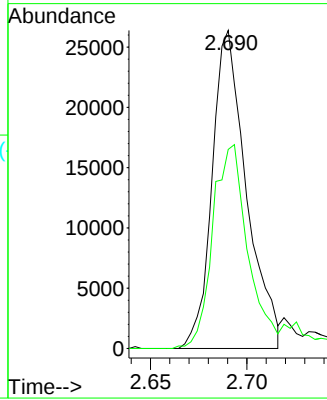
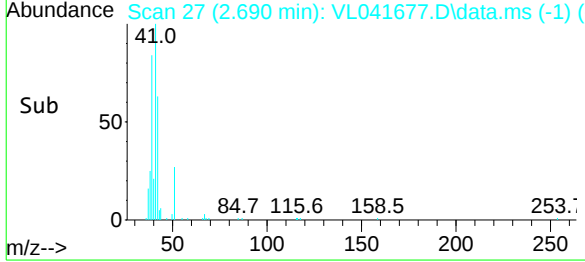
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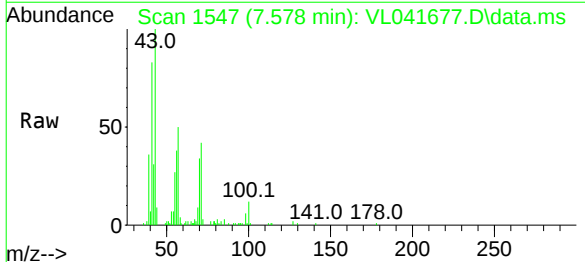
Tgt Ion: 41 Resp: 32642
Ion Ratio Lower Upper
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Manual Integrations
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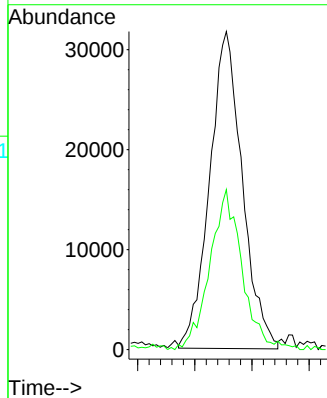
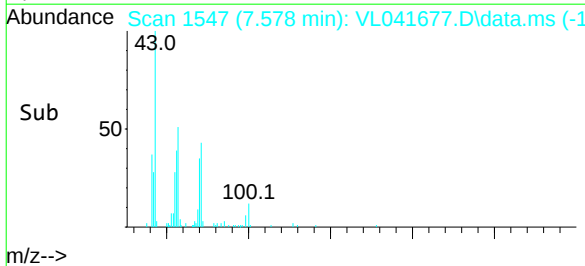
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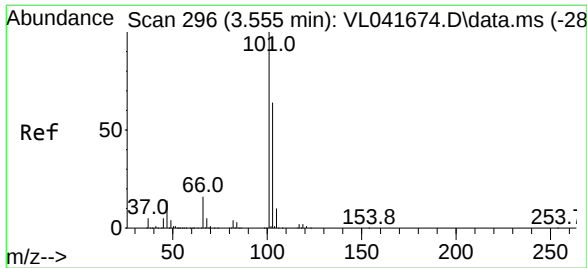


#10
Heptane
Concen: 0.429 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13



Tgt Ion: 43 Resp: 63040
Ion Ratio Lower Upper
43 100
57 50.4 40.0 60.0





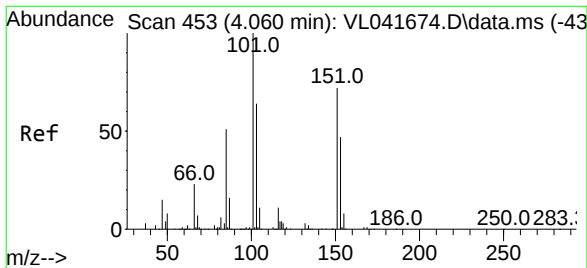
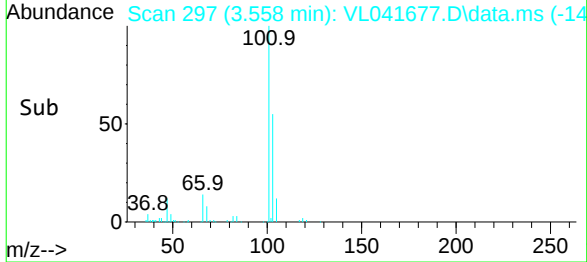
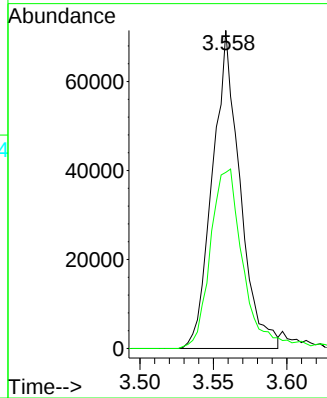
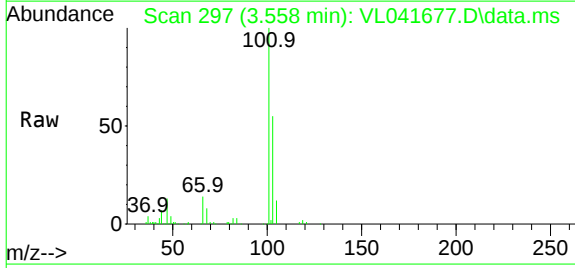
#11
Trichlorofluoromethane
Concen: 0.511 ppbv
RT: 3.558 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 92855
Ion Ratio Lower Upper
101 100
103 55.4 51.0 76.6

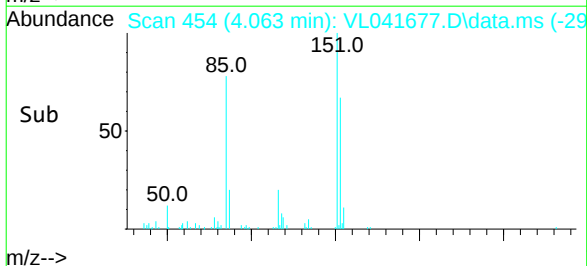
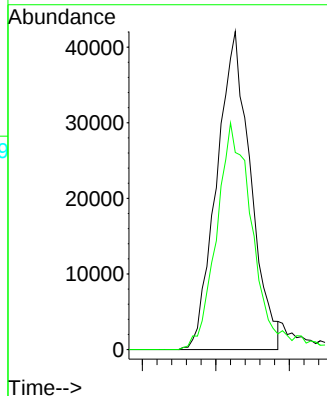
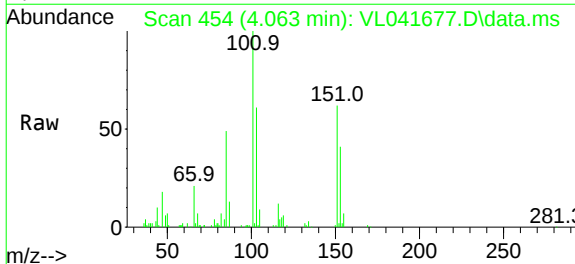
Manual Integrations
APPROVED

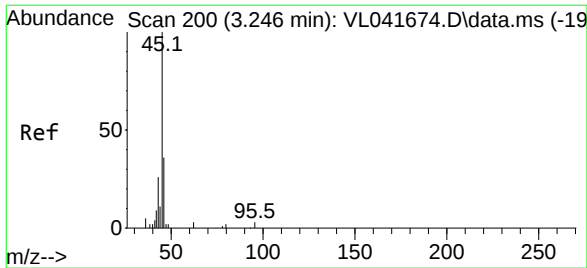
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.509 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

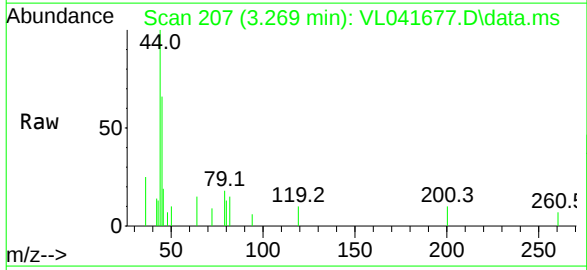
Tgt Ion:101 Resp: 67243
Ion Ratio Lower Upper
101 100
151 77.5 59.1 88.7





#13
Ethanol
Concen: 0.510 ppbv m
RT: 3.269 min Scan# 20
Delta R.T. 0.023 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

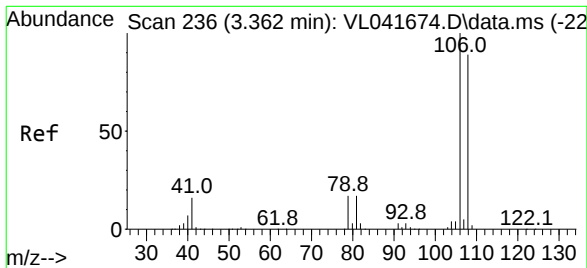
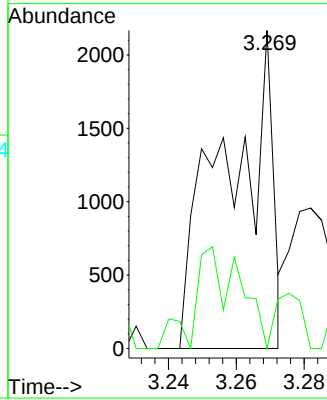
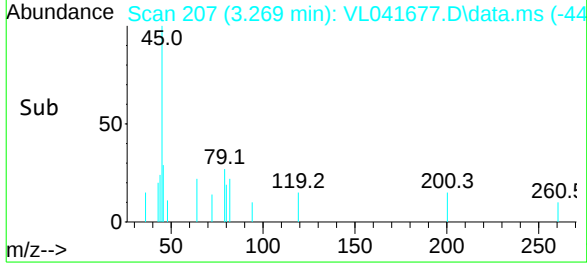
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



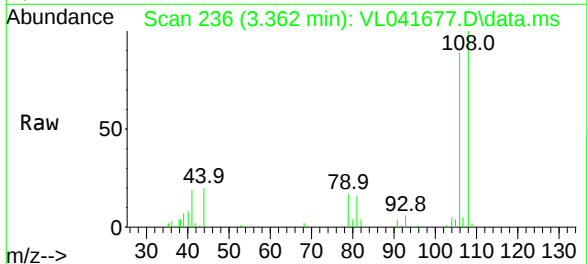
Tgt Ion: 45 Resp: 2080
Ion Ratio Lower Upper
45 100
46 50.9 13.8 55.2

Manual Integrations
APPROVED

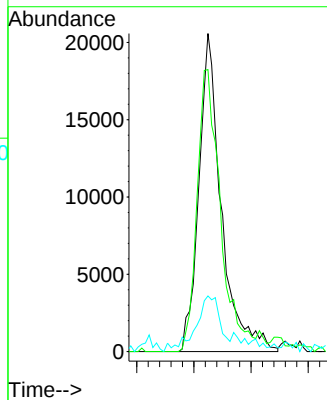
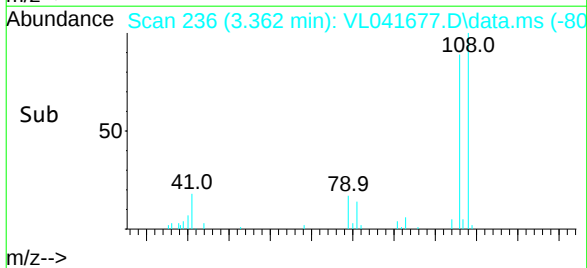
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

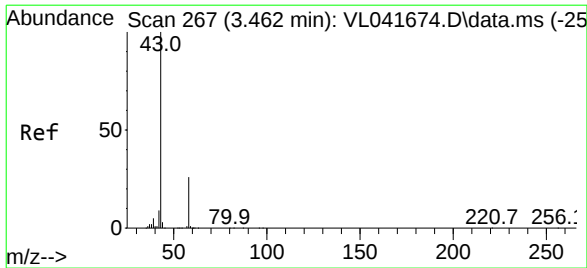


#14
Bromoethene
Concen: 0.528 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13



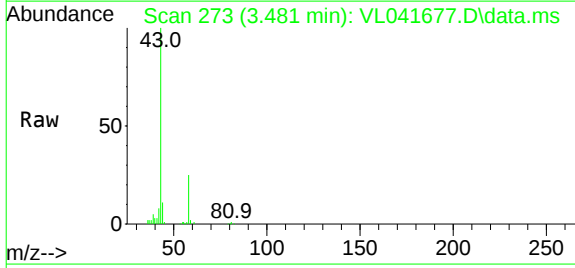
Tgt Ion:108 Resp: 28054
Ion Ratio Lower Upper
108 100
106 98.7 88.6 133.0
79 24.9 15.6 23.4#





#15
Acetone
Concen: 0.488 ppbv
RT: 3.481 min Scan# 27
Delta R.T. 0.019 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

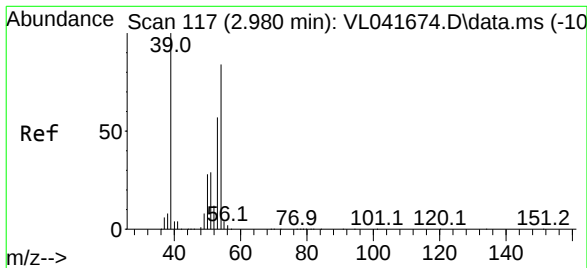
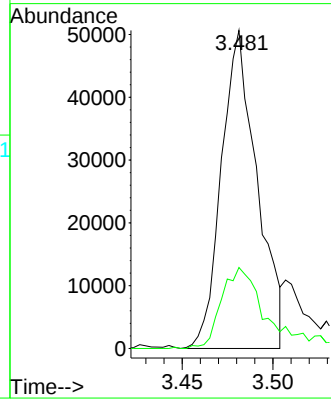
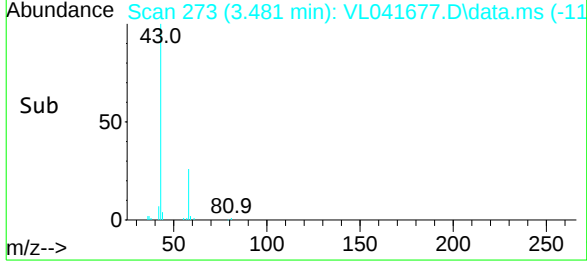
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43 Resp: 69299
Ion Ratio Lower Upper
43 100
58 34.4 21.4 32.0

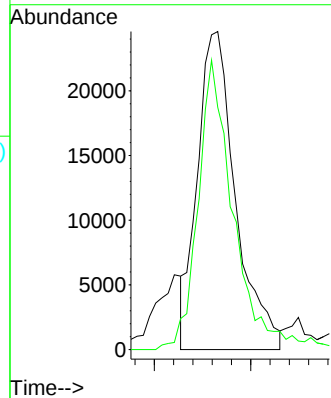
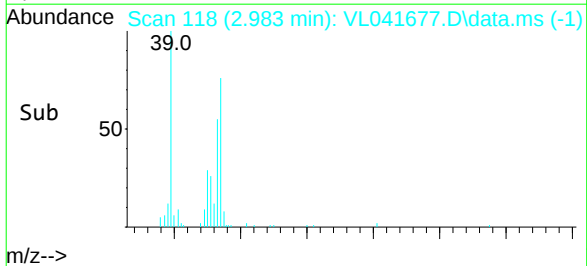
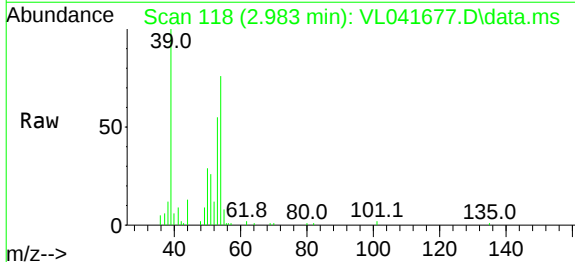
Manual Integrations
APPROVED

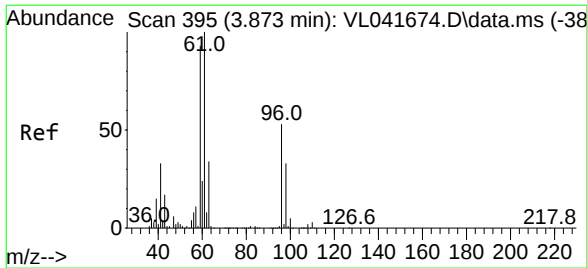
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#16
1,3-Butadiene
Concen: 0.474 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

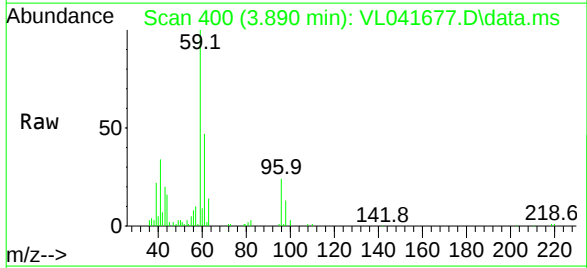
Tgt Ion: 39 Resp: 33737
Ion Ratio Lower Upper
39 100
54 86.9 61.3 91.9





#17
tert-Butyl alcohol
Concen: 0.490 ppbv
RT: 3.890 min Scan# 40
Delta R.T. 0.016 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

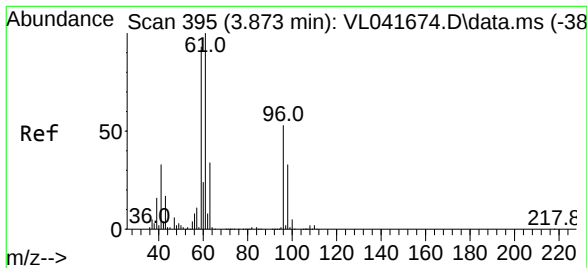
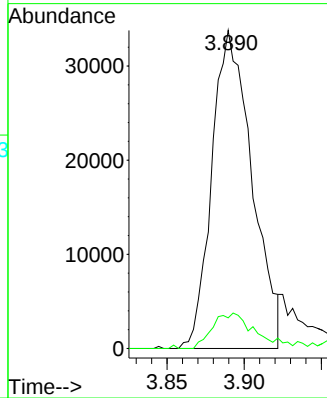
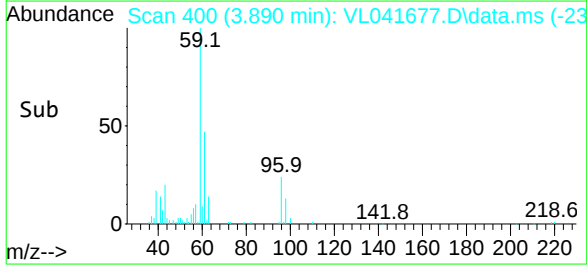
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



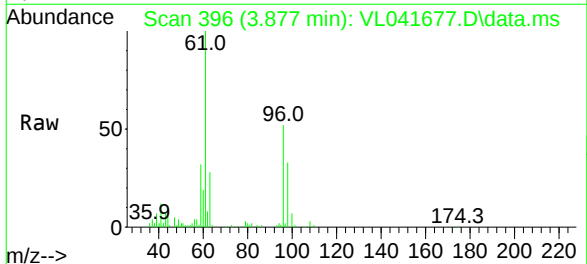
Tgt Ion: 59 Resp: 61100
Ion Ratio Lower Upper
59 100
57 13.4 8.5 12.7#

Manual Integrations
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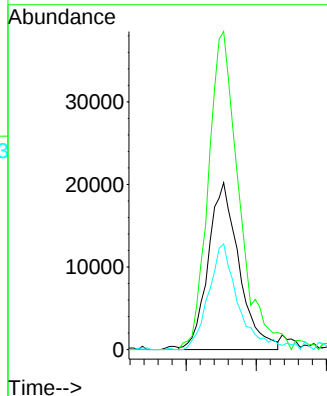
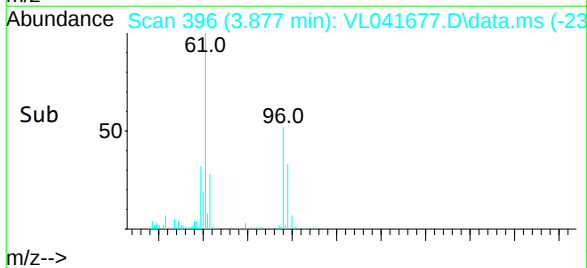
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

