

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017960.D
 Acq On : 17 Apr 2024 14:09
 Operator : SY/MD
 Sample : P2124-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-131-SB01

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\82Y041624S.M
 Title : SW846 8260

Signal : TIC: VY017960.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.704	463	473	486	rVB2	11200	35238	10.49%	4.067%
2	5.741	632	643	653	rBV3	3498	11242	3.35%	1.298%
3	7.716	958	967	973	rBV	11412	27685	8.24%	3.195%
4	7.783	973	978	988	rVB2	17780	38434	11.45%	4.436%
5	8.137	1027	1036	1046	rBV2	9134	21685	6.46%	2.503%
6	8.685	1118	1126	1135	rBV2	24510	49895	14.86%	5.759%
7	10.179	1365	1371	1383	rBV	33557	59599	17.75%	6.879%
8	11.490	1580	1586	1593	rBV	29405	47409	14.12%	5.472%
9	11.715	1618	1623	1628	rBV2	1895	3609	1.07%	0.417%
10	12.337	1716	1725	1734	rBV	203884	335802	100.00%	38.758%
11	12.483	1743	1749	1755	rBV2	18729	30821	9.18%	3.557%
12	12.581	1761	1765	1771	rVB3	13886	22604	6.73%	2.609%
13	12.813	1799	1803	1810	rVB5	1893	3420	1.02%	0.395%
14	12.892	1810	1816	1823	rBV3	10163	17403	5.18%	2.009%
15	13.343	1883	1890	1899	rBV3	22594	41800	12.45%	4.825%
16	13.428	1899	1904	1914	rVB3	14881	28191	8.40%	3.254%
17	13.666	1938	1943	1951	rVB6	4052	9413	2.80%	1.086%
18	13.879	1973	1978	1982	rBV6	3892	7513	2.24%	0.867%
19	13.916	1982	1984	1988	rVV3	3267	3958	1.18%	0.457%
20	13.971	1988	1993	1998	rVB3	6417	9512	2.83%	1.098%
21	14.081	2006	2011	2016	rBV4	4024	6739	2.01%	0.778%
22	14.221	2027	2034	2037	rBV6	2461	4062	1.21%	0.469%
23	14.294	2042	2046	2049	rVV	4847	6799	2.02%	0.785%
24	14.331	2049	2052	2057	rVV2	7573	11475	3.42%	1.324%
25	14.568	2086	2091	2096	rBV5	3283	5330	1.59%	0.615%
26	14.684	2104	2110	2116	rBV5	7502	15830	4.71%	1.827%
27	16.287	2370	2373	2378	rVB4	2588	4233	1.26%	0.489%
28	16.489	2400	2406	2412	rVB6	2775	6695	1.99%	0.773%

