

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029487.D
 Acq On : 14 Jun 2022 23:53
 Operator : JC/MD
 Sample : N3248-20 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY9

Quant Time: Jun 15 07:16:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 07:14:08 2022
 Response via : Initial Calibration

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

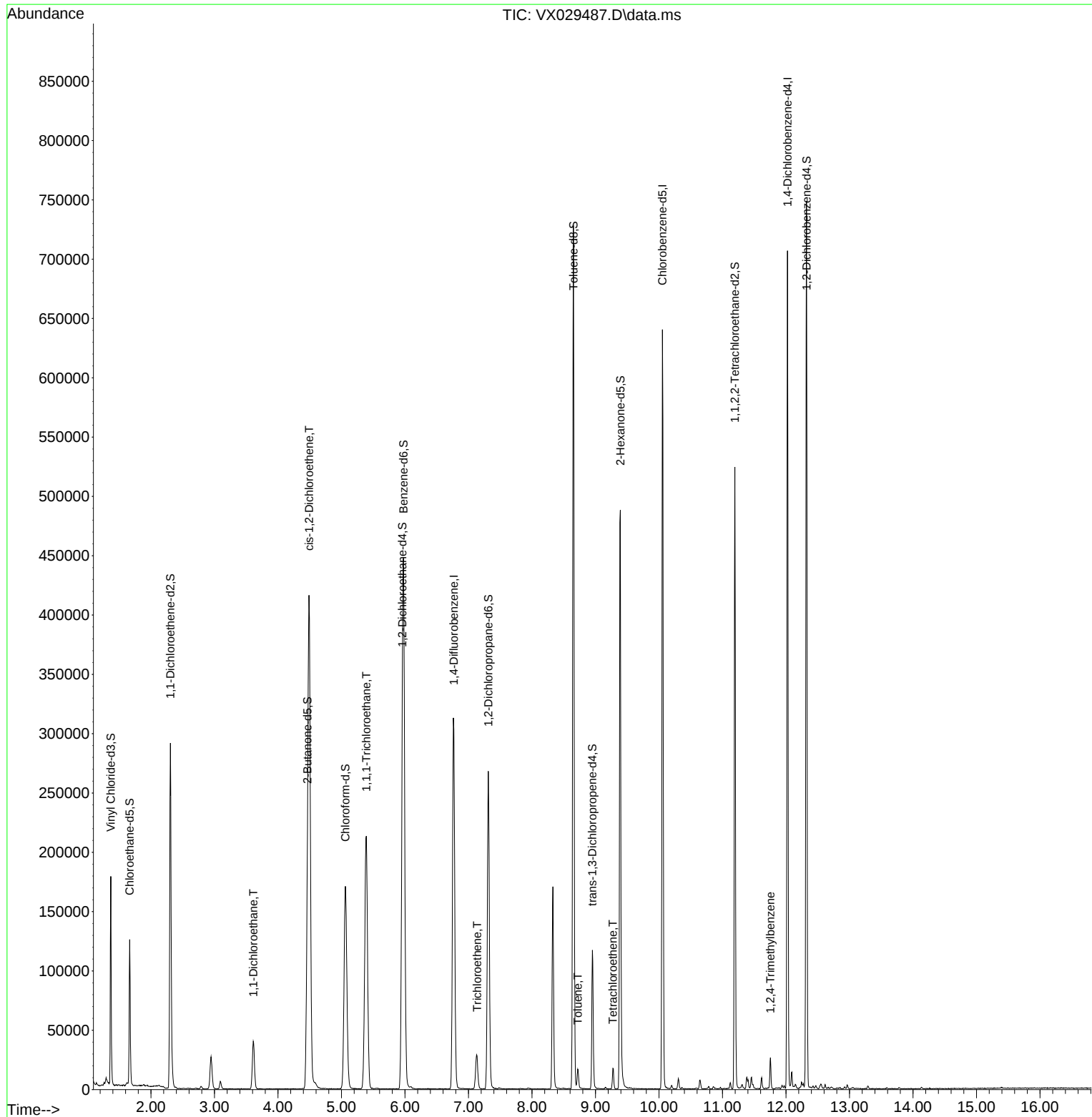
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	331861	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	296155	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	111817	43.518	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	87.040%	
7) Chloroethane-d5	1.666	69	80021	50.113	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.220%	
11) 1,1-Dichloroethene-d2	2.306	63	162038	35.001	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.000%	
21) 2-Butanone-d5	4.464	46	197767	101.515	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.520%	
24) Chloroform-d	5.062	84	225518	45.969	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.940%	
26) 1,2-Dichloroethane-d4	5.958	65	145978	46.023	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.040%	
32) Benzene-d6	5.976	84	466140	50.390	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.780%	
36) 1,2-Dichloropropane-d6	7.311	67	139306	51.415	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.820%	
41) Toluene-d8	8.652	98	419529	48.104	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	8.951	79	56785	42.503	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.000%	
47) 2-Hexanone-d5	9.390	63	152013	103.730	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	103.730%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	199166	50.131	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	100.260%	
66) 1,2-Dichlorobenzene-d4	12.323	152	147365	49.684	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.360%	
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.611	63	44691	10.499	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	243630	89.446	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	217966	53.068	ug/L	98
34) Trichloroethene	7.134	95	10883	3.189	ug/L	94
42) Toluene	8.720	91	10964	1.039	ug/L	86
46) Tetrachloroethene	9.274	164	3445	1.758	ug/L	93
63) 1,2,4-Trimethylbenzene	11.756	105	10700	1.132	ug/L	96