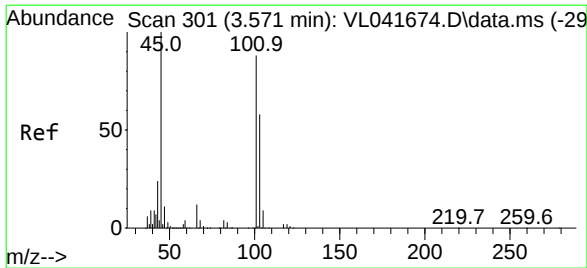


#18
1,1-Dichloroethene
Concen: 0.531 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13



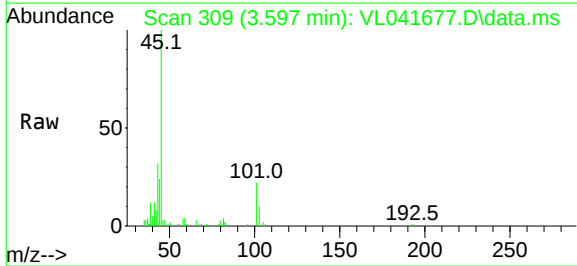
Tgt Ion: 96 Resp: 30772
Ion Ratio Lower Upper
96 100
61 192.9 150.7 226.1
98 64.1 49.4 74.2





#19
Isopropyl Alcohol
Concen: 0.471 ppbv m
RT: 3.597 min Scan# 301
Delta R.T. 0.026 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

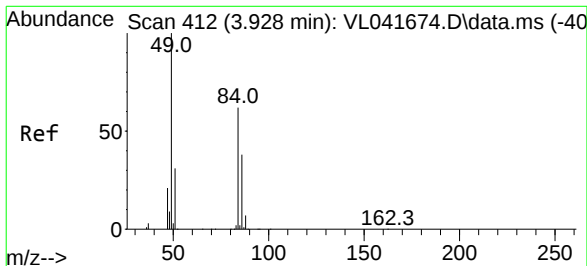
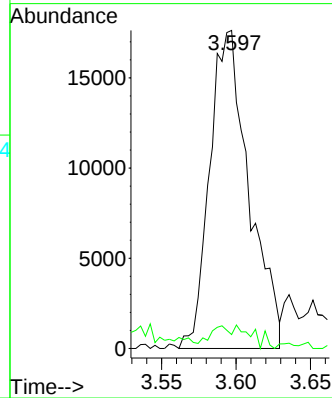
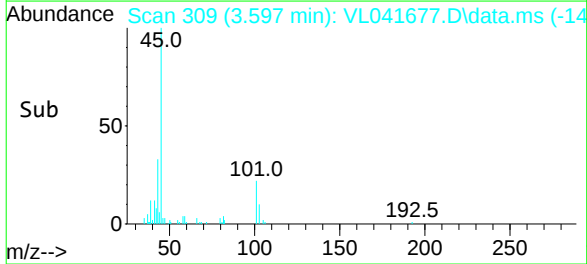
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



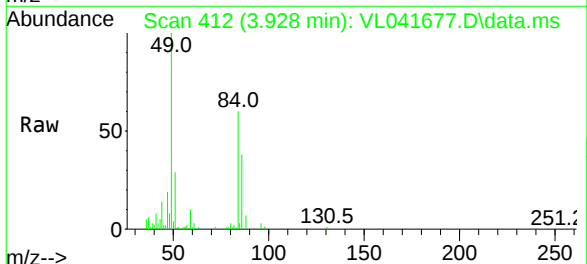
Tgt Ion: 45 Resp: 32369
Ion Ratio Lower Upper
45 100
58 9.0 2.5 3.7#

Manual Integrations
APPROVED

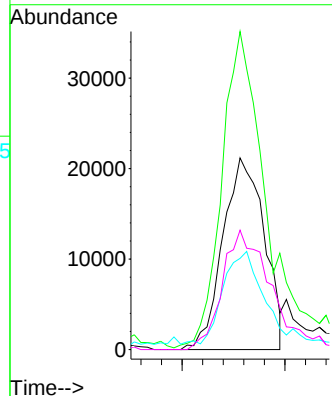
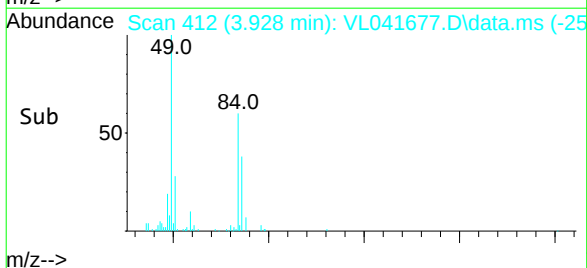
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

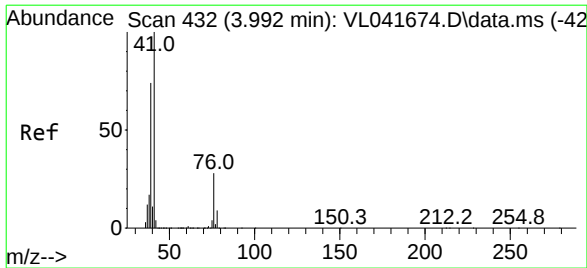


#20
Methylene Chloride
Concen: 0.568 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13



Tgt Ion: 84 Resp: 29673
Ion Ratio Lower Upper
84 100
49 163.5 129.7 194.5
51 42.1 39.8 59.6
86 62.3 49.1 73.7





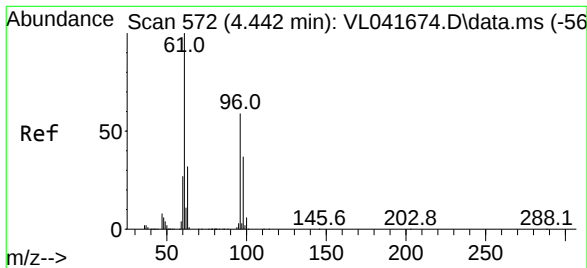
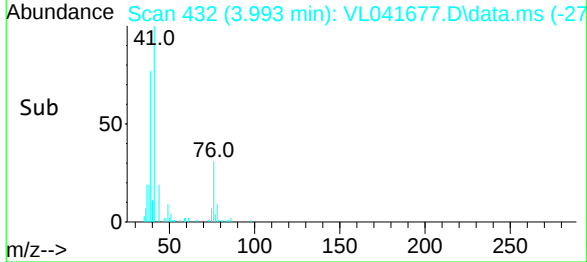
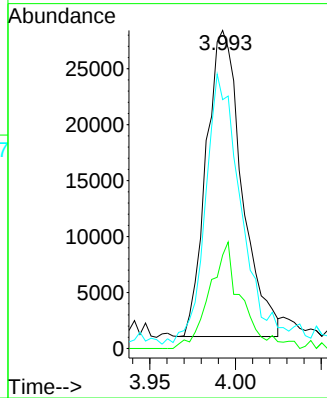
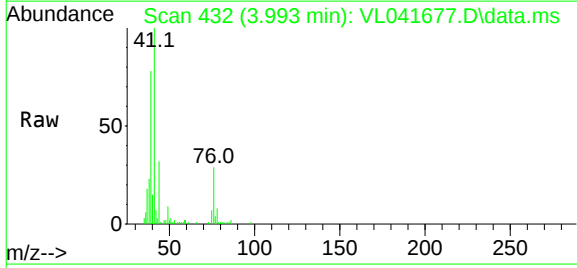
#21
 Allyl Chloride
 Concen: 0.453 ppbv
 RT: 3.993 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	41	Resp:	39722
Ion	Ratio	Lower	Upper
41	100		
76	32.6	23.5	35.3
39	93.7	63.0	94.4

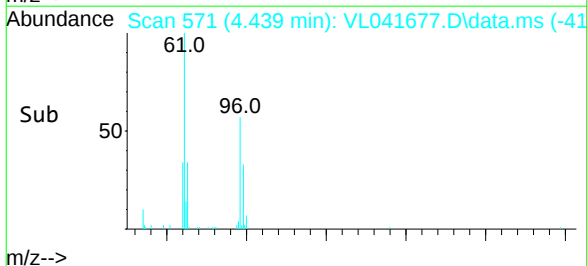
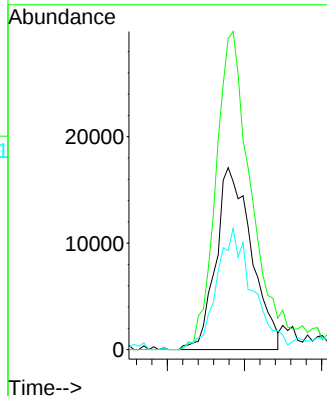
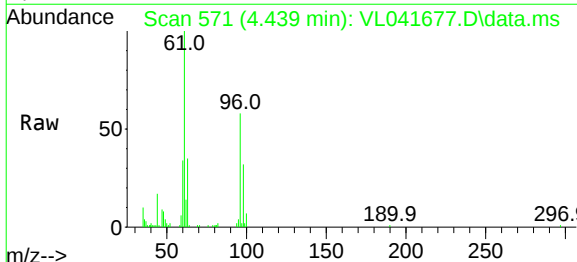
Manual Integrations
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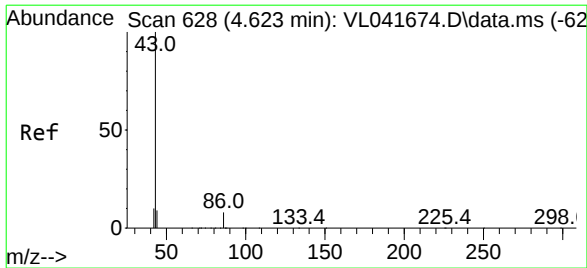
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.474 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.003 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Tgt Ion:	96	Resp:	27393
Ion	Ratio	Lower	Upper
96	100		
61	171.0	134.5	201.7
98	54.4	49.6	74.4





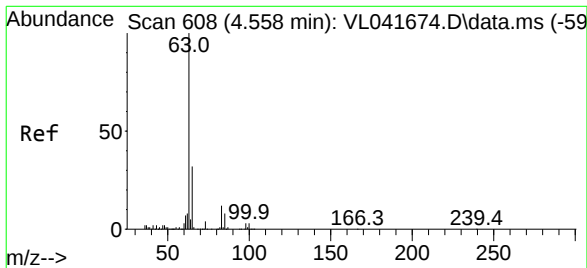
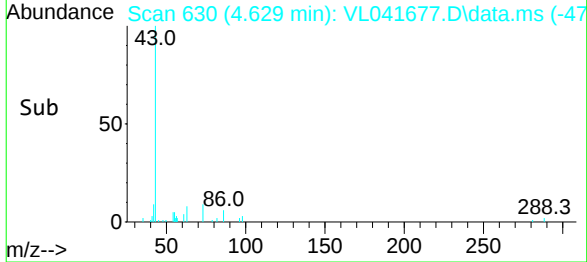
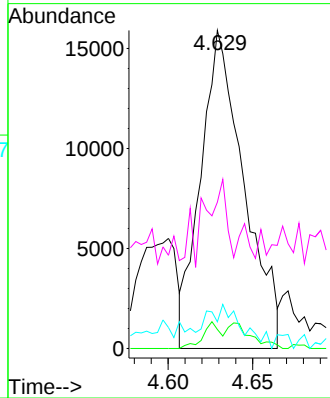
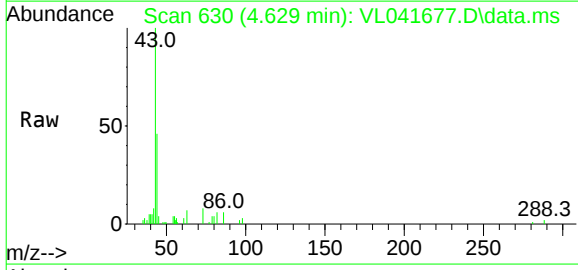
#23
Vinyl Acetate
Concen: 0.425 ppbv m
RT: 4.629 min Scan# 63
Delta R.T. 0.007 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43	Resp: 28383
Ion Ratio	Lower Upper
43 100	
86 6.0	5.3 7.9
42 8.4	8.5 12.7#
44 46.0	6.7 10.1#

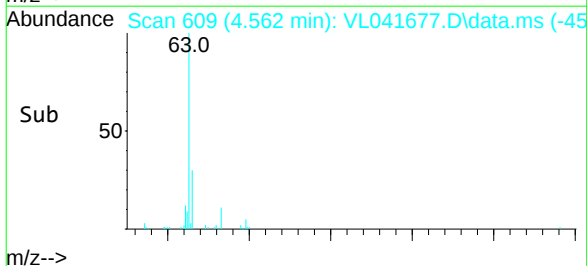
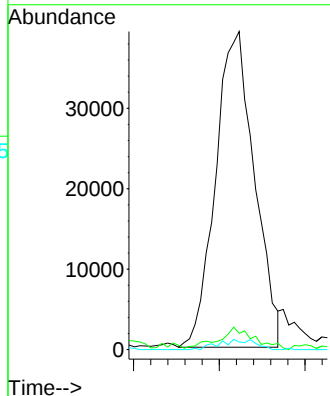
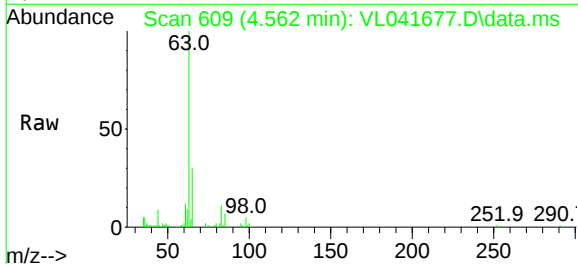
Manual Integrations
APPROVED

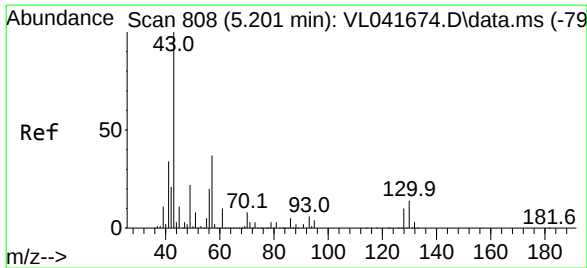
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#24
1,1-Dichloroethane
Concen: 0.482 ppbv
RT: 4.562 min Scan# 609
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

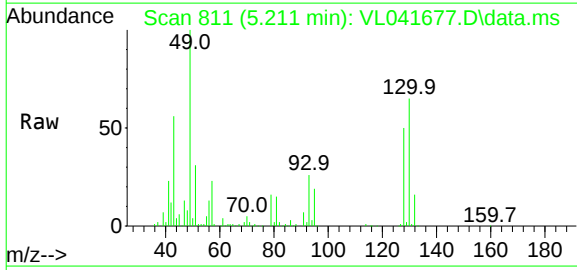
Tgt Ion: 63	Resp: 61980
Ion Ratio	Lower Upper
63 100	
98 3.8	1.8 5.4
100 2.4	1.4 4.2





#25
Ethyl Acetate
Concen: 0.479 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

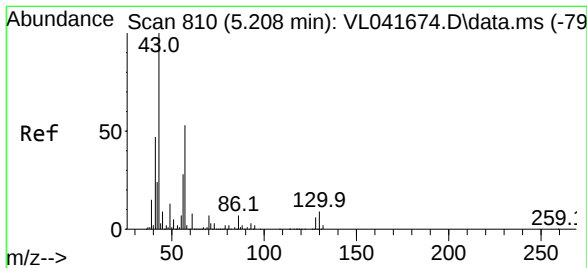
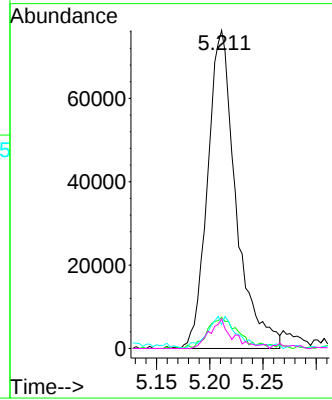
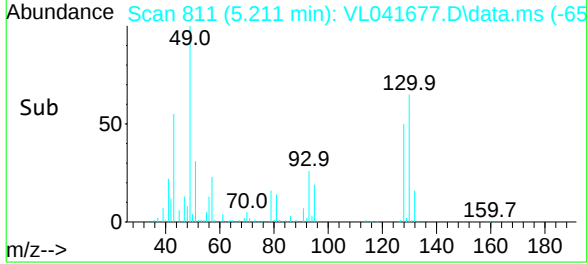
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 140929
Ion Ratio Lower Upper
43 100
45 11.0 8.6 13.0
61 11.3 8.4 12.6
70 8.8 5.8 8.6#

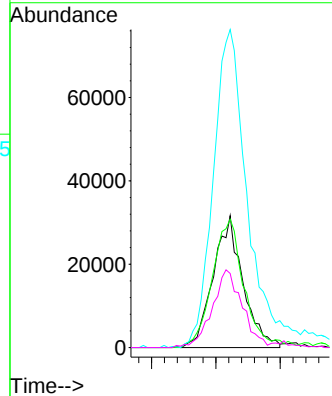
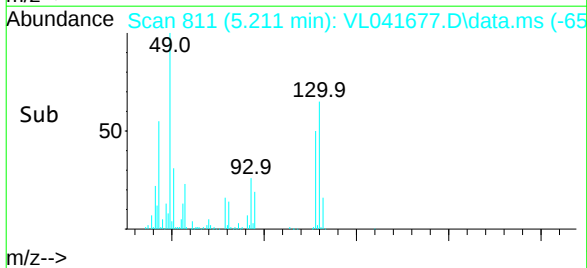
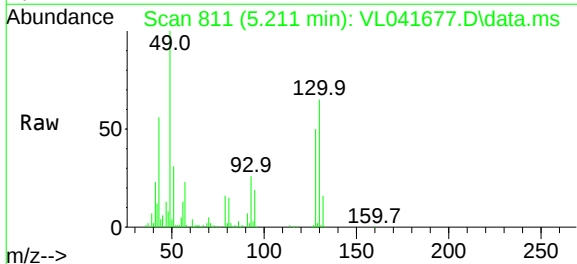
Manual Integrations
APPROVED

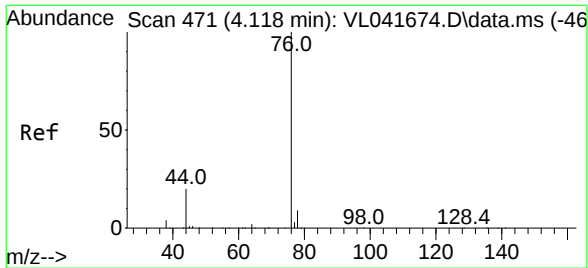
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#26
Hexane
Concen: 0.450 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 57 Resp: 50843
Ion Ratio Lower Upper
57 100
41 107.1 76.1 114.1
43 299.6 207.0 310.6
56 62.3 43.7 65.5