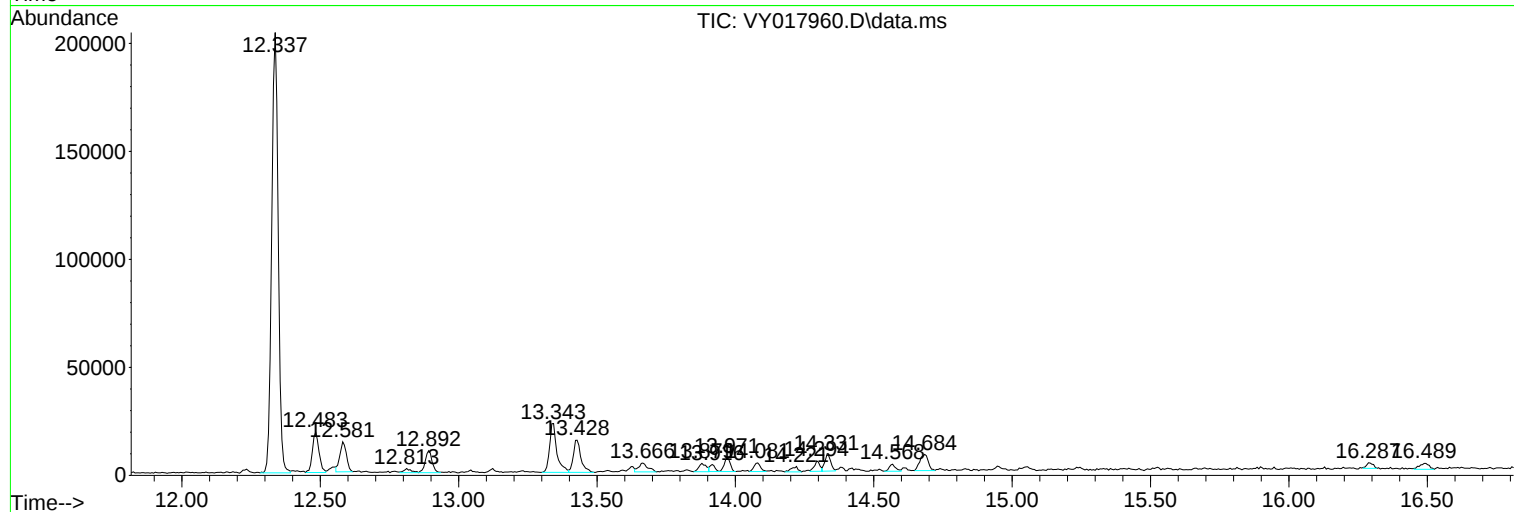
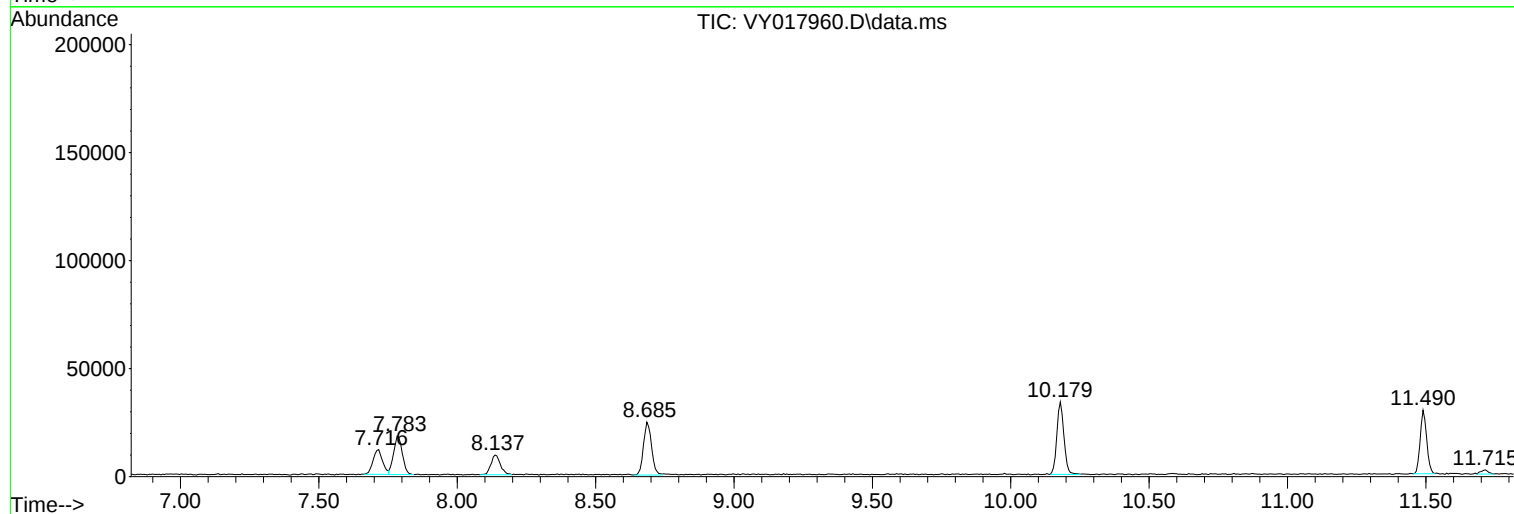
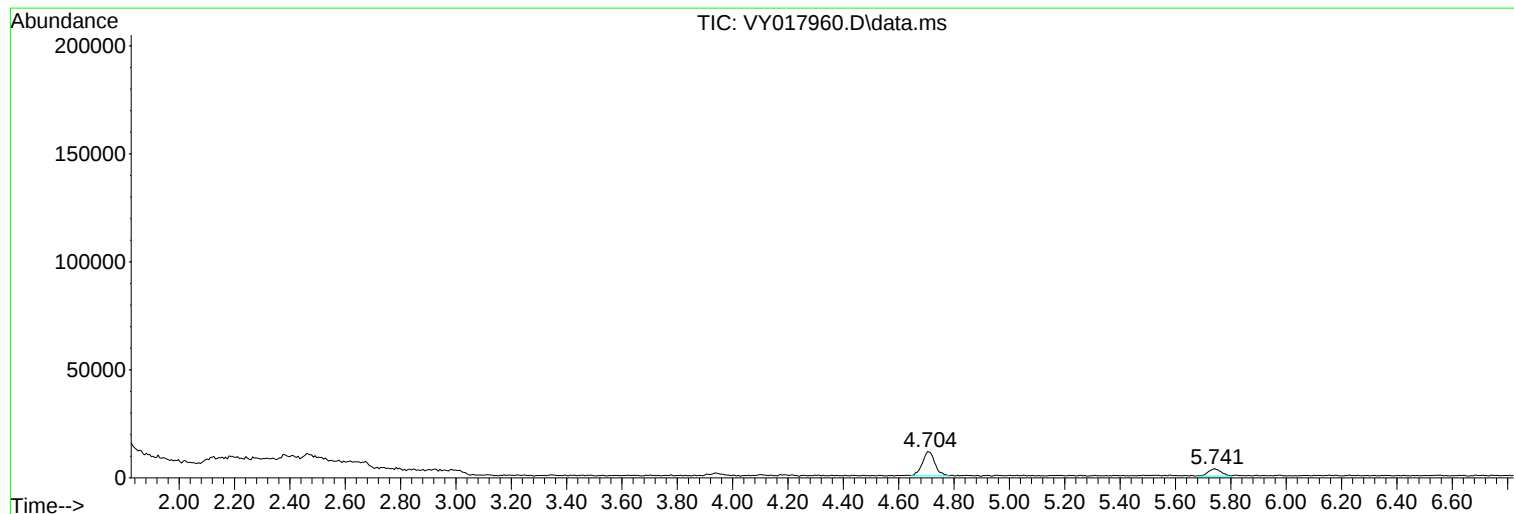
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ClientSampleId :
B-131-SB01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

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



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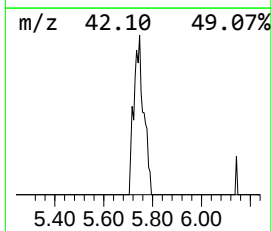
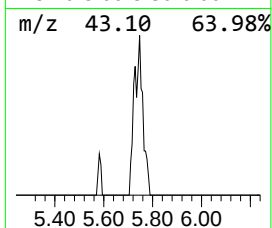
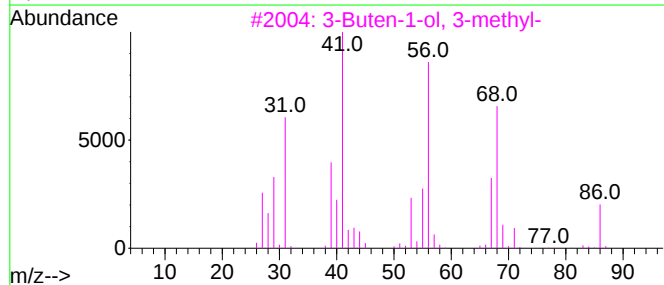
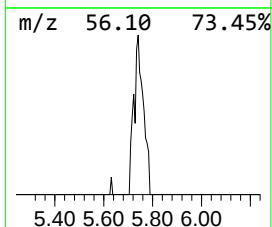
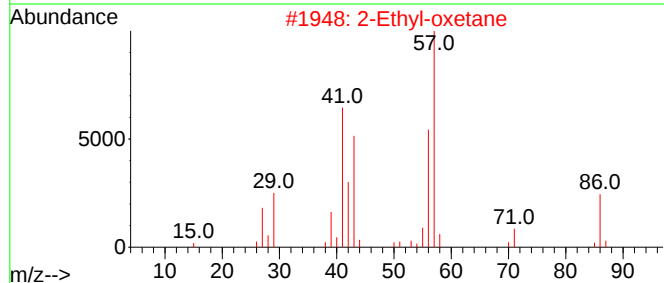
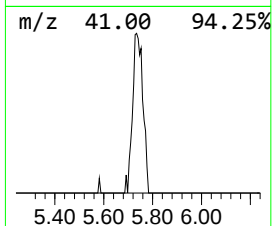
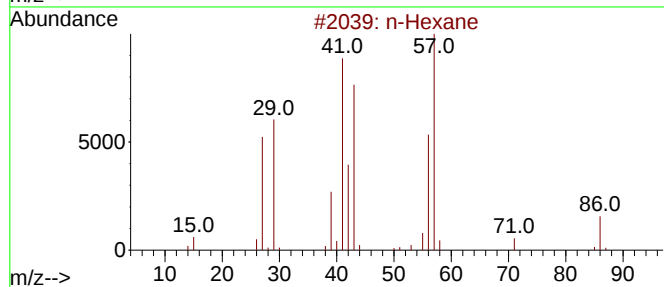
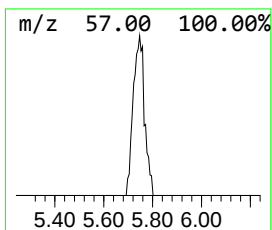
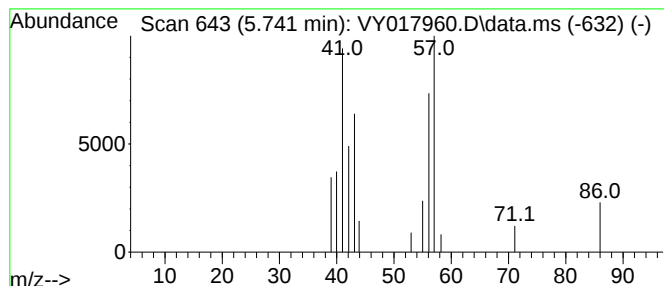
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.741	14.63 ug/l	11242	Pentafluorobenzene	7.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	72
2	2-Ethyl-oxetane		86	C5H10O	1010386-40-2	59
3	3-Buten-1-ol, 3-methyl-		86	C5H10O	000763-32-6	50
4	2-Butene, (Z)-		56	C4H8	000590-18-1	37
5	1-Hexene		84	C6H12	000592-41-6	36



