

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020740.D
 Acq On : 27 Dec 2024 15:34
 Operator : SY/MD
 Sample : P5386-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-24-00398

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M

Title : SW846 8260

Signal : TIC: VY020740.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.872	342	353	381	rBV	644711	1818580	5.29%	1.256%
2	8.054	1029	1039	1056	rBV2	597327	1374344	4.00%	0.949%
3	8.615	1123	1131	1142	rVB	187089	368992	1.07%	0.255%
4	10.109	1367	1376	1380	rBV	296193	497121	1.45%	0.343%
5	10.170	1380	1386	1400	rVB	3053562	5309782	15.44%	3.666%
6	10.859	1492	1499	1507	rBV	312079	506005	1.47%	0.349%
7	11.420	1581	1591	1599	rBV	256367	426633	1.24%	0.295%
8	11.523	1600	1608	1617	rBV	553098	863411	2.51%	0.596%
9	11.627	1617	1625	1639	rBV	3373596	5797281	16.86%	4.002%
10	11.956	1671	1679	1688	rBV	8329021	12627385	36.73%	8.718%
11	12.255	1721	1728	1736	rBV	1144203	1739215	5.06%	1.201%
12	12.596	1777	1784	1789	rBV	3890096	5748494	16.72%	3.969%
13	12.663	1789	1795	1798	rVV	13562149	20452785	59.49%	14.120%
14	12.694	1798	1800	1804	rVV	5901260	8039379	23.38%	5.550%
15	12.743	1804	1808	1819	rVB	5543224	8066293	23.46%	5.569%
16	12.901	1827	1834	1842	rVB	5726382	8761914	25.48%	6.049%
17	13.047	1847	1858	1871	rBV	22566301	34380981	100.00%	23.736%
18	13.169	1871	1878	1885	rBV3	2732374	4538199	13.20%	3.133%
19	13.243	1885	1890	1894	rBV	563352	1003581	2.92%	0.693%
20	13.297	1894	1899	1904	rVB	2222404	3303562	9.61%	2.281%
21	13.383	1904	1913	1917	rBV	4896561	8210664	23.88%	5.669%
22	13.517	1929	1935	1937	rBV	1282267	1818361	5.29%	1.255%
23	13.547	1937	1940	1944	rVV	2229472	3510258	10.21%	2.423%
24	13.590	1944	1947	1957	rVB2	1105622	2050856	5.97%	1.416%
25	13.749	1966	1973	1977	rBV2	284830	470761	1.37%	0.325%
26	13.803	1977	1982	1986	rVV3	743717	1282116	3.73%	0.885%
27	13.840	1986	1988	1992	rVV	292863	344986	1.00%	0.238%
28	13.895	1992	1997	2002	rVB	494052	701758	2.04%	0.484%
29	14.498	2089	2096	2100	rBV3	183961	353714	1.03%	0.244%
30	15.047	2181	2186	2190	rBV	319840	478907	1.39%	0.331%