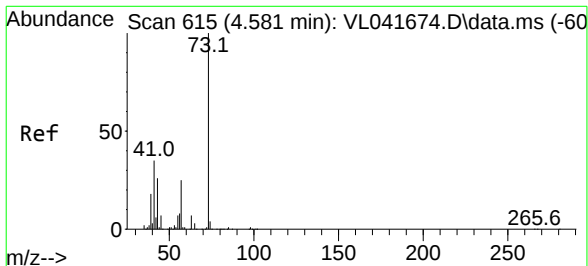
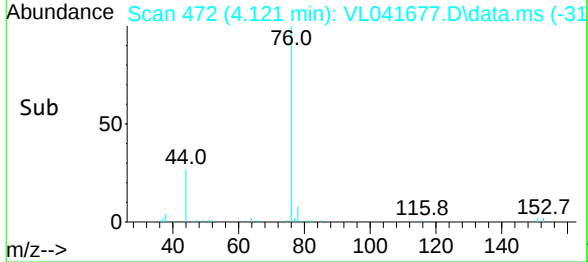
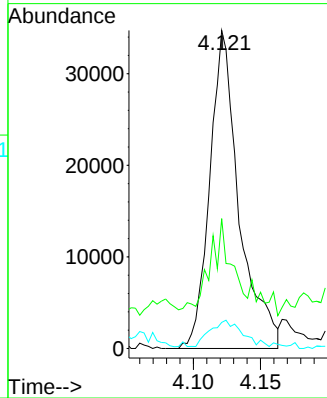
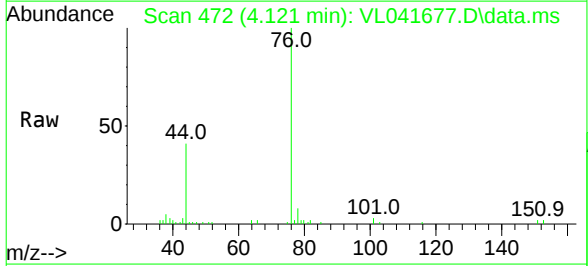
#27
Carbon Disulfide
Concen: 0.416 ppbv
RT: 4.121 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:	76	Resp:	52791
Ion	Ratio	Lower	Upper
76	100		
44	27.8	15.8	23.8
78	11.9	7.5	11.3

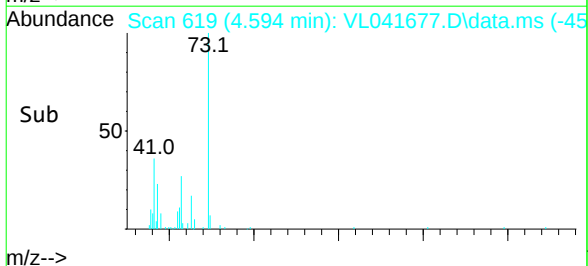
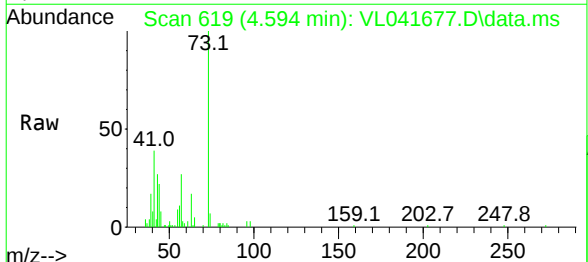
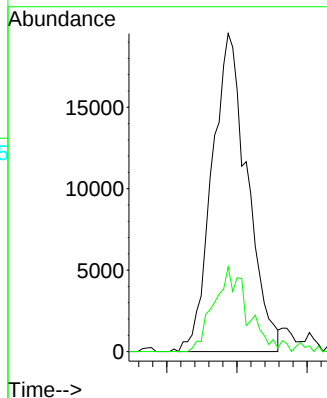
Manual Integrations
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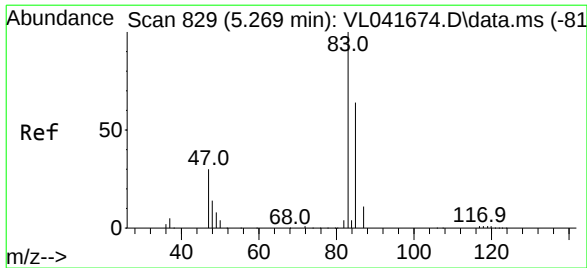
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#28
Methyl tert-Butyl Ether
Concen: 0.469 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.013 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion:	73	Resp:	34128
Ion	Ratio	Lower	Upper
73	100		
57	26.6	19.6	29.4





#29

Chloroform

Concen: 0.530 ppbv

RT: 5.266 min Scan# 82

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 98787

Ion Ratio Lower Upper

83 100

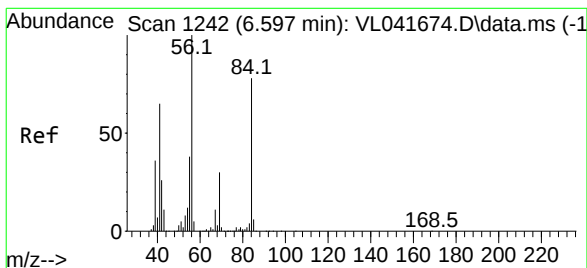
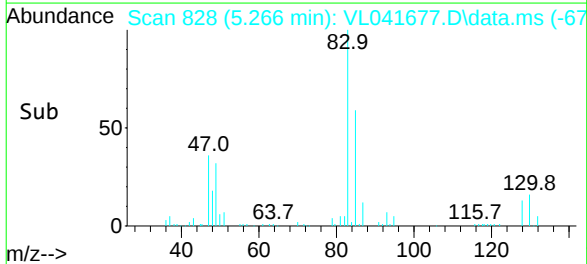
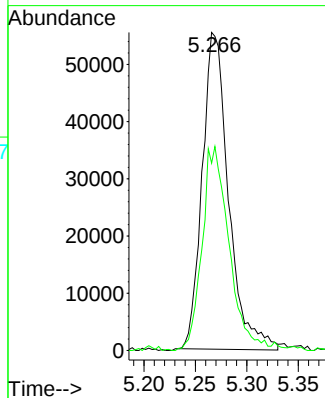
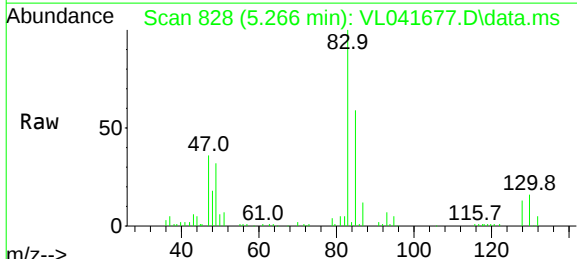
85 58.5 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#30

Cyclohexane

Concen: 0.573 ppbv m

RT: 6.600 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

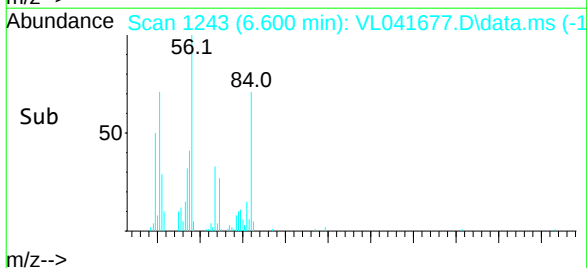
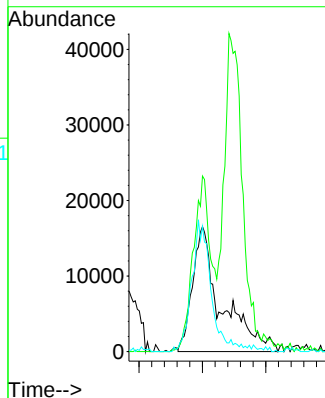
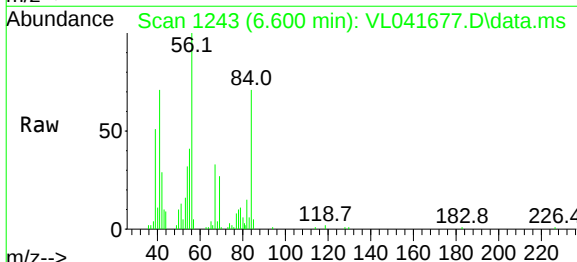
Tgt Ion: 84 Resp: 51970

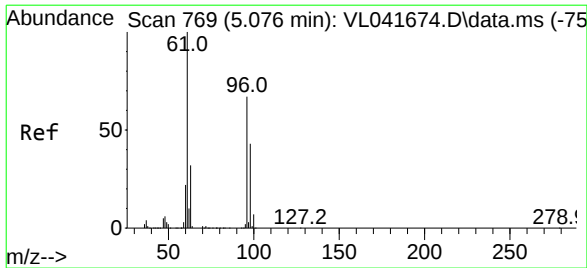
Ion Ratio Lower Upper

84 100

56 83.2 110.8 166.2#

41 71.9 70.0 105.0





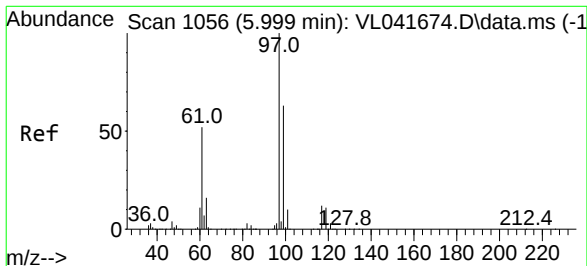
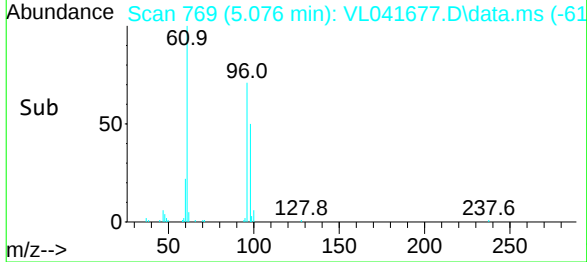
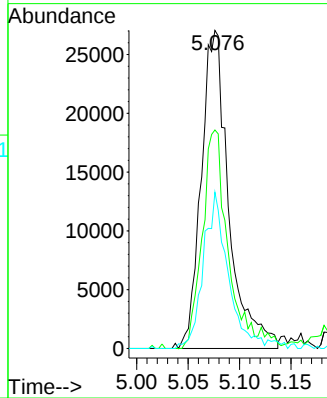
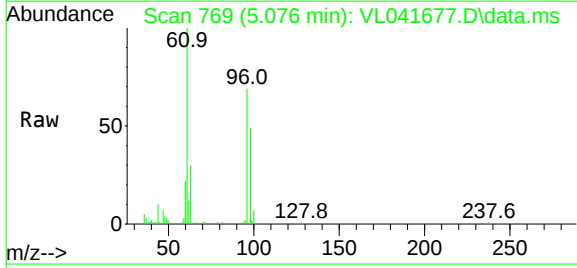
#31
cis-1,2-Dichloroethene
Concen: 0.464 ppbv
RT: 5.076 min Scan# 769
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:	61	Resp:	50385
Ion	Ratio	Lower	Upper
61	100		
96	68.7	53.4	80.2
98	50.1	34.0	51.0

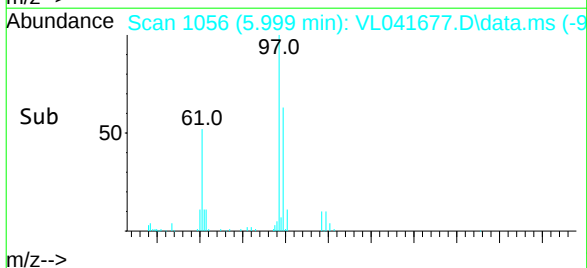
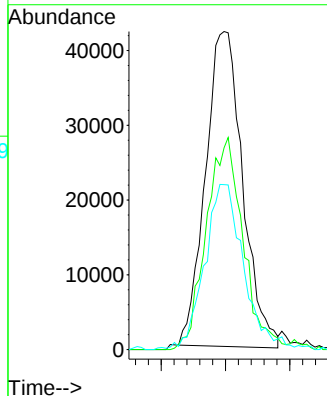
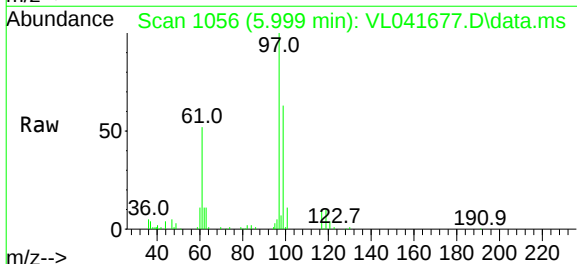
Manual Integrations
APPROVED

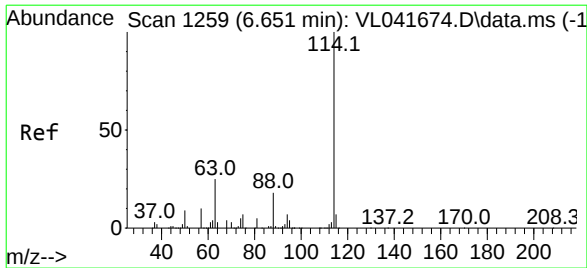
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#32
1,1,1-Trichloroethane
Concen: 0.496 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

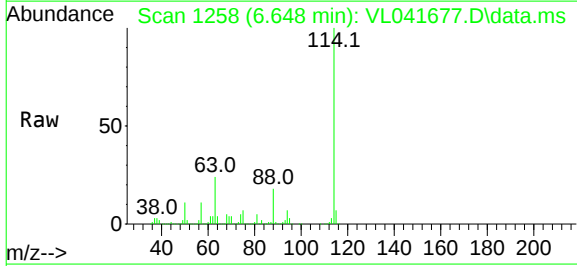
Tgt Ion:	97	Resp:	84699
Ion	Ratio	Lower	Upper
97	100		
99	67.6	51.4	77.2
61	55.5	41.7	62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

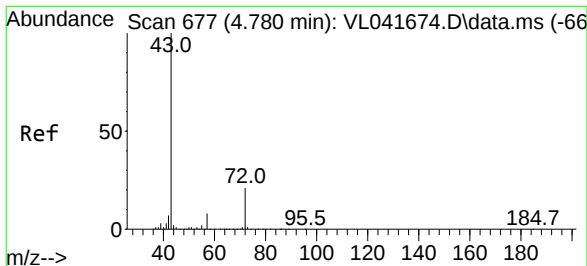
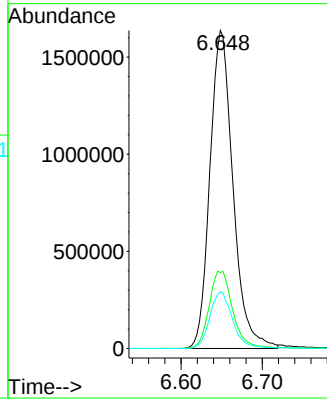
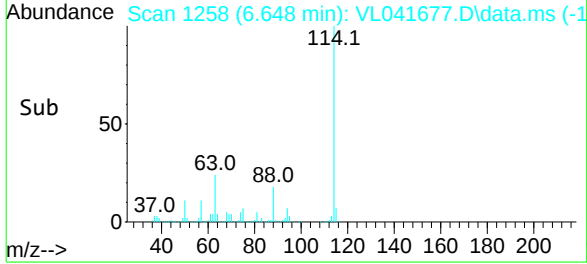
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:114 Resp: 3232256
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 17.8 14.2 21.4

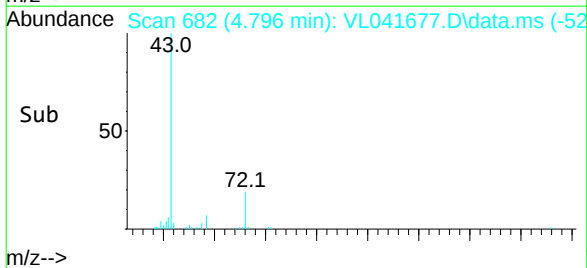
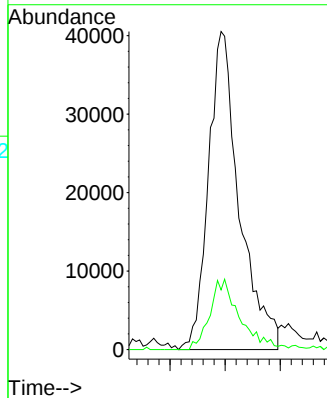
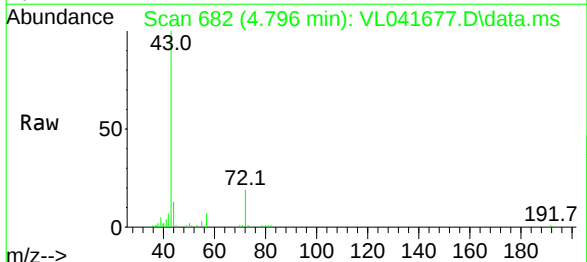
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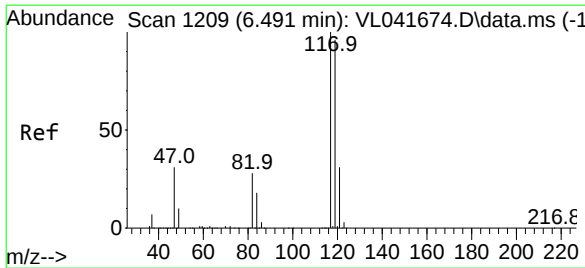
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#34
2-Butanone
Concen: 0.490 ppbv
RT: 4.796 min Scan# 682
Delta R.T. 0.016 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 43 Resp: 78940
Ion Ratio Lower Upper
43 100
72 22.1 17.4 26.0





#35

Carbon Tetrachloride

Concen: 0.523 ppbv m

RT: 6.488 min Scan# 12

Delta R.T. -0.003 min

Lab File: VL041677.D

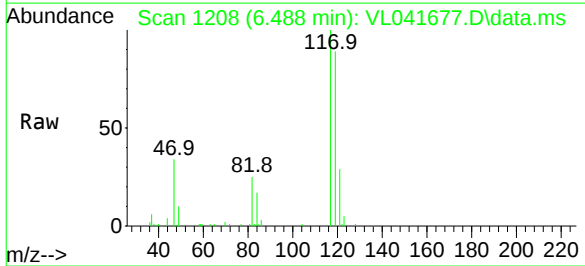
Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion: 117 Resp: 89311

Ion Ratio Lower Upper

117 100

119 88.5 77.2 115.8

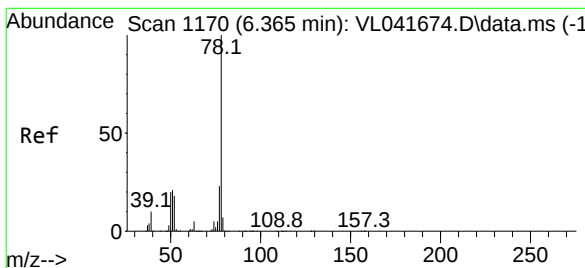
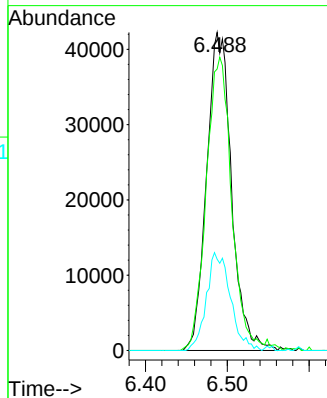
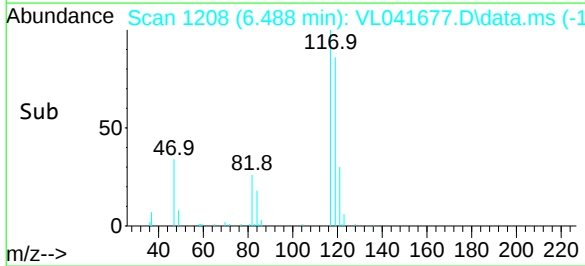
121 28.7 25.0 37.4

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Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#36

Benzene

Concen: 0.447 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

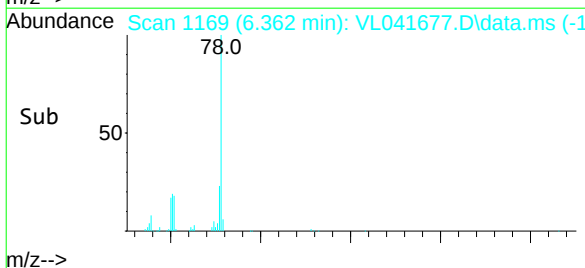
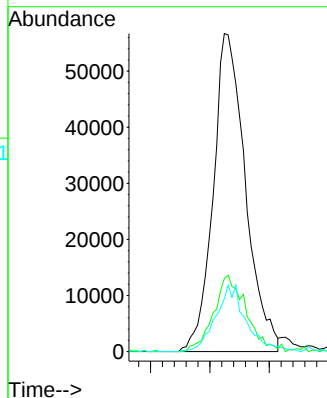
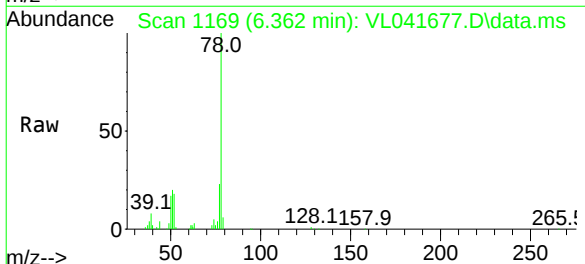
Tgt Ion: 78 Resp: 107078