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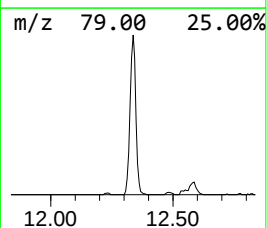
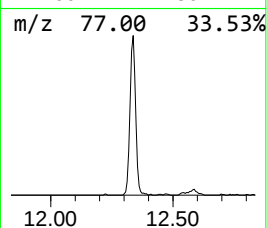
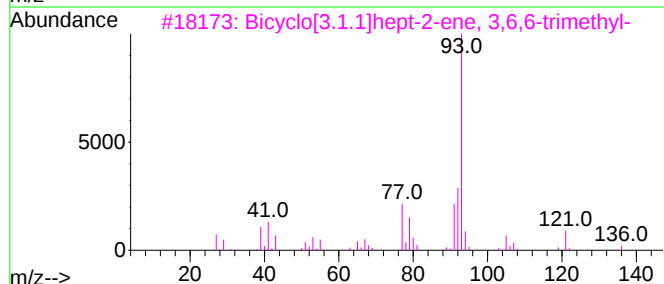
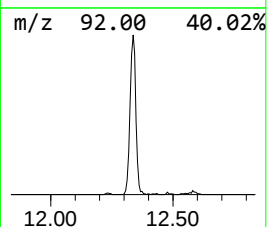
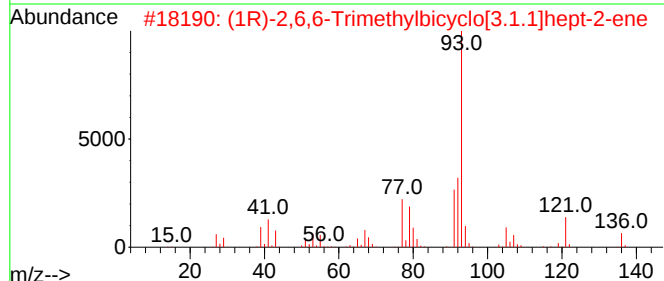
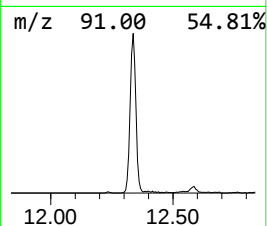
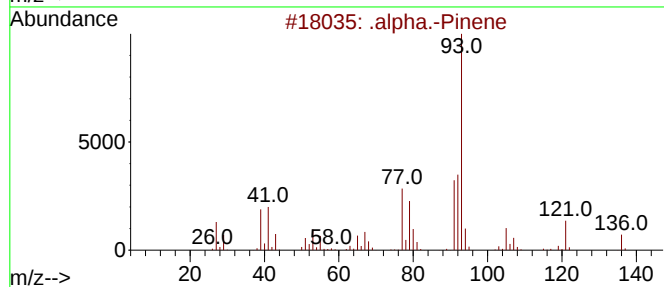
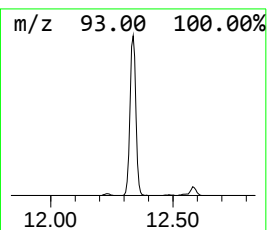
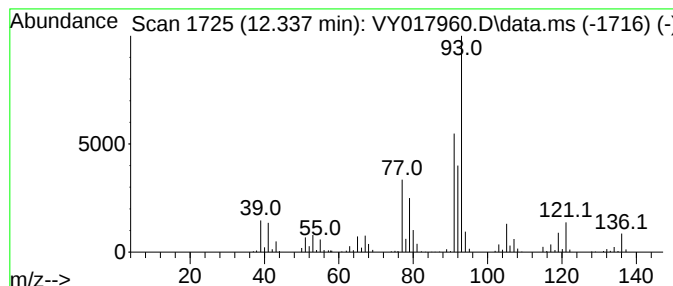
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Quant Title : SW846 8260

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Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	354.15 ug/l	335802	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	97
2			(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
3			Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94
4			(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5			.gamma.-Terpinene	136	C10H16	000099-85-4	81