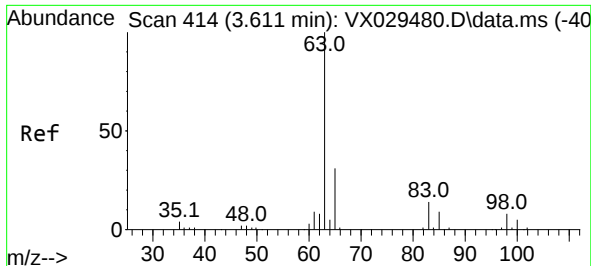
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 07:16:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 15 07:14:08 2022
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 10.499 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

EXYY9

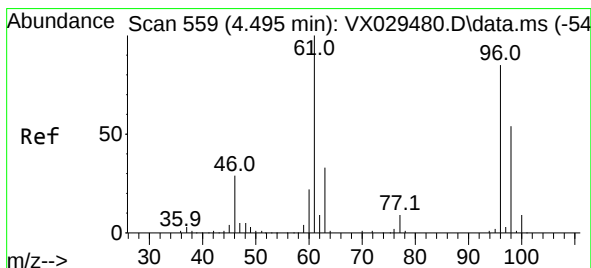
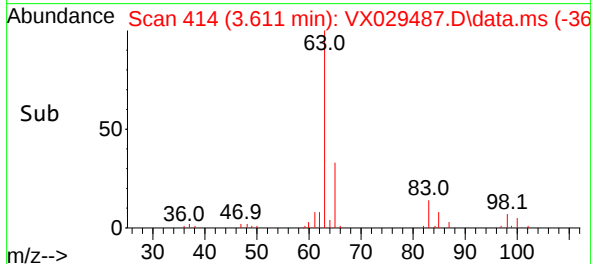
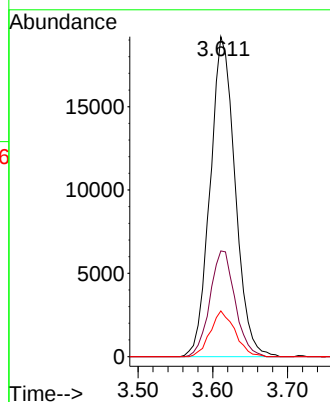
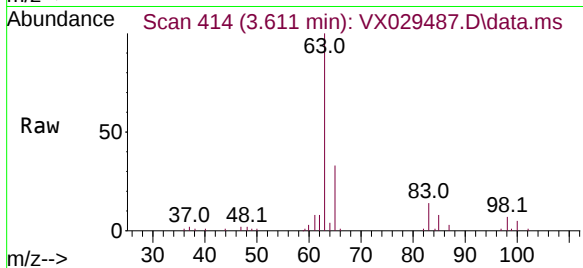
Tgt Ion: 63 Resp: 44691