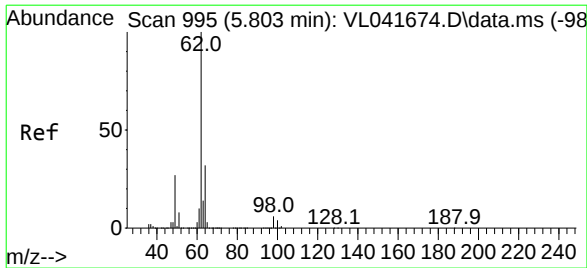
Ion Ratio Lower Upper

78 100

77 23.1 18.5 27.7

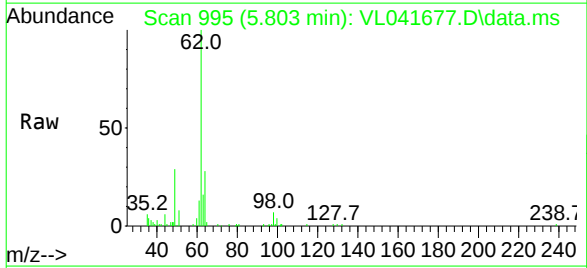
50 16.7 15.6 23.4





#37
1,2-Dichloroethane
Concen: 0.474 ppbv
RT: 5.803 min Scan# 99
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

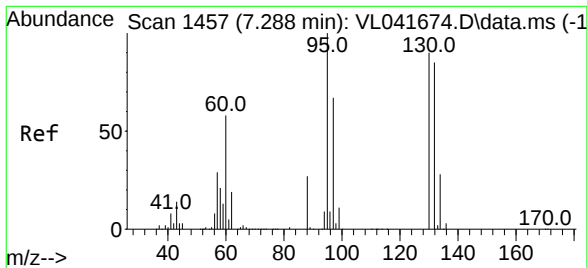
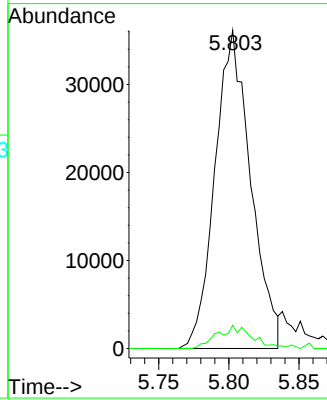
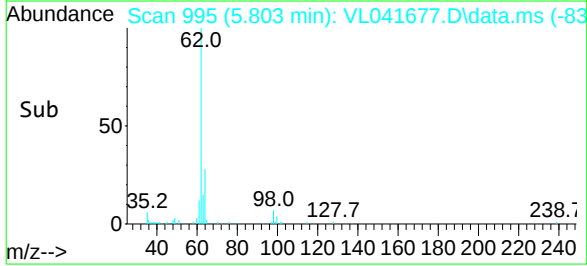
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



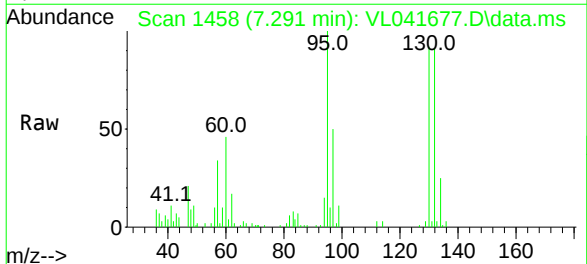
Tgt Ion: 62 Resp: 64024
Ion Ratio Lower Upper
62 100
98 7.5 5.2 7.8

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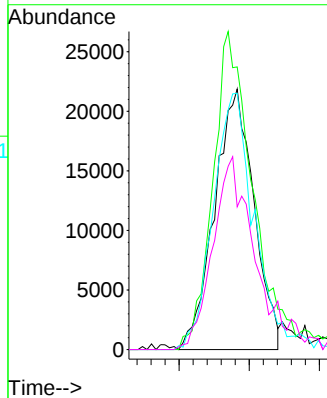
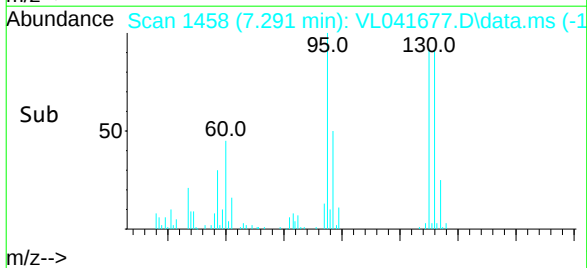
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

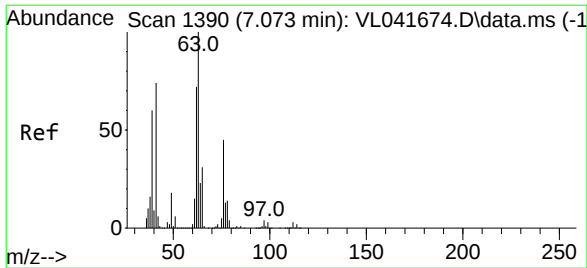


#38
Trichloroethene
Concen: 0.461 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13



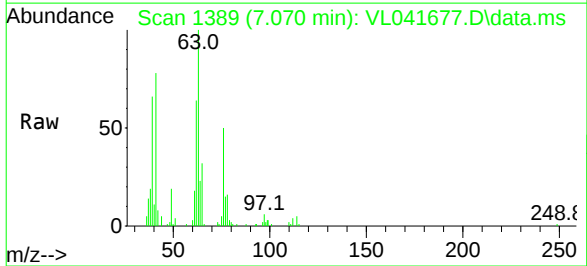
Tgt Ion:130 Resp: 42598
Ion Ratio Lower Upper
130 100
95 108.5 89.1 133.7
132 100.1 75.7 113.5
97 53.8 60.0 90.0#





#39
1,2-Dichloropropane
Concen: 0.475 ppbv
RT: 7.070 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

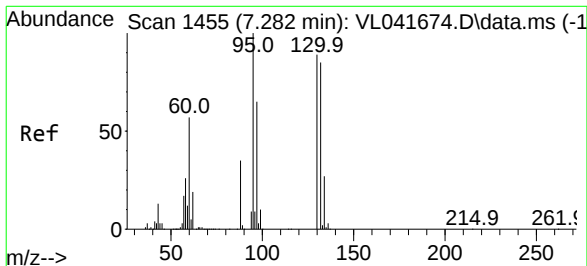
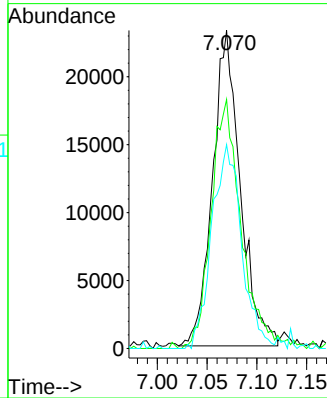
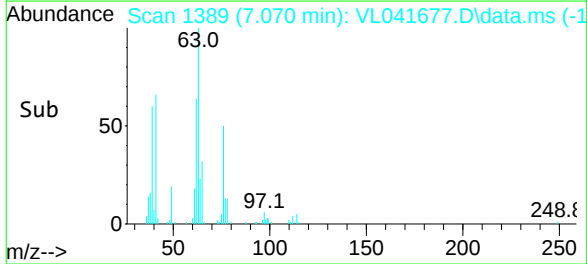
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 63 Resp: 44946
Ion Ratio Lower Upper
63 100
41 78.9 59.1 88.7
62 64.6 57.7 86.5

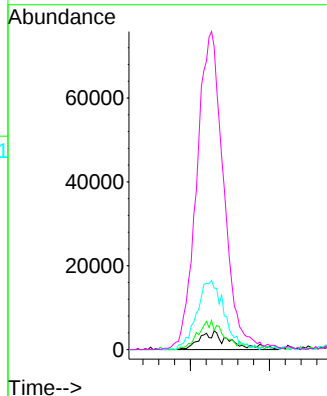
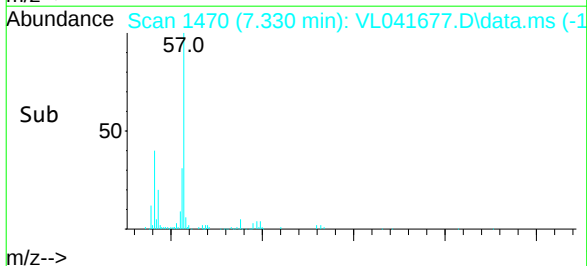
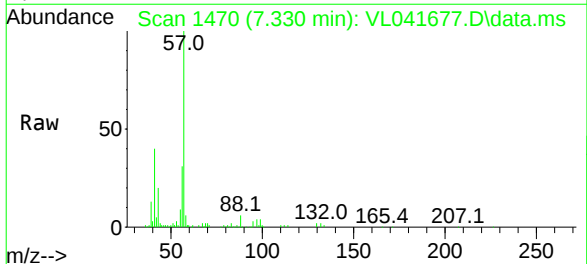
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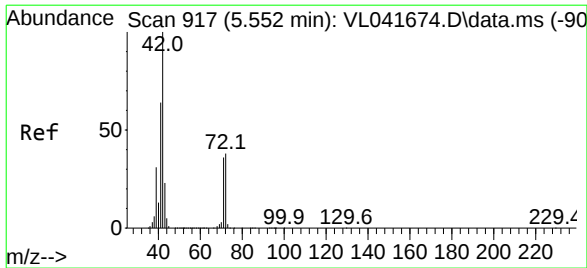
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#40
1,4-Dioxane
Concen: 0.349 ppbv m
RT: 7.330 min Scan# 1470
Delta R.T. 0.048 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 88 Resp: 11696
Ion Ratio Lower Upper
88 100
58 0.0 101.4 152.2#
43 0.0 208.0 312.0#
57 0.0 902.9 1354.3#





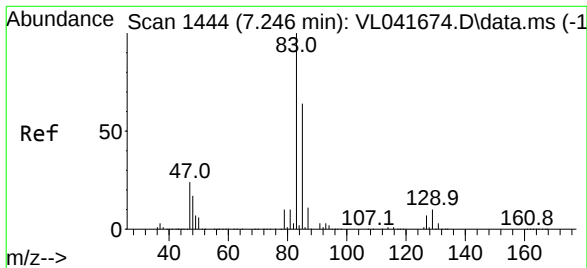
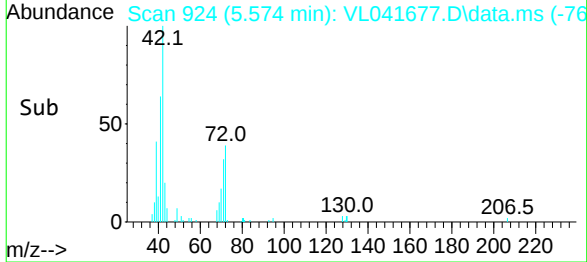
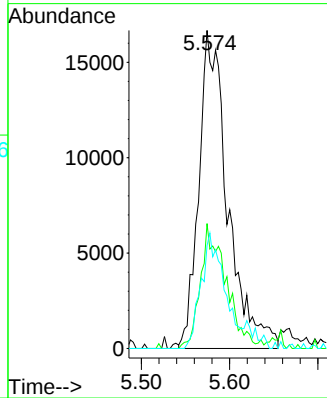
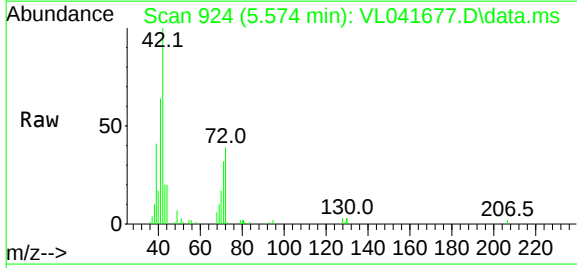
#41
Tetrahydrofuran
Concen: 0.411 ppbv m
RT: 5.574 min Scan# 92
Delta R.T. 0.023 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 37743
Ion Ratio Lower Upper
42 100
72 34.9 29.8 44.6
71 33.7 29.4 44.2

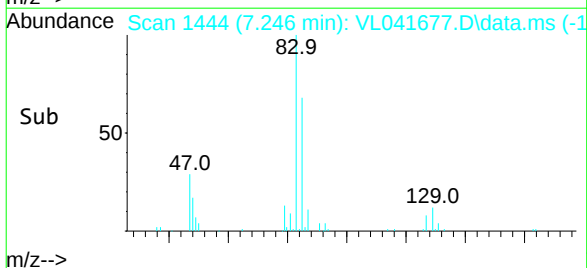
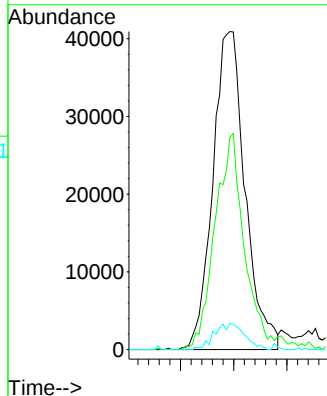
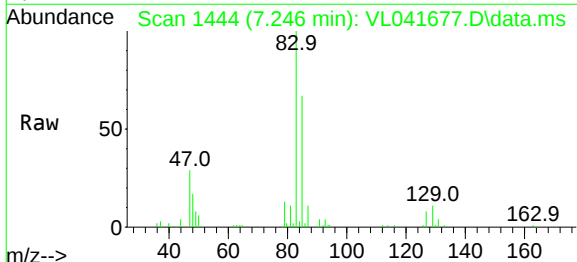
Manual Integrations
APPROVED

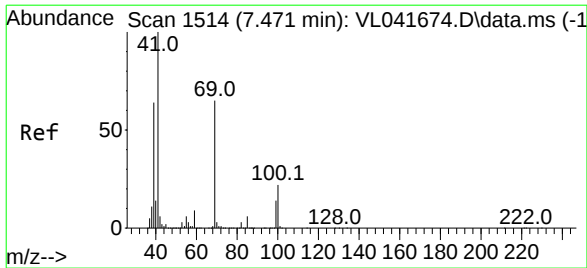
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#42
Bromodichloromethane
Concen: 0.459 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 83 Resp: 86164
Ion Ratio Lower Upper
83 100
85 66.7 51.2 76.8
127 8.3 6.0 9.0





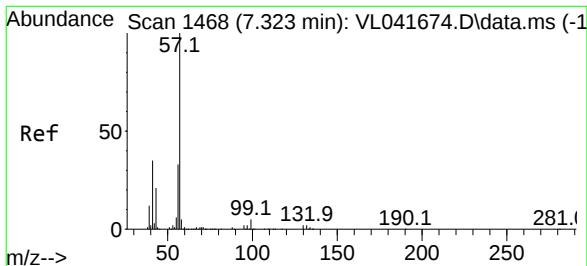
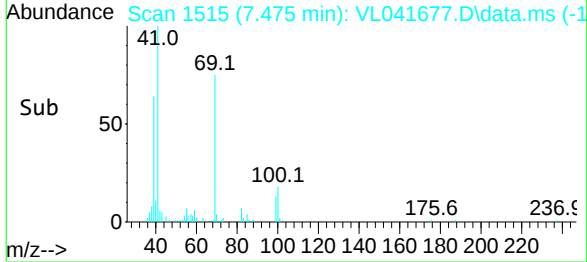
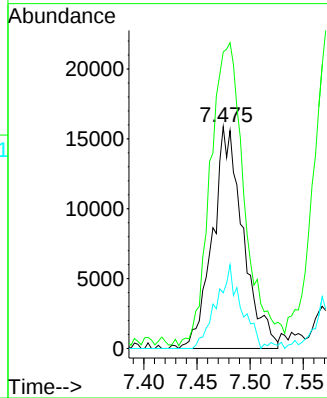
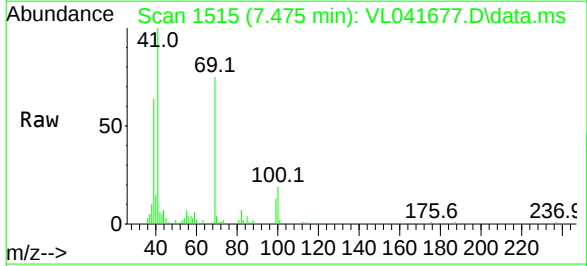
#43
Methyl Methacrylate
Concen: 0.377 ppbv m
RT: 7.475 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 31683
Ion Ratio Lower Upper
69 100
41 157.5 119.8 179.6
100 31.5 27.3 40.9

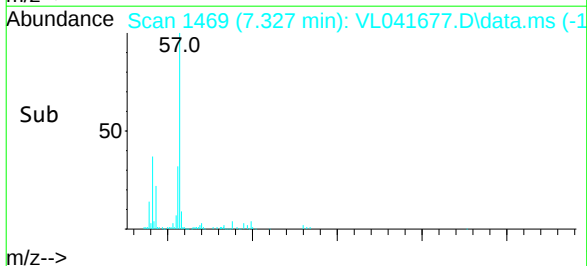
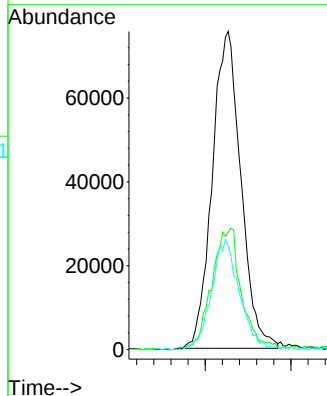
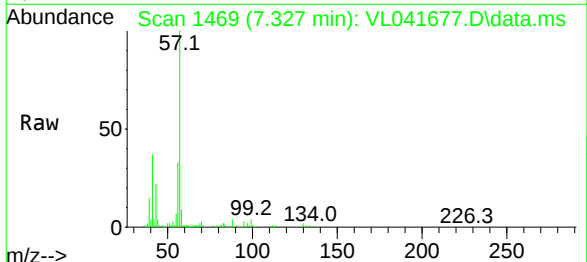
Manual Integrations
APPROVED

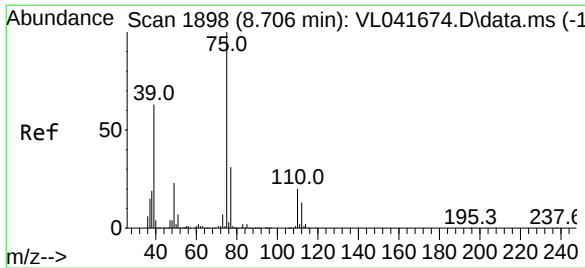
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#44
2,2,4-Trimethylpentane
Concen: 0.433 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

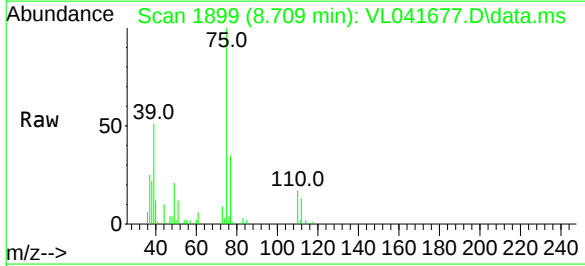
Tgt Ion: 57 Resp: 175510
Ion Ratio Lower Upper
57 100
41 39.8 27.0 40.6
56 34.3 25.8 38.6





#45
t-1,3-Dichloropropene
Concen: 0.352 ppbv m
RT: 8.709 min Scan# 1898
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