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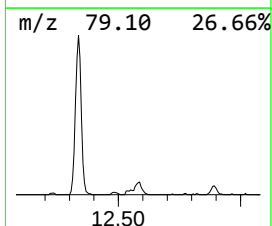
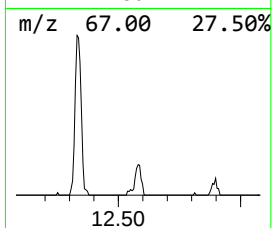
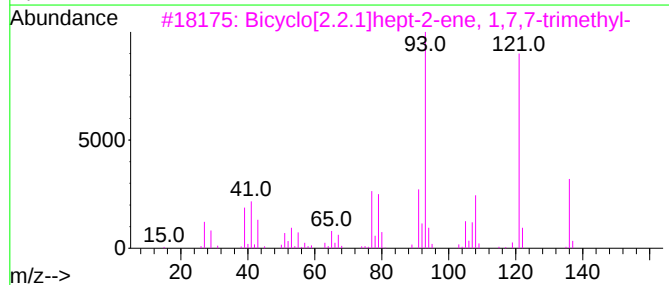
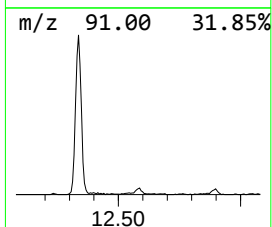
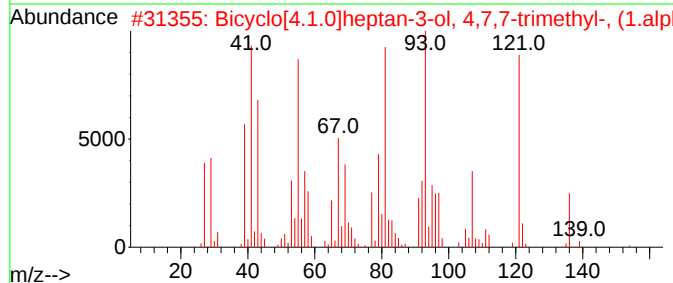
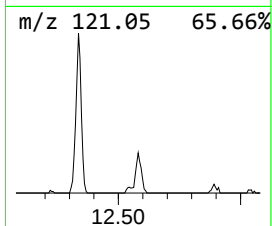
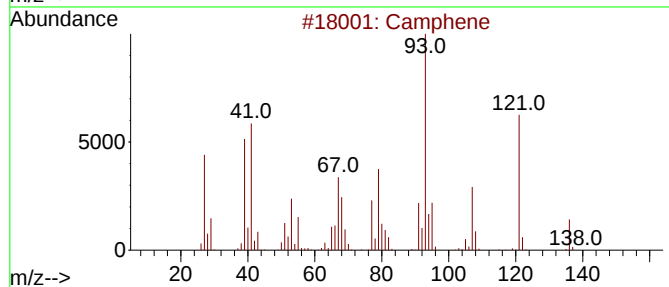
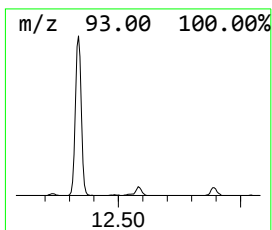
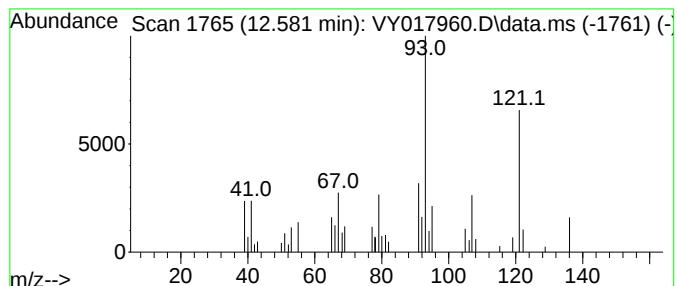
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Camphene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	40.09 ug/l	22604	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	78
2			Bicyclo[4.1.0]heptan-3-ol, 4,7,7...	154	C10H18O	054750-09-3	72
3			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	64
4			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	58
5			Bicyclo[3.1.0]hex-3-en-2-one, 5-...	136	C9H12O	036262-12-1	53



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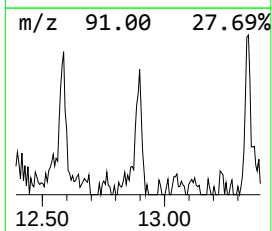
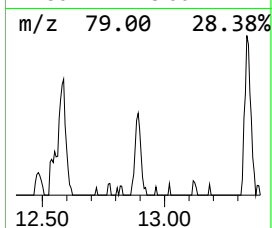
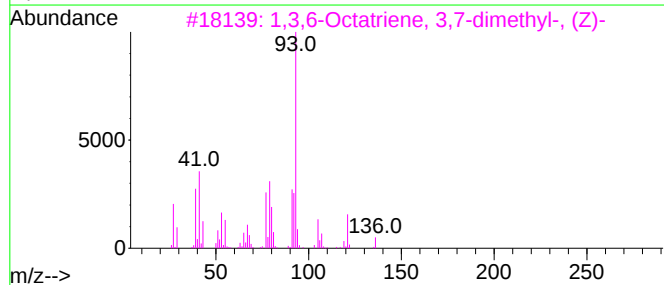
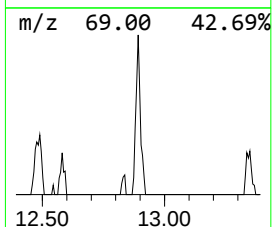
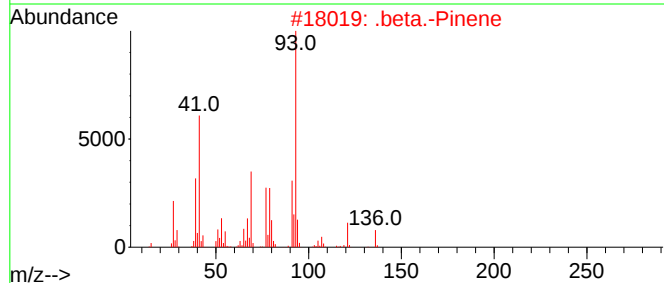
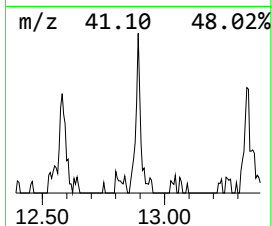
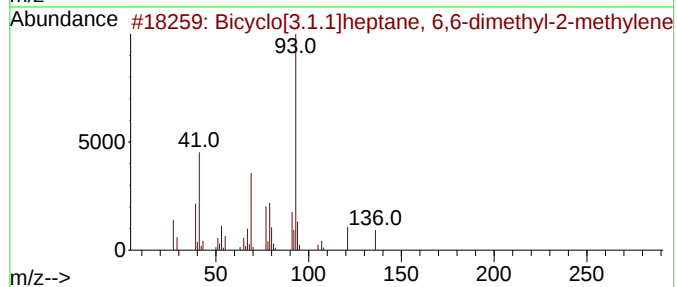
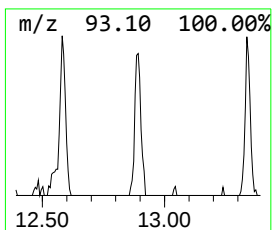
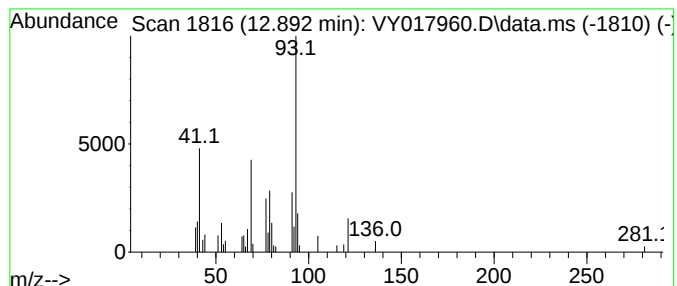
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Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	30.87 ug/l	17403	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
2			.beta.-Pinene	136	C10H16	000127-91-3	91
3			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	83
4			.beta.-Myrcene	136	C10H16	000123-35-3	80
5			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	72