Ion Ratio Lower Upper

63 100

65 33.0 22.9 42.5

83 14.3 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 89.446 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

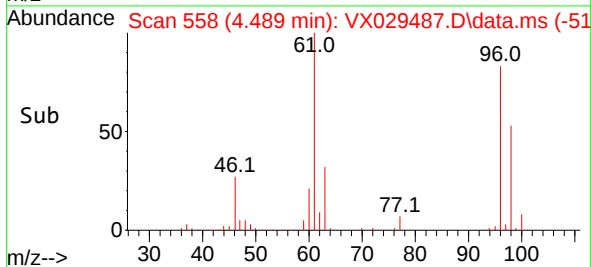
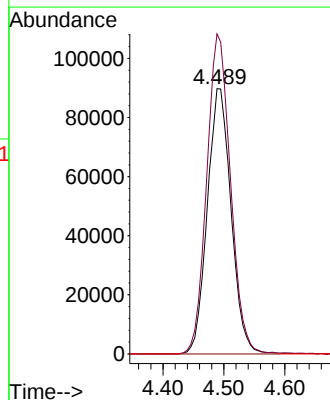
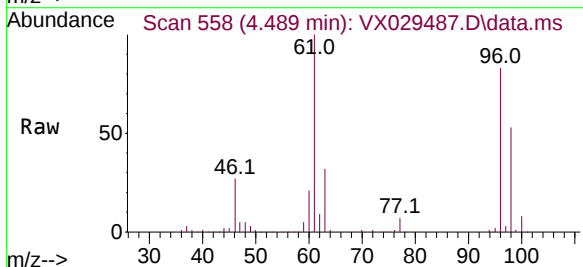
Tgt Ion: 96 Resp: 243630

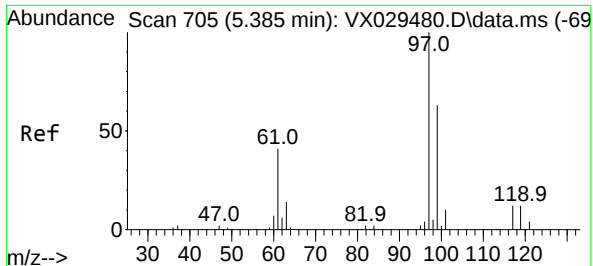
Ion Ratio Lower Upper

96 100

61 120.7 86.7 161.1

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 53.068 ug/L

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

EXYY9

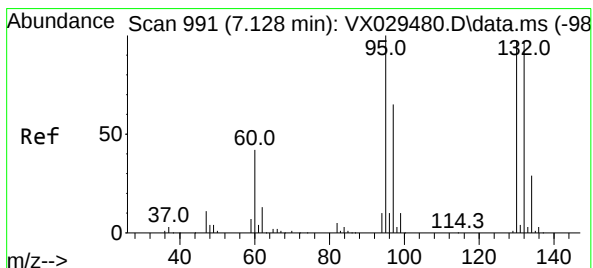
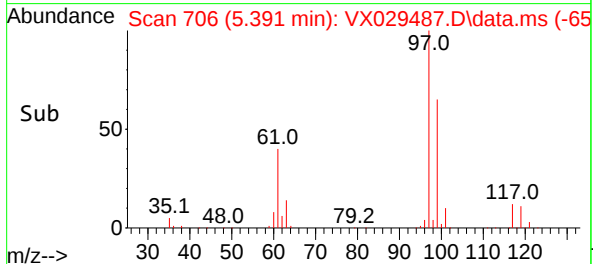
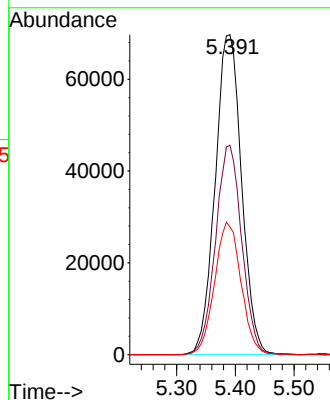
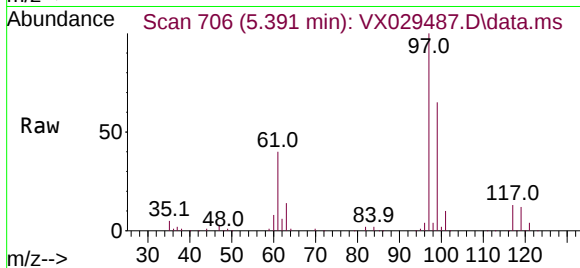
Tgt Ion: 97 Resp: 217966

