

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014802.D
 Acq On : 25 Jul 2023 15:22
 Operator : SY/MD
 Sample : 03742-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P32B

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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014802.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.216	380	393	402	rBV2	3754	12128	1.34%	0.163%
2	4.710	464	474	487	rBV2	12401	38909	4.30%	0.522%
3	5.746	632	644	654	rBV3	6440	20356	2.25%	0.273%
4	6.978	834	846	861	rBV	53021	169201	18.71%	2.272%
5	7.716	957	967	973	rBV2	124550	305762	33.81%	4.105%
6	7.789	973	979	989	rVB	214334	480763	53.16%	6.455%
7	8.142	1023	1037	1049	rVB2	139366	338077	37.38%	4.539%
8	8.691	1118	1127	1138	rBV	330340	662764	73.28%	8.899%
9	10.179	1364	1371	1388	rBV	532114	904429	100.00%	12.144%
10	10.575	1429	1436	1445	rBV	48106	88376	9.77%	1.187%
11	10.947	1490	1497	1508	rBV	35569	63191	6.99%	0.848%
12	11.319	1554	1558	1566	rVB2	8769	13790	1.52%	0.185%
13	11.489	1578	1586	1601	rBV	510116	826369	91.37%	11.095%
14	12.483	1742	1749	1760	rBV	421936	679080	75.08%	9.118%
15	13.422	1892	1903	1919	rBV	519907	838952	92.76%	11.264%
16	13.623	1932	1936	1939	rVV2	16147	27910	3.09%	0.375%
17	13.666	1939	1943	1952	rVB3	29319	59288	6.56%	0.796%
18	13.824	1964	1969	1973	rVV	13620	20539	2.27%	0.276%
19	13.885	1973	1979	1981	rVV	33064	50421	5.57%	0.677%
20	13.916	1981	1984	1988	rVV	37362	54269	6.00%	0.729%
21	13.971	1988	1993	1999	rVB	80721	118708	13.13%	1.594%
22	14.074	2004	2010	2015	rBV2	24505	40610	4.49%	0.545%
23	14.214	2027	2033	2038	rBV	30420	46461	5.14%	0.624%
24	14.294	2038	2046	2049	rVV	89041	135950	15.03%	1.825%
25	14.336	2049	2053	2057	rVV	141216	213500	23.61%	2.867%
26	14.379	2057	2060	2063	rVV	31589	42245	4.67%	0.567%
27	14.422	2063	2067	2074	rVB	21920	34113	3.77%	0.458%
28	14.519	2079	2083	2086	rVV	19112	27432	3.03%	0.368%
29	14.562	2086	2090	2094	rVV	37981	64248	7.10%	0.863%
30	14.611	2094	2098	2102	rVV	47420	67390	7.45%	0.905%
31	14.672	2102	2108	2115	rVV3	119266	250018	27.64%	3.357%
32	14.739	2115	2119	2124	rVV	38391	61069	6.75%	0.820%
33	14.867	2137	2140	2145	rBV	8386	10802	1.19%	0.145%
34	14.946	2147	2153	2164	rVB	70079	156689	17.32%	2.104%
35	15.050	2164	2170	2179	rBV2	40453	69438	7.68%	0.932%
36	15.233	2188	2200	2206	rBV	91917	173062	19.13%	2.324%

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ClientSampleId :
B-P32B

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

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37	15.318	2206	2214	2215	rBV2	12982	22531	2.49%	0.303%
38	15.434	2230	2233	2238	rVB2	11410	15562	1.72%	0.209%
39	15.525	2242	2248	2254	rBV	16410	30025	3.32%	0.403%
40	15.696	2271	2276	2286	rVB3	9386	25569	2.83%	0.343%
41	15.812	2286	2295	2301	rBV	21226	42586	4.71%	0.572%
42	15.891	2303	2308	2316	rVB4	6728	13278	1.47%	0.178%
43	16.287	2367	2373	2380	rBV	32583	66092	7.31%	0.887%
44	16.360	2380	2385	2392	rVB2	14410	26125	2.89%	0.351%
45	16.482	2397	2405	2420	rBV2	15242	39717	4.39%	0.533%