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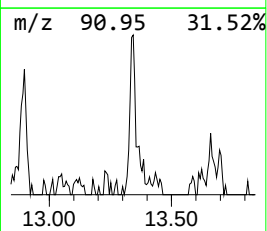
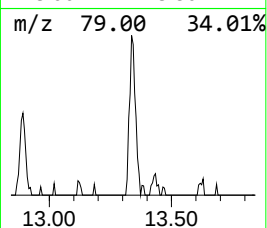
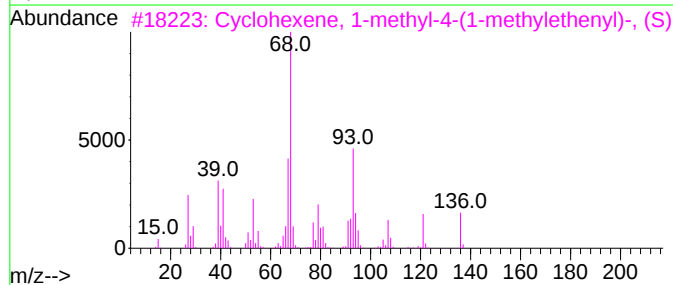
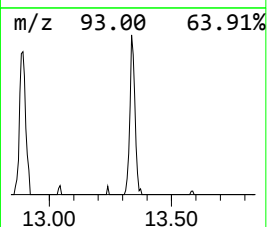
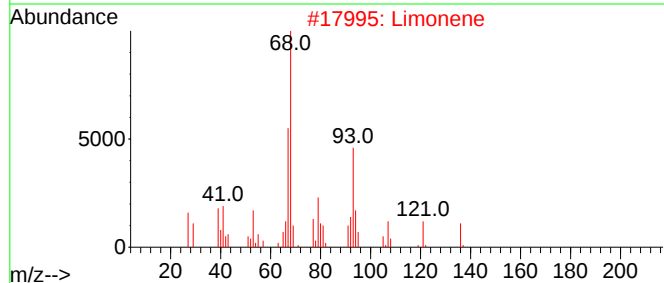
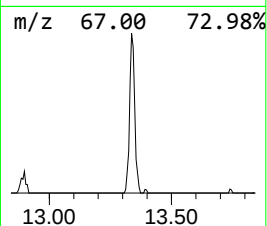
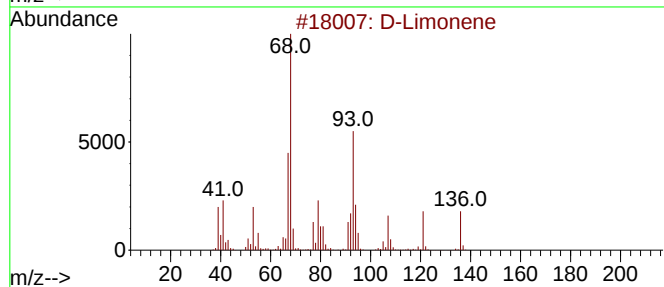
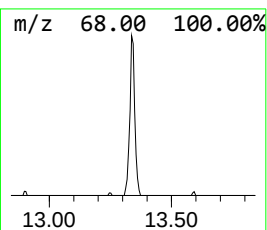
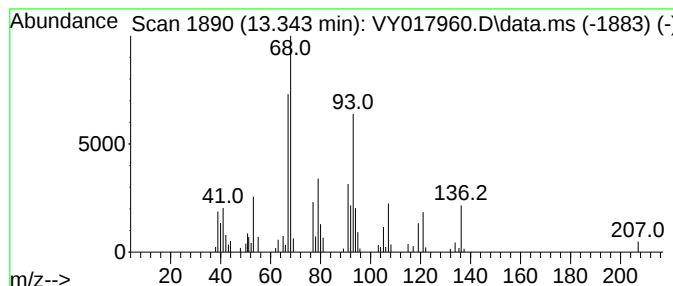
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Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.343	74.14 ug/l	41800	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	94
2			Limonene	136	C10H16	000138-86-3	91
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	83
4			Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	80
5			Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	49