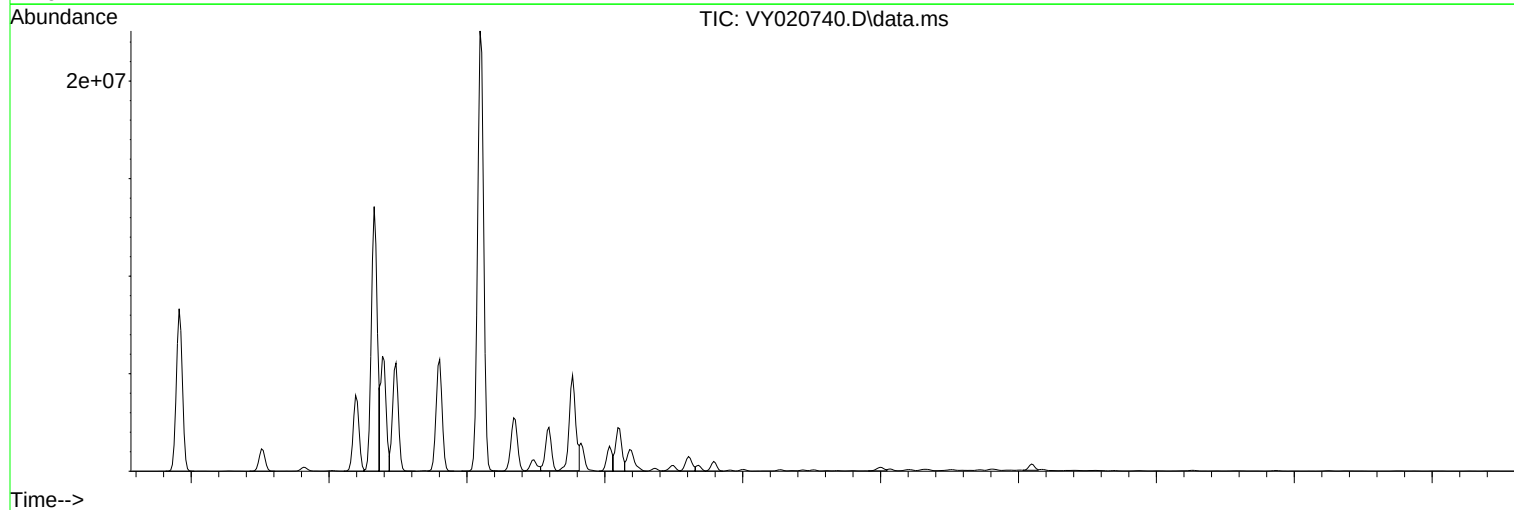
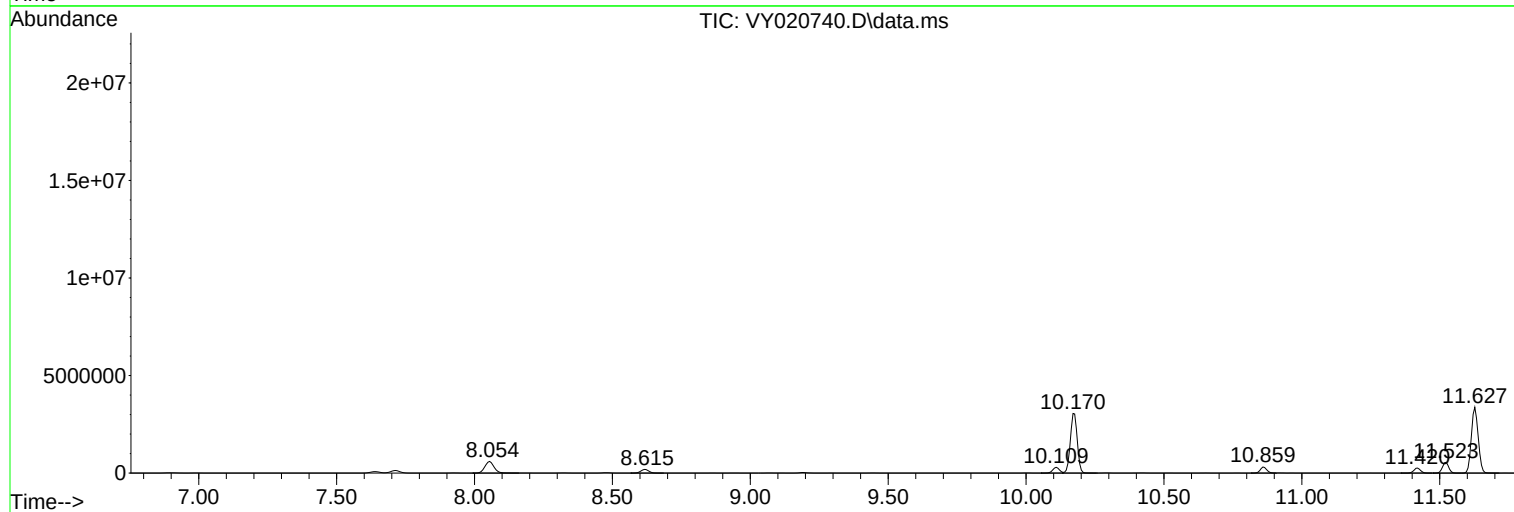
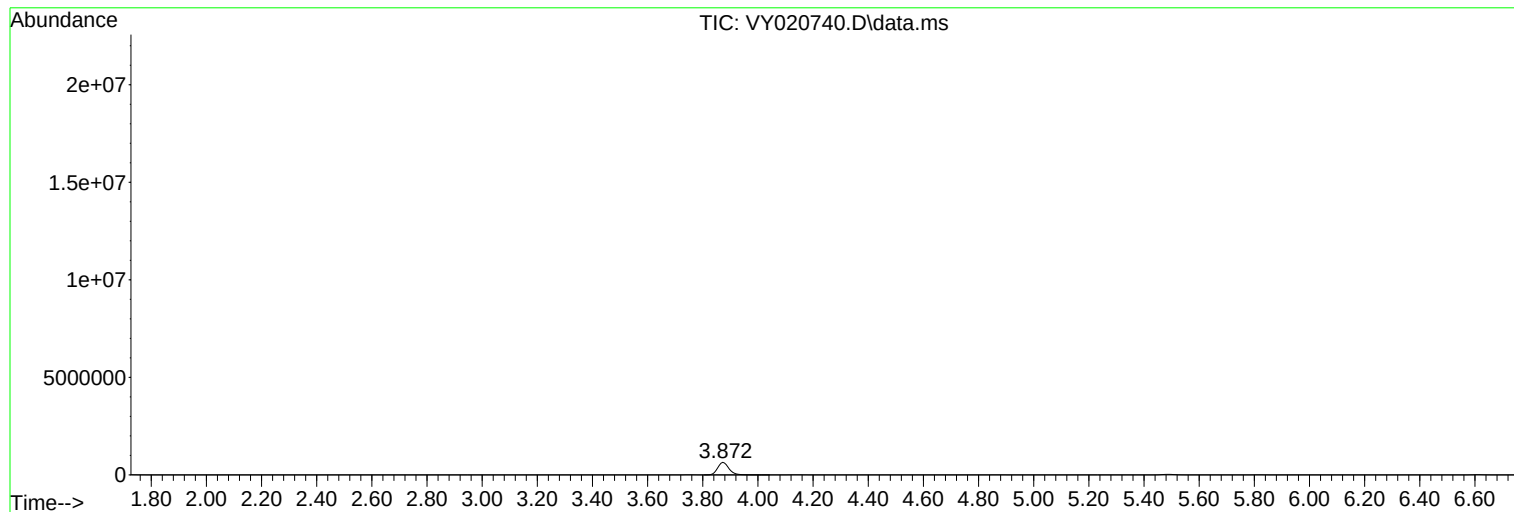
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ClientSampleId :
MOO-24-00398