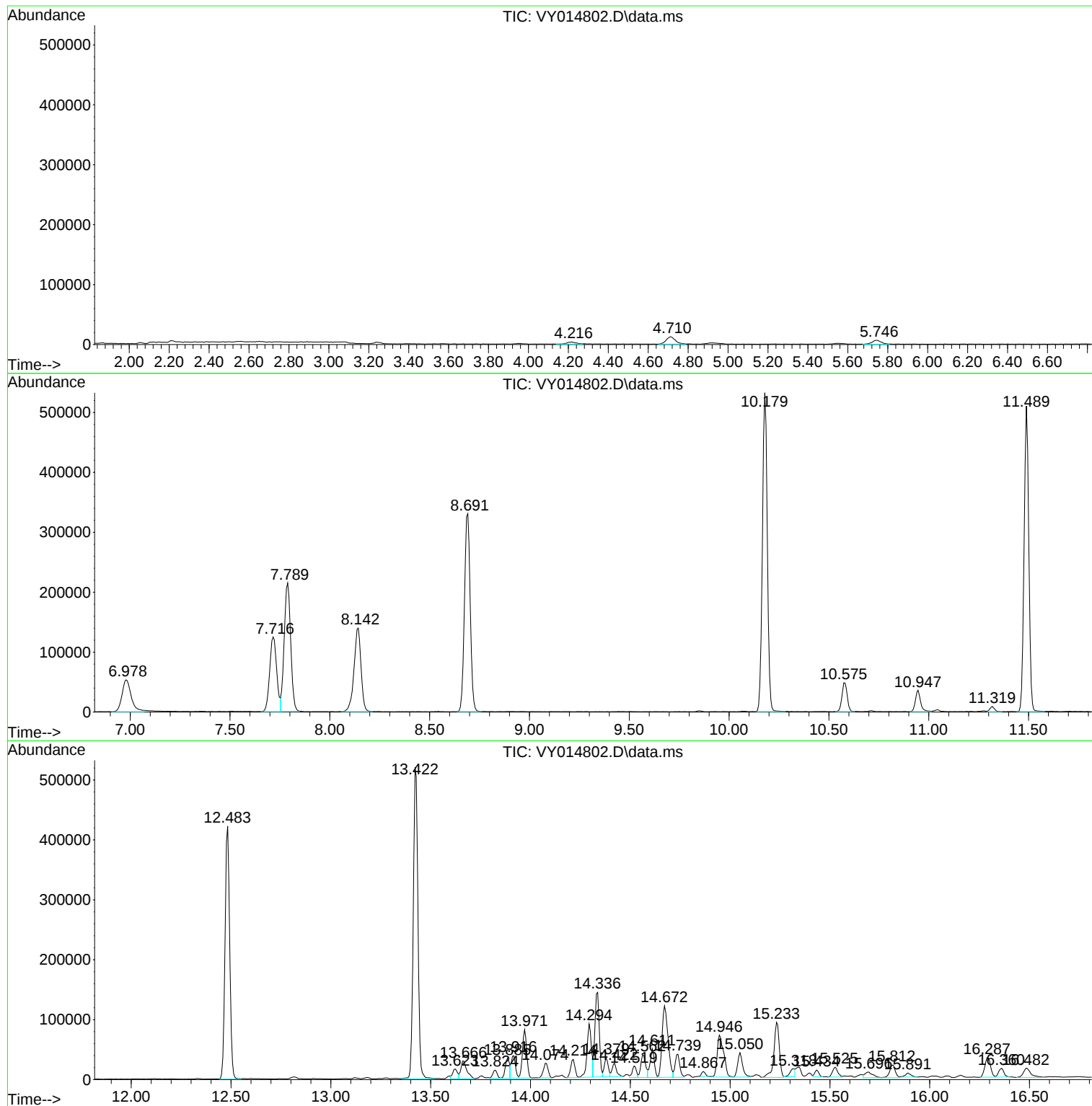
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ClientSampleId :
B-P32B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
B-P32B