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B-131-SB01

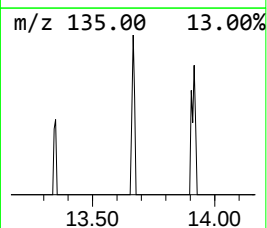
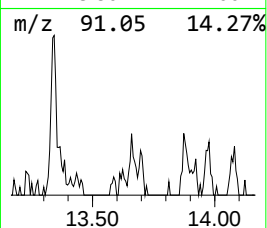
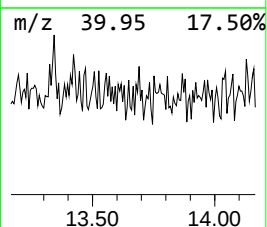
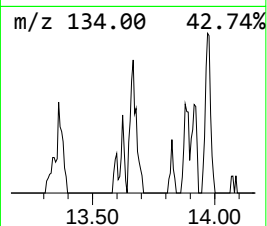
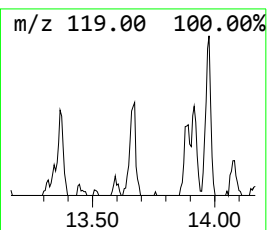
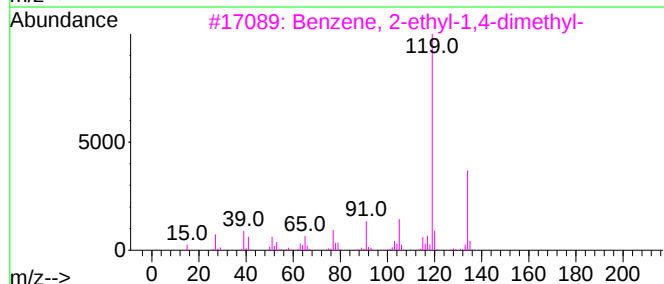
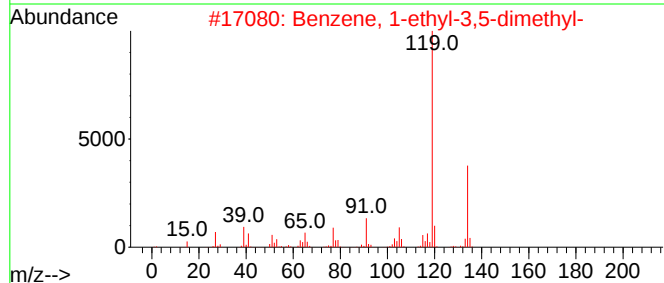
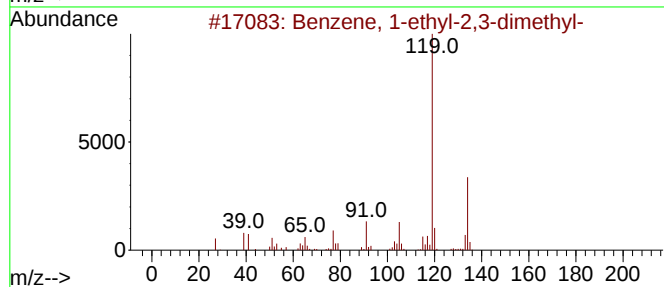
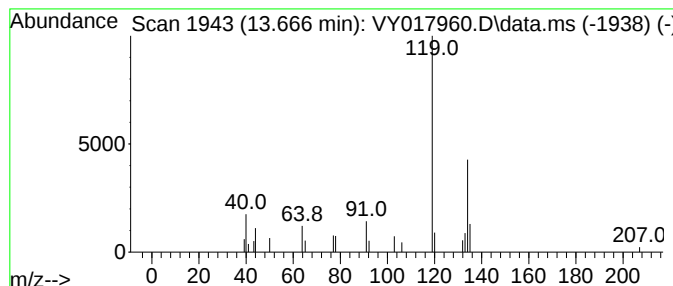
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	16.70 ug/l	9413	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	72
5			1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
Data File : VY017960.D
Acq On : 17 Apr 2024 14:09
Operator : SY/MD
Sample : P2124-01
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

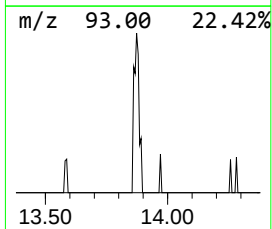
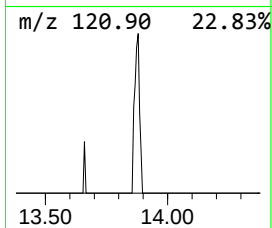
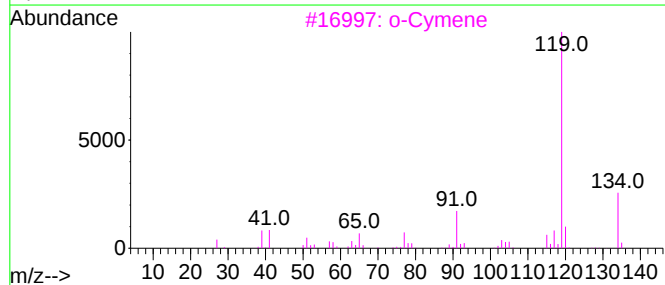
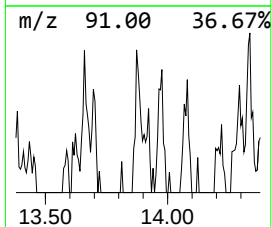
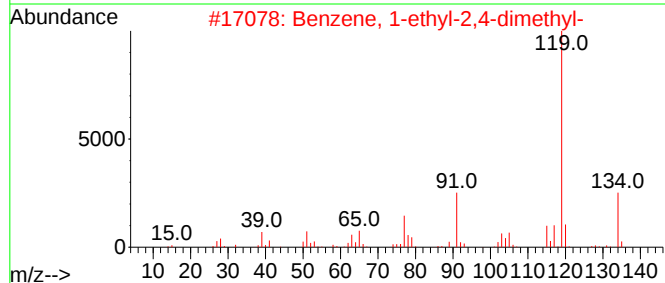
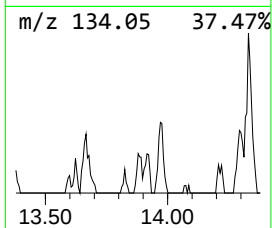
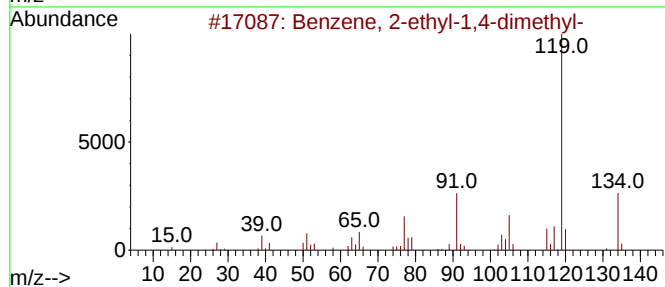
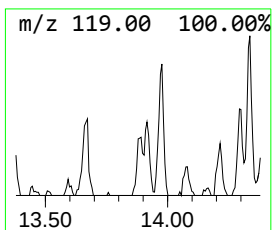
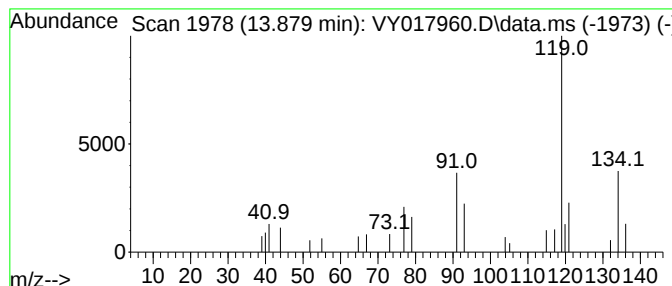
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	13.33 ug/l	7513	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	68
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
3			o-Cymene	134	C10H14	000527-84-4	59
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
Data File : VY017960.D
Acq On : 17 Apr 2024 14:09
Operator : SY/MD
Sample : P2124-01
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