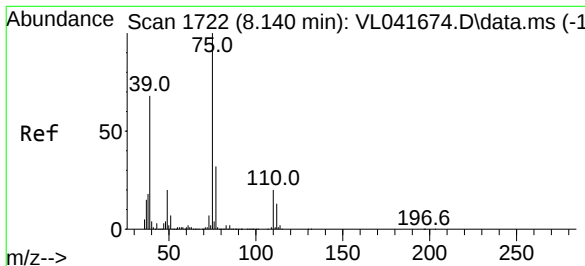
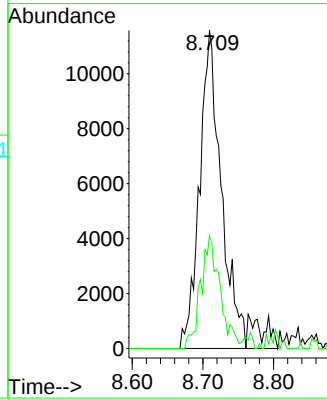
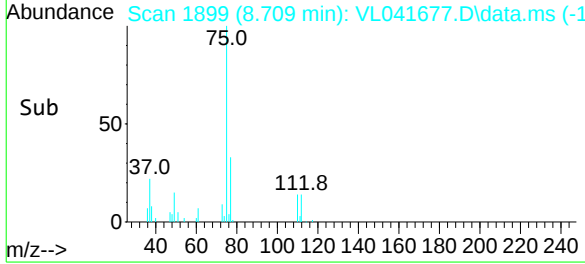
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



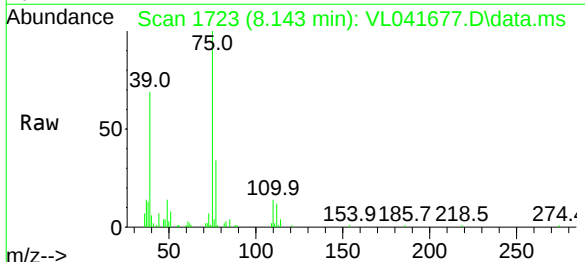
Tgt Ion: 75 Resp: 26475
Ion Ratio Lower Upper
75 100
77 35.4 24.7 37.1

Manual Integrations
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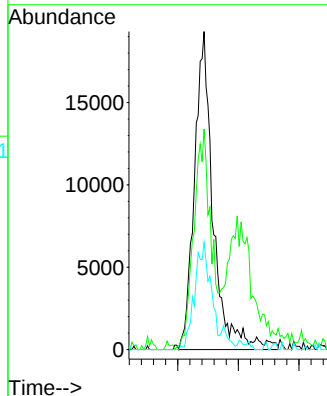
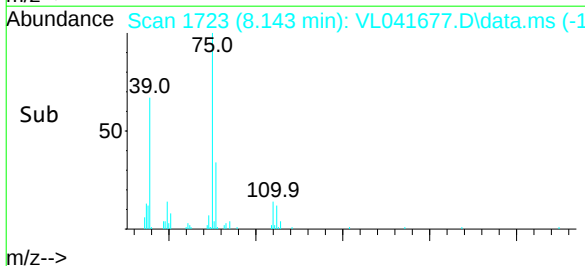
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

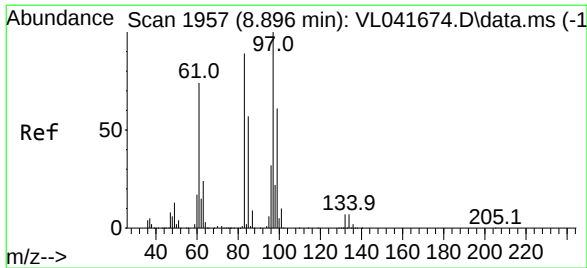


#46
cis-1,3-Dichloropropene
Concen: 0.379 ppbv m
RT: 8.143 min Scan# 1723
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13



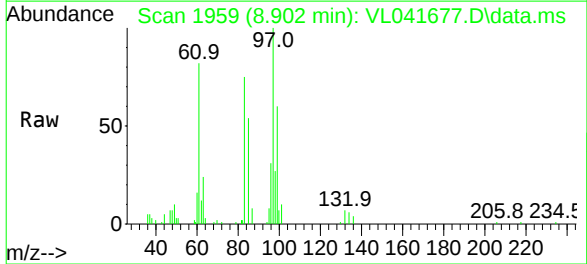
Tgt Ion: 75 Resp: 41408
Ion Ratio Lower Upper
75 100
39 69.4 54.1 81.1
77 33.7 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 0.512 ppbv m
RT: 8.902 min Scan# 1957
Delta R.T. 0.007 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

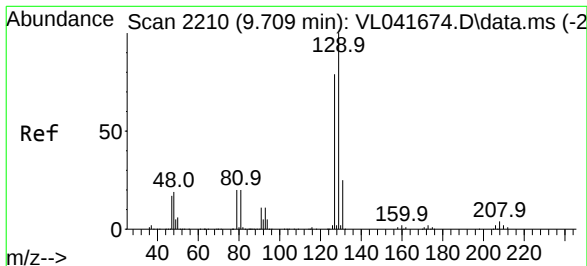
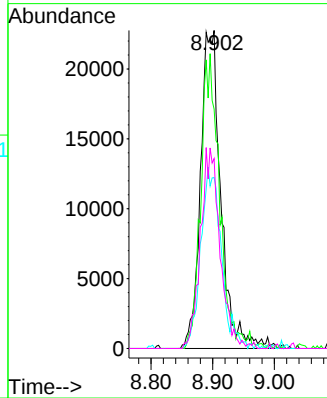
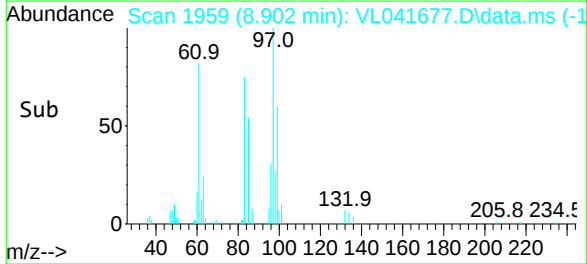
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 97 Resp: 52244
Ion Ratio Lower Upper
97 100
83 75.3 71.0 106.6
85 53.7 45.4 68.2
99 59.7 49.0 73.6

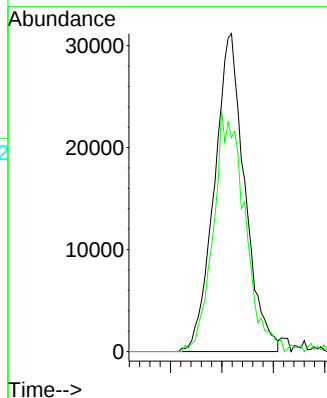
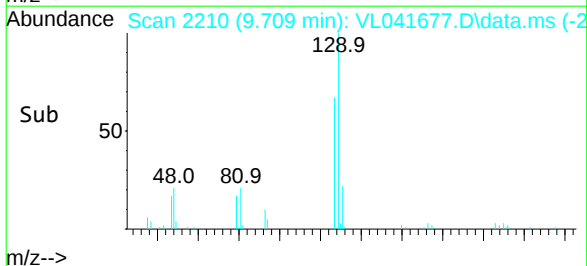
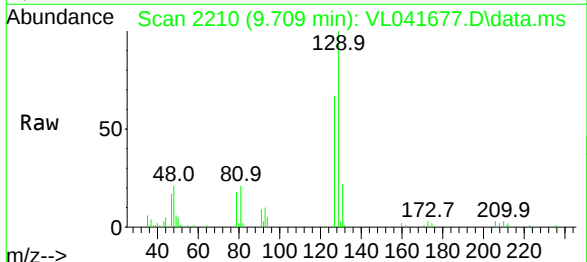
Manual Integrations
APPROVED

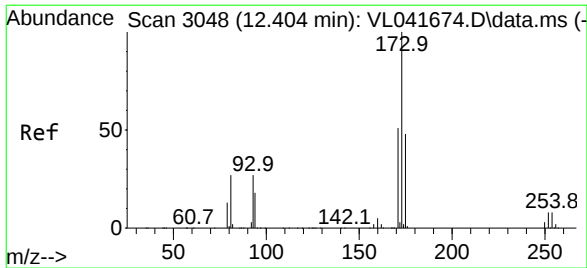
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#48
Dibromochloromethane
Concen: 0.411 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion:129 Resp: 64053
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





#49

Bromoform

Concen: 0.386 ppbv m

RT: 12.401 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

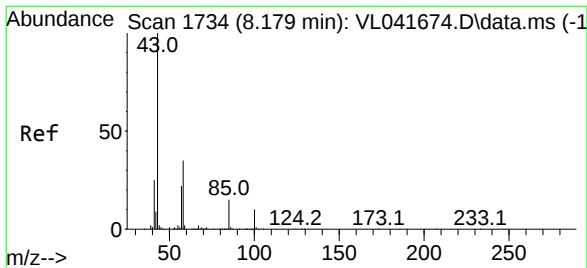
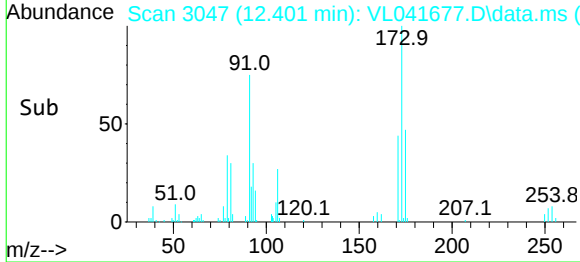
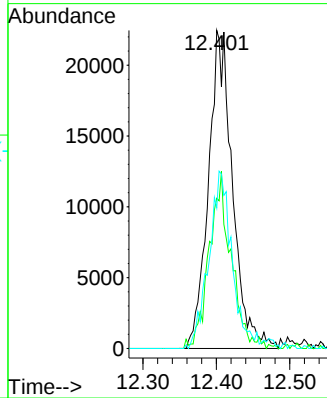
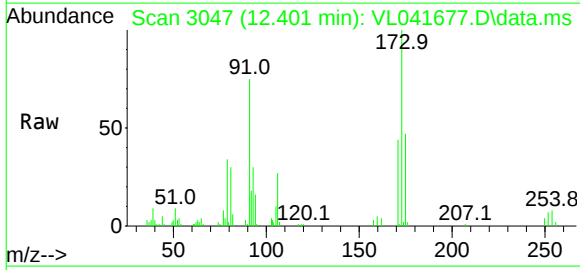
VSTDIC0.5

Tgt Ion:	173	Resp:	51263
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.2	58.8
171	0.0	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#50

4-Methyl-2-Pentanone

Concen: 0.399 ppbv m

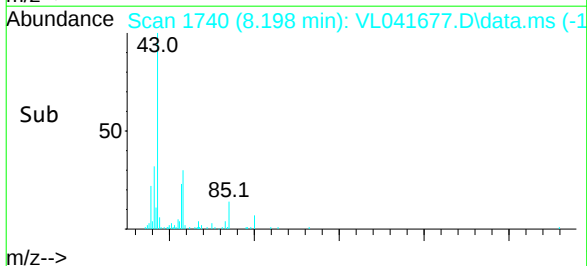
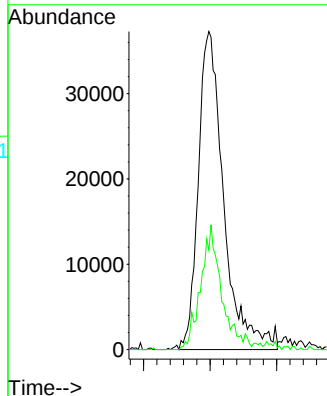
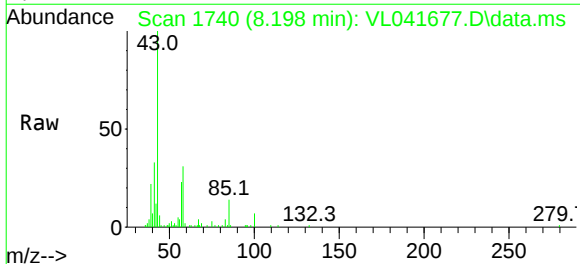
RT: 8.198 min Scan# 1740

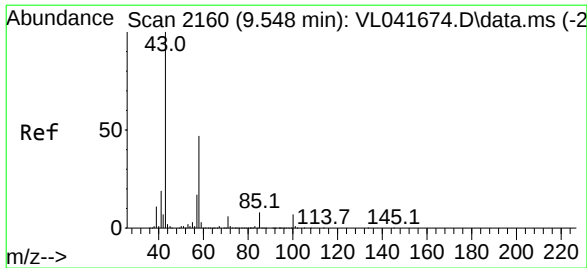
Delta R.T. 0.019 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

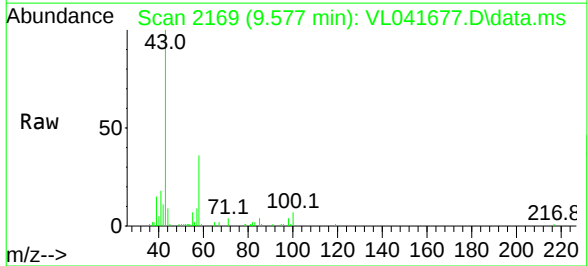
Tgt Ion:	43	Resp:	98725
Ion Ratio	Lower	Upper	
43	100		
58	32.9	27.7	41.5





#51
2-Hexanone
Concen: 0.370 ppbv m
RT: 9.577 min Scan# 2160
Delta R.T. 0.029 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

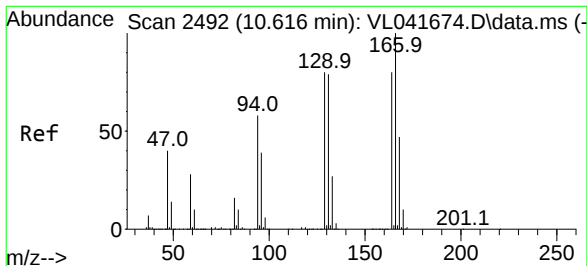
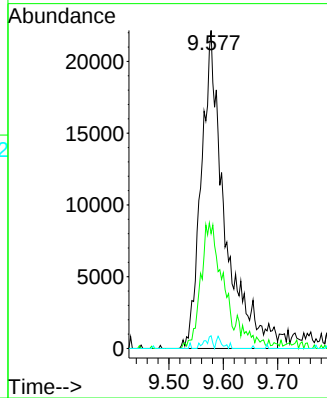
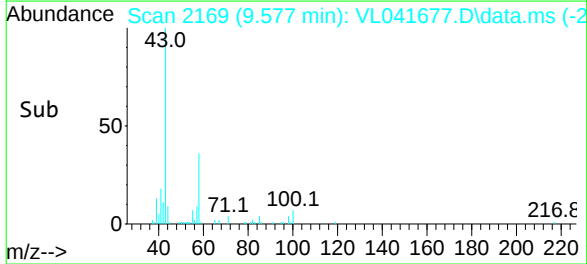
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



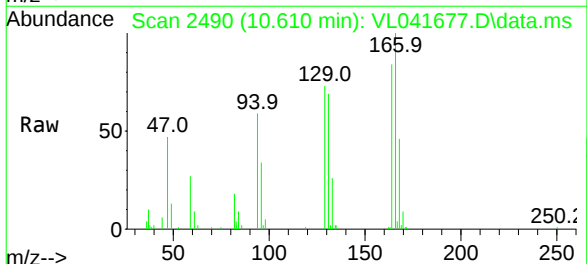
Tgt Ion: 43 Resp: 66460
Ion Ratio Lower Upper
43 100
58 0.0 37.0 55.6#
98 0.0 0.6 0.8#

Manual Integrations
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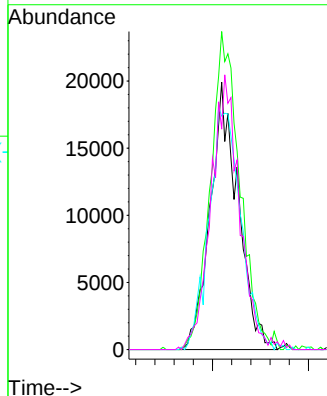
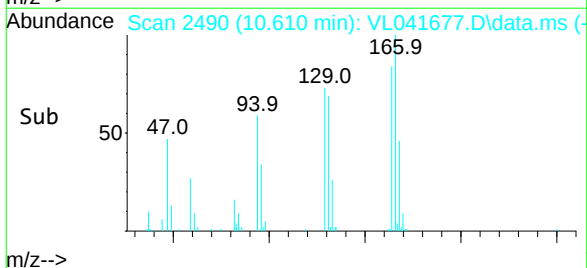
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

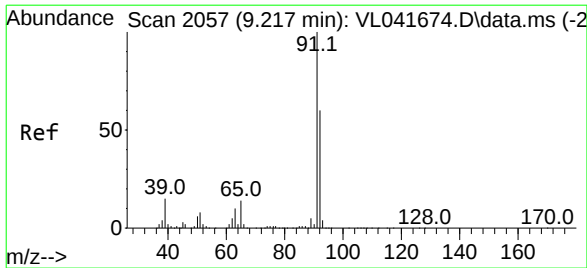


#52
Tetrachloroethene
Concen: 0.489 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. -0.006 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13



Tgt Ion:164 Resp: 40017
Ion Ratio Lower Upper
164 100
166 118.9 100.2 150.4
129 87.3 79.7 119.5
131 82.4 79.0 118.4





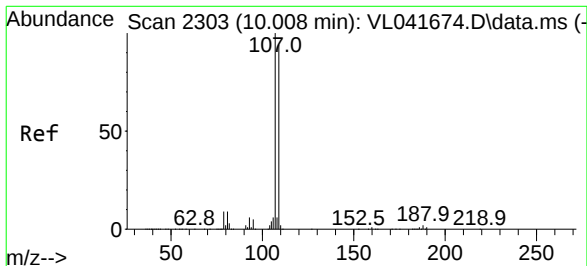
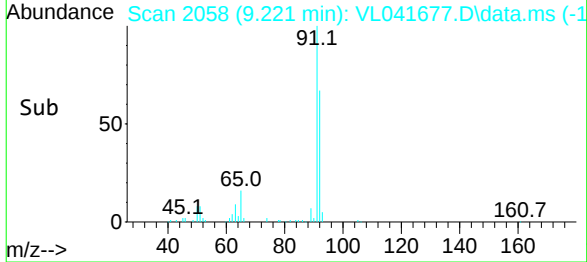
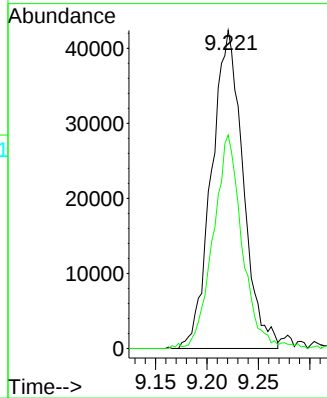
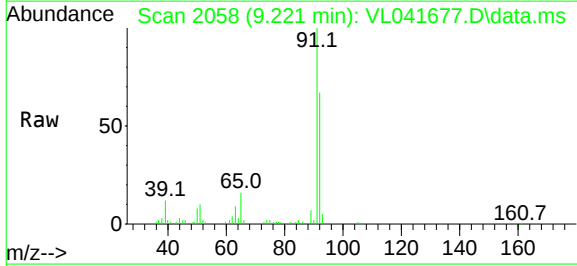
#53
Toluene
Concen: 0.359 ppbv
RT: 9.221 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 90468
Ion Ratio Lower Upper
91 100
92 62.1 49.0 73.4

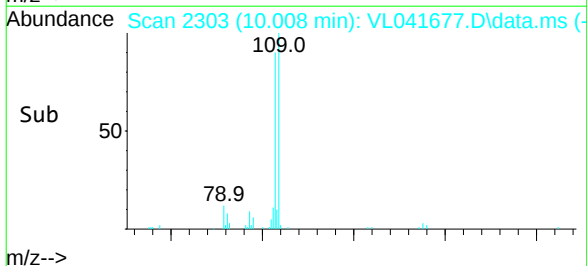
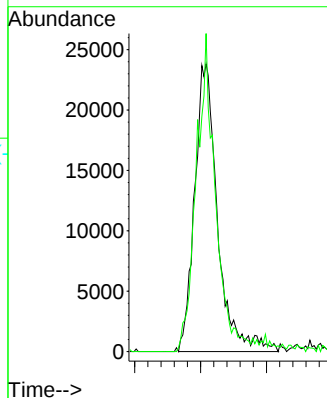
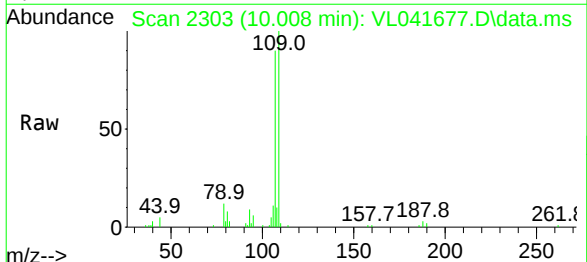
Manual Integrations
APPROVED