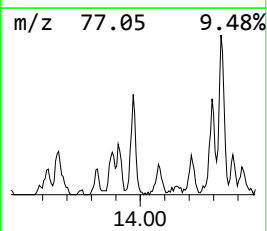
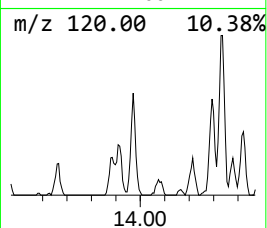
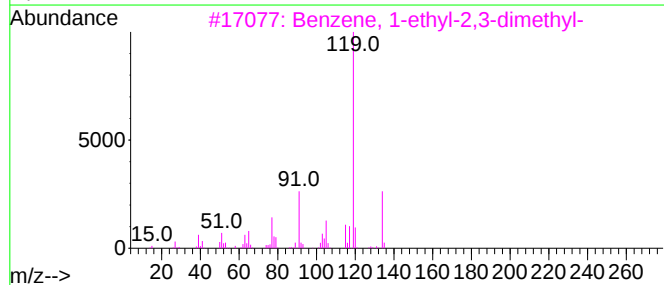
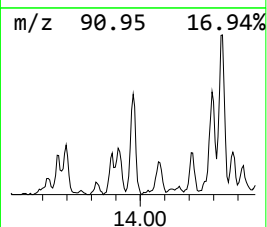
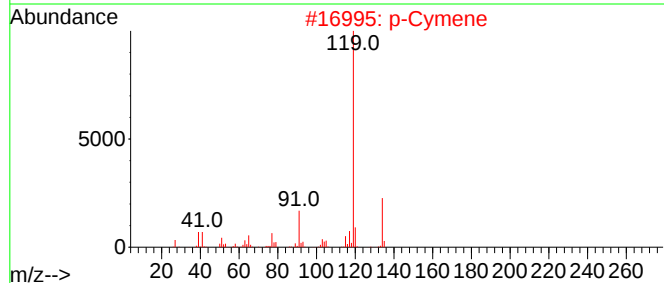
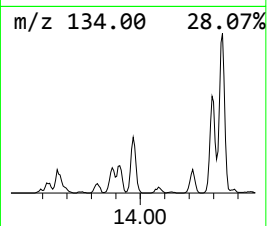
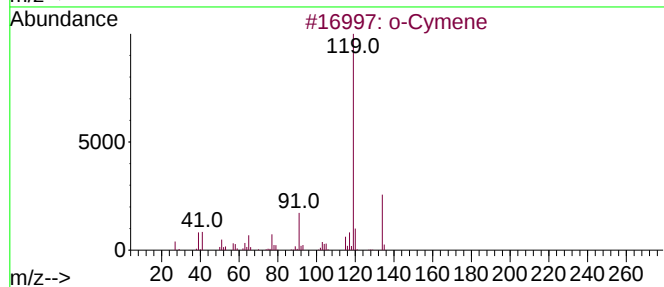
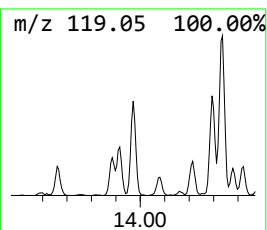
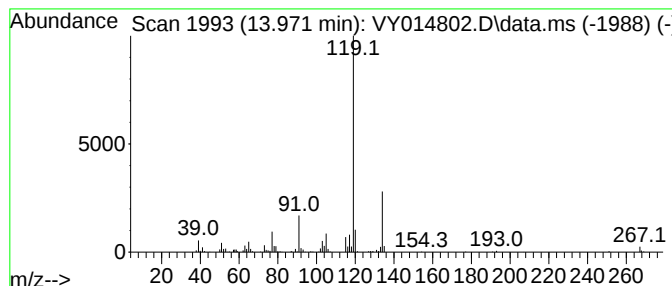
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 3 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	7.07 ug/l	118708	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	97
2		p-Cymene	134	C10H14	000099-87-6	97
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P32B