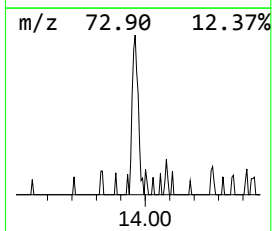
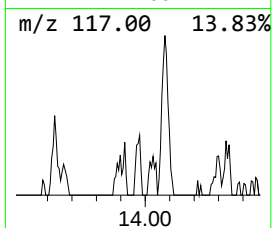
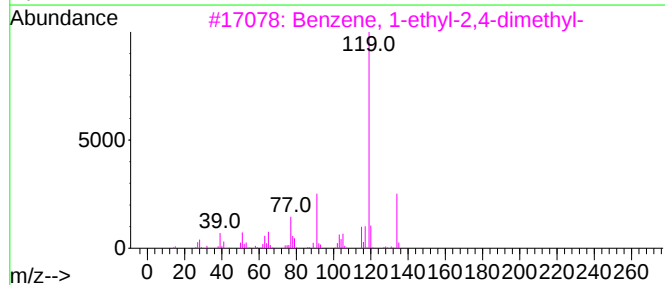
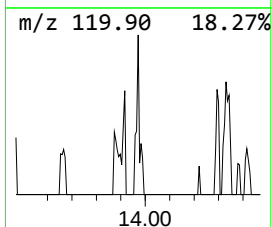
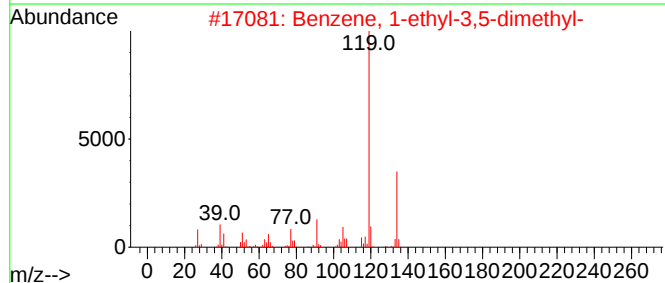
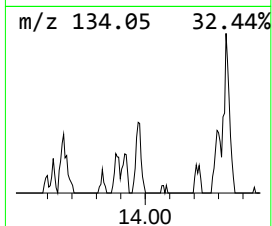
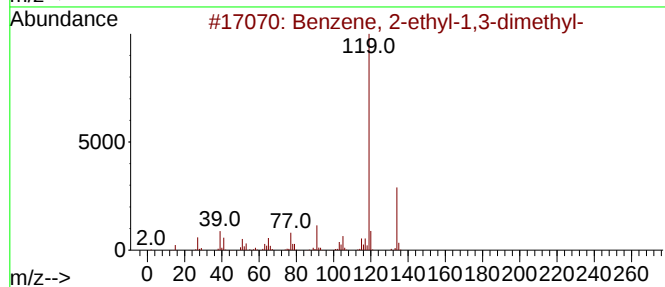
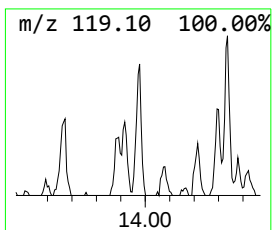
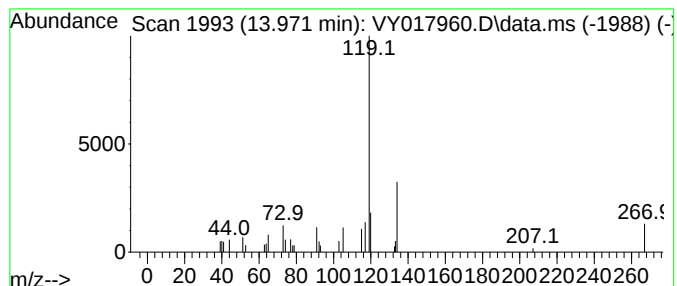
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	16.87 ug/l	9512	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
Data File : VY017960.D
Acq On : 17 Apr 2024 14:09
Operator : SY/MD
Sample : P2124-01
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

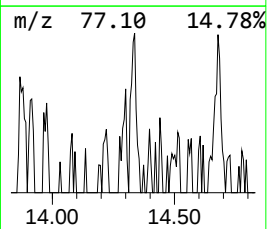
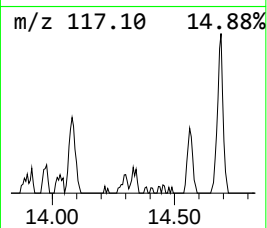
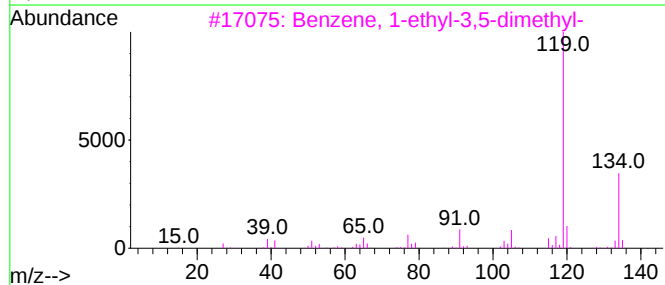
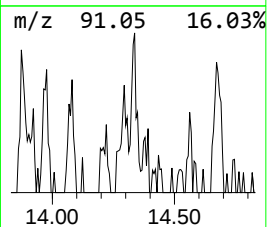
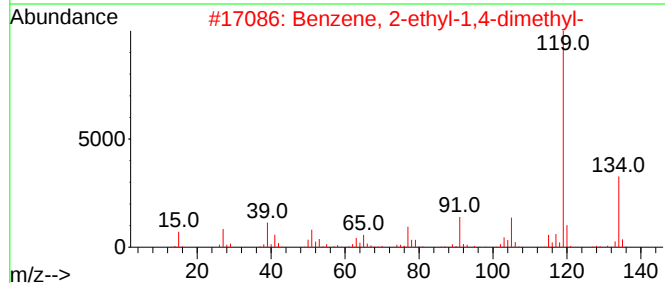
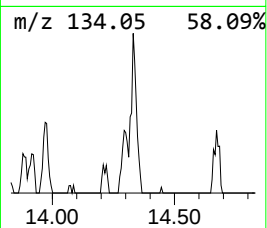
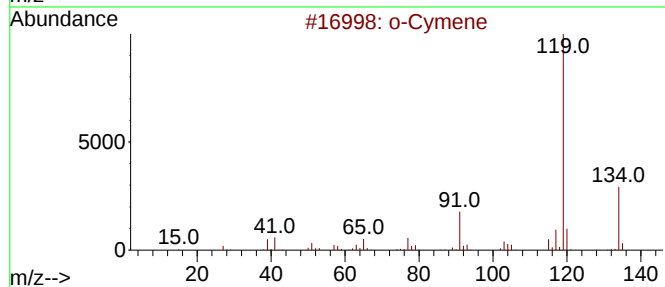
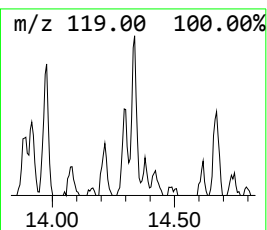
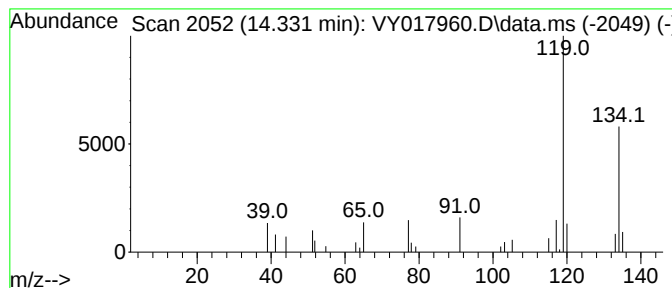
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Quant Title : SW846 8260