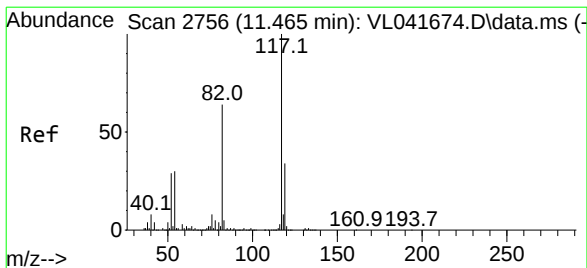
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#54
1,2-Dibromoethane
Concen: 0.484 ppbv m
RT: 10.008 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion:107 Resp: 57696
Ion Ratio Lower Upper
107 100
109 110.5 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 27

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:117 Resp: 2900644

Ion Ratio Lower Upper

117 100

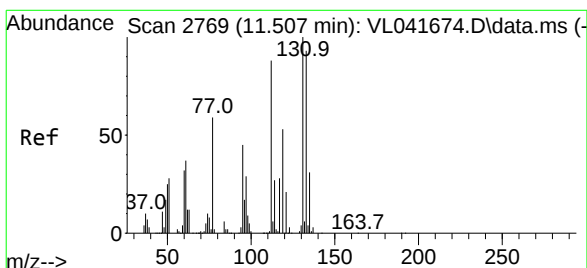
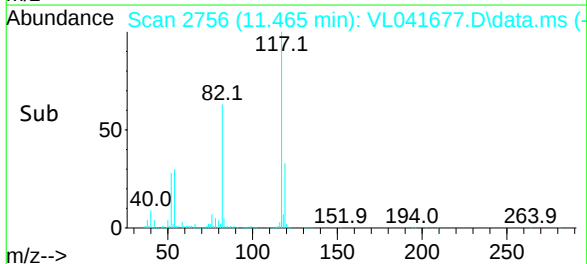
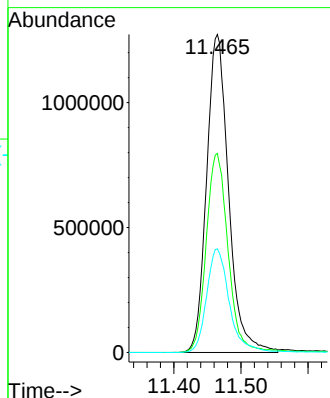
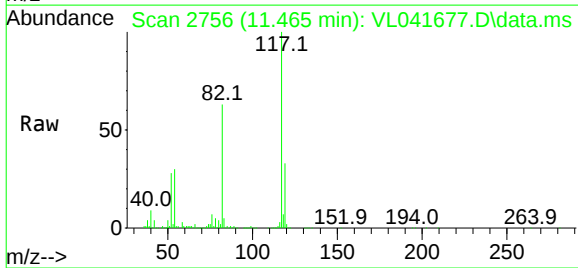
82 63.2 49.8 74.8

119 33.9 24.2 36.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 0.512 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

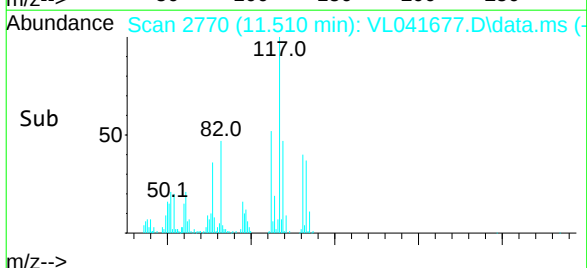
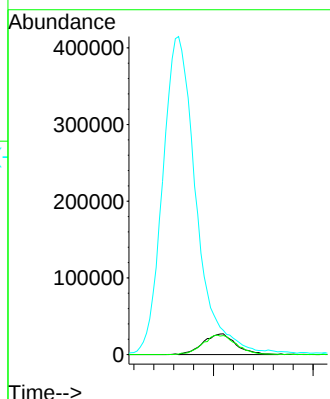
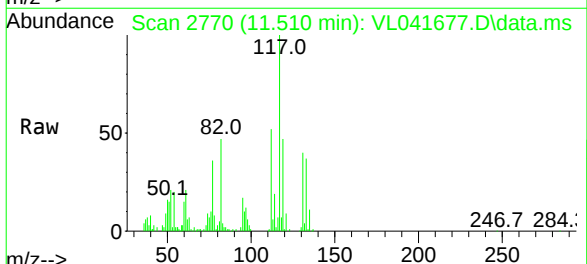
Tgt Ion:131 Resp: 61817

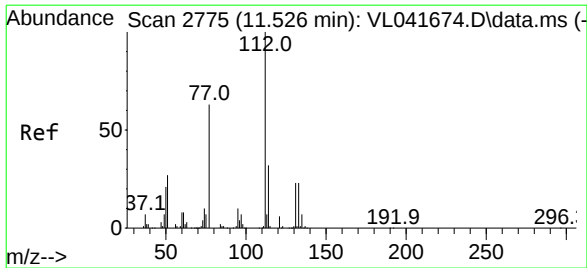
Ion Ratio Lower Upper

131 100

133 97.3 76.5 114.7

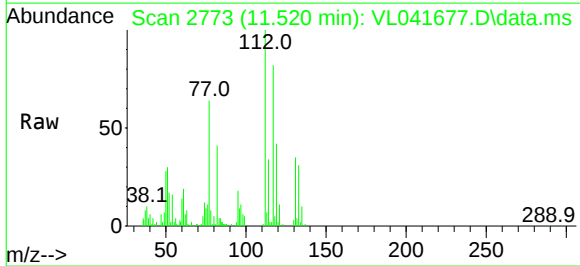
119 1592.6 49.8 74.8#





#57
Chlorobenzene
Concen: 0.525 ppbv m
RT: 11.520 min Scan# 2775
Delta R.T. -0.006 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

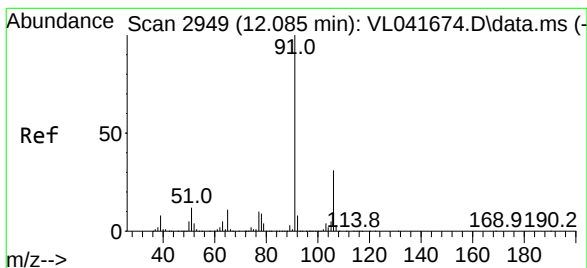
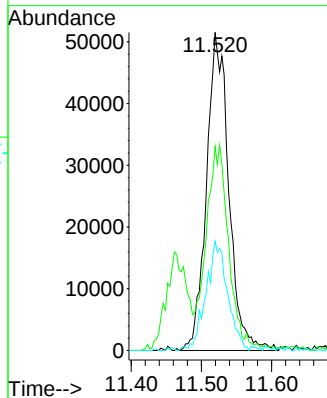
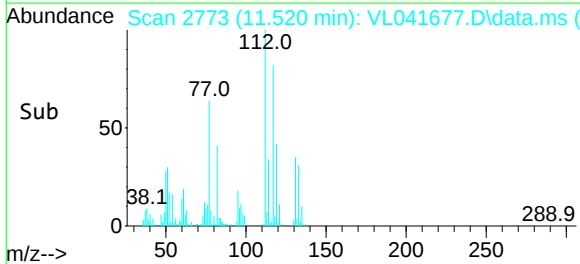
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:112 Resp: 113601
Ion Ratio Lower Upper
112 100
77 64.1 51.4 77.2
114 34.3 28.4 34.8

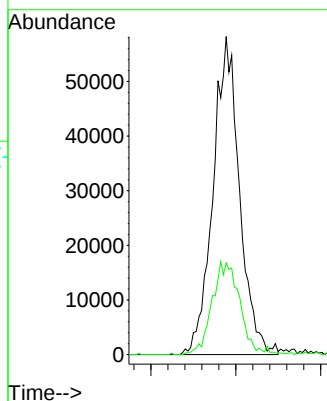
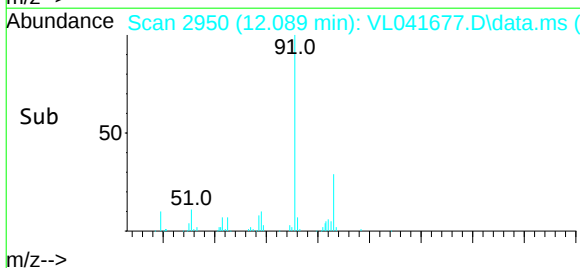
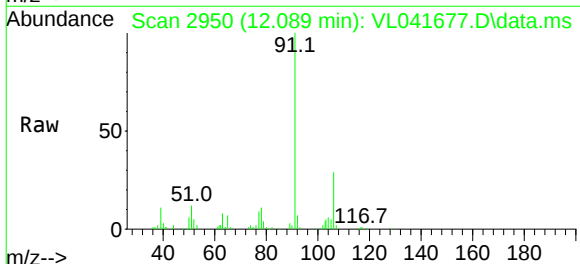
Manual Integrations
APPROVED

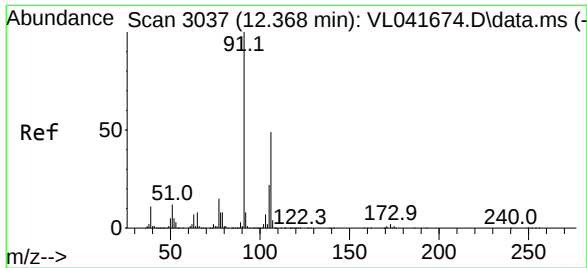
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#58
Ethyl Benzene
Concen: 0.392 ppbv m
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

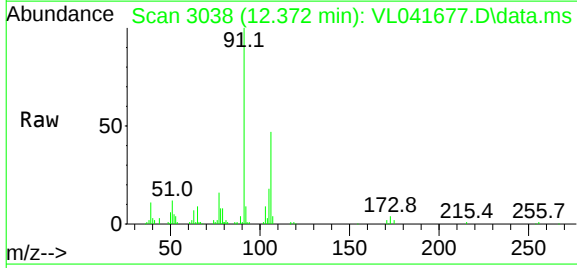
Tgt Ion: 91 Resp: 125893
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3





#59
m/p-Xylene
Concen: 0.840 ppbv m
RT: 12.372 min Scan# 3038
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

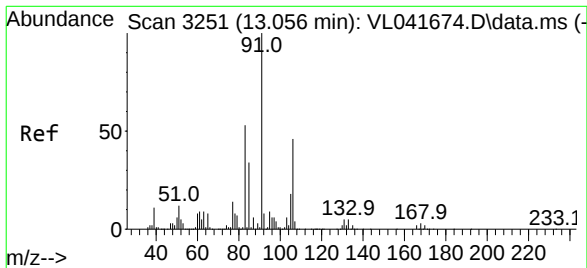
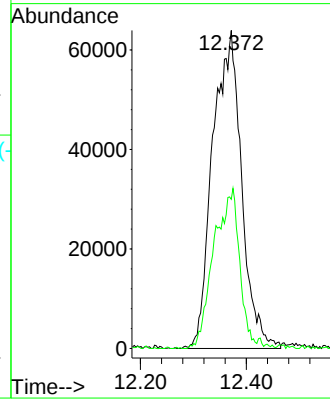
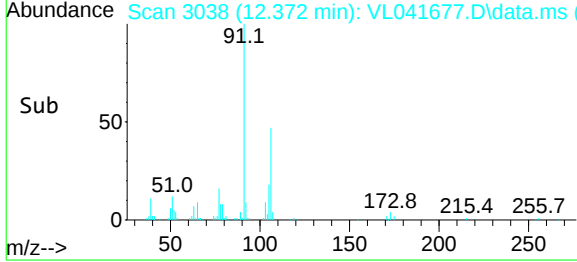
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



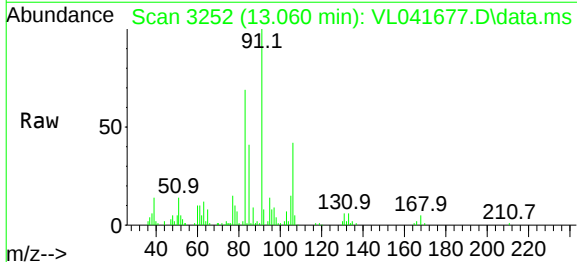
Tgt Ion: 91 Resp: 241360
Ion Ratio Lower Upper
91 100
106 45.5 36.9 55.3

Manual Integrations
APPROVED

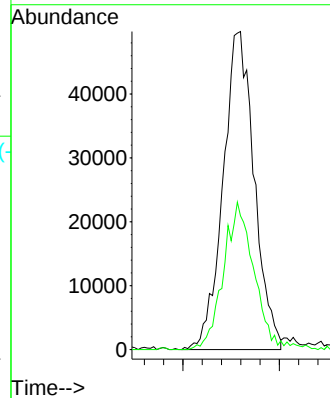
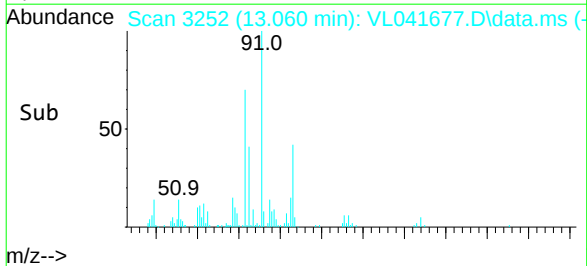
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

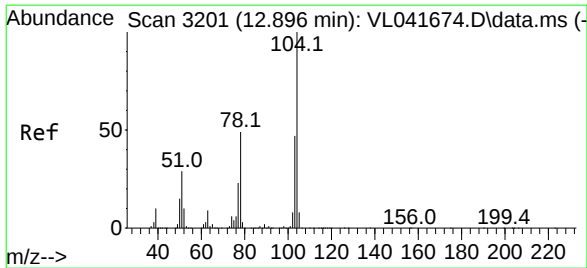


#60
o-Xylene
Concen: 0.408 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13



Tgt Ion: 91 Resp: 111856
Ion Ratio Lower Upper
91 100
106 45.8 23.2 69.6





#61

Styrene

Concen: 0.320 ppbv m

RT: 12.899 min Scan# 3201

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

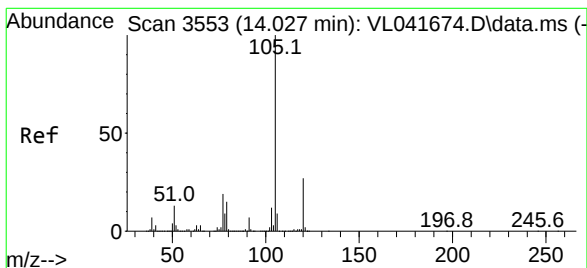
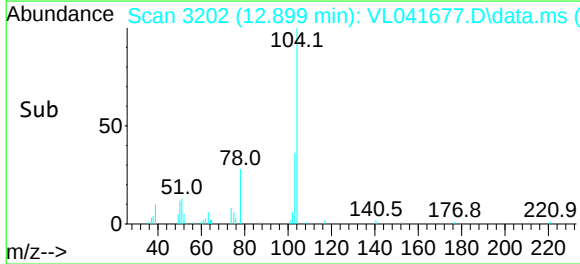
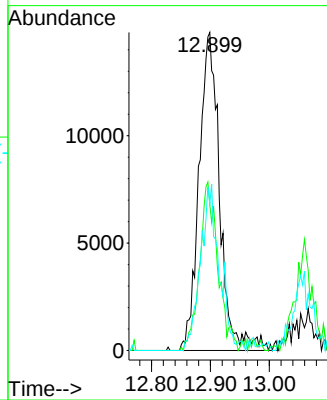
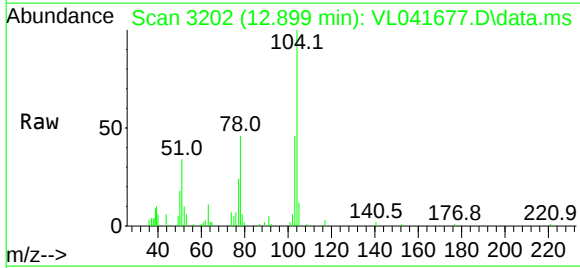
VSTDIC0.5

Tgt Ion:	104	Resp:	36189
Ion Ratio	Lower	Upper	
104	100		
78	47.3	39.8	59.8
103	48.0	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#62

Isopropylbenzene

Concen: 0.443 ppbv

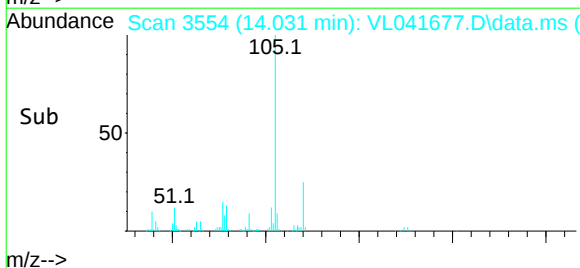
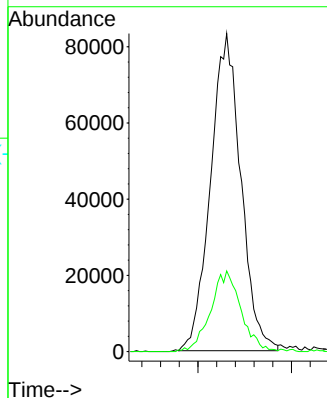
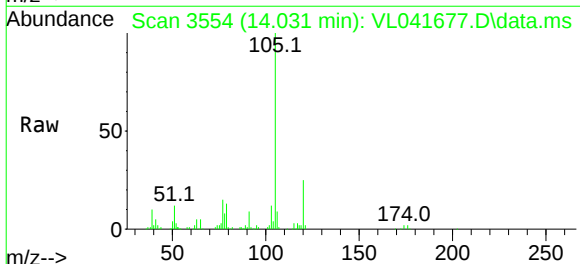
RT: 14.031 min Scan# 3554

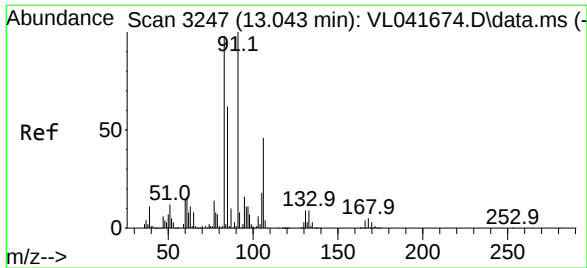
Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion:	105	Resp:	187478
Ion Ratio	Lower	Upper	
105	100		
120	25.6	21.1	31.7