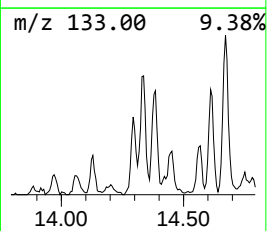
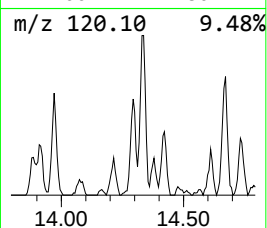
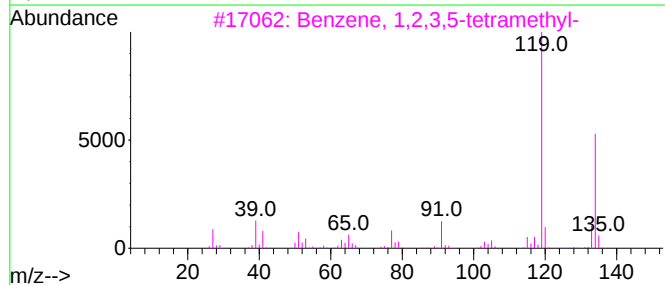
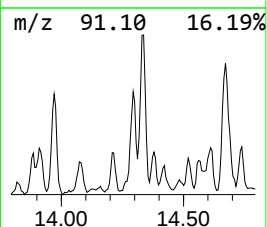
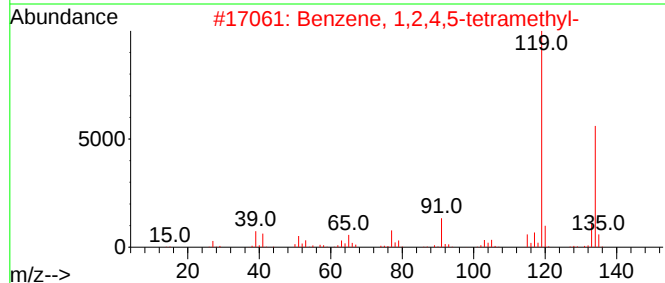
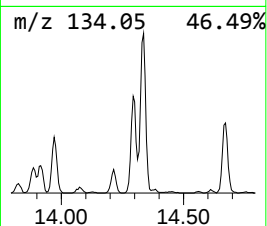
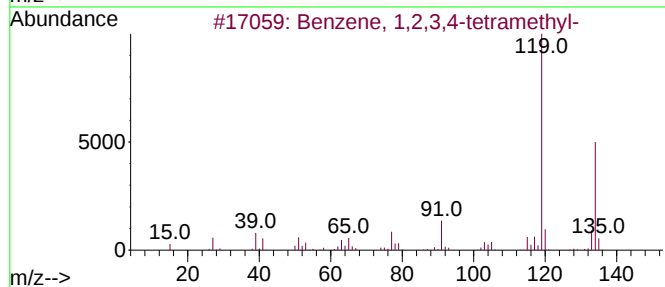
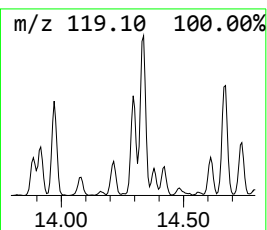
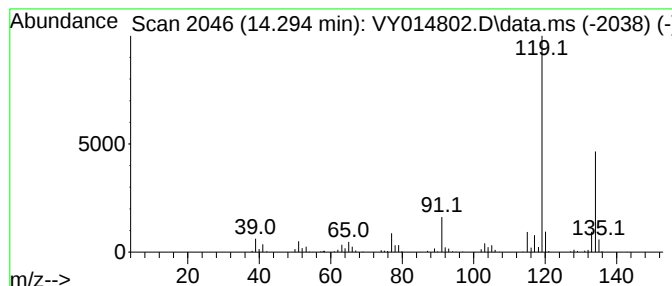
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	8.10 ug/l	135950	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



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Data File : VY014802.D
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Sample : 03742-03
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P32B