Ion Ratio Lower Upper

97 100

99 64.9 51.5 77.3

61 41.4 35.2 52.8



#34

Trichloroethene

Concen: 3.189 ug/L

RT: 7.134 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Tgt Ion: 95 Resp: 10883

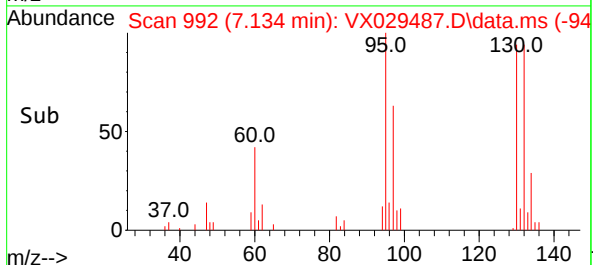
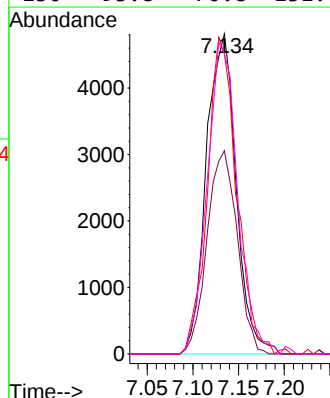
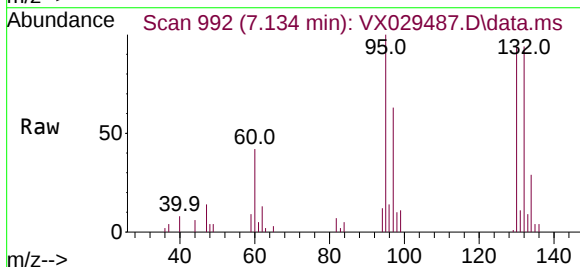
Ion Ratio Lower Upper