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

Peak Number 9 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.331	20.35 ug/l	11475	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
Data File : VY017960.D
Acq On : 17 Apr 2024 14:09
Operator : SY/MD
Sample : P2124-01
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

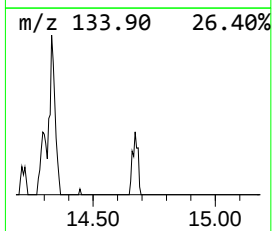
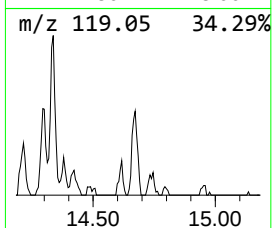
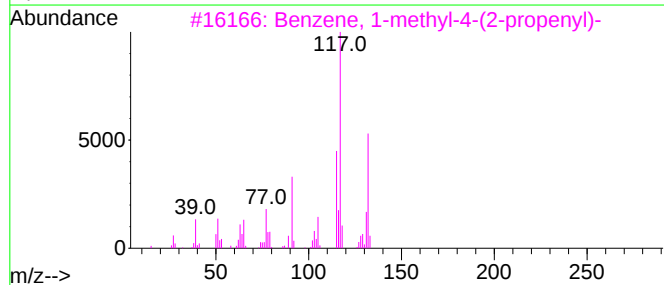
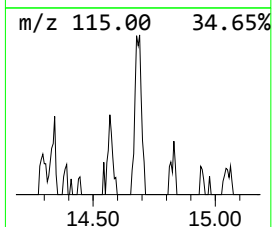
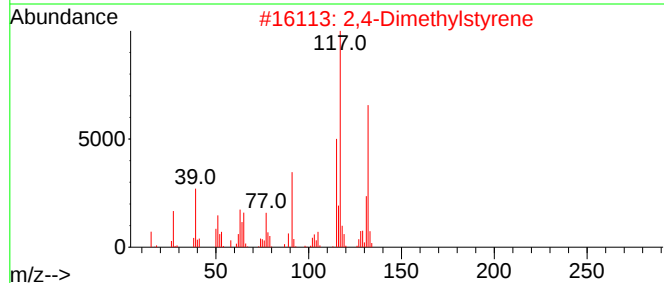
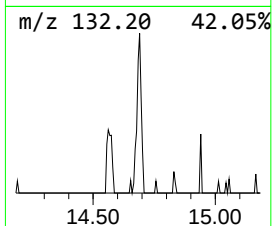
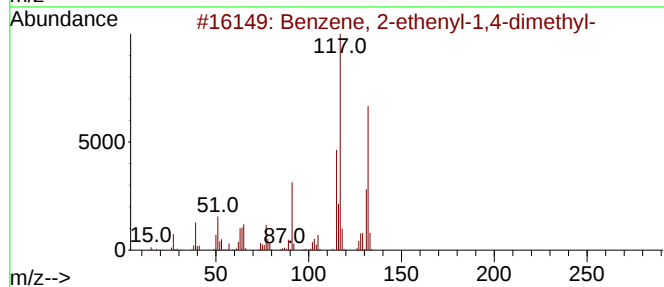
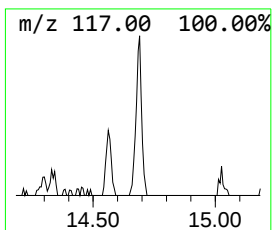
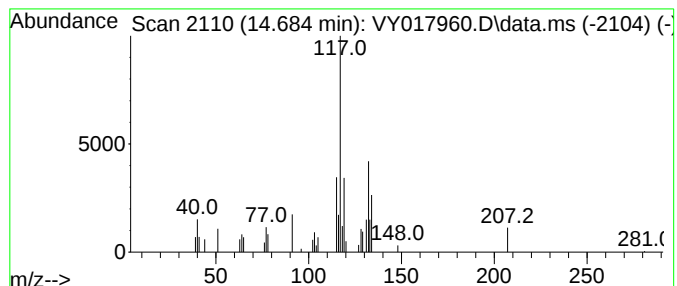
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	28.08 ug/l	15830	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
Data File : VY017960.D
Acq On : 17 Apr 2024 14:09
Operator : SY/MD
Sample : P2124-01
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexane	5.741	14.6	ug/l	11242	1	7.783	38434	50.0
.alpha.-Pinene	12.337	354.1	ug/l	335802	3	11.490	47409	50.0
Camphene	12.581	40.1	ug/l	22604	4	13.428	28191	50.0
Bicyclo[3.1.1]h...	12.892	30.9	ug/l	17403	4	13.428	28191	50.0
D-Limonene	13.343	74.1	ug/l	41800	4	13.428	28191	50.0
Benzene, 1-ethy...	13.666	16.7	ug/l	9413	4	13.428	28191	50.0
Benzene, 2-ethy...	13.879	13.3	ug/l	7513	4	13.428	28191	50.0
Benzene, 2-ethy...	13.971	16.9	ug/l	9512	4	13.428	28191	50.0
o-Cymene	14.331	20.4	ug/l	11475	4	13.428	28191	50.0
Benzene, 2-ethe...	14.684	28.1	ug/l	15830	4	13.428	28191	50.0