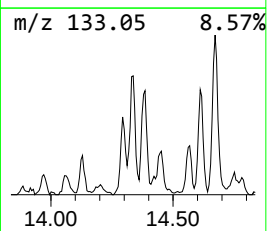
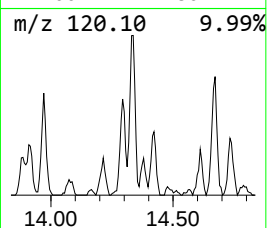
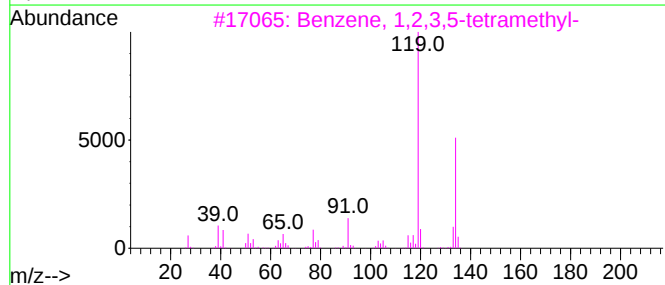
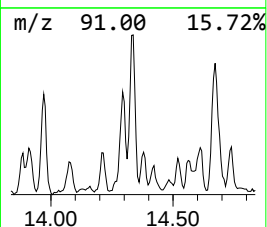
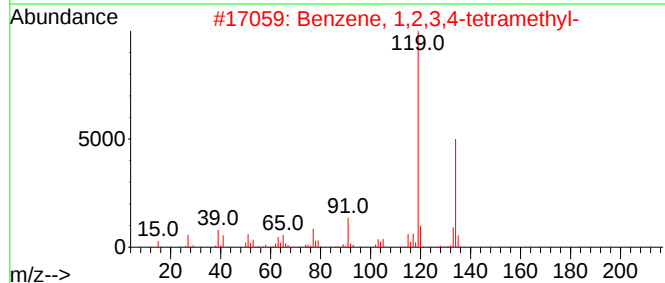
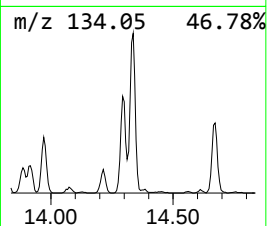
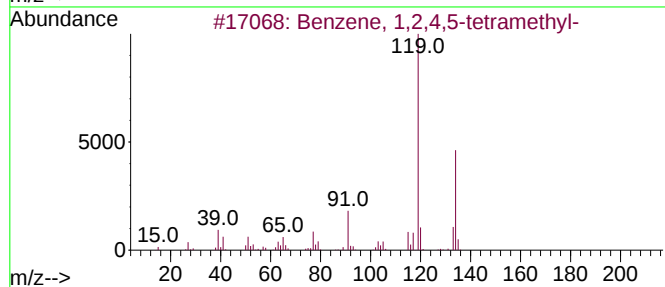
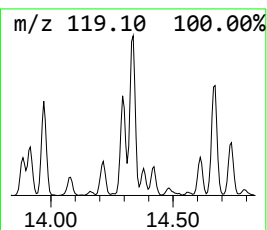
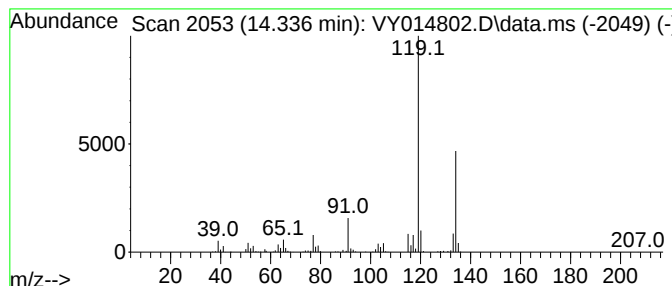
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	12.72 ug/l	213500	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



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Instrument :
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ClientSampleId :
B-P32B