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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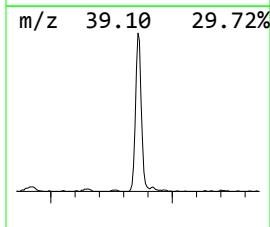
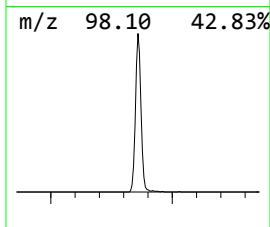
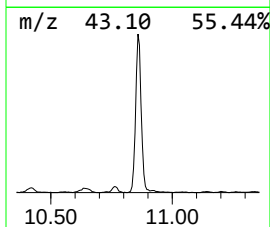
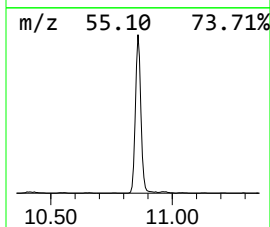
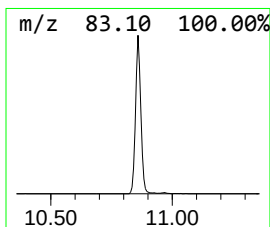
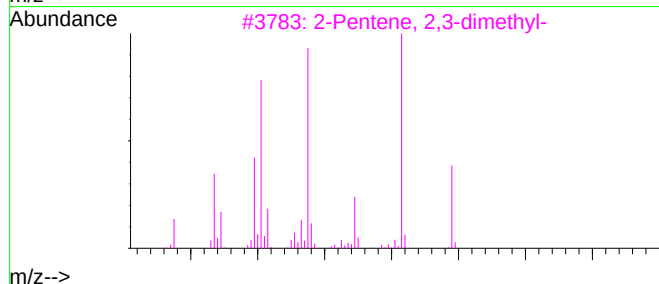
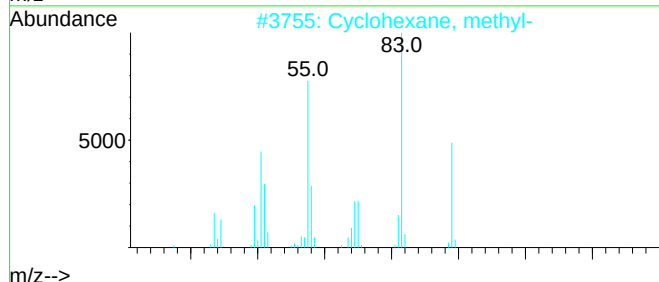
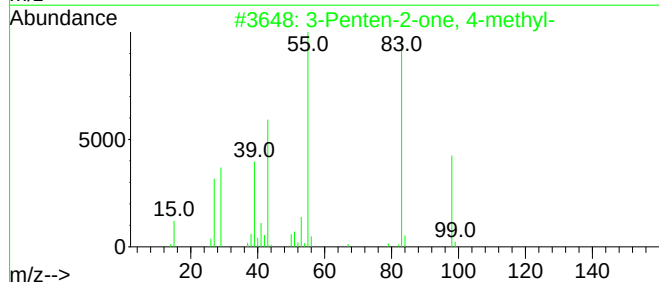
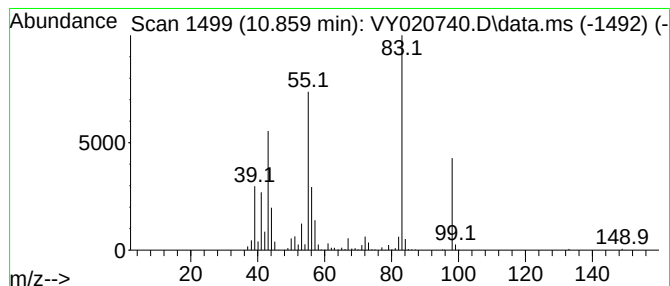
Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00398

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.859	59.30 ug/l	506005	Chlorobenzene-d5	11.420	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	76
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	72
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	59
4	3-Hexen-2-one	98	C6H10O	000763-93-9	58
5	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	53