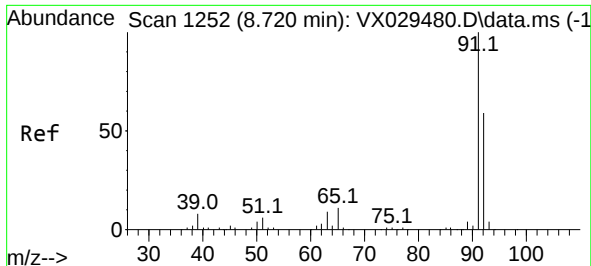
95 100

97 63.5 45.5 84.5

132 93.8 69.9 129.7

130 93.8 70.8 131.6





#42

Toluene

Concen: 1.039 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

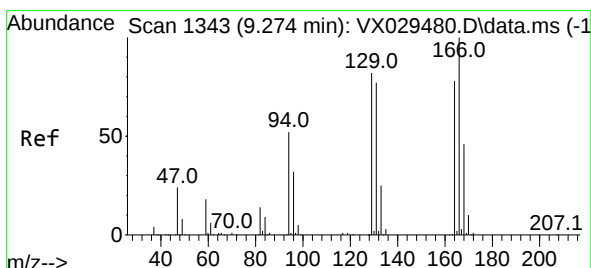
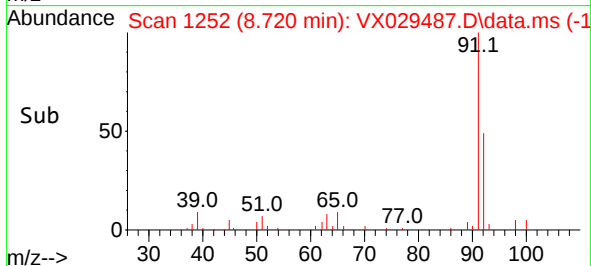
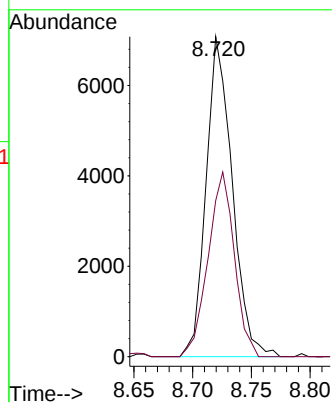
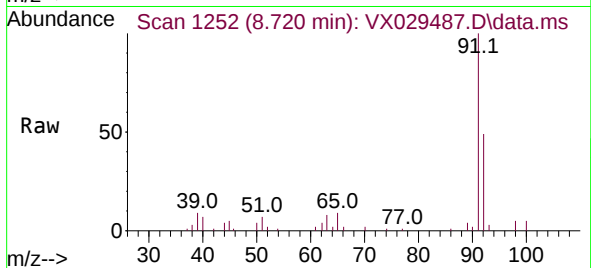
EXYY9

Tgt Ion: 91 Resp: 10964

Ion Ratio Lower Upper

91 100

92 48.8 41.5 77.1



#46

Tetrachloroethene

Concen: 1.758 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Tgt Ion: 164 Resp: 3445

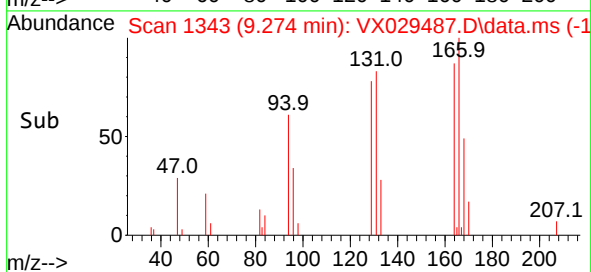
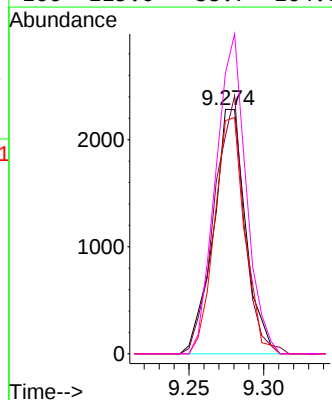
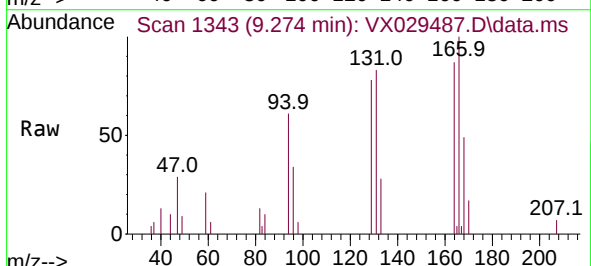
Ion Ratio Lower Upper

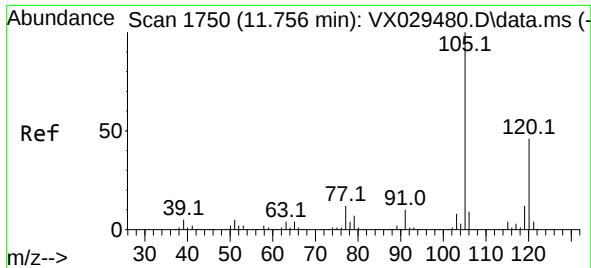
164 100

129 89.2 65.5 121.7

131 95.4 64.3 119.3

166 115.0 88.7 164.7





#63
 1,2,4-Trimethylbenzene
 Concen: 1.132 ug/L
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029487.D
 Acq: 14 Jun 2022 23:53

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY9

Tgt Ion:105 Resp: 10700
 Ion Ratio Lower Upper
 105 100
 120 42.6 36.1 54.1