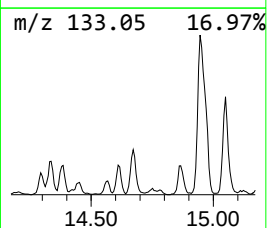
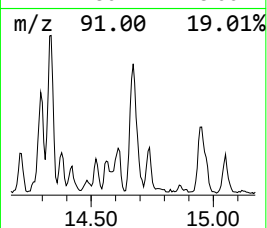
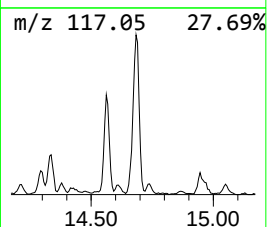
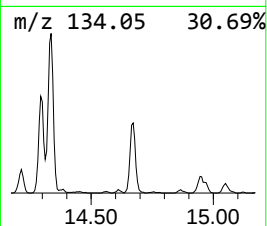
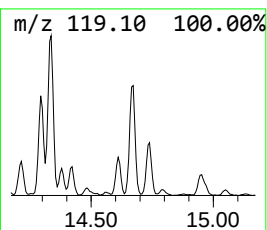
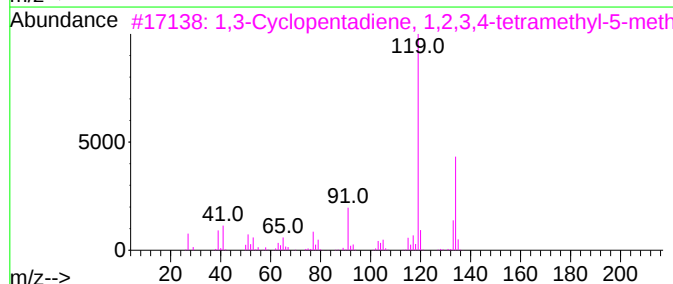
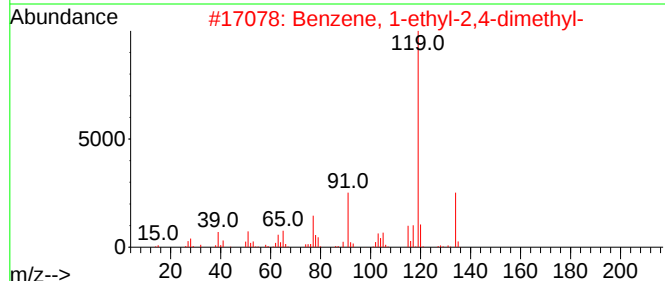
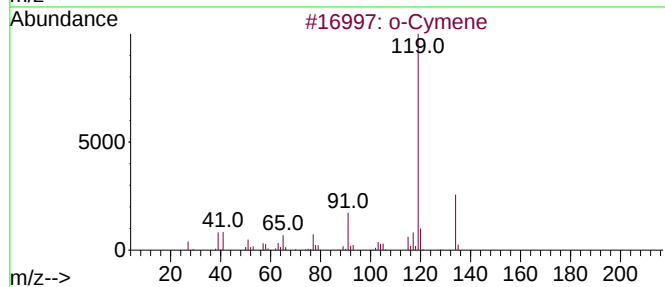
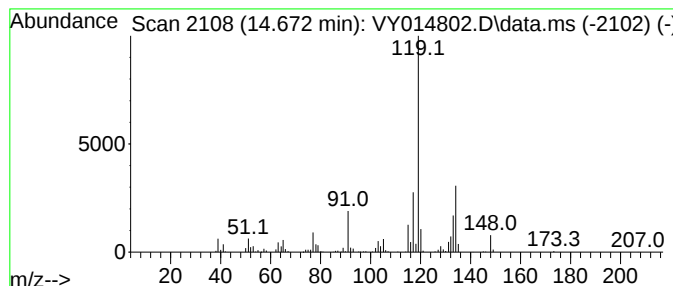
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	14.90 ug/l	250018	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5			p-Cymene	134	C10H14	000099-87-6	76



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Instrument :
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ClientSampleId :
B-P32B