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

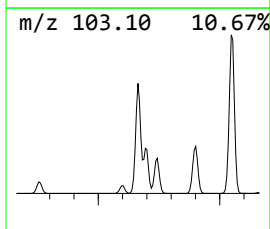
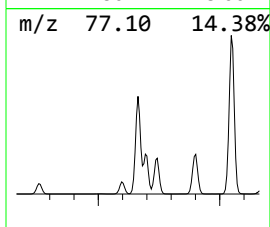
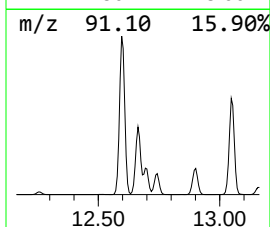
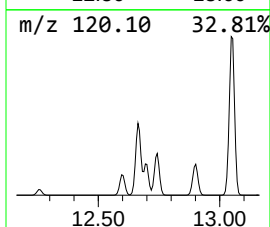
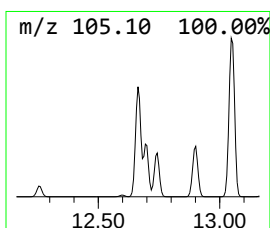
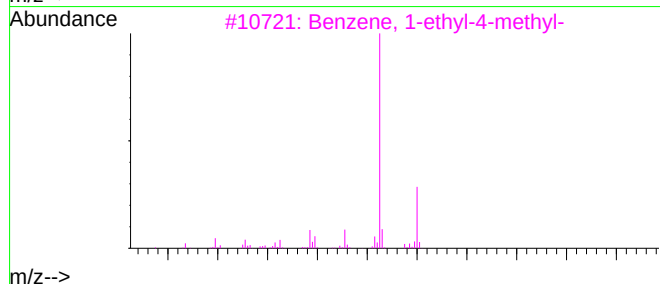
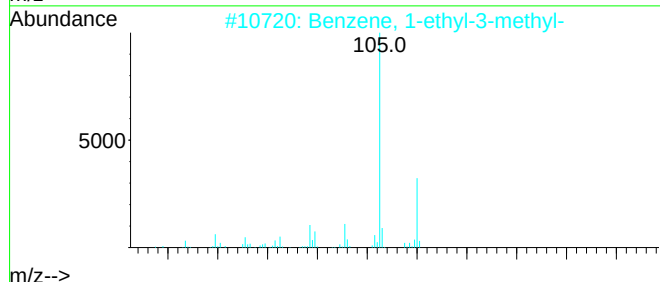
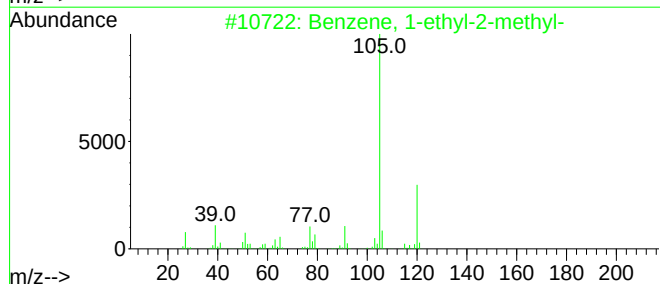
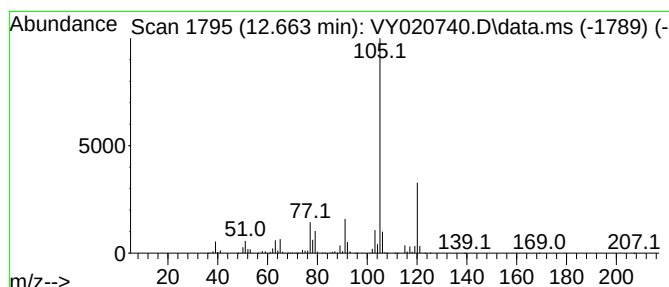
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	124.55 ug/l	20452800	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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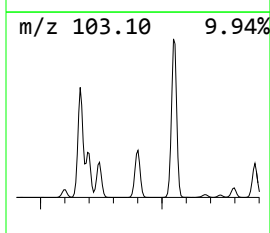
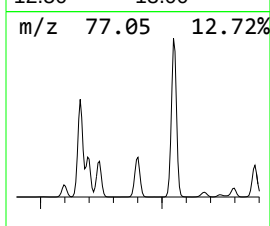
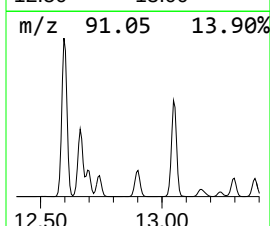
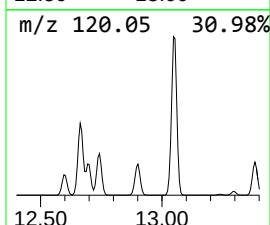
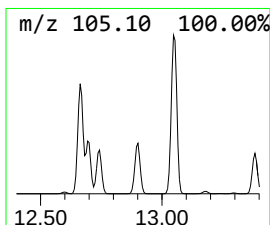
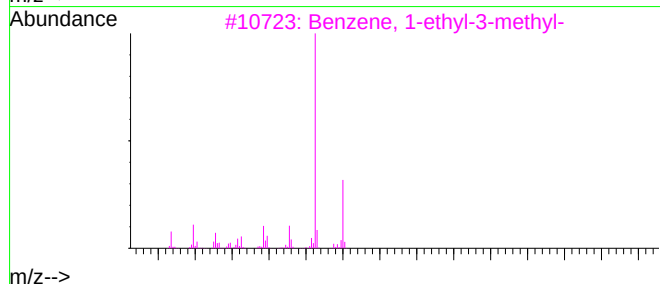
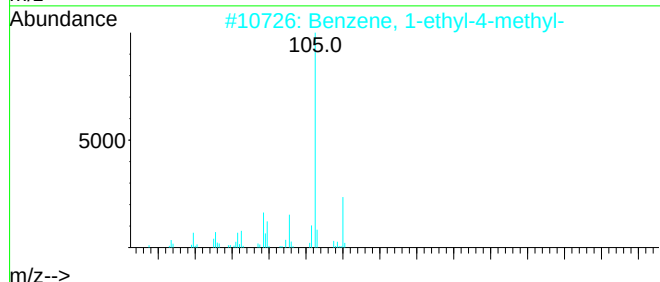
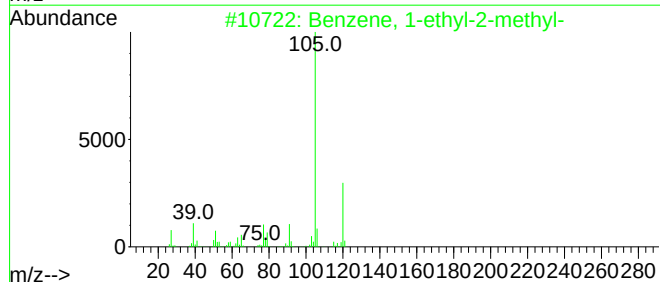
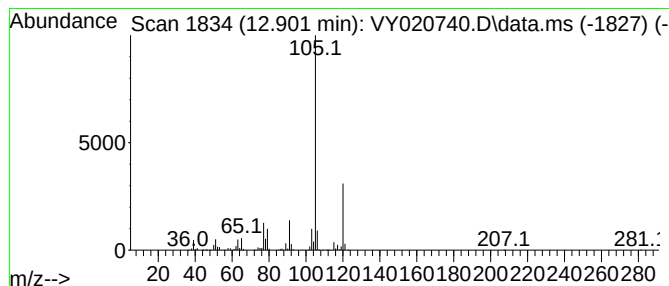