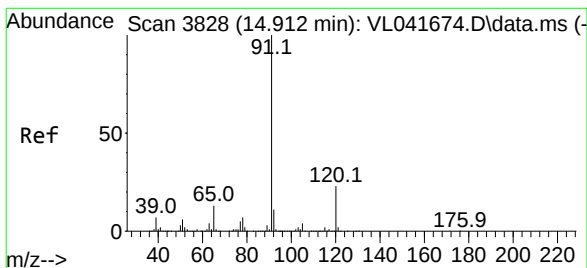
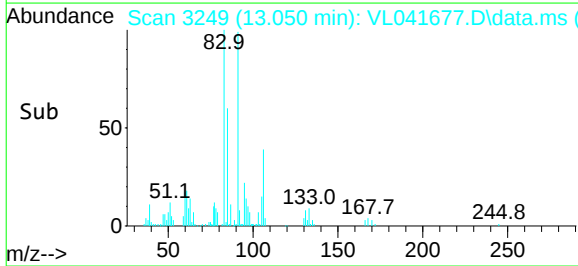
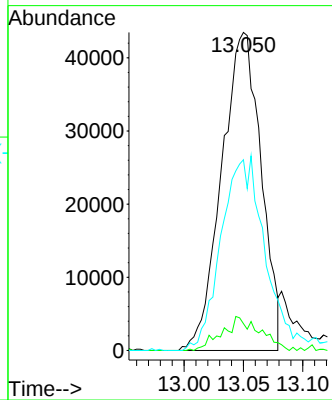
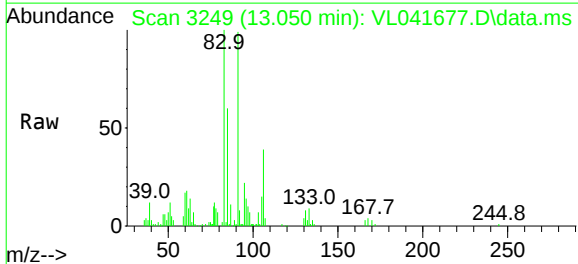
#63
1,1,2,2-Tetrachloroethane
Concen: 0.503 ppbv
RT: 13.050 min Scan# 3247
Delta R.T. 0.007 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.8	14.3
85	69.1	32.6	98.0

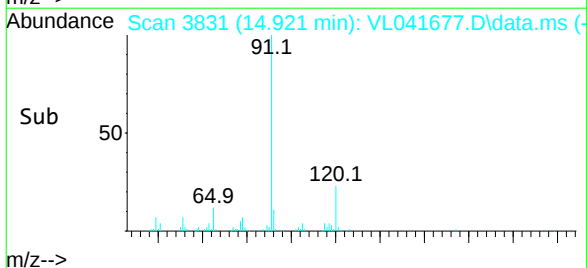
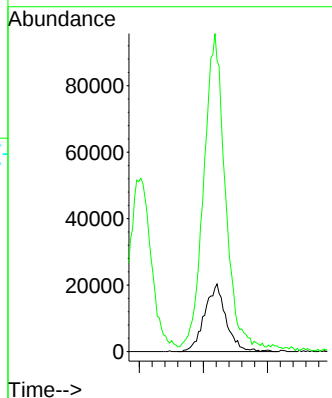
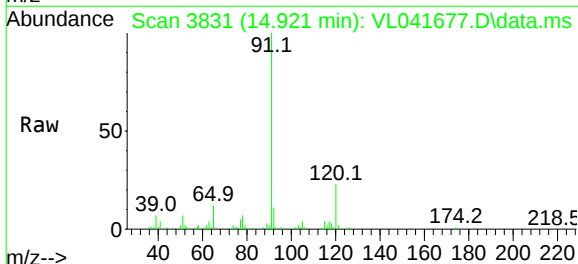
Manual Integrations
APPROVED

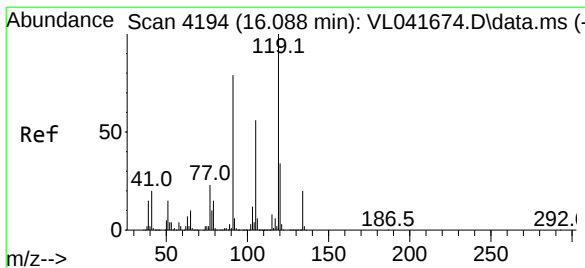
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#64
n-propylbenzene
Concen: 0.426 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. 0.010 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion	Ratio	Lower	Upper
120	100		
91	486.2	362.4	543.6





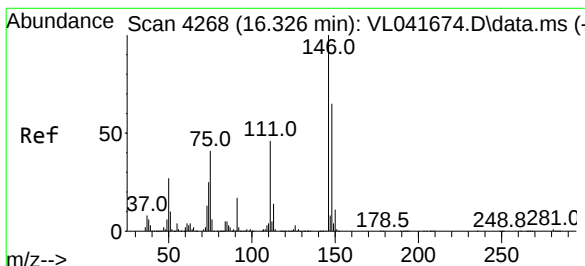
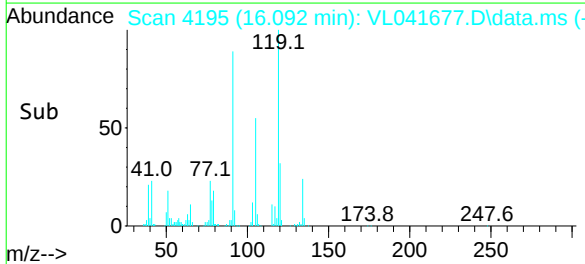
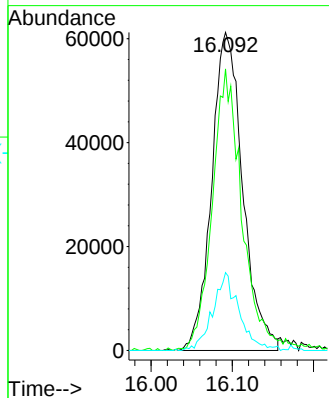
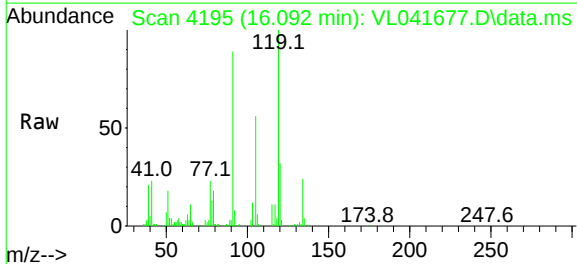
#65
tert-Butylbenzene
Concen: 0.428 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 162846
Ion Ratio Lower Upper
119 100
91 86.0 64.3 96.5
134 20.8 15.8 23.8

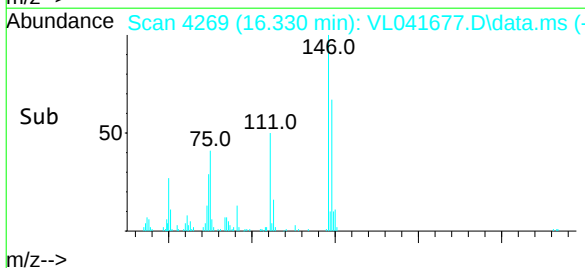
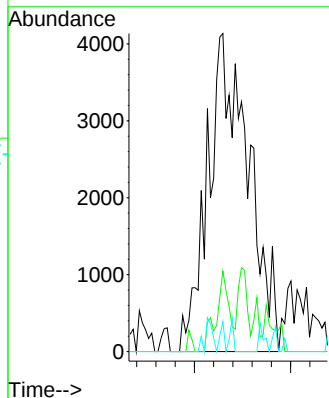
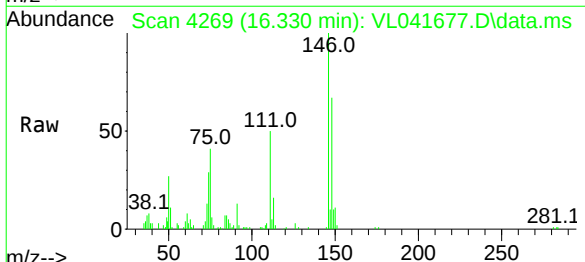
Manual Integrations
APPROVED

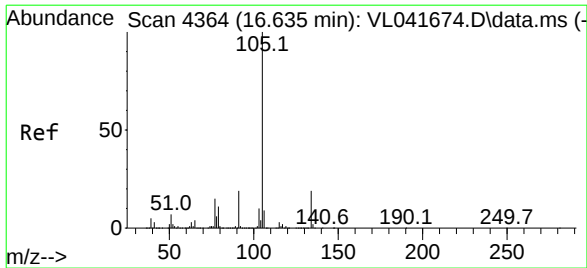
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#66
Benzyl Chloride
Concen: 0.440 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 91 Resp: 12069
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.6#
128 3.8 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.429 ppbv

RT: 16.638 min Scan# 43

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 230007

Ion Ratio Lower Upper

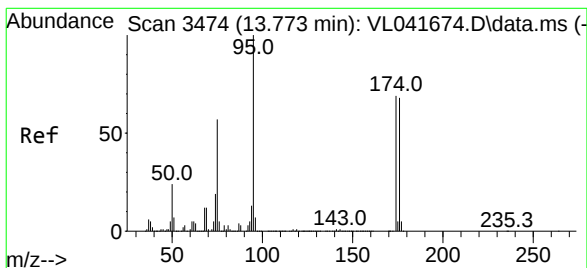
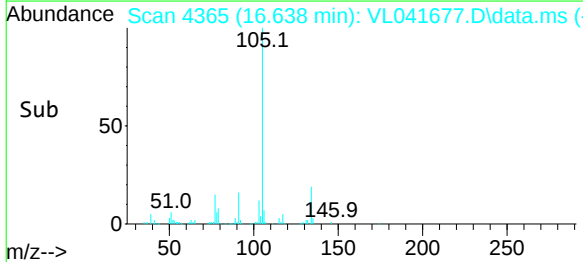
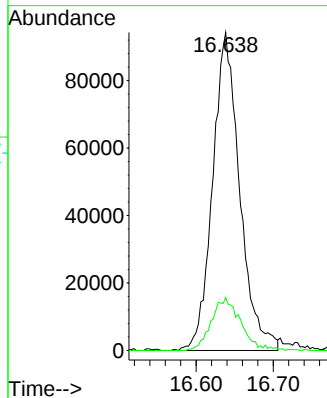
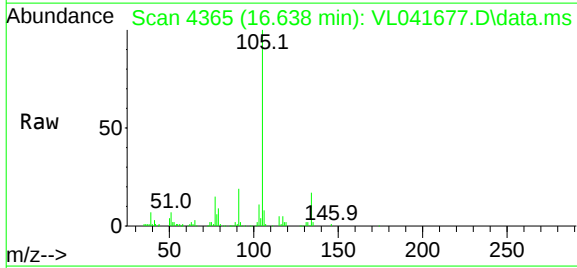
105 100

134 18.1 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.318 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

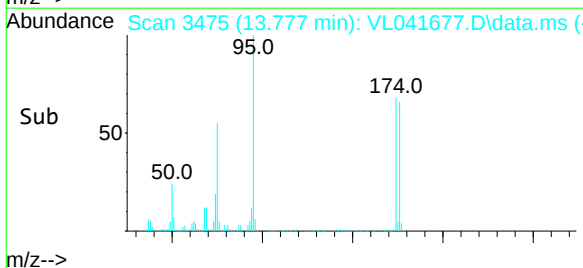
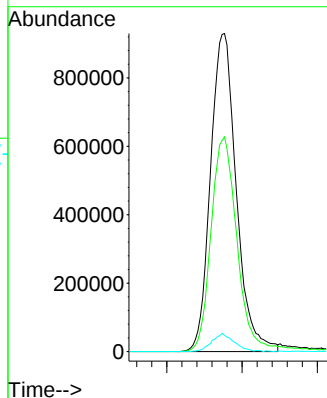
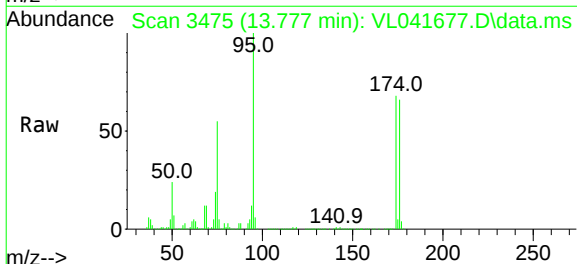
Tgt Ion: 95 Resp: 2213310

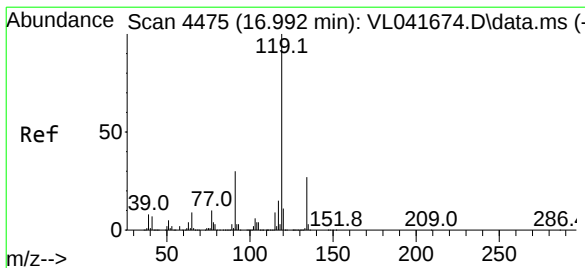
Ion Ratio Lower Upper

95 100

174 69.7 55.6 83.4

175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.389 ppbv

RT: 16.995 min Scan# 4475

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

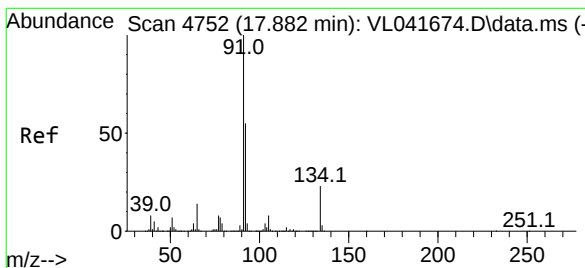
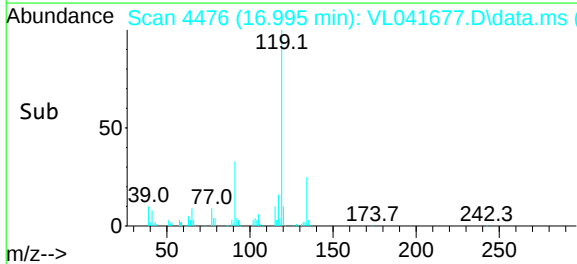
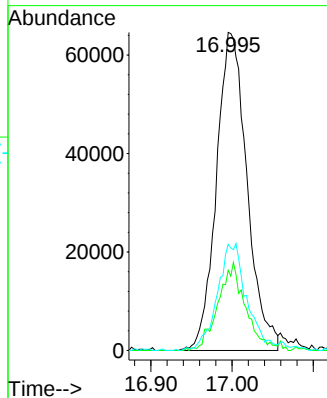
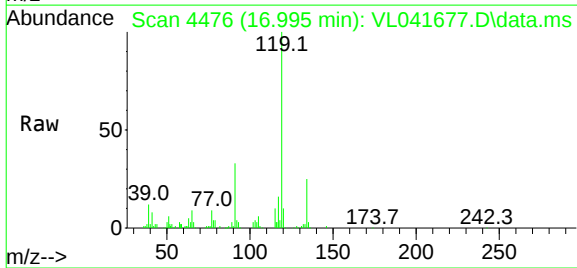
ClientSampleId :

VSTDIC0.5

Tgt Ion:	119	Resp:	169014
Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.8	31.2
91	33.6	23.2	34.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#70

n-Butylbenzene

Concen: 0.402 ppbv m

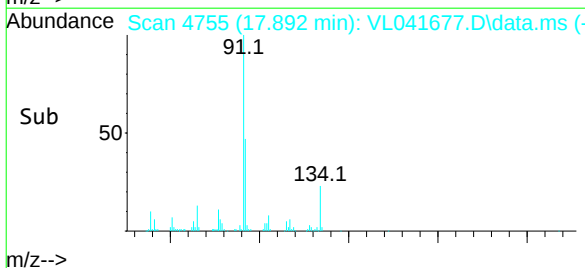
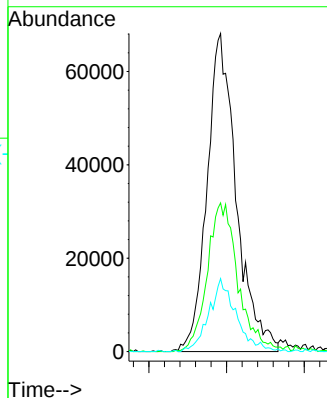
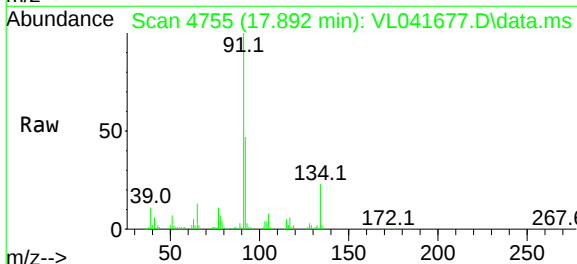
RT: 17.892 min Scan# 4755

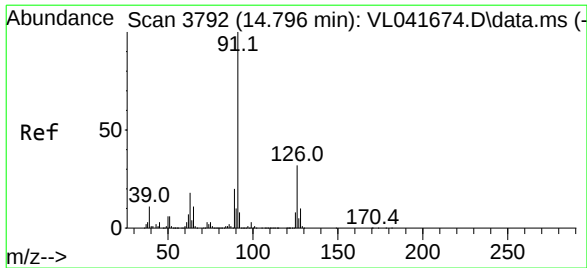
Delta R.T. 0.010 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion:	91	Resp:	178790
Ion	Ratio	Lower	Upper
91	100		
92	49.3	43.3	64.9
134	21.5	18.4	27.6





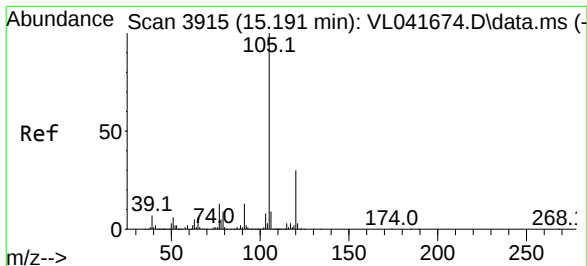
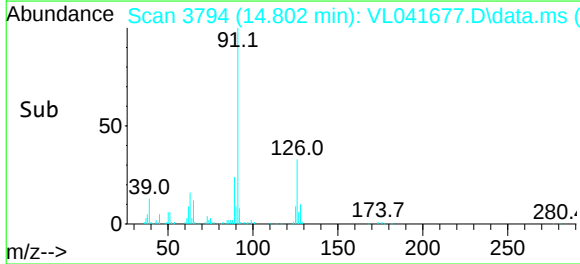
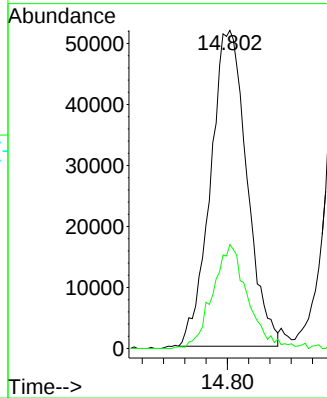
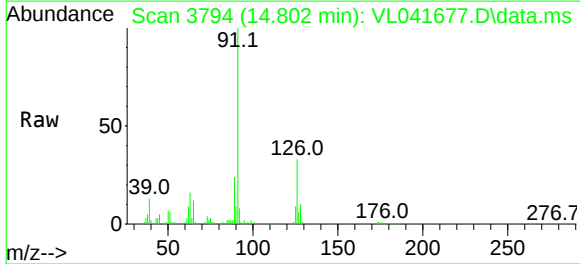
#71
2-Chlorotoluene
Concen: 0.401 ppbv
RT: 14.802 min Scan# 3792
Delta R.T. 0.007 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 122982
Ion Ratio Lower Upper
91 100
126 31.8 12.8 51.0

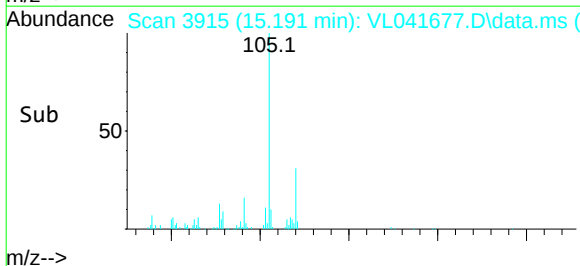
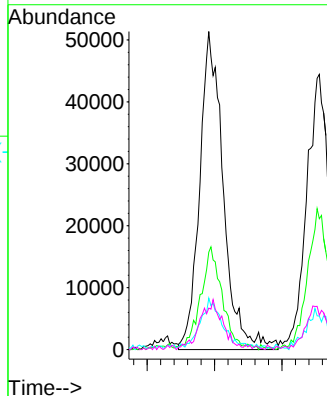
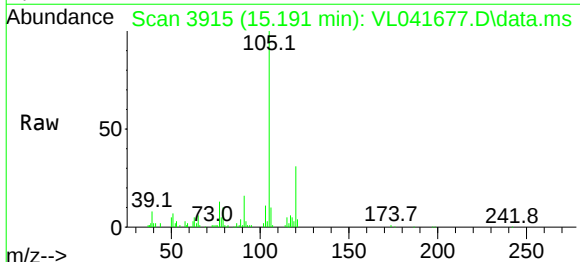
Manual Integrations
APPROVED