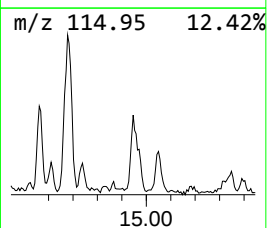
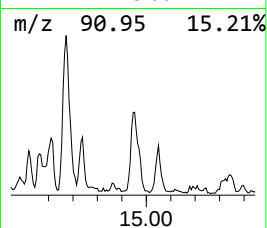
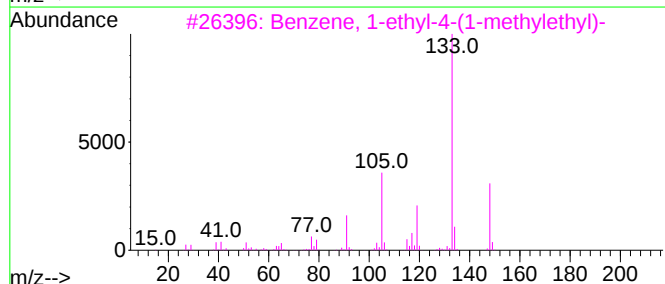
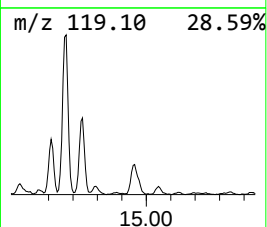
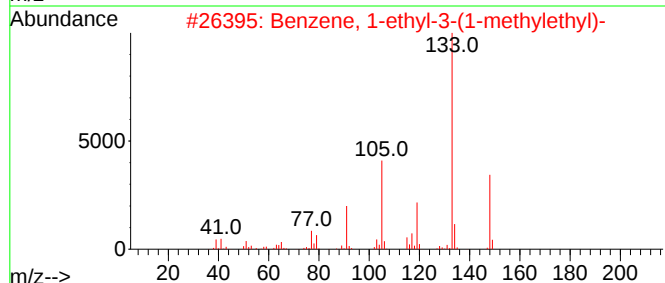
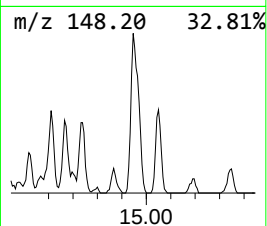
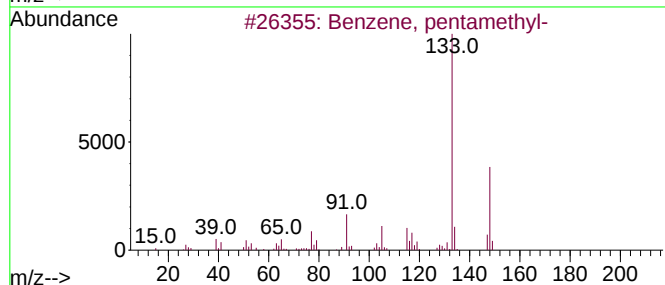
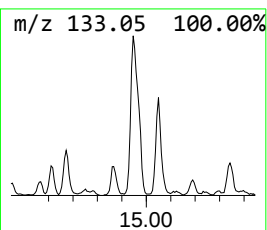
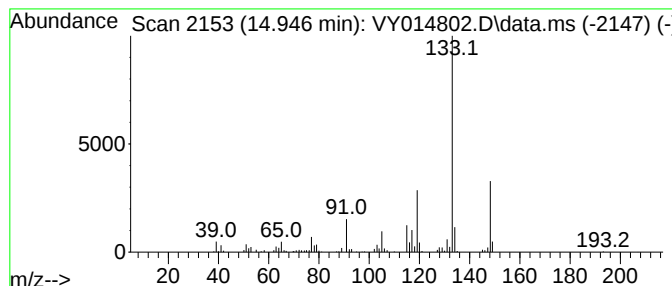
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, pentamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	9.34 ug/l	156689	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	91
2			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	91
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
5			4-tert-Butyltoluene	148	C11H16	000098-51-1	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014802.D
Acq On : 25 Jul 2023 15:22
Operator : SY/MD
Sample : 03742-03
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P32B