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.901	53.36 ug/l	8761910	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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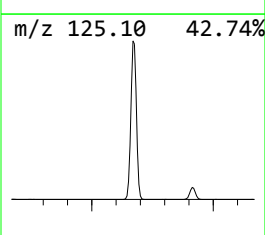
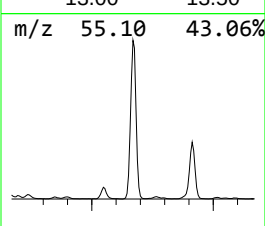
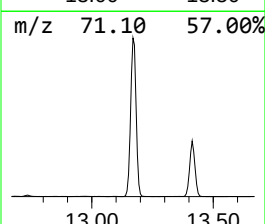
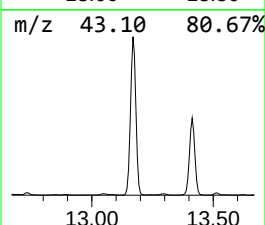
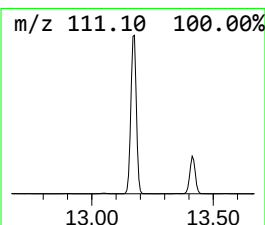
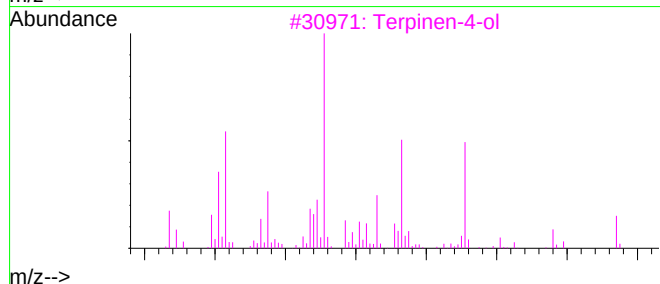
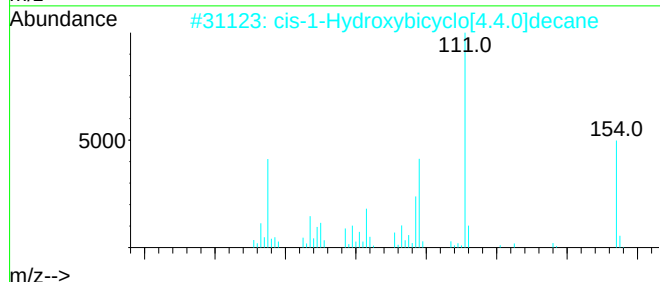
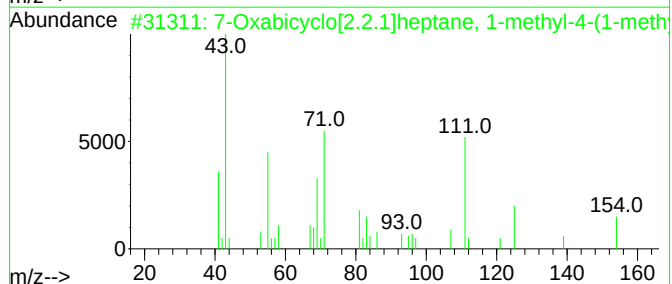
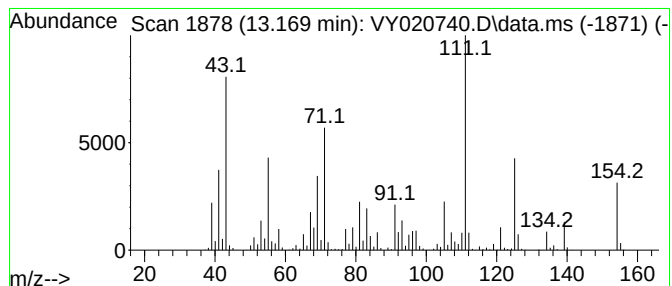
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TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.169	27.64 ug/l	4538200	1,4-Dichlorobenzene-d4	13.352	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	90
2	cis-1-Hydroxybicyclo[4.4.0]decane	154	C10H18O	003574-58-1	46
3	Terpinen-4-ol	154	C10H18O	000562-74-3	43
4	2(5H)-Furanone, 3,5,5-trimethyl-	126	C7H10O2	050598-50-0	42
5	Octahydronaphthalen-4a-ol	154	C10H18O	055693-34-0	41