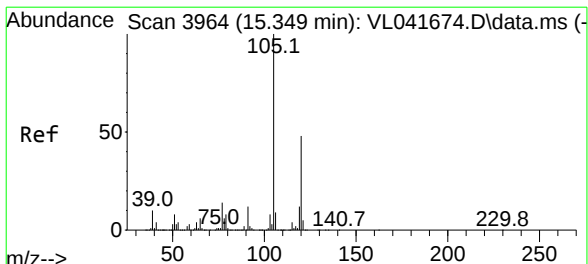
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#72
4-Ethyltoluene
Concen: 0.393 ppbv m
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

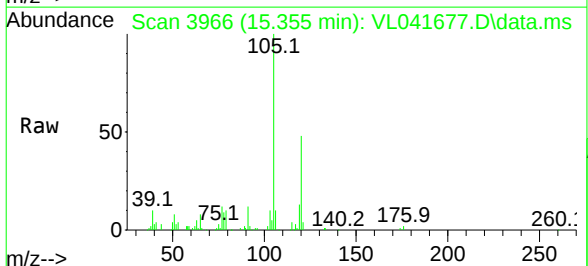
Tgt Ion:105 Resp: 125281
Ion Ratio Lower Upper
105 100
120 30.3 25.0 37.4
91 17.3 10.6 15.8#
77 15.4 11.1 16.7





#73
 1,3,5-Trimethylbenzene
 Concen: 0.412 ppbv m
 RT: 15.355 min Scan# 3966
 Delta R.T. 0.007 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Instrument : MSVOA_L
 ClientSampleId : VSTDIC0.5

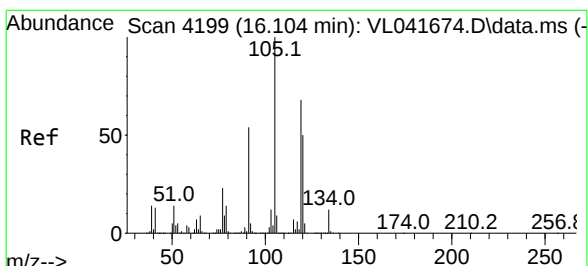
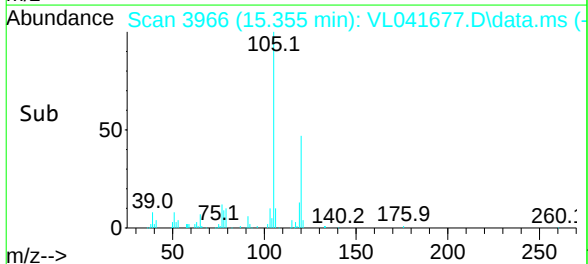
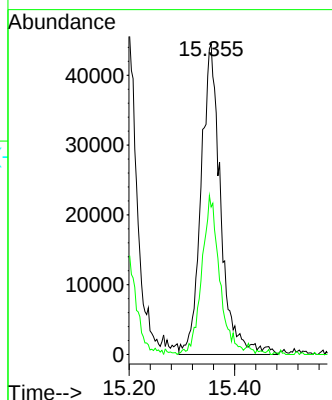


Tgt Ion:105 Resp: 115096

Ion	Ratio	Lower	Upper
105	100		
120	47.5	38.4	57.6

Manual Integrations
 APPROVED

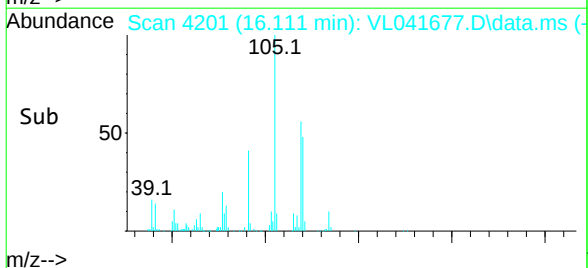
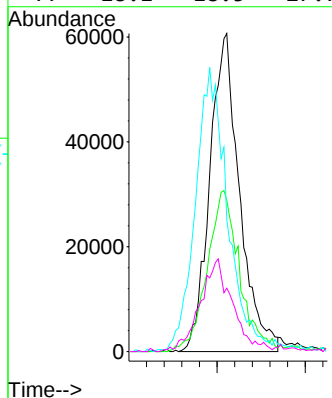
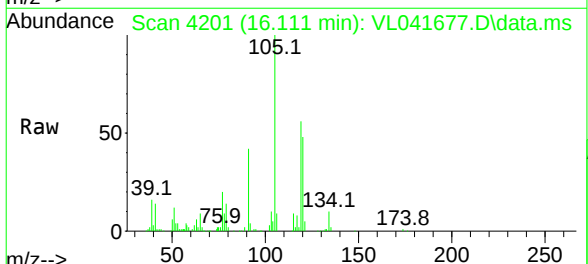
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

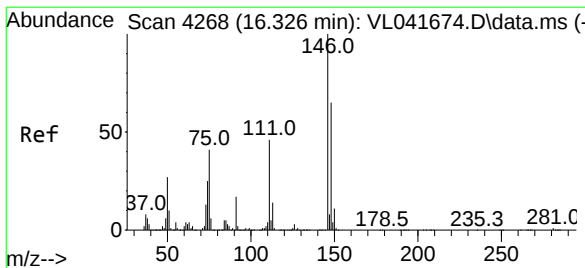


#74
 1,2,4-Trimethylbenzene
 Concen: 0.437 ppbv
 RT: 16.111 min Scan# 4201
 Delta R.T. 0.007 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Tgt Ion:105 Resp: 142178

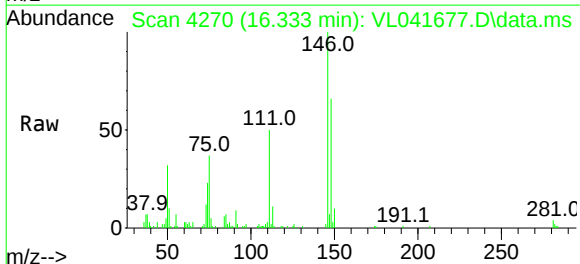
Ion	Ratio	Lower	Upper
105	100		
120	46.3	39.8	59.8
91	39.2	43.2	64.8#
77	18.1	18.5	27.7#





#75
1,3-Dichlorobenzene
Concen: 0.464 ppbv m
RT: 16.333 min Scan# 4268
Delta R.T. 0.007 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

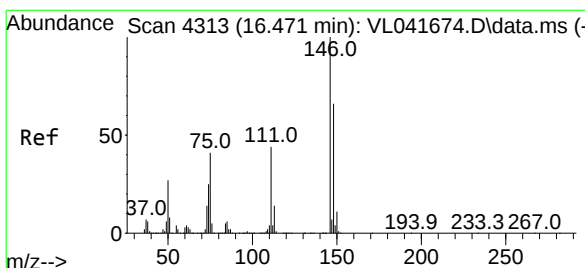
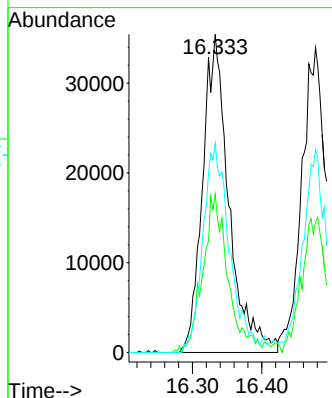
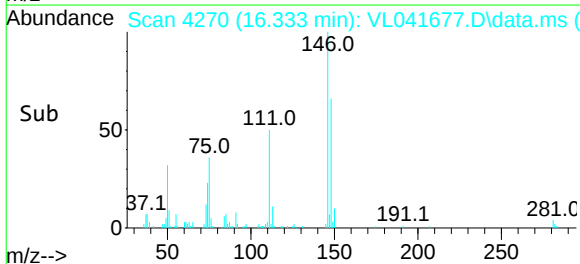
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:146 Resp: 93240
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.3#
148 0.0 32.4 97.0#

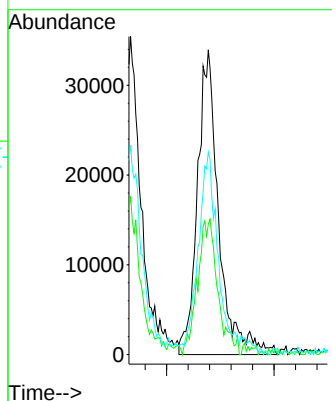
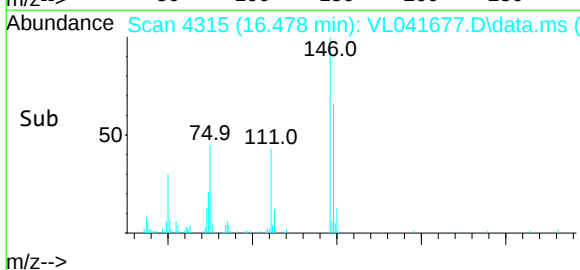
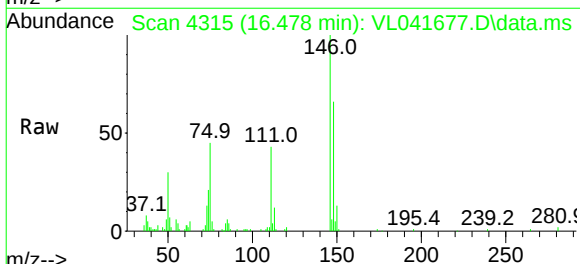
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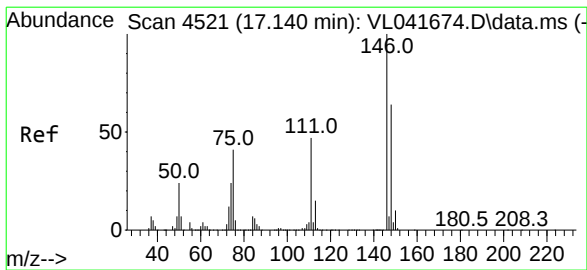
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#76
1,4-Dichlorobenzene
Concen: 0.473 ppbv m
RT: 16.478 min Scan# 4315
Delta R.T. 0.007 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion:146 Resp: 93341
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.3#
148 0.0 33.3 99.8#





#77

1,2-Dichlorobenzene

Concen: 0.468 ppbv

RT: 17.146 min Scan# 4521

Delta R.T. 0.007 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

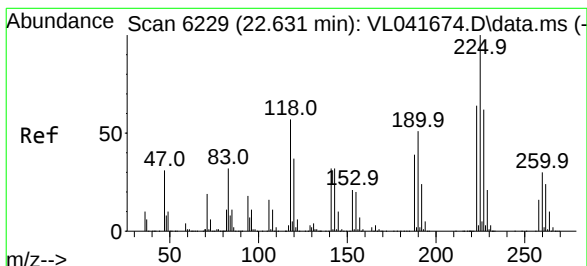
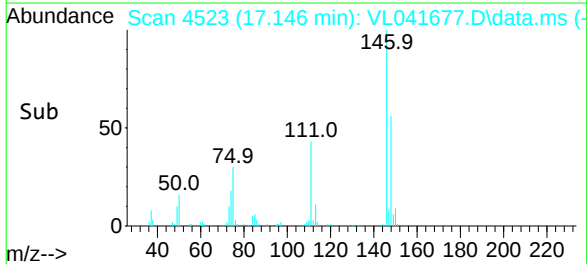
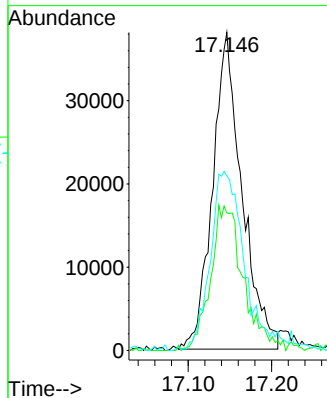
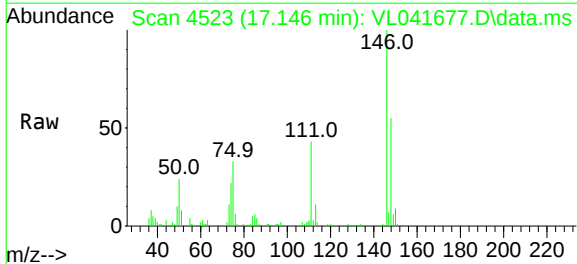
VSTDIC0.5

Tgt Ion:	146	Resp:	93228
Ion	Ratio	Lower	Upper
146	100		
111	52.2	23.4	70.3
148	67.8	32.1	96.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.570 ppbv m

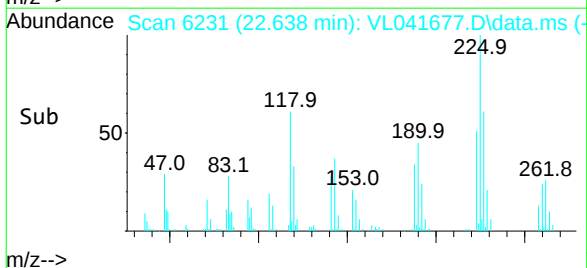
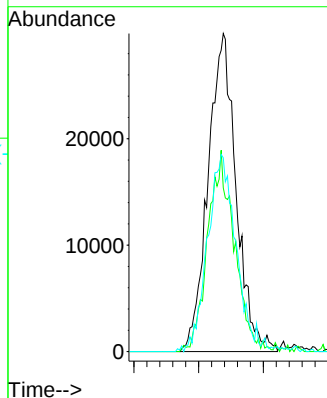
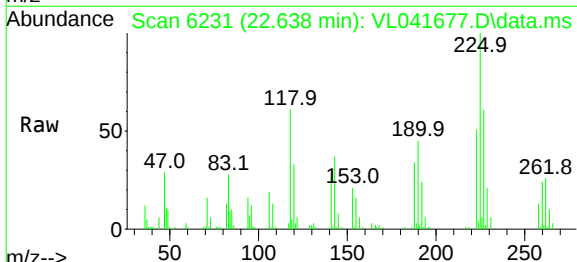
RT: 22.638 min Scan# 6231

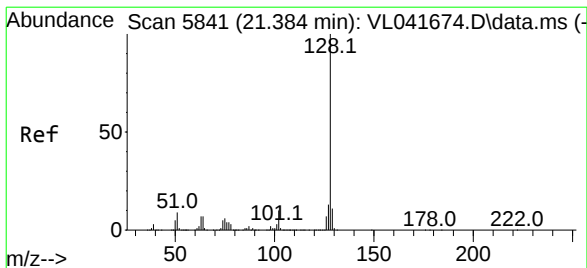
Delta R.T. 0.007 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion:	225	Resp:	89942
Ion	Ratio	Lower	Upper
225	100		
223	59.7	51.1	76.7
227	63.7	51.3	76.9





#79

Naphthalene

Concen: 0.382 ppbv m

RT: 21.397 min Scan# 5841

Delta R.T. 0.013 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

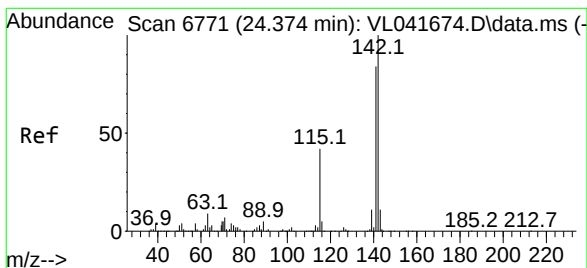
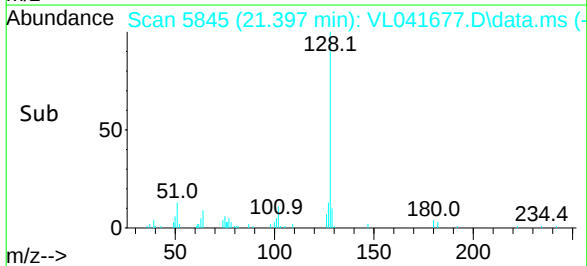
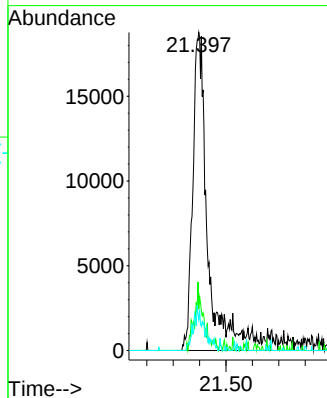
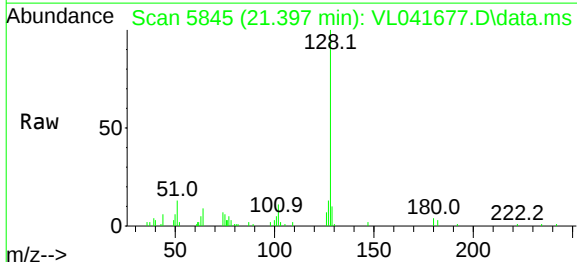
VSTDICC0.5

Tgt	Ion:128	Resp:	76368
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	9.6	8.7	13.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#80

Naphthalene,2-methyl-

Concen: 0.473 ppbv m

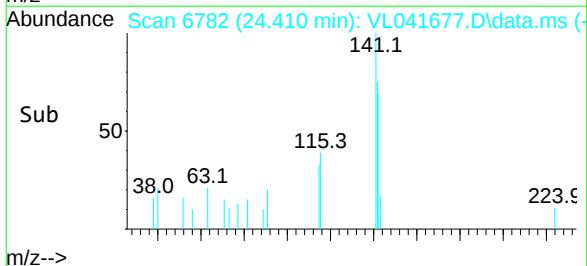
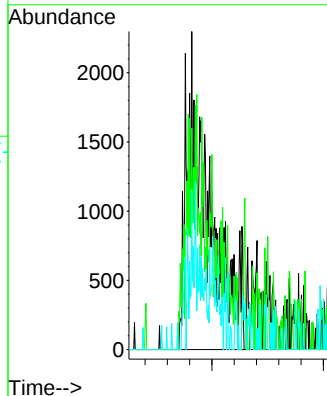
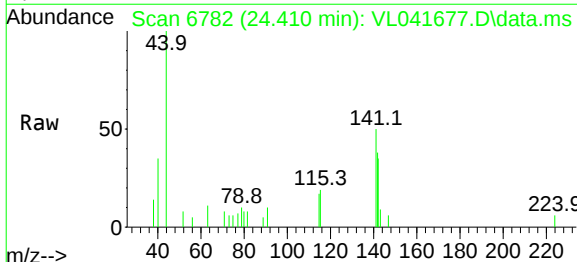
RT: 24.410 min Scan# 6782

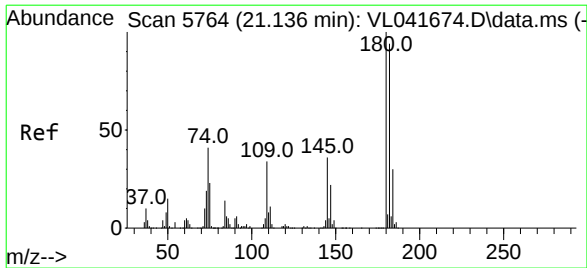
Delta R.T. 0.036 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

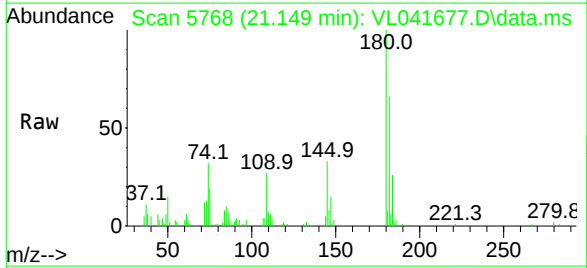
Tgt	Ion:142	Resp:	17526
Ion	Ratio	Lower	Upper
142	100		
141	31.2	68.1	102.1#
115	13.2	33.1	49.7#





#81
1,2,4-Trichlorobenzene
Concen: 0.424 ppbv m
RT: 21.149 min Scan# 5768
Delta R.T. 0.013 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:	180	Resp:	52746
Ion	Ratio	Lower	Upper
180	100		
182	87.8	78.2	117.2
184	0.0	25.0	37.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