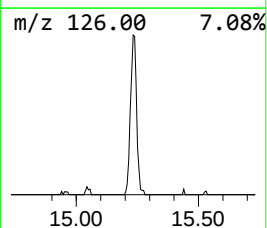
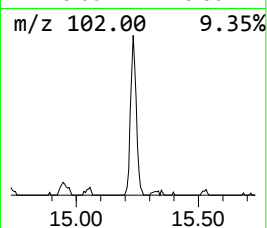
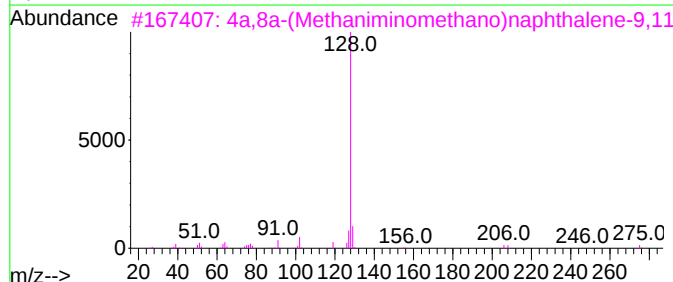
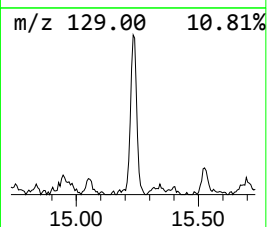
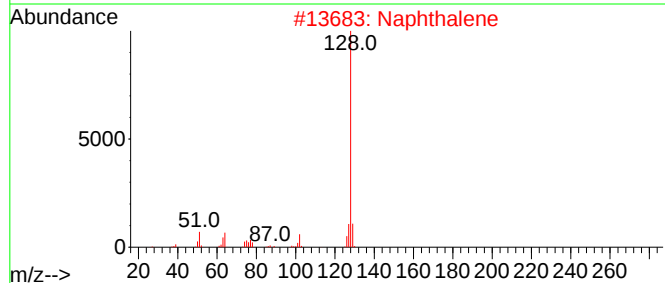
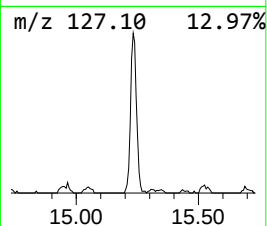
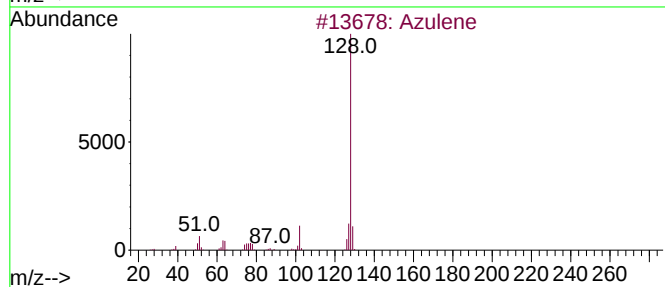
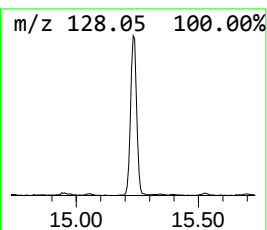
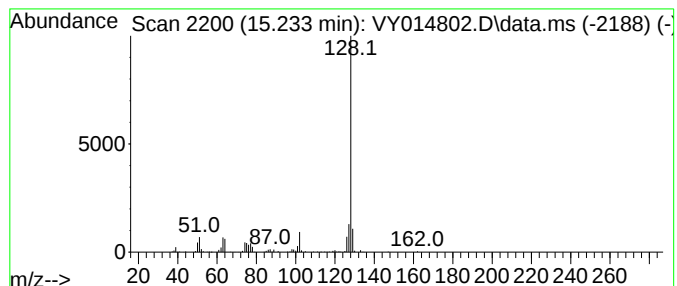
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 8 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	10.31 ug/l	173062	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
4			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59
5			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014802.D
Acq On : 25 Jul 2023 15:22
Operator : SY/MD
Sample : 03742-03
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P32B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.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
o-Cymene	13.971	7.1	ug/l	118708	4	13.428	838952	50.0
Benzene, 1,2,3,...	14.294	8.1	ug/l	135950	4	13.428	838952	50.0
Benzene, 1,2,4,...	14.336	12.7	ug/l	213500	4	13.428	838952	50.0
Benzene, 1-ethy...	14.672	14.9	ug/l	250018	4	13.428	838952	50.0
Benzene, pentam...	14.946	9.3	ug/l	156689	4	13.428	838952	50.0
Azulene	15.233	10.3	ug/l	173062	4	13.428	838952	50.0