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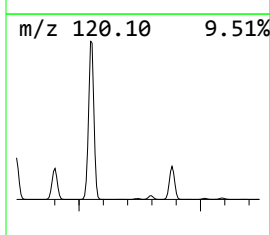
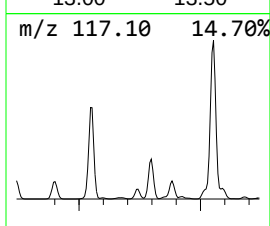
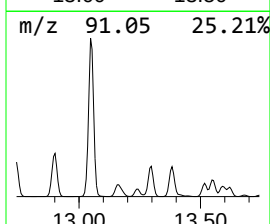
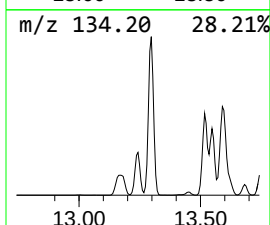
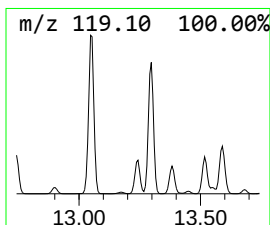
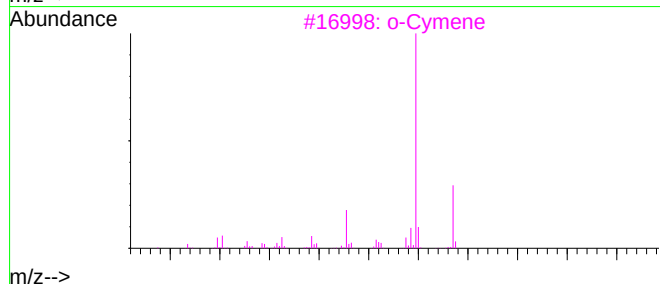
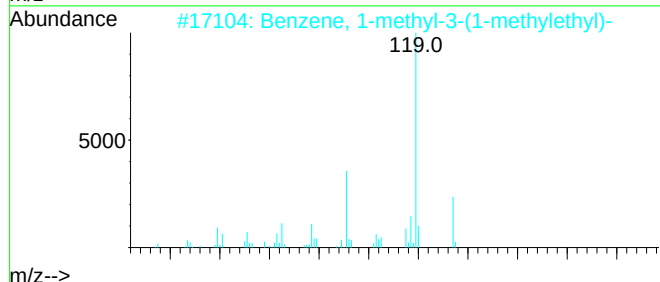
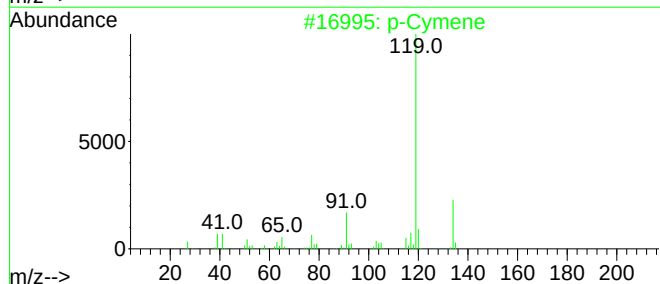
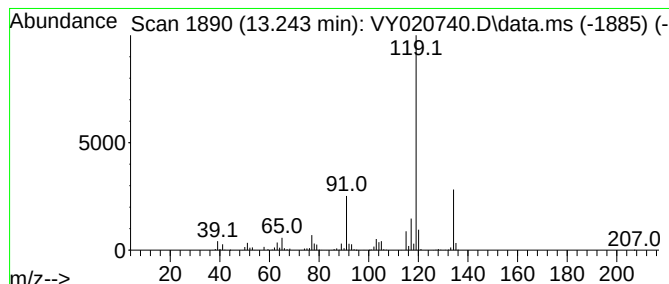
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.243	6.11 ug/l	1003580	1,4-Dichlorobenzene-d4	13.352	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



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MOO-24-00398

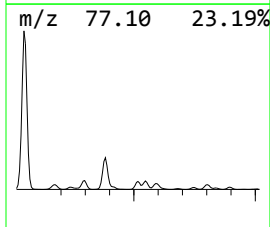
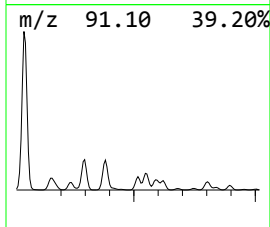
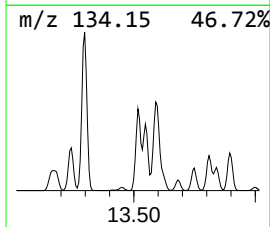
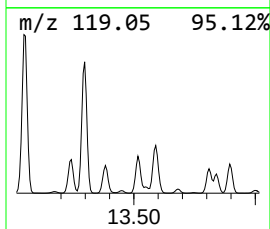
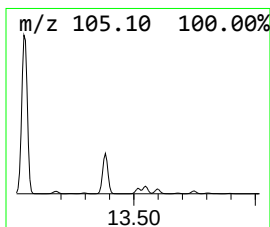
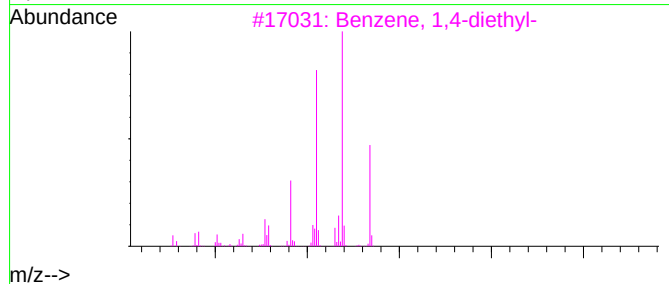
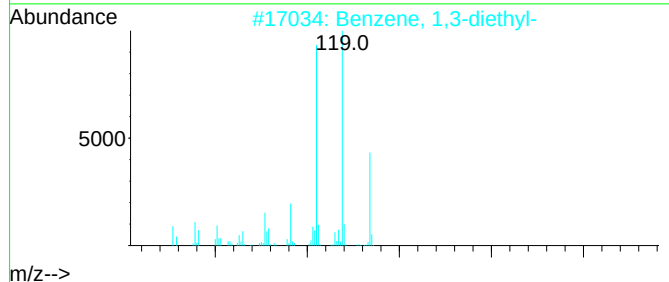
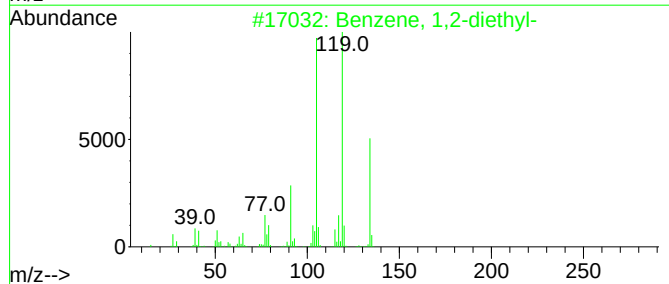
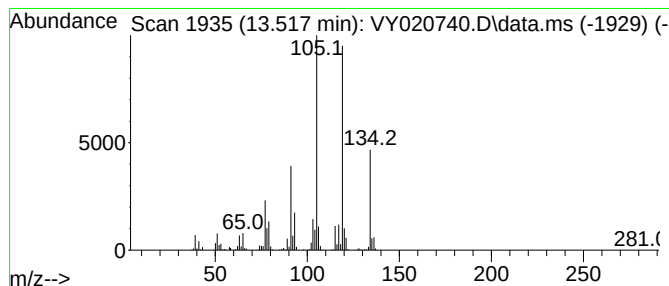
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.517	11.07 ug/l	1818360	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
Data File : VY020740.D
Acq On : 27 Dec 2024 15:34
Operator : SY/MD
Sample : P5386-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00398

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

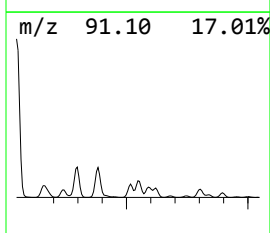
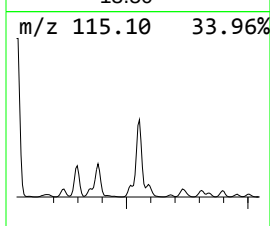
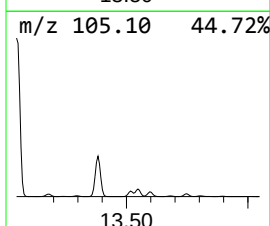
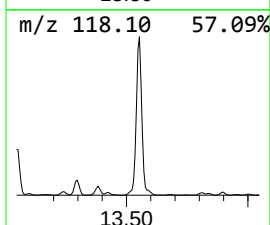
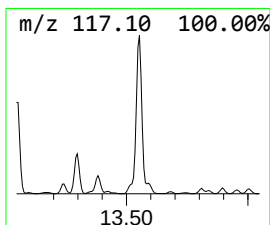
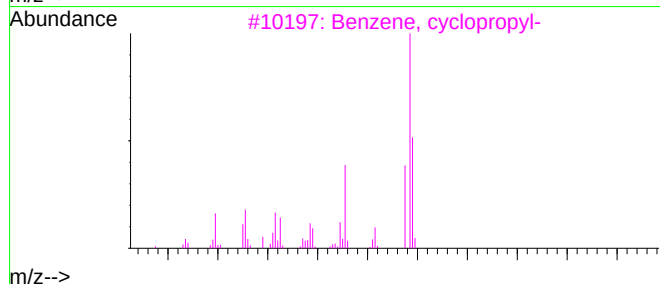
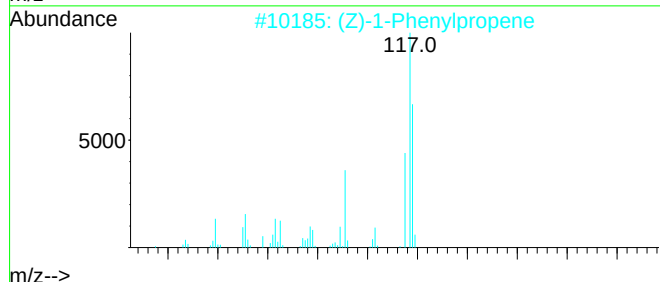
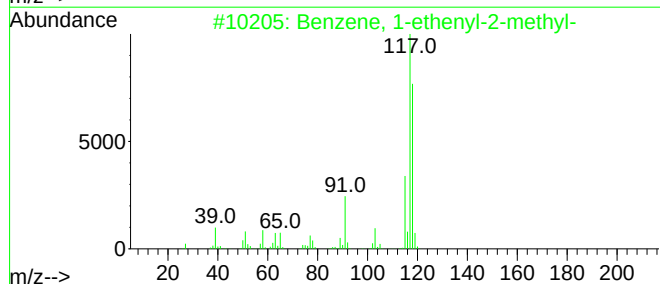
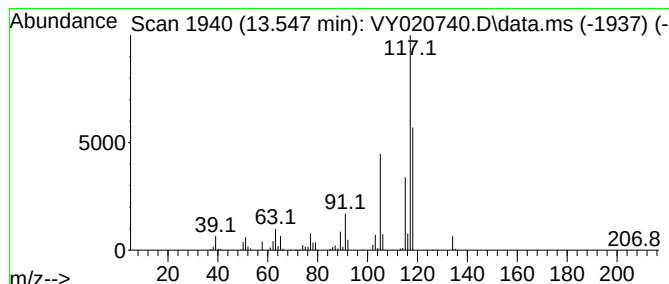
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.547	21.38 ug/l	3510260	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5	Indane	118	C9H10	000496-11-7	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
Data File : VY020740.D
Acq On : 27 Dec 2024 15:34
Operator : SY/MD
Sample : P5386-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00398

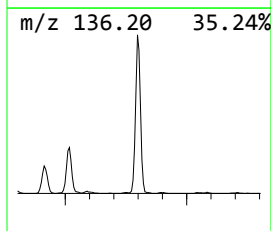
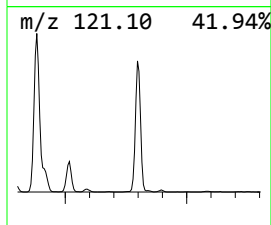
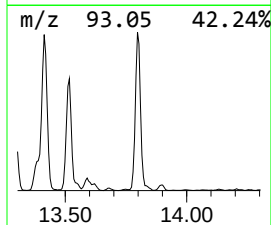
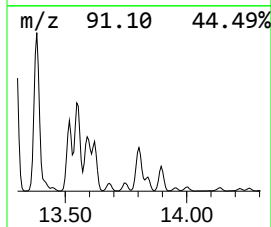
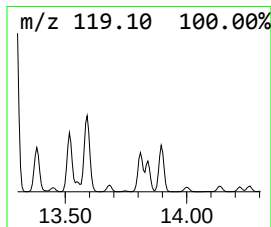
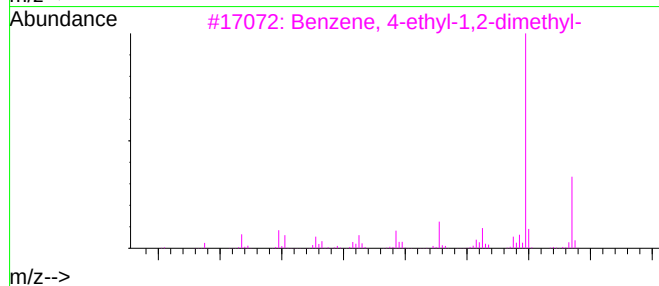
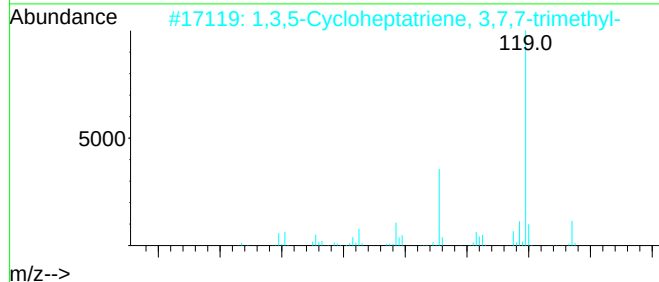
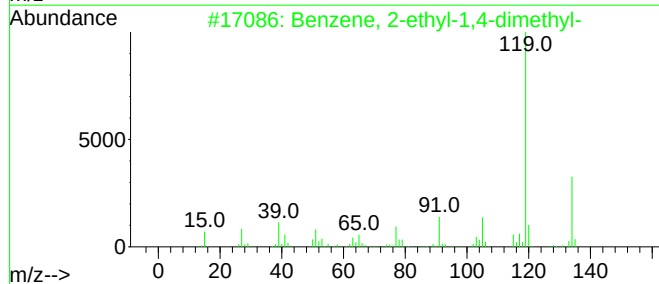
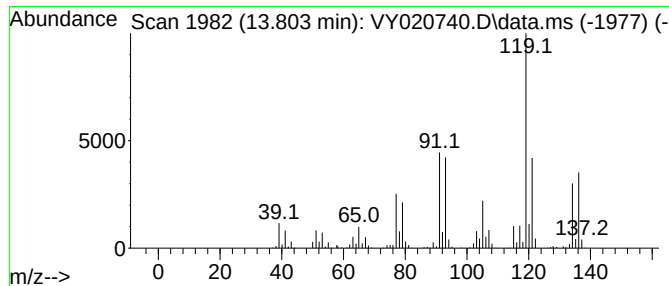
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.803	7.81 ug/l	1282120	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	89
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
Data File : VY020740.D
Acq On : 27 Dec 2024 15:34
Operator : SY/MD
Sample : P5386-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00398

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one,...	10.859	59.3	ug/l	506005	3	11.420	426633	50.0
Benzene, 1-ethy...	12.663	124.6	ug/l	20452800	4	13.352	8210660	50.0
Benzene, 1-ethy...	12.901	53.4	ug/l	8761910	4	13.352	8210660	50.0
7-Oxabicyclo[2....	13.169	27.6	ug/l	4538200	4	13.352	8210660	50.0
p-Cymene	13.243	6.1	ug/l	1003580	4	13.352	8210660	50.0
Benzene, 1,2-di...	13.517	11.1	ug/l	1818360	4	13.352	8210660	50.0
Benzene, 1-ethe...	13.547	21.4	ug/l	3510260	4	13.352	8210660	50.0
Benzene, 2-ethy...	13.803	7.8	ug/l	1282120	4	13.352	8210660	50